

ABBREVIATIONS					
A	@	AT	GA	Q	Q.T.
	ACT	ACOLUSTICAL CEILING TILES	GALV.	QUARRY TILE	
	ADJ	ADJACENT	GEN.		
	AFF	ABOVE FINISHED FLOOR	GL	R	R
	ALUM	ALUMINUM	GWB	R.A.	RISER
B	ALT	ALTERNATE	GYP BD	RAD.	RETURN AIR
				RCP	RADIUS
	BARR.	BARRIER		REF	REFLECTED CEILING PLAN
	BLDG	BUILDING	H	R.D.	ROOF DRAIN
	BLK/BLKG	BLOCKING	HB	REF.	REFERENCE, REFRIGERATOR
C	BIT	BITUMINOUS	HC	REINF.	REINFORCING
	BM.	BEAM	HORIZ.	RM	ROOM
	BOT.	BOTTOM	H.P.	R.O.	ROUGH OPENING
	B.U.	BUILT-UP	HR	RQD.	REQUIRED
			HT	S	SCHED.
D	Ø, D	DIAMETER	I	SECT.	SECTION
	D.	DEEP	INSUL.	SHT	SHEET
	DET.	DETAIL	INT.	SM	SIMILAR
	DIA.	DIAMETER	J	S.P.	STANDPIPE
	DISP.	DISPENSER	J.C.	SPECS	SPECIFICATIONS
E	DIM.	DIMENSION	J.O.	SG.	SQUARE
	DN	DOWN	IT	SS	STAINLESS STEEL
	D.S.	DOWNSPOUT	K	STL	STEEL
	DTLS	DETAILS	KIT.	ST/STORY	STORAGE
	DWGS	DRAWINGS	L	STRUCT.	STRUCTURAL
F	EA	EACH	LAM.	SUSP.	SUSPENDED
	E.F.	EXHAUST FAN	LAV.	SW	STORM WATER
	ELEC.	ELECTRICAL	L.F.	T	TREAD
	ELEV.	ELEVATION	L.P.	TEL.	TELEPHONE
	EQ	EQUAL	M	TH	THRESHOLD
G	EQUIP.	EQUIPMENT	MACH.	THK.	THICKNESS
	E.T.R.	EXISTING TO REMAIN	MAINT.	T.O.	TOP OF
	EXIST.	EXISTING	MAS.	T&B	TOP AND BOTTOM
	EXP.	EXPOSED	MANF.	T&G	TONGUE AND GROOVE
	EXP. JT.	EXPANSION JOINT.	MAX	TS	TRANSITION STRIP
H	EXT.	EXTERIOR	MECH.	TYP	TYPICAL
			M.H.	U	U.L.
			MIN	U.N.O.	UNDERWRITER'S LABORATORY
			M.R.		UNLESS NOTED OTHERWISE
			M.O.	V	VCT
I			MISC.	V.B.	VINYL COMPOSITION TILE
			MTG	VERT.	VAPOR BARRIER
			MTL	VEST.	VERTICAL
			MULL.	V.R.	VESTIBULE
					VAPOR RETARDER
J			N	W	WOMEN'S TOILET
			N.I.C.	WD	WOOD
			NO.	WI	WITH
			NOM.	WO	WITHOUT
			NTS	W.C.	WATER CLOSET
K			O	W.P.	WATERPROOFING
			O.C.	WWF	WELODED WIRE FABRIC
			OUTSIDE DIAMETER	WWM	WELODED WIRE MESH
			OPER.		
			OPG.		
L			OPP.		
			OPPOSITE		
			P		
			PART.		
			PASS.		
M			PERIM.		
			PL		
			PLATE, PROPERTY LINE		
			PLAS.		
			PLASTER		
N			PLAM		
			PLASTIC LAMINATE		
			POLY.		
			POLYETHYLENE		
			PREFAB		
O			PREFABRICATED		
			PREP.		
			P.T.		
			PRESSURE TREATED		
			PTD		
P					
Q					
R					
S					
T					
U					
V					
W					
X					
Y					
Z					

PROJECT TEAM

ARCHITECT:

Hord Coplan Macht
1800 Wazee Street, Suite 450
Denver, CO 80202

Ph: 303-607-0977
URL: www.hcm2.com

INTERIORS:

Hord Coplan Macht
1800 Wazee Street, Suite 450
Denver, CO 80202

Ph: 303-607-0977
URL: www.hcm2.com

MEP:

Cator Ruma & Associates Co.
896 Tabor Street
Lakewood, CO 80401

Ph: 303-232-6200
URL: www.catoruma.com

ARCHITECTURAL LEGEND

CONCRETE

CMU

PLYWOOD

GYP SUM

STEEL

BRICK

ROUGH LUMBER

FINISH LUMBER

RIGID INSULATION

BATT INSULATION

DETAIL NUMBER
XX
A-XXX

EXTERIOR ELEVATION

DETAIL NUMBER
XX
A-XXX

BUILDING SECTION

DETAIL NUMBER
XX
A-XXX

WALL SECTION

DETAIL NUMBER
XX
A-XXX

INTERIOR ELEVATION

101

DOOR TAG

054000.D01

KEYNOTE TAG

2-6A

PARTITION TAG

REVISION TAG

DETAIL NUMBER
XX
A-XXX

DETAIL CALLOUT

SHEET NUMBER
XX

SHEET NUMBER

VICINITY MAP

PROJECT LOCATION

UNIVERSITY OF COLORADO - ANSCHUTZ

FITZSIMONS GROUND FLOOR RENOVATION - RESEARCH DEVELOPMENT & STRATEGY

13001 E 17TH PL.
AURORA, CO 80045

CONTRACT DOCUMENTS

ISSUED FOR CONSTRUCTION

SHEET INDEX	SCOPE OF WORK	ALTERNATES LIST																																				
<table><thead><tr><th>Sheet Number</th><th>Sheet Name</th></tr></thead><tbody><tr><td>G-001</td><td>COVER SHEET</td></tr><tr><td>G-101</td><td>GROUND LEVEL LIFE SAFETY PLAN</td></tr><tr><td>AD-100</td><td>DEMOLITION PLAN AND DEMOLITION REFLECTED CEILING PLAN</td></tr><tr><td>AD-101</td><td>DEMOLITION ROOF PLAN & DETAILS</td></tr><tr><td>A-100</td><td>CONSTRUCTION PLAN AND REFLECTED CEILING PLAN</td></tr><tr><td>A-101</td><td>DOOR SCHEDULE AND TYPES</td></tr><tr><td>M-001</td><td>MECHANICAL LEGENDS, NOTES, AND SCHEDULES</td></tr><tr><td>M-100</td><td>MECHANICAL PLANS</td></tr><tr><td>P-100</td><td>PLUMBING PLANS</td></tr><tr><td>E-001</td><td>ELECTRICAL LEGENDS AND NOTES</td></tr><tr><td>E-002</td><td>ELECTRICAL SCHEDULES</td></tr><tr><td>E-011</td><td>ELECTRICAL ONE-LINE DIAGRAM</td></tr><tr><td>E-100</td><td>ELECTRICAL PLANS</td></tr><tr><td>T-001</td><td>TECHNOLOGY LEGENDS AND NOTES</td></tr><tr><td>T-100</td><td>TECHNOLOGY PLANS</td></tr><tr><td>T-401</td><td>TECHNOLOGY DETAILS</td></tr><tr><td>T-402</td><td>SINGLE DOOR SECURITY DETAILS</td></tr></tbody></table>	Sheet Number	Sheet Name	G-001	COVER SHEET	G-101	GROUND LEVEL LIFE SAFETY PLAN	AD-100	DEMOLITION PLAN AND DEMOLITION REFLECTED CEILING PLAN	AD-101	DEMOLITION ROOF PLAN & DETAILS	A-100	CONSTRUCTION PLAN AND REFLECTED CEILING PLAN	A-101	DOOR SCHEDULE AND TYPES	M-001	MECHANICAL LEGENDS, NOTES, AND SCHEDULES	M-100	MECHANICAL PLANS	P-100	PLUMBING PLANS	E-001	ELECTRICAL LEGENDS AND NOTES	E-002	ELECTRICAL SCHEDULES	E-011	ELECTRICAL ONE-LINE DIAGRAM	E-100	ELECTRICAL PLANS	T-001	TECHNOLOGY LEGENDS AND NOTES	T-100	TECHNOLOGY PLANS	T-401	TECHNOLOGY DETAILS	T-402	SINGLE DOOR SECURITY DETAILS	<p>PROJECT ON EXISTING GROUND FLOOR IN FITZSIMONS BUILDING TO UPDATE FINISHES AND TECHNOLOGY IN AN OFFICE SUITE, AND CONVERT A TEACHING KITCHEN CLASSROOM TO A GENERAL PURPOSE TRAINING ROOM. AN EXISTING EXHAUST HOOD AND RELATED FIRE SUPPRESSION SYSTEM WILL BE REMOVED, AS WELL AS, EXISTING STOVE AND SINKS AT AN ISLAND AND BASE CABINET IN THE KITCHEN AREA. ALL OTHER EXISTING MECHANICAL, ELECTRICAL, FIRE SUPPRESSION AND FIRE ALARMS WILL REMAIN IN EXISTING LOCATIONS.</p> <p>THERE ARE NO CHANGES TO THE BUILDING USES OR OCCUPANCY TYPE PROPOSED DURING THIS REMODEL. EXISTING FIRE RATINGS AND LIFE SAFETY SYSTEMS WILL BE MAINTAINED.</p>	<p>ALTERNATE 1 (ENTRY DOOR FOR TRAINING ROOM): NEW WOOD W/ VISION LITE FIRE-RATED ENTRY DOOR (BASE BID TO BE 'REUSE EXISTING FIRE-RATED ENTRY DOOR AND FRAME REMOVED FROM OFFICE ENTRY SUITE.)</p> <p>ALTERNATE 2 (CEILING IN OFFICE SUITE): REMOVE (E) CEILING TILE & GRID REPLACE W/NEW GRID AND TILE. INCLUDE NEW DIFFUSERS. (BASE BID - EXISTING TO REMAIN AS IS.)</p> <p>ALTERNATE 3 (CASEWORK/PLUMBING IN TRAINING ROOM): NEW PLASTIC LAMINATE BASE CABINET WITH SOLID SURFACE WITH RELOCATED HAND SINK, PLUMBING, AND WATER LINE FOR COFFEE MAKER. NEW LVT IN FRONT OF THE CASEWORK. (BASE BID - CASEWORK TO REMAIN AS IS, NEW CARPET TO BE PROVIDED THROUGHOUT THE ENTIRE TRAINING ROOM.)</p> <p>ALTERNATE 4 (POWER/DATA IN TRAINING ROOM): NEW POWER AND DATA ON THE WEST WALL FOR FLAT SCREEN MONITORS. RE: ELEC DRAWINGS. INSTALL OWNER-PROVIDED FLAT SCREEN MONITORS. (BASE BID - NO NEW POWER AND DATA. FLAT SCREEN MONITORS WILL NOT BE INSTALLED.)</p>
Sheet Number	Sheet Name																																					
G-001	COVER SHEET																																					
G-101	GROUND LEVEL LIFE SAFETY PLAN																																					
AD-100	DEMOLITION PLAN AND DEMOLITION REFLECTED CEILING PLAN																																					
AD-101	DEMOLITION ROOF PLAN & DETAILS																																					
A-100	CONSTRUCTION PLAN AND REFLECTED CEILING PLAN																																					
A-101	DOOR SCHEDULE AND TYPES																																					
M-001	MECHANICAL LEGENDS, NOTES, AND SCHEDULES																																					
M-100	MECHANICAL PLANS																																					
P-100	PLUMBING PLANS																																					
E-001	ELECTRICAL LEGENDS AND NOTES																																					
E-002	ELECTRICAL SCHEDULES																																					
E-011	ELECTRICAL ONE-LINE DIAGRAM																																					
E-100	ELECTRICAL PLANS																																					
T-001	TECHNOLOGY LEGENDS AND NOTES																																					
T-100	TECHNOLOGY PLANS																																					
T-401	TECHNOLOGY DETAILS																																					
T-402	SINGLE DOOR SECURITY DETAILS																																					
<p>GENERAL NOTE</p> <p>CONTRACTOR TO CORRECT ANY EXISTING CONDITIONS THAT MAY NEED REPAIRS FOR THE FIRE RATED ASSEMBLIES.</p>																																						

1 LOCATION PLAN

A-100 G-001 1" = 30'-0"

ARCHITECT

Hord Coplan Macht, Inc.
700 E. Pratt St. Suite 1200
p. 410. 837. 7311

Baltimore, MD 21202
f. 410. 837. 6530

STRUCTURAL ENGINEER

Consultant Name
Street Address
City, State 00000
p. 000.000.0000
f. 000.000.0000

ME/P ENGINEER

Consultant Name
Street Address
City, State 00000
p. 000.000.0000
f. 000.000.0000

CIVIL ENGINEERS

Consultant Name
Street Address
City, State 00000
p. 000.000.0000
f. 000.000.0000

FITZSIMONS GROUND FLOOR RENO - RD&S

hord | coplan | macht

ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN

PROFESSIONAL CERTIFICATION I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A QUALY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF COLORADO.
LICENSE NUMBER: 400029
EXPIRATION DATE: 09/18/2023

PROJECT STATUS

Project Name
FITZSIMONS GROUND FLOOR RENO - RD&S

Project Number
223084.00

Date
09/18/2023

Scale
As indicated

Drawing
COVER SHEET

G-001

PROJECT STATUS

8/19/2023 8:51:52 AM
C:\2023\223084\01_GILLEY\FitSimons\FitSimons_GND.dwg
CENTRAL\223084\01_GILLEY\FitSimons\FitSimons_GND.dwg

© Hord Coplan Macht, Inc.

PLUMBING COUNTS

Plumbing count and occupant load have no proposed changes.

CODE SUMMARY

GOVERNING CODES: INTERNATIONAL BUILDING CODE -2021 EDITION
INTERNATIONAL EXISTING BUILDING CODE -2021 EDITION
INTERNATIONAL PLUMBING CODE -2018 EDITION
INTERNATIONAL MECHANICAL CODE -2021 EDITION
INTERNATIONAL ENERGY CONSERVATION CODE -2021 EDITION
INTERNATIONAL FIRE CODE -2021 EDITION
2020 NATIONAL ELECTRICAL CODE
ACCESSIBILITY: STATE LAW CRS 9-5-101 & ICC / ANSI A117.1

USE & OCCUPANCY: BUSINESS. NO PROPOSED CHANGES.

NUMBER OF STORIES: 9. NO PROPOSED CHANGES TO EXISTING STORIES.

FIRE PROTECTION: FULLY SPRINKLED. NO PROPOSED CHANGES TO EXISTING SPRINKLER COVERAGE

AREA SEPARATIONS: NO PROPOSED CHANGES.

GROSS EXISTING FLOOR: 52,023 GSF

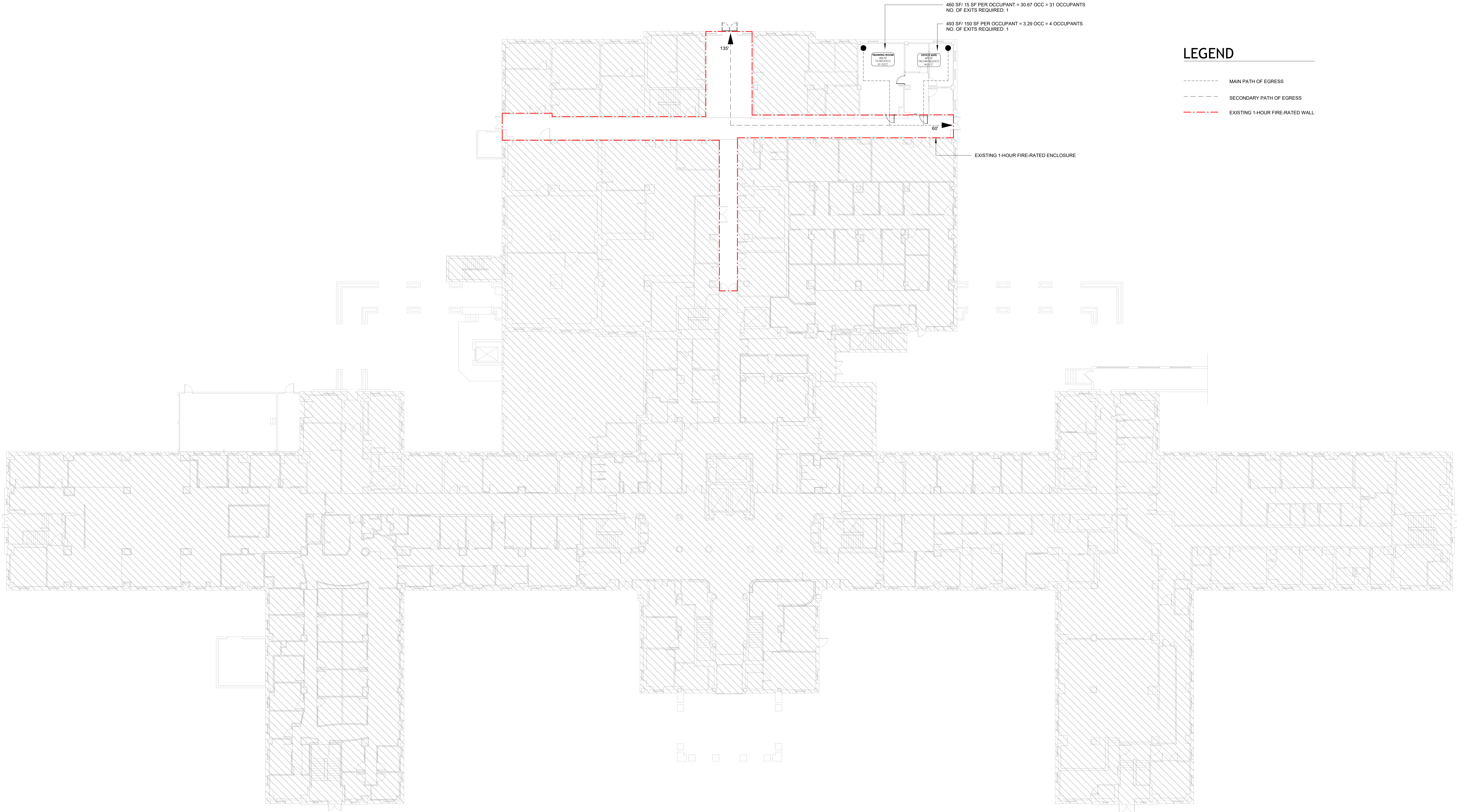
TYPE OF CONSTRUCTION: 1B. NO PROPOSED CHANGES

CODE PROVISIONS

EXISTING BUILDING: LEVEL 2 ALTERATION - ALTERATION. Any construction or renovation to an existing structure other than a repair or addition. Alterations are classified as Level 1, Level 2 and Level 3.

ALTERATION, LEVEL 2: Alterations include the reconfiguration of space, the addition or elimination of any door or window, the reconfiguration or extension of any system, or the installation of any additional equipment.

WORK AREA: That portion or portions of a building consisting of all reconfigured spaces as indicated on the construction documents. Work area excludes other portions of the building where incidental work entailed by the intended work must be performed and portions of the building where work not initially intended by the Owner is specifically required by this code.



LEGEND

- MAIN PATH OF EGRESS
- . - . - . SECONDARY PATH OF EGRESS
- - - - - EXISTING 1-HOUR FIRE-RATED WALL

A1 GROUND LEVEL LIFE SAFETY PLAN

ARCHITECT		
Hord Coplan Macht, Inc.		
700 E. Pratt St, Suite 1200	Baltimore, MD 21202	
p. 410. 837. 7311	f. 410. 837. 6530	
STRUCTURAL ENGINEER		
Consultant Name		
Street Address	City, State 00000	
p. 000.000.0000	f. 000.000.0000	
ME/P ENGINEER		
Consultant Name		
Street Address	City, State 00000	
p. 000.000.0000	f. 000.000.0000	
CIVIL ENGINEERS		
Consultant Name		
Street Address	City, State 00000	
p. 000.000.0000	f. 000.000.0000	

FITZSIMONS
GROUND FLOOR
RENO - RD&S

hord | coplan | macht

- ARCHITECTURE
- LANDSCAPE ARCHITECTURE
- PLANNING
- INTERIOR DESIGN



PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A QUALY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF COLORADO.
LICENSE NUMBER:
EXPIRATION DATE:

no.	date	revision
-----	------	----------

Project Name
FITZSIMONS GROUND FLOOR
RENO - RD&S

Project Number
223084.00

Date
09/18/2023

Scale
1/16" = 1'-0"

Drawing
GROUND LEVEL LIFE SAFETY
PLAN

PROJECT STATUS

DEMOLITION GENERAL NOTES

- REMOVE ANY ABANDONED CONDUIT, PIPING, HANGERS OR DUCT WORK ABOVE CEILING AS DIRECTED BY THE CU ANSCHUTZ CODE OFFICIAL.
- COORDINATE DEMOLITION AND CONSTRUCTION ACTIVITIES WITH THE OWNER'S REPRESENTATIVE TO MINIMIZE DISRUPTION OF NORMAL DAILY FUNCTIONS WITHIN OCCUPIED AREAS.
- KEEP NOISE DURING DEMOLITION AND CONSTRUCTION TO A MINIMUM WHEN OCCUPIED SPACES ARE IN USE.
- INSTALL TEMPORARY BARRICADES AND PARTITIONS TO PREVENT INJURY TO PERSONS IN AND AROUND DEMOLITION AND CONSTRUCTION AREAS IN ACCORDANCE WITH OSHA REQUIREMENTS. COORDINATE LOCATIONS AND INSTALLATION WITH OWNER'S REPRESENTATIVE.
- INSTALL DUST PARTITIONS IN ACCORDANCE WITH FIRE PROTECTION AND EGRESS REQUIREMENTS AND COORDINATE LOCATIONS AND INSTALLATION WITH THE OWNER'S REPRESENTATIVE.
- UPON REMOVAL OF TEMPORARY PARTITIONS, PATCH DISTURBED EXISTING AREAS TO MATCH EXISTING ADJACENT CONSTRUCTION. IF PAINTING IS REQUIRED, REPAINT ENTIRE WALL TO AVOID MISMATCH OF COLOR.
- DASHED LINES INDICATE WALLS AND ITEMS TO BE REMOVED.
- THE ITEMS IDENTIFIED TO BE REMOVED REPRESENT THE MAJOR ITEMS ONLY AND IN NO WAY TRY TO IDENTIFY ALL PIECES AND PARTS ASSOCIATED TO BE REMOVED.
- PROTECT EXISTING CONSTRUCTION SHOWN AS REMAINING. USE CAUTION WHEN REMOVING PARTITIONS, CEILINGS, AND OTHER CONSTRUCTION ADJACENT TO COLUMNS, BEAMS, AND OTHER STRUCTURAL ELEMENTS. AVOID DAMAGE TO THE EXISTING STRUCTURE TO REMAIN. REPAIR DAMAGE TO THE EXISTING CONSTRUCTION CAUSED BY WORK UNDER THIS CONTRACT.
- PROTECT EXISTING ITEMS, EQUIPMENT, DOORS, ETC. INDICATED TO REMAIN IN PLACE FROM DIRT AND DAMAGE DURING DEMOLITION AND CONSTRUCTION.
- THE OWNER SHALL RETAIN SALVAGED ITEMS THAT ARE OF VALUE AS DESIGNATED BY THE OWNER'S REPRESENTATIVE. THE OWNER'S REPRESENTATIVE WILL DIRECT THE CONTRACTOR AS TO THE LOCATION OF STORAGE AREA FOR VARIOUS ITEMS.
- WHERE PARTIAL DEMOLITION OF A WALL IS REQUIRED, COORDINATE EXTENT AND LOCATION OF REMOVED PORTION WITH NEW CONSTRUCTION PLAN AND FIELD CONDITIONS.
- AT POINTS OF CONSTRUCTION ACCESS, PROVIDE LABOR AND MATERIALS TO REPAIR ALL DISTURBED ELEMENTS.
- CLOSE OFF AND PATCH OPENINGS AND VOIDS LEFT BY THE REMOVAL OF EXISTING CONSTRUCTION, EQUIPMENT, PIPING, DUCTS, ELECTRICAL DEVICES, ETC. TO MAINTAIN PROPER FIRE RATING IN A RATED ASSEMBLY. PREPARE PATCHES TO RECEIVE NEW FINISHES AS REQUIRED TO MATCH EXISTING ADJACENT FINISHES.
- FIRESTOP PENETRATIONS IN FIRE RATED AND SMOKE PARTITIONS, IN NON-FIRE-RATED AND SMOKE PARTITIONS, SEAL PENETRATIONS WITH ACOUSTICAL SEALANT AND FILL WITH SOUND ATTENUATION BLANKETS.
- REVIEW EXISTING WALLS TO REMAIN THAT ARE FIRE-RATED OR SMOKE-TIGHT, AND NOTIFY THE A/E TEAM OF ANY PENETRATIONS WITHOUT APPROPRIATE CLOSURE ASSEMBLIES OR DUCTS WITHOUT FIRE/SMOKE DAMPERS.
- COORDINATE WITH MEP REQUIREMENTS FOR CONDITIONS THAT WILL DISTURB EXISTING CONDITIONS AND WHICH WILL REQUIRE SELECTIVE DEMOLITION, CUTTING AND PATCHING, AND FINISHING OUTSIDE OF THAT SHOWN ON THE DRAWINGS.

FITZSIMONS
GROUND FLOOR
RENO - RD&S

SHEET NOTES - DEMO RCP

NOTE #	NOTE
1	REMOVE (E) HOOD AND ANSUL SYSTEM. REMOVE ASSOCIATED SWITCH ON WEST WALL. RE: MEP DRAWINGS.
2	REMOVE (E) CEILING MOUNTED DEMONSTRATION MIRROR
3	REMOVE (3) MICROPHONES AND CAP JUNCTION BOX
4	REMOVE (E) ACOUSTIC TILE CEILING AND GRID AND RELATED LIGHT FIXTURES AND DIFFUSERS. PROTECT (1) FIRE SPRINKLERS, FIRE ALARM, AND ABOVE CEILING ITEMS TO REMAIN IN PLACE.
5	REMOVE (E) GYP BD SOFFIT AND RELATED LIGHT FIXTURES AND DIFFUSERS. PROTECT (E) FIRE SPRINKLERS, FIRE ALARM, AND ABOVE CEILING ITEMS TO REMAIN IN PLACE.
6	REMOVE (E) GYP BD BULKHEAD
7	REMOVE (E) CAMERAS. PATCH AND REPAIR WALL.
8	(E) GYP BOARD BULKHEAD AND SOFFIT TO REMAIN
9	REMOVE (E) GYP BOARD SOFFIT TO EAST WALL.
10	(E) GYP BOARD SOFFIT TO REMAIN
11	REMOVE AND SALVAGE 7 (E) FULL CEILING TILES (IN LIKE NEW CONDITION) FOR REUSE IN OFFICE SUITE.
12	REMOVE IN ENTIRETY (E) EXHAUST HOOD AND DUCTS BACK TO ROOF MOUNTED EXHAUST FAN.
13	REMOVE (E) GYP BD CEILING AS NEEDED TO ADDRESS CUST REMOVAL. PATCH, REPAIR AND PAINT GYP BD CEILING.
14	ALTERNATE 2: REMOVE (E) CEILING TILE, GRID, AND ASSOCIATED DIFFUSERS/RETURNS PANELS.
15	THE ABOVE CEILING SPACE SHALL BE CLEANED UP FROM ALL ABANDONED SYSTEMS.

hord | coplan | macht

ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN



PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A QUALIFIED ARCHITECT UNDER THE LAWS OF THE STATE OF COLORADO.
LICENSE NUMBER: 400328
EXPIRATION DATE:

no. date revision

Project Name
FITZSIMONS GROUND FLOOR
RENO - RD&S

Project Number
223084.00

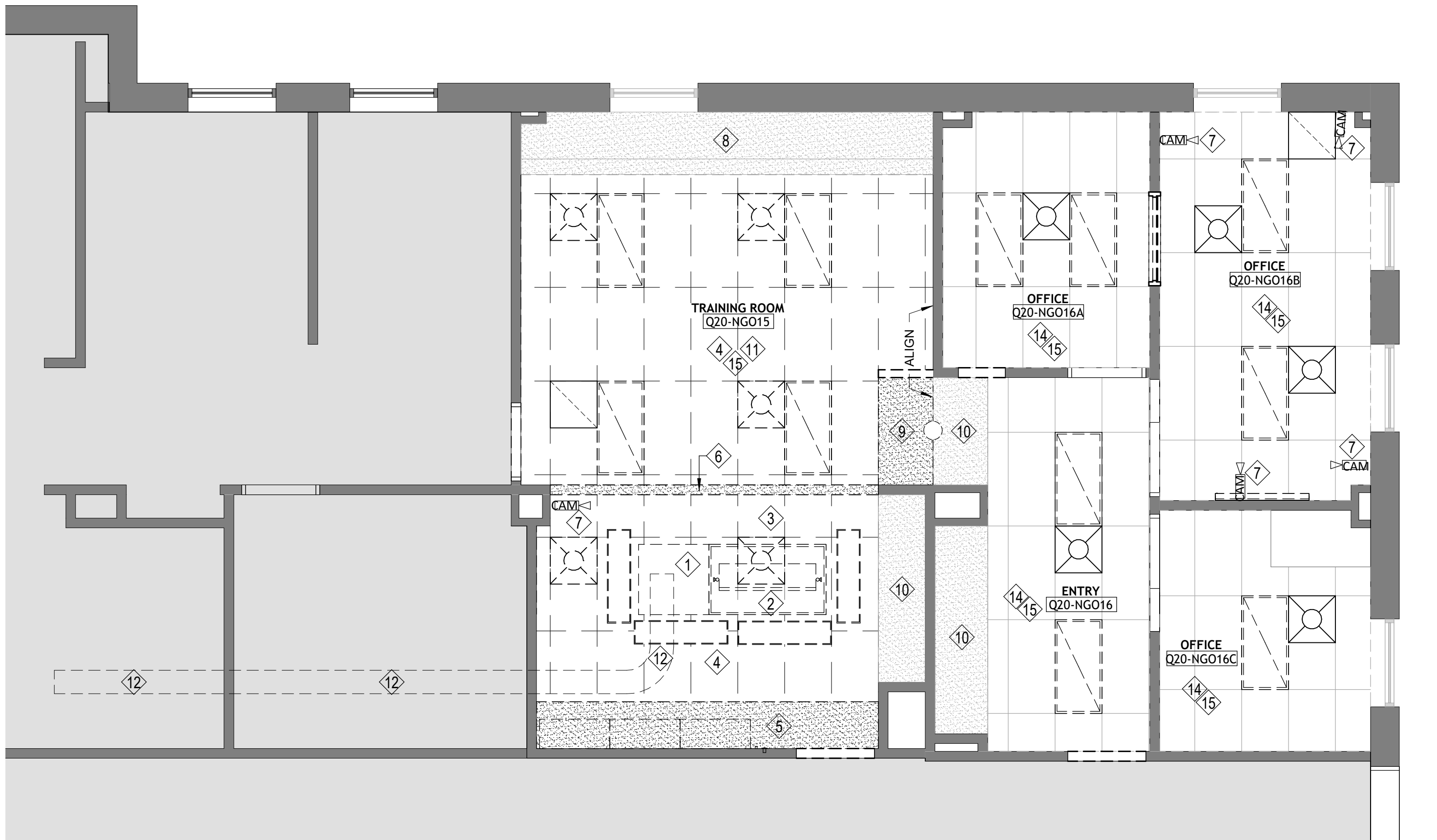
Date
09/18/2023

Scale
As indicated

Drawing
DEMOLITION PLAN AND
DEMOLITION REFLECTED
CEILING PLAN

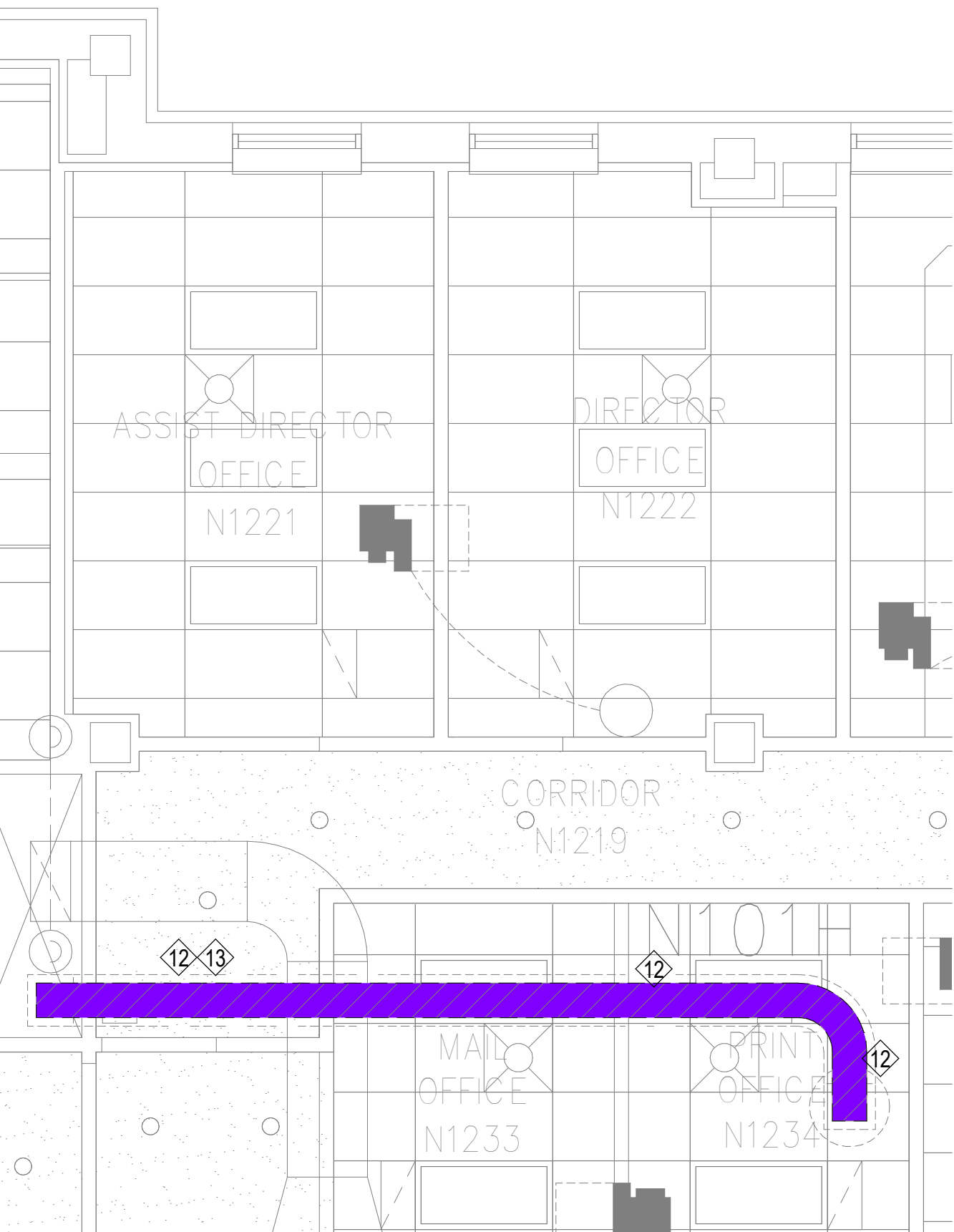
AD-100

PROJECT STATUS



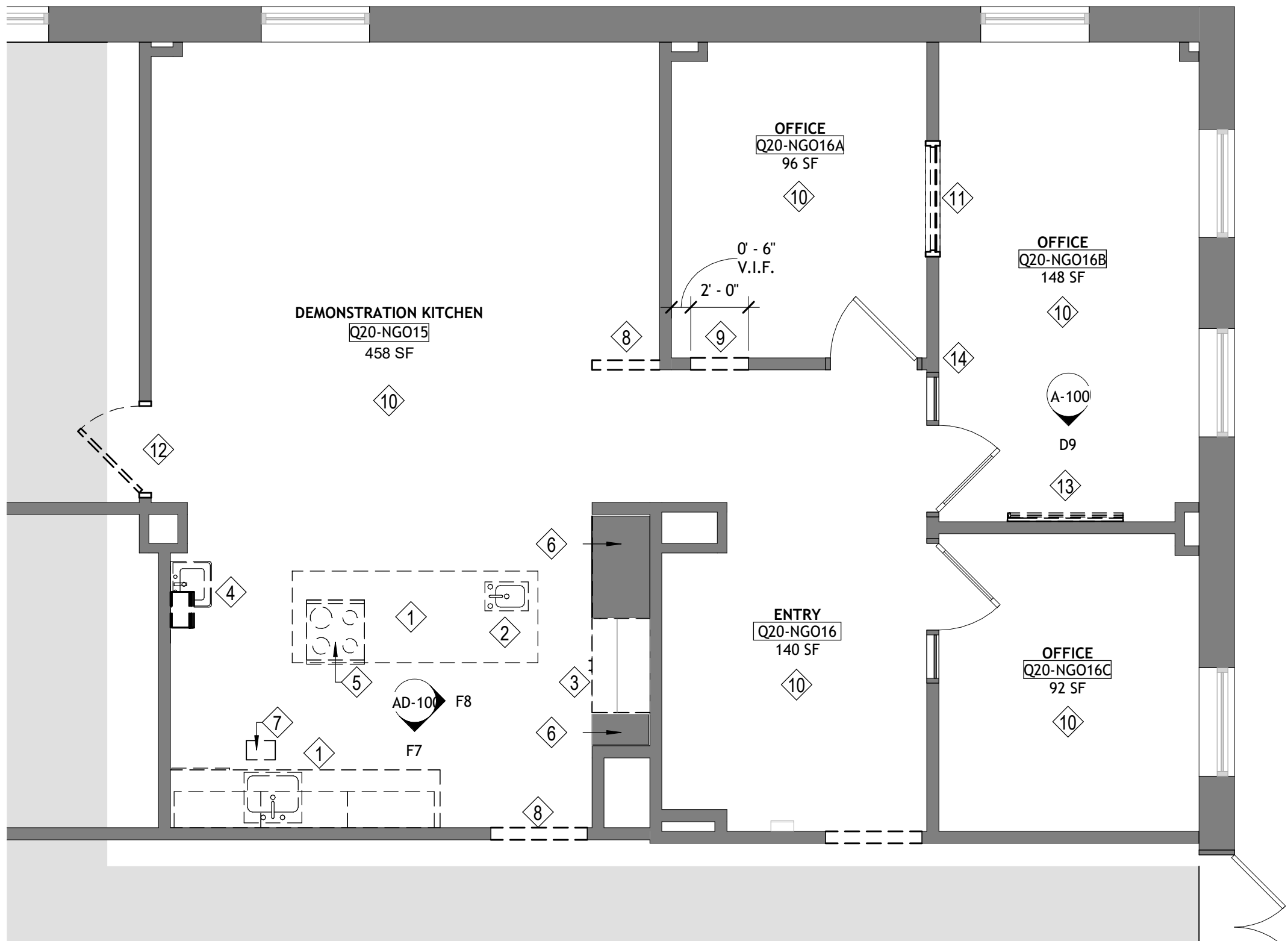
A5 GROUND FLOOR SUITE NG015 & NG016 -
DEMOLITION REFLECTED CEILING PLAN

A-100 AD-100 1/4" = 1'-0"



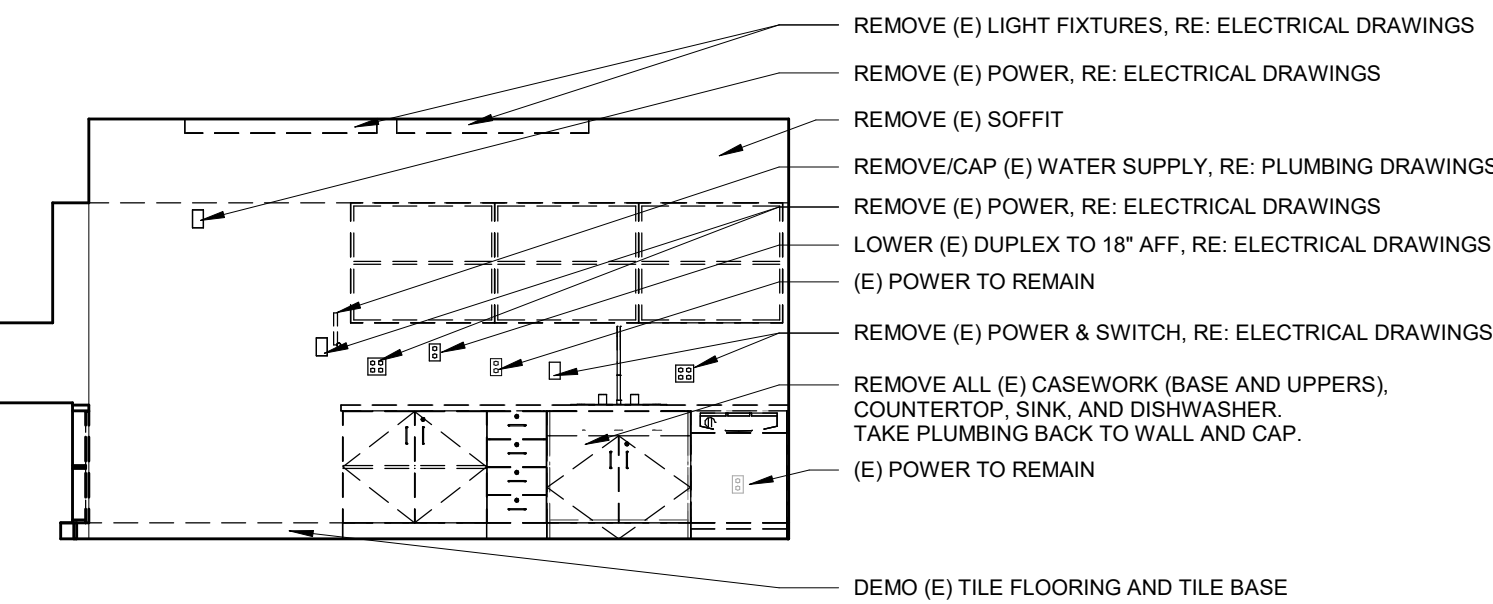
G5 DEMOLITION RCP - FIRST FLOOR

A-100 AD-100 1/4" = 1'-0"



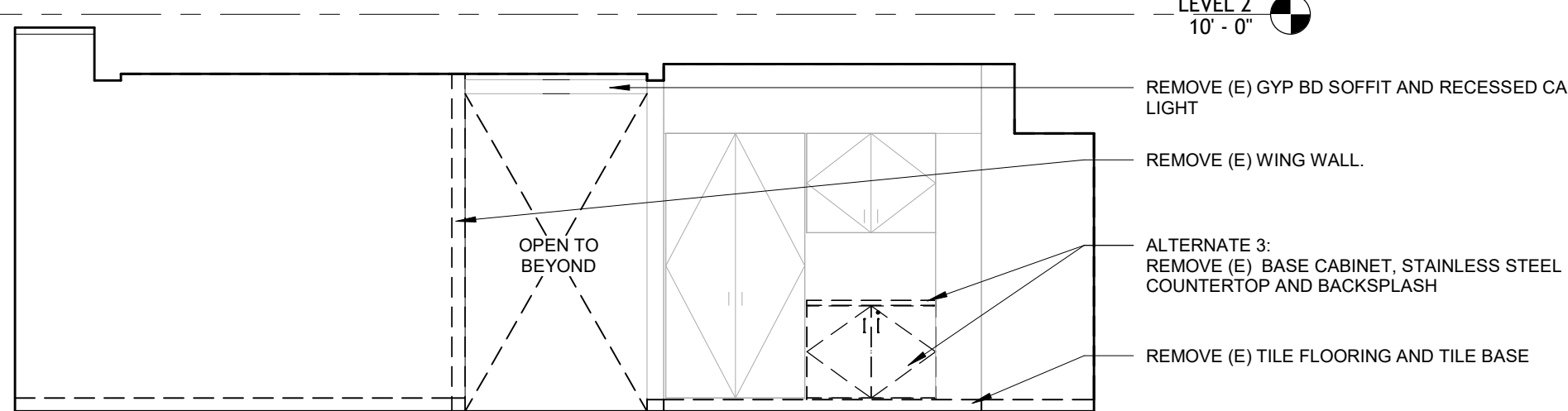
A9 GROUND FLOOR SUITE NG015 & NG016 -
DEMOLITION FLOOR PLAN

A-100 AD-100 1/4" = 1'-0"



F7 DEMONSTRATION KITCHEN (DEMO) - SOUTH

AD-100 AD-100 1/4" = 1'-0"



F8 DEMONSTRATION KITCHEN (DEMO) - EAST

AD-100 AD-100 1/4" = 1'-0"

DEMOLITION GENERAL NOTES

- REMOVE ANY ABANDONED CONDUIT, PIPING, HANGERS OR DUCT WORK ABOVE CEILING AS DIRECTED BY THE CU/ANSCHUTZ CODE OFFICIAL.
1. COORDINATE WITH THE OWNER'S REPRESENTATIVE TO MINIMIZE DISRUPTION OF NORMAL DAILY FUNCTIONS WITH OCCUPIED AREAS.
2. COORDINATE DEMOLITION AND CONSTRUCTION TO A MINIMUM WHEN OCCUPIED SPACES ARE IN USE.
3. INSTALL TEMPORARY BARRICADES AND PARTITIONS TO PREVENT INJURY TO PERSONS IN AND OUT OF DEMOLITION AND CONSTRUCTION AREAS IN ACCORDANCE WITH OSHA REQUIREMENTS. COORDINATE LOCATIONS AND INSTALLATION WITH OWNER'S REPRESENTATIVE.
4. INSTALL BARRICADES IN ACCORDANCE WITH FIRE PROTECTION AND EGRESS REQUIREMENTS AND COORDINATE LOCATIONS AND INSTALLATION WITH THE OWNER'S REPRESENTATIVE.
5. CONDUCT DEMOLITION OF TEMPORARY PARTITIONS. PATCH DISTURBED EXISTING AREAS TO MATCH EXISTING ADJACENT CONSTRUCTION. IF PAINTING IS REQUIRED, REPAIR ENTIRE WALL TO AVOID MISMATCH OF COLOR.
6. IDENTIFY ITEMS TO BE REMOVED. ITEMS TO BE REMOVED
7. THE ITEMS IDENTIFIED TO BE REMOVED REPRESENT THE MAJOR ITEMS ONLY AND IN NO WAY TRY TO IDENTIFY ALL PIECES AND PARTS ASSOCIATED TO BE REMOVED.
8. DEMOLITION OF EXISTING CONSTRUCTION SHALL INCLUDE THE REMOVAL OF ALL EXISTING REMOVING PARTITIONS, CEILINGS, AND OTHER CONSTRUCTION ADJACENT TO COLUMNS, BEAMS, AND OTHER STRUCTURAL ELEMENTS. AVOID DAMAGE TO THE REMAINING EXISTING CONSTRUCTION. AVOID DAMAGE TO REMAINING CONSTRUCTION CAUSED BY WORK UNDER THIS CONTRACT.
9. PROTECT EXISTING ITEMS, EQUIPMENT, DOORS, ETC., INDICATED TO REMAIN IN PLACE AND NOT BE REMOVED OR DAMAGED BY DEMOLITION OR CONSTRUCTION.
10. THE OWNER SHALL RETAIN SALVAGED ITEMS THAT ARE OF VALUE AS DESIGNATED BY THE OWNER'S REPRESENTATIVE. THE OWNER'S REPRESENTATIVE WILL DIRECT THE DEMOLITION TO THE ITEMS TO BE SALVAGED.
11. WHERE PARTIAL DEMOLITION OF A WALL IS REQUIRED, COORDINATE EXTENT AND LOCATION OF REMOVED PORTION WITH NEW CONSTRUCTION PLAN AND FIELD CONDITIONS.
12. AT POINTS OF CONSTRUCTION ACCESS, PROVIDE LABOR AND MATERIALS TO REPAIR ALL DISTURBED ELEMENTS.
13. CLOSE ALL GAPS AND OPENINGS AND VOIDS LEFT BY THE REMOVAL OF EXISTING CONSTRUCTION, EQUIPMENT, PIPING, DUCTS, ELECTRICAL DEVICES, ETC. TO MAINTAIN EXISTING WALL AND CEILING FINISHES. PATCH AND FINISH TO MATCH EXISTING TO RECEIVE NEW FINISHES AS REQUIRED TO MATCH EXISTING ADJACENT FINISHES.
14. FIRST-PO PENETRATIONS IN FIRE RATED AND SMOKE PARTITIONS, IN NON-FIRE-RATED PARTITIONS, AND IN WALLS AND CEILING PARTITIONS WITH ACOUSTICAL SEALANT AND FILL WITH SOUND ATTENUATION BLANKETS.
15. REPAIR EXISTING WALLS TO REMAIN THAT ARE FIRE-RATED OR SMOKE-TIGHT, AND REPAIR A TEAM OF QUALIFIED PERSONNEL TO REPAIR APPROPRIATE CLOSURE ASSEMBLIES OR DUCTS WITHOUT FIRE/SMOKE DAMPERS.
16. COORDINATE WITH MEP REQUIREMENTS FOR CONDITIONS THAT WILL DISTURB EXISTING MECHANICAL SYSTEMS AND EQUIPMENT. COORDINATE WITH MECHANICAL CUTTERS AND PATCHING, AND FINISHING OUTSIDE OF THAT SHOWN ON THE DRAWINGS.

ARCHITECT
Hord Coplan Macht, Inc.
700 E. Pratt St., Suite 1200
p. 410. 837. 7311
Baltimore, MD 21202
f. 410. 837. 6530

STRUCTURAL ENGINEER

Consultant Name	
Street Address	City, State 00000
p. 000.000.0000	f. 000.000.0000

M/E/P ENGINEER

Consultant Name	
Street Address	City, State 00000
p. 000.000.0000	f. 000.000.0000
<hr/>	
CIVIL ENGINEERS	
Consultant Name	
Street Address	City, State 00000
p. 000.000.0000	f. 000.000.0000

FITZSIMONS
GROUND FLOOR
RENO - RD&S

hord | coplan | macht

ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN



PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE
PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT
UNDER THE LAWS OF THE STATE OF COLORADO.
LICENSE NUMBER:
EXPIRATION DATE:

no.	date	revision
-----	------	----------

Project Name
FITZSIMONS GROUND FLOOR
RENO - RD&S

Project Number
223084.00

Date _____
09/18/2023

Scale _____
As indicated

Drawing

DEMOLITION ROOF PLAN &
DETAILS

AD-101

PROJECT STATUS

© Hord Coplan Macht, Inc.

5/15/2023 9:02:36 AM
J:\2023\223084.00_CU-Anschutz Fitz 1st Floor\07 Drawings\01 ARCH\01 REVIT
CENTRAL\223084.00_CU-Anschutz Fitz 1st Floor_R22.rvt



REFLECTED CEILING PLAN NOTES

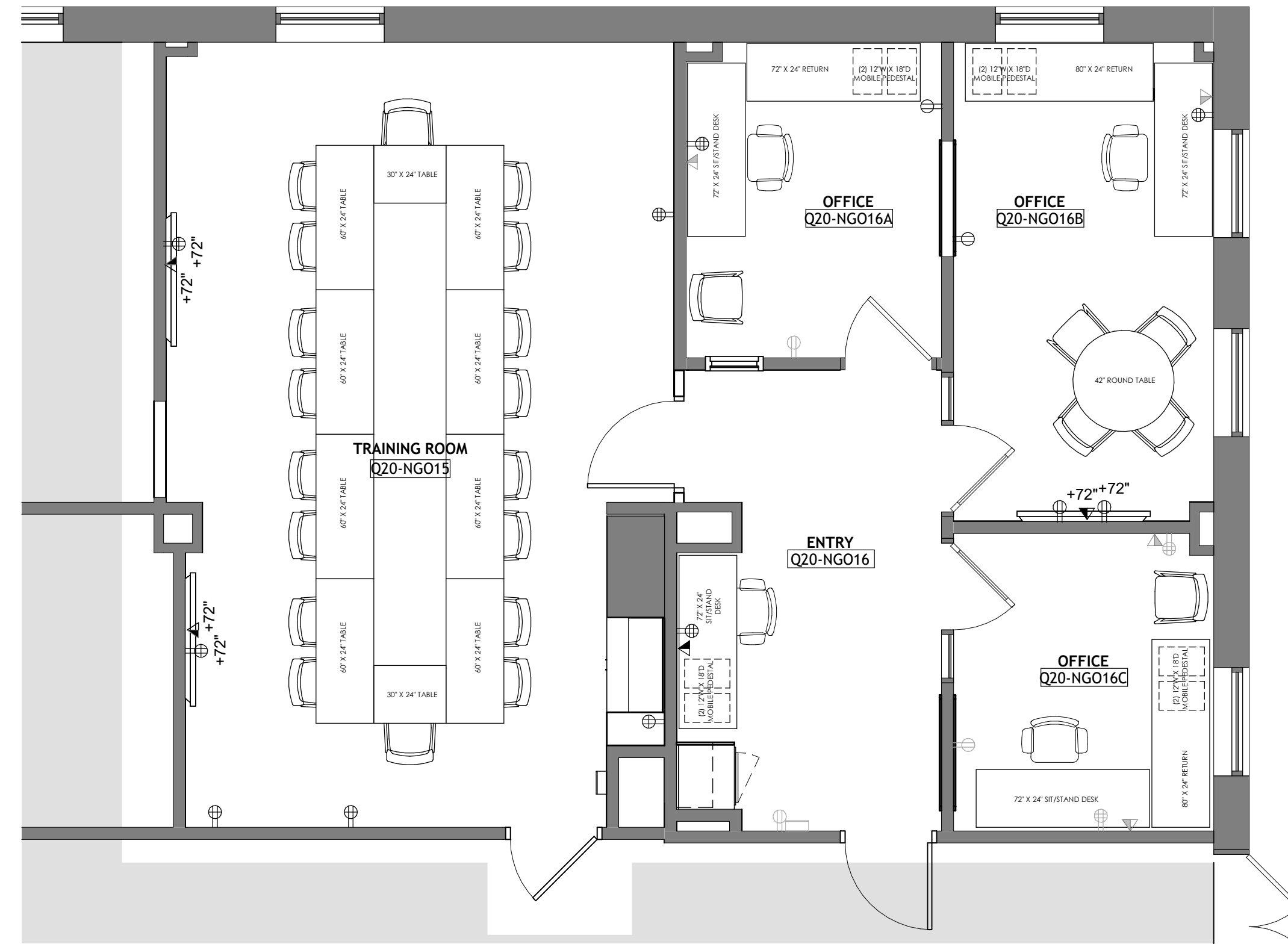
1. TYPICAL CEILING HEIGHT SHALL BE 8'-10" A.F.F. UNO.
2. COORDINATE CEILING WORK WITH DEMOLITION AND NEW CONSTRUCTION PLANS, INCLUDING, BUT NOT LIMITED TO: RADIANT PANELS, MECHANICAL & ELECTRICAL WORK.
3. CENTER CEILING GRIDS IN ROOM UNLESS SHOWN OTHERWISE.
4. CENTER SPRINKLER HEADS WITHIN THE APPROPRIATE CEILING PANELS OR LOCATE IN A SYMMETRICAL PATTERN IN A GYPSUM BOARD CEILING.
5. REFER TO FINISH SCHEDULE FOR ACOUSTICAL PANEL TYPES AND PAINTED GYPSUM BOARD SURFACES FOR FINISH TYPE, STYLE, AND COLOR INFORMATION.
6. LOCATE CEILING DEVICES IN THE CENTER OF CEILING PANELS, UNO.
7. COORDINATE ALL TRADES INVOLVED IN ABOVE-CEILING WORK TO ENSURE CLEARANCE FOR FIXTURES, DUCTS, CEILING, ETC. NECESSARY TO MAINTAIN THE SPECIFIED CEILING HEIGHT ABOVE THE FINISHED FLOOR. NOTIFY ARCHITECT OF ANY CONFLICTS.

SHEET NOTES - REFLECTED CEILING PLANS

NOTE #	NOTE
1	INSTALL (N) CEILING TILE AND GRID, 4"x48" LED LIGHT FIXTURES, DIFFUSERS AND RETURNS.
2	ALTERNATE 2: INSTALL (N) CEILING TILE, GRID, DIFFUSERS AND RETURNS.
3	PAINT EXISTING GYP BD BULK HEAD.
4	PATCH AND REPAIR GYP BD CEILING, PAINT.
5	PAINT EXISTING GYP BD SOFFIT.

REFLECTED CEILING PLAN LEGEND

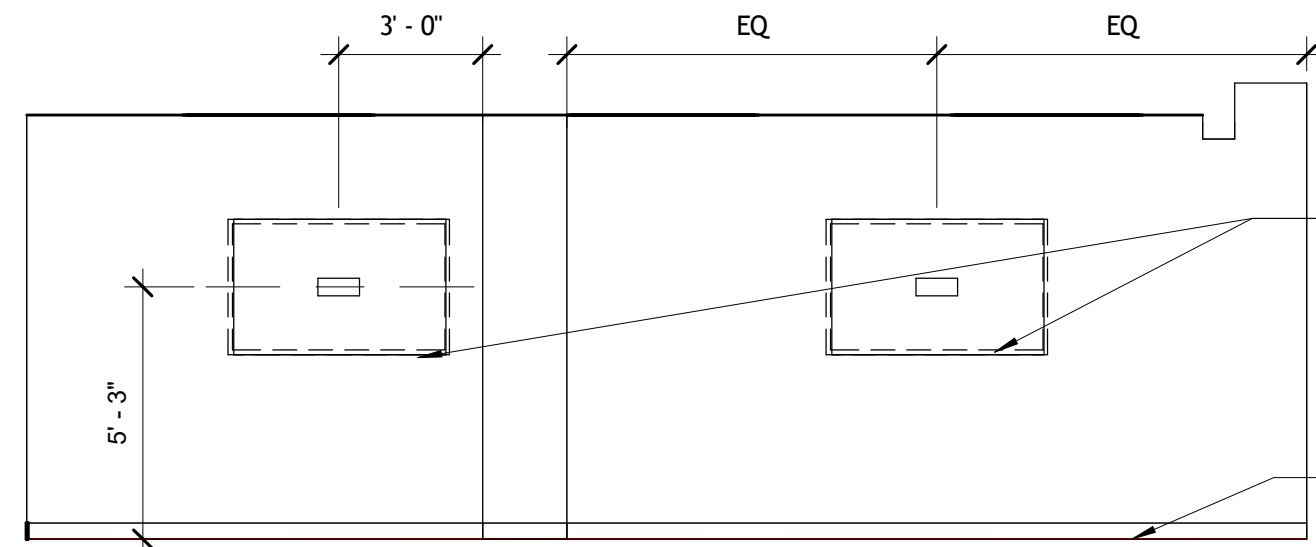
- C-1** EXISTING 2'x4' SUSPENDED ACOUSTICAL TILE CEILING W/ EXPOSED SUSPENSION GRID
- C-2** NEW 2'x4' SUSPENDED GROOVED ACOUSTICAL TILE CEILING W/ EXPOSED SUSPENSION GRID
- C-3** EXISTING GYPSUM BOARD CEILING
- RECESSED LED LIGHT FIXTURE
- RETURN REGISTER
- SUPPLY DIFFUSER



G4 GROUND FLOOR SUITE NG015 & NG016 - FURNITURE PLAN

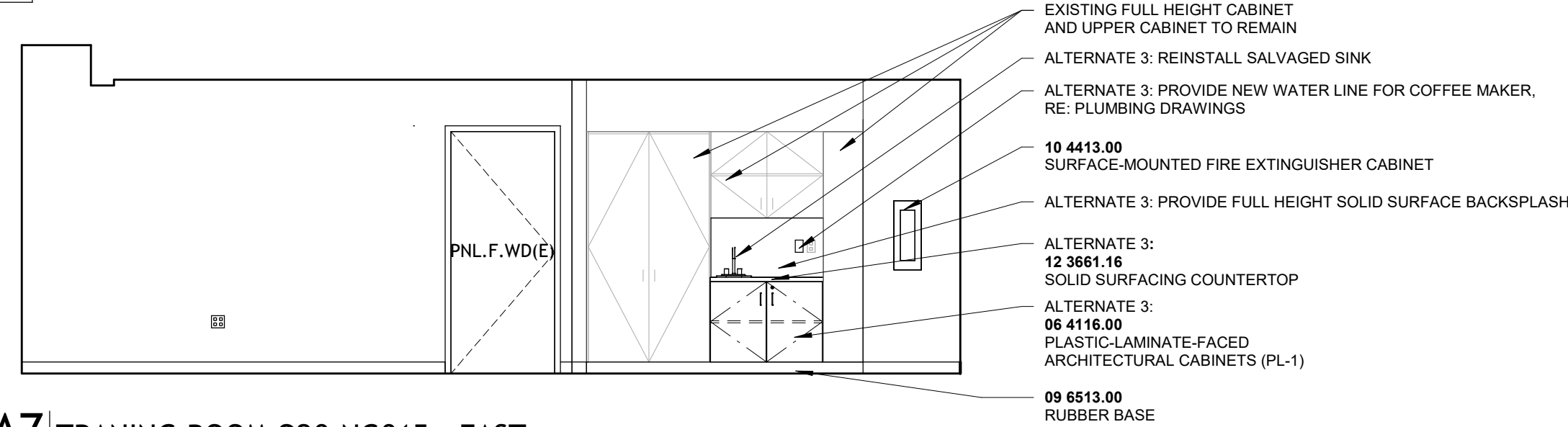
A4 GROUND FLOOR SUITE NG015 & NG016 - REFLECTED CEILING PLAN

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



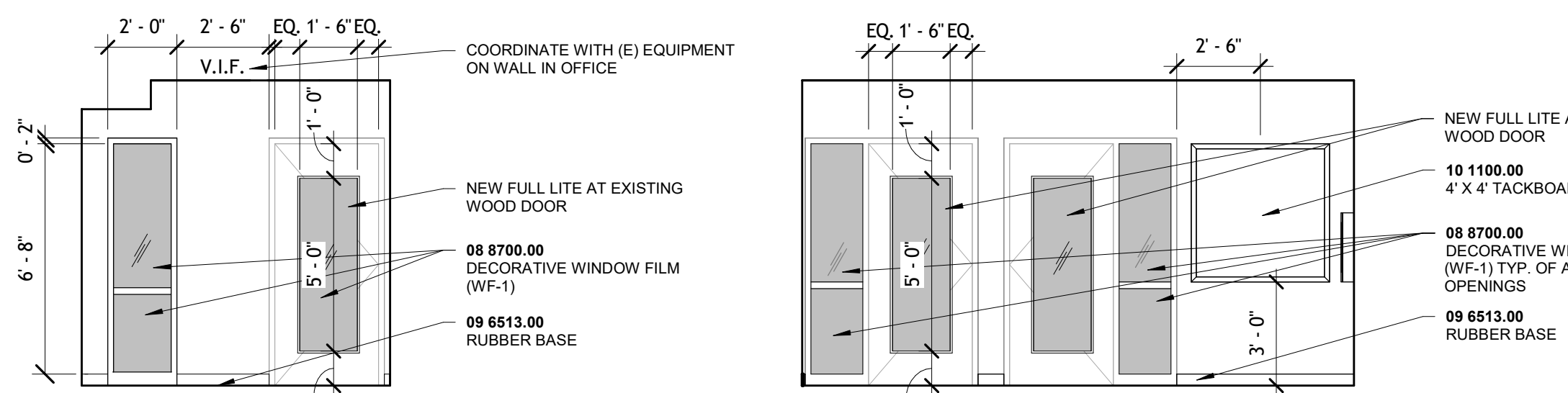
A6 TRAINING ROOM Q20-NG015 - WEST

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



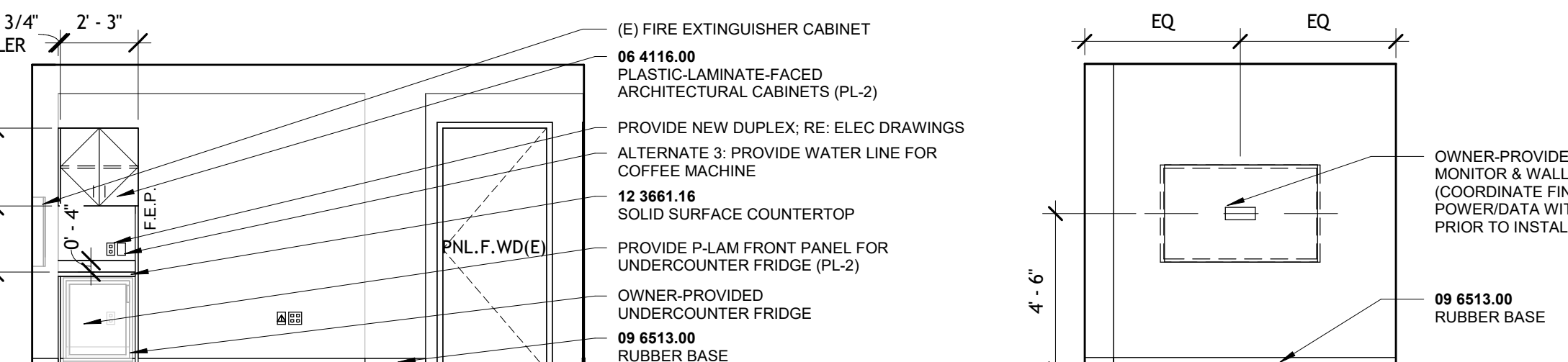
A7 TRAINING ROOM Q20-NG015 - EAST

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



A8 ENTRY Q20-NG016 - NORTH

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



A9 ENTRY Q20-NG016 - WEST

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

C8 ENTRY Q20-NG016 - EAST

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

D9 OFFICE Q20-NG016B - SOUTH

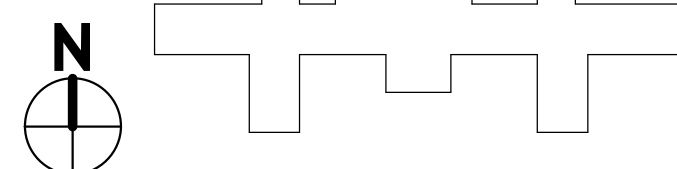
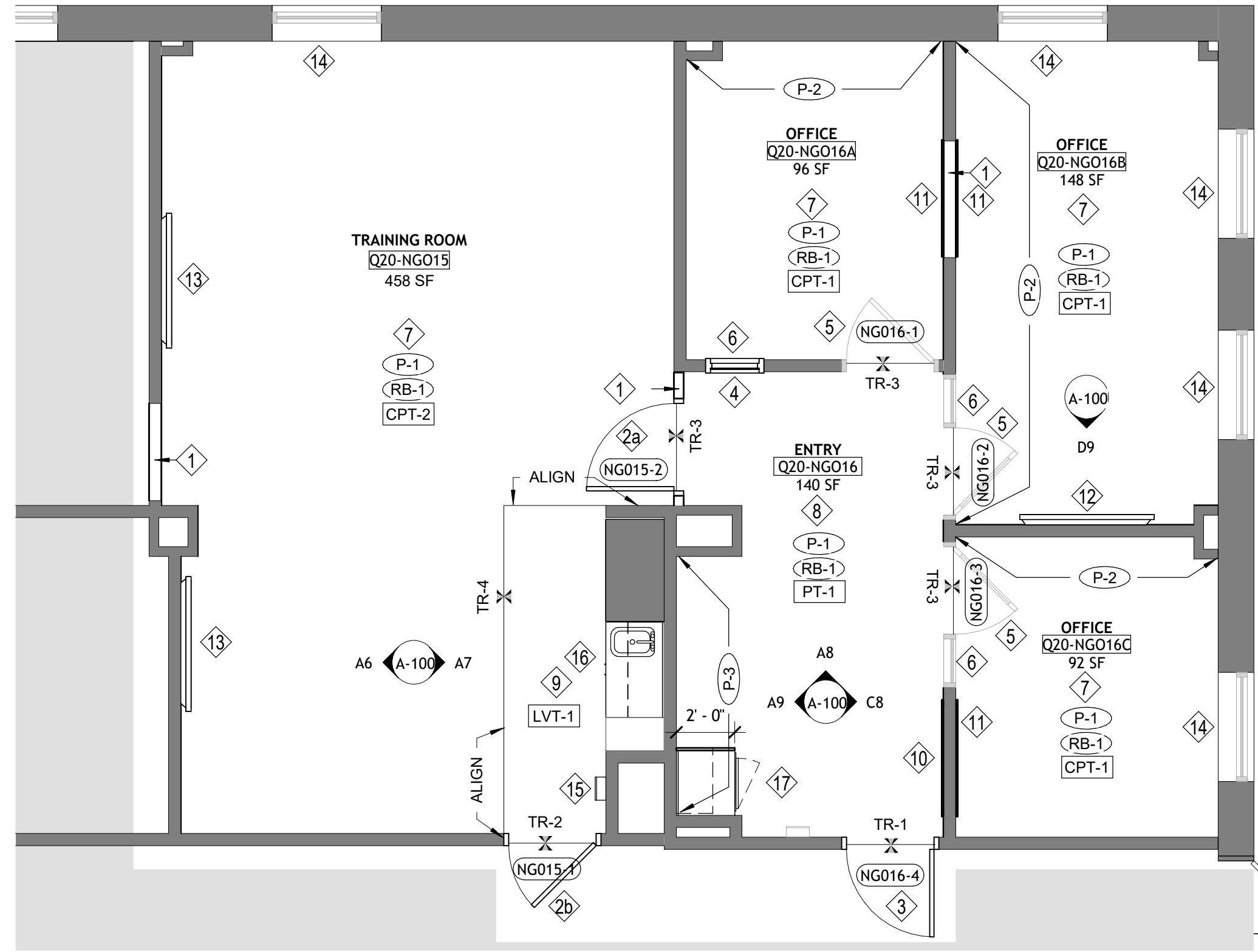
A-100 A-100 1/4" = 1'-0"

E9 GROUND FLOOR SUITE NG015 & NG016 - FLOOR PLAN

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

FINISH LEGEND

CSI SECTION NUMBER	CSI SECTION NAME	TYPE	CODE	MANUFACTURER	PRODUCT	SIZE	COLOR	REMARKS
Division 5								
06 4116	PLASTIC-LAMINATE-FACED ARCHITECTURAL CABINETS	PLASTIC LAMINATE CABINETS	PL-1	TBD	-	-	MATCH EXISTING IN TRAINING ROOM	BASE CABINET IN TRAINING ROOM
06 4116		PLASTIC LAMINATE CABINETS	PL-2	FORMICA	-	-	SWIDE RIFT OAK (OILED WOOD FINISH)	OFFICE SUITE ENTRY
Division 8								
08 8700	ARCHITECTURAL WINDOW FILMS	DECORATIVE WINDOW FILM	WF-1	SKYLINE	FILM STUDIO - GRADIENT - BOTTOM TO TOP	VARIES; RE: INTERIOR ELEVATIONS	WHITE ON CLEAR FILM	OFFICE SUITE, CONTACT: KRISTI NELSON, (720)998-1377, KRISTI@THEWORKLIFEGROUP.COM
Division 9								
09 3013	CERAMIC TILING	PORCELAIN FLOOR TILE	PT-1	DALTILE	CHORD	12" X 24", 1/8" GROUT	FORTE GREY CH25	OFFICE SUITE
09 5113	ACOUSTIC PANEL CEILINGS	ACOUSTIC PANEL CEILING	C-1	ARMSTRONG	CIRRUS SECOND LOOK - PATTERN 3	24" X 48"	WHITE	TRAINING ROOM; ALTERNATE 2 FOR OFFICE SUITE
09 6513	RESILIENT BASE AND ACCESSORIES	RESILIENT BASE	RB-1	TARKETT	THERMOSET RUBBER (TYPE TS)	4TH COVE	63 BURNT UMBER	PROVIDE ROLLED GOODS WITH PREFORMED CORNERS
09 6519	RESILIENT TILE FLOORING	LUXURY VINYL TILE	LVT-1	MILLIKEN	FORTIFIED FOUNDATIONS 5.0MM - POLISHED CONCRETE	18" X 36"	POL144 SCORING	ALTERNATE 3
09 6813	TILE CARPETING	CARPET (FIELD)	CPT-1	MILLIKEN	TRUE NORTH	50 CM X 50 CM	OOLITH TRU174	OFFICES
09 6813	CARPET (FIELD)	CARPET (FIELD)	CPT-2	MILLIKEN	LAYLINES	50 CM X 50 CM	SWEATER - LLN173-06	TRAINING ROOM
09 9123	INTERIOR PAINTING	PAINT (FIELD)	P-1	SHERWIN WILLIAMS	SEMI-GLOSS	-	NEBULOUS WHITE SW7063	
09 9123		PAINT (ACCENT)	P-2	SHERWIN WILLIAMS	SEMI-GLOSS	-	ELLIE GRAY SW7650	
09 9123		PAINT (ACCENT)	P-3	SHERWIN WILLIAMS	SEMI-GLOSS	-	SMOKEY BLUE SW7604	
09 9123		PAINT (CEILING)	P-4	SHERWIN WILLIAMS	FLAT	-	EXTRA WHITE SW7006	
09 9123		PAINT (HM DOOR/WINDOW FRAMES)	P-5	SHERWIN WILLIAMS	SEMI-GLOSS	-	IRON ORE SW7089	
Division 10								
10 1100	VISUAL DISPLAY UNITS	MARKER BOARD	MB-1	CLARIDGE	SERIES 200	4' X 4'	WHITE	OFFICE SUITE
10 1100	TACK BOARD	TACK BOARD	TB-1	CLARIDGE	SERIES 200	4' X 4'	OYSTER	OFFICE SUITE
Division 12								
12 2413	ROLLER WINDOW SHADES	MANUAL ROLLER WINDOW SHADES	RWS-1	TBD	TBD	WIDTH TO BE FIELD VERIFIED	WHITE	OFFICE SUITE, TRAINING ROOM
12 3661.16	SOLID SURFACING COUNTERTOPS	SOLID SURFACE COUNTERTOP & BACKSPLASH	SS-1	FORMICA	EVERFORM SOLID SURFACE	1/2" THICK SLAB	BLANCO TERRAZZO	MITER CORNERS FOR SQUARE EDGE 1-1/2" THICK



GENERAL PLAN NOTES

1. FIELD VERIFY EXISTING OR CURRENT CONSTRUCTION RELATED CONDITIONS PRIOR TO THE START OF NEW CONSTRUCTION.
2. IMMEDIATELY NOTIFY ARCHITECT OF DISCREPANCIES FOUND BETWEEN FIELD CONDITIONS AND DRAWINGS.
3. DIMENSIONS SHOWN ARE TO FACE OF FINISHED GYPSUM BOARD.
4. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OR INSTALLATION OF BUILDING COMPONENTS.
5. MECHANICAL, ELECTRICAL, AND PLUMBING (M.E.P.) ITEMS AND EQUIPMENT APPEARING ON ARCHITECTURAL DRAWINGS ARE SHOWN FOR CLARITY, AND ARE NOT MEANT TO BE ALL INCLUSIVE. SEE APPROPRIATE M.E.P. SHEETS FOR ADDITIONAL INFORMATION.
6. FOR DOOR TYPES, SEE SHEET A-101.
7. WHERE ROOMS WITH DIFFERENT PARTITION REQUIREMENTS ARE ADJACENT, INSTALL A PARTITION WITH THE GREATER FIRE-RATING, PRESSURE-RATING, AND STC-RATING BETWEEN THEM.
8. AT INTERSECTION OF DISSIMILAR PARTITION TYPES, HIGHEST RATED PARTITION SHALL RUN THROUGH THE INTERSECTION TO MAINTAIN ENCLOSURE. MAINTAIN RATING OF RATED PARTITION AT INTERSECTION WITH COLUMN ENCLOSURES BY EXTENDING ENCLOSURE AROUND COLUMN.
9. WHERE TWO DIFFERENT PARTITION SYSTEMS ADJUT, THE FINISH GYPSUM BOARD FACE SHALL BE FLUSH.
10. PROVIDE BLOCKING TO SUPPORT WALL-MOUNTED EQUIPMENT, CASEWORK, AND ACCESSORIES. COORDINATE SPECIFIC PLACEMENT OF BLOCKING WITH EQUIPMENT AND ACCESSORIES REQUIREMENTS.
11. PROTECT OPENINGS FOR ITEMS RECESSED INTO RATED PARTITIONS (SUCH AS OUTLET BOXES, PANEL BOXES, ETC.) WITH BACKUP MATERIALS SO AS TO RETAIN THE INTEGRITY OF THE PARTITION RATING.
12. FIRESTOP PENETRATIONS IN FIRE-RATED AND SMOKE PARTITIONS, IN NON-FIRE-RATED AND SMOKE PARTITIONS, SEAL PENETRATIONS WITH AN ACOUSTICAL SEALANT AND FILL WITH SOUND ATTENUATION BLANKETS.
13. REVIEW EXISTING WALLS TO REMAIN THAT ARE FIRE-RATED OR SMOKE-TIGHT, AND NOTIFY THE A/E TEAM OF ANY PENETRATIONS WITHOUT APPROPRIATE CLOSURE ASSEMBLIES OR DUCTS WITHOUT FIRE-SMOKE DAMPERS.
14. REPAIR SPRAY-ON FIREPROOFING DAMAGED DURING CONSTRUCTION.
15. CONFIRM EACH LOCATION FOR WALL MOUNTED ITEMS INCLUDING, BUT NOT LIMITED TO, EQUIPMENT, ACCESSORIES, OUTLETS, ETC. WITH THE OWNER PRIOR TO INSTALLATION.
16. PATCH EXISTING CONCRETE FLOOR SLAB AS NECESSARY TO PRODUCE A FLAT, LEVEL SURFACE FOR APPLICATIONS OF NEW FINISHES. AT SPACES RECEIVING CARPET, CONCRETE FLOORS SHALL BE A CLEAN, DRY SURFACE FREE OF CRACKS, MOISTURE, OIL, GREASE, DIRT AND ANY FOREIGN MATERIALS.
17. ALL RATED WALL ASSEMBLIES SHALL BE BROUGHT UP TO CODE REQUIREMENTS IF FOUND TO BE UNACCEPTABLE.

SHEET NOTES - CONSTRUCTION PLANS

NOTE #	NOTE
1	INFILL WALL WITH METAL STUDS AND DRYWALL TO MATCH EXISTING PARTITION WIDTH AND CONDITIONS.
2	INSTALL SALVAGED SOLID PANEL WOOD DOOR AND HOLLOW METAL FRAME.
3	INSTALL SALVAGED WOOD DOOR WITH NARROW LITE AND HOLLOW METAL FRAME.
4	PROVIDE NEW FIRE-RATED WOOD DOOR WITH FULL GLASS LITE AND HOLLOW METAL FRAME.
5	INSTALL (N) WINDOW AND HOLLOW METAL FRAME TO MATCH EXISTING IN OFFICE SUITE.
6	CUT OPENING IN EXISTING WOOD DOOR TO INSTALL DOOR LITE WITH WOOD TRIM. REFER TO INTERIOR ELEVATION F3A-101. INSTALL FROSTED VINYL FILM ON OFFICE SIDE OF NEW LITE TO ALIGN WITH SIDELIGHT.
7	PROVIDE FROSTED VINYL FILM ON OFFICE SIDE OF SIDELIGHT.
8	PROVIDE (N) CARPET TILE, RUBBER BASE, AND PAINT THROUGHOUT ROOM.
9	ALTERNATE 3: PROVIDE (N) LVT IN FRONT OF CASEWORK.
10	PROVIDE (N) 4'X4' TACKBOARD.
11	PROVIDE (N) 4'X4' MARKERBOARD.
12	ED FLAT SCREEN TELEVISION MONITOR.(COORDINATE FINAL HEIGHT OF MONITOR WITH OVERLAP)
13	ALTERNATE 4: INSTALL (N) OWNER-PROVIDED FLAT SCREEN TELEVISION MONITOR.
14	PROVIDE (N) ROLLER WINDOW SHADE.
15	PROVIDE (N) SURFACE-MOUNTED FIRE EXSTINGUISHER CABINET. VERIFY IN FIELD THAT NEW ENTRY DOOR DOES NOT INTERFERE WITH F.E.C. CABINET PRIOR TO INSTALLATION.
16	ALTERNATE 3: PROVIDE (N) BASE CABINET, COUNTERTOP, BACKSPLASH, AND INSTALL SALVAGED SINK.
17	PROVIDE (N) UPPER CABINET, COUNTERTOP, BACKSPLASH, FINISHED END PANEL, AND UNDERCOUNTER REFRIGERATOR WITH PANEL KIT.

FLOOR PLAN LEGEND

- SHEET NOTE**
- WALL FINISH**
- FLOOR FINISH**
- MISC. FINISH**
- FLOORING TRANSITION TAG**

FLOORING TRANSITION LEGEND

- TR-1: PORCELAIN TILE (PT) TO EXISTING TILE SCHLUTER RENO-V OR RENO-T (FIELD VERIFY HEIGHT DIFFERENCE)
- TR-2: LUXURY VINYL TILES (LVT) TO EXISTING TILE TARKETT RUBBER TRANSITION CT-XX-L 1/4" TO 3/8" (FIELD VERIFY HEIGHT DIFFERENCE)
- TR-3: PORCELAIN TILE (PT) TO CARPET TILE (CPT) SCHLUTER RENO-TK 3/8" TO 1/4"

- NOTES:
- 1. ALL TRANSITIONS TO BE CENTERED ON DOOR LEAF.
- 2. TARKETT TRANSITION COLOR TO MATCH RB-1.

ARCHITECT
Hord Coplan Macht, Inc.
700 E. Pratt St, Suite 1200
p. 410. 837. 7311 Baltimore, MD 21202
f. 410. 837. 6530

STRUCTURAL ENGINEER
Consultant Name
Street Address
p. 000.000.0000 City, State 00000
f. 000.000.0000

M/E/P ENGINEER
Consultant Name
Street Address
p. 000.000.0000 City, State 00000
f. 000.000.0000

CIVIL ENGINEERS
Consultant Name
Street Address
p. 000.000.0000 City, State 00000
f. 000.000.0000

FITZSIMONS
GROUND FLOOR
RENO - RD&S

hord | coplan | macht

ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN



PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF COLORADO.
LICENSE NUMBER: 400629
EXPIRATION DATE:

no. date revision

Project Name
FITZSIMONS GROUND FLOOR
RENO - RD&S

Project Number
223084.00

Date
09/18/2023

Scale
As indicated

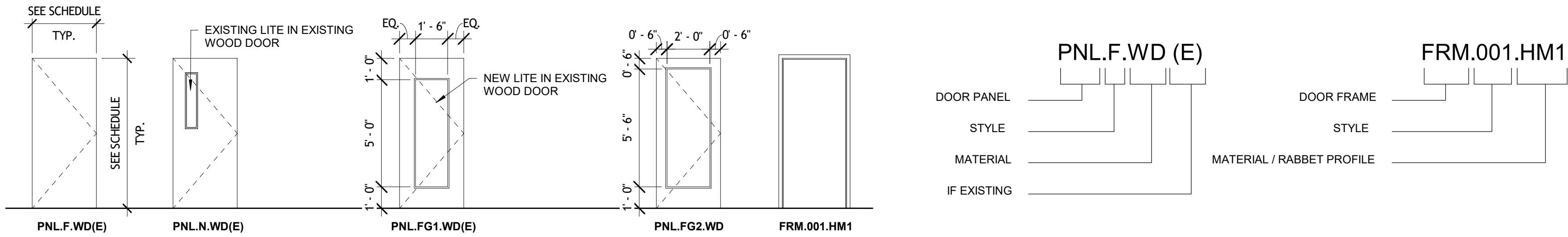
Drawing
CONSTRUCTION PLAN AND
REFLECTED CEILING PLAN

A-100

PROJECT STATUS

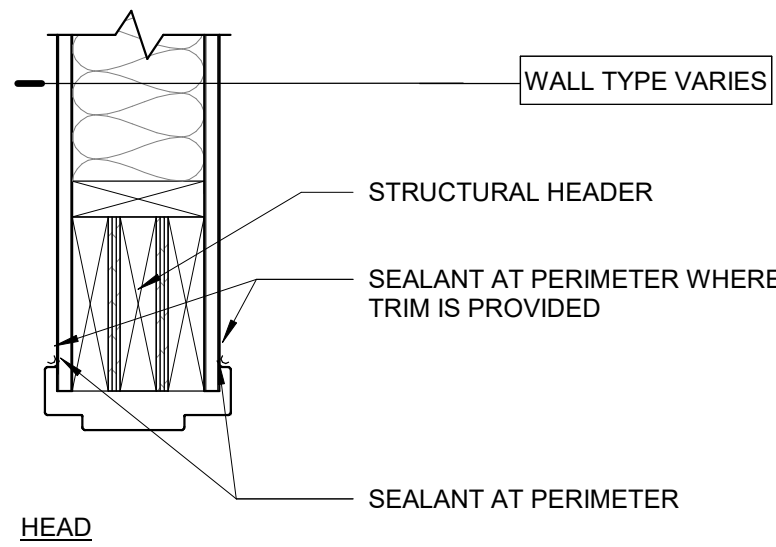
© Hord Coplan Macht, Inc.

DOOR/FRAME SCHEDULE																
MARK	ROOM NAME	WIDTH	HEIGHT	THICKNESS	SINGLE /PAIR	DOOR			FRAME			FIRE RATING	HARDWARE	DETAILS		COMMENTS
						TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH			HEAD	JAMB	
NG015-1	TRAINING ROOM	3'-0"	7'-0"	0'-1 3/4"	S	PNL.N.WD(E)	WD	EXISTING FINISH TO REMAIN	FRM.001.HM1	HM	PTD	1 HR	E-01	J5/A-101	K5/A-101	REINSTALL SALVAGED DOOR AND HM FRAME
NG015-2	TRAINING ROOM	3'-0"	7'-0"	0'-1 3/4"	S	PNL.F.WD(E)	WD	EXISTING FINISH TO REMAIN	FRM.001.HM1	HM	PTD	-	E-02	J5/A-101	K5/A-101	REINSTALL SALVAGED DOOR AND HM FRAME
NG016-1	OFFICE	3'-0"	7'-0"	0'-1 3/4"	S	PNL.FG1.WD(E)	WD	EXISTING FINISH TO REMAIN	FRM.001.HM1	HM	PTD	-	EXISTING TO REMAIN	J5/A-101	K5/A-101	EXISTING DOOR AND FRAME
NG016-2	OFFICE	3'-0"	7'-0"	0'-1 3/4"	S	PNL.FG1.WD(E)	WD	EXISTING FINISH TO REMAIN	FRM.001.HM1	HM	PTD	-	EXISTING TO REMAIN	J5/A-101	K5/A-101	EXISTING DOOR AND FRAME
NG016-3	OFFICE	3'-0"	7'-0"	0'-1 3/4"	S	PNL.FG1.WD(E)	WD	EXISTING FINISH TO REMAIN	FRM.001.HM1	HM	PTD	-	EXISTING TO REMAIN	J5/A-101	K5/A-101	EXISTING DOOR AND FRAME
NG016-4	ENTRY	3'-0"	7'-0"	0'-1 3/4"	S	PNL.FG2.WD	WD	MATCH EXISTING CORRIDOR DOORS	FRM.001.HM1	HM	PTD	1 HR	1 CR	J5/A-101	K5/A-101	NEW 1-HR FIRE-RATED DOOR AND FRAME



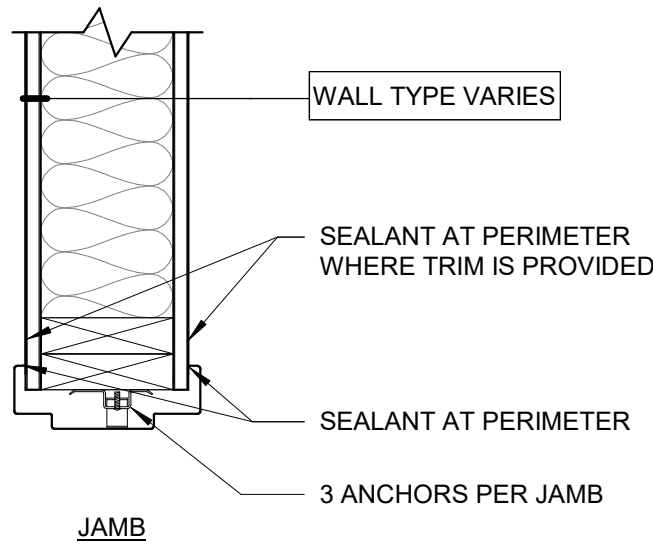
F3 DOOR PANEL AND FRAME LEGEND

A-101 1/4" = 1'-0"



J5 HEAD AT INTERIOR STUD WALL

A-101 1 1/2" = 1'-0"



K5 JAMB AT INTERIOR STUD WALL

A-101 1 1/2" = 1'-0"

ARCHITECT
Hord Coplan Macht, Inc.
700 E. Pratt St. Suite 1200
p. 410. 837. 7311 Baltimore, MD 21202
f. 410. 837. 6530

STRUCTURAL ENGINEER
Consultant Name
Street Address
p. 000.000.0000 City, State 00000
f. 000.000.0000

M/E/P ENGINEER
Consultant Name
Street Address
p. 000.000.0000 City, State 00000
f. 000.000.0000

CIVIL ENGINEERS
Consultant Name
Street Address
p. 000.000.0000 City, State 00000
f. 000.000.0000

FITZSIMONS
GROUND FLOOR
RENO - RD&S

hord | coplan | macht

ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN



PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A SOLELY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF COLORADO.
LICENSE NUMBER: 400029
EXPIRATION DATE:

no. date revision

Project Name
FITZSIMONS GROUND FLOOR
RENO - RD&S

Project Number
223084.00

Date
09/18/2023

Scale
As indicated

Drawing
DOOR SCHEDULE AND TYPES

A-101

PROJECT STATUS

GENERAL LEGEND (Not all symbols listed below are used on these drawings)				HVAC LEGEND (Not all symbols listed below are used on these drawings)			
ABBR.	SYMBOL	DESCRIPTION		ABBR.	SYMBOL	DESCRIPTION	
		SECTION DESIGNATION				CAP END OF PIPE	
		SECTION CUT ON THIS SHEET				PITCH DOWN IN DIRECTION OF ARROW	
		VIEW REFERENCE DESIGNATION				PIPE ANCHOR	
		VIEW REFERENCE ON THIS SHEET				PIPE ALIGNMENT GUIDE	
		EQUIPMENT UNIT IDENTIFICATION				UNION OR FLANGE	
		DIFFUSER IDENTIFICATION				CONCENTRIC PIPE REDUCER	
		DIFFUSER NECK DIAMETER				ECCENTRIC PIPE REDUCER	
		DIFFUSER CFM				PRESSURE REDUCING VALVE	
		LINEAR DIFFUSER IDENTIFICATION				ISOLATION VALVE (RE: SPEC FOR TYPE)	
		LINEAR DIFFUSER NECK DIAMETER				VERTICAL PIPE VALVE	
		LINEAR DIFFUSER LENGTH				CHECK VALVE	
		FINNED TUBE RADIATOR ACTIVE ELEMENT LENGTH				SOLENOID / MOTORIZED VALVE	
		EQUIPMENT UNIT NUMBER				SOLENOID VALVE	
		RADIATOR ENCLOSURE LENGTH (OR W-WALL-TO-WALL)				HOSE END DRAIN VALVE	
		KEY NOTE REFERENCE				PRESSURE / TEMPERATURE TAP	
		KITCHEN OWNER MEDICAL EQUIPMENT REFERENCE				STRAINER	
		TYPICAL ROOM REFERENCE (TOP = RM #, BOTTOM = FLR)				STRAINER W/ BLOWDOWN	
		POINT OF CONNECTION, NEW TO EXISTING				BRAIDED FLEXIBLE PIPE CONNECTOR	
		POINT OF DISCONNECTION, DEMO				DOUBLE BOWL FLEXIBLE PIPE CONNECTOR	
		DIRECTION OF FLOW IN PIPE				THERMOMETER	
		DUCTWORK, PIPING AND EQUIPMENT TO BE REMOVED				PRESSURE GAUGE	
(E)		EXISTING				SIGHT GLASS	
(N)		NEW		C.A.P.		CEILING ACCESS PANEL	
(R)		RELOCATED				PUMP	
(F)		FUTURE		TB		THRUST BLOCK	
DIA	Ø	DIAMETER		MAV		MANUAL AIR VENT	
WAD		WALL ACCESS DOOR		AAV		AUTOMATIC AIR VENT	
NIC		NOT IN CONTRACT					
AFF		ABOVE FINISHED FLOOR					
GC		GENERAL CONTRACTOR					
MC		MECHANICAL CONTRACTOR					
EC		ELECTRICAL CONTRACTOR					
UNO		UNLESS NOTED OTHERWISE					
C		COMMON					
NC		NORMALLY CLOSED					
NO		NORMALLY OPEN					

DOUBLE/SINGLE LINE DUCT LEGEND (Not all symbols listed below are used on these drawings)					
SINGLE LINE	DOUBLE LINE	SINGLE LINE	DOUBLE LINE	SINGLE LINE	DOUBLE LINE

DUCT PRESSURE CLASSIFICATION SCHEDULE			
DUCT TYPE	MATERIAL	PRESSURE CLASS	REMARKS
LOW PRESSURE SUPPLY	GALVANIZED STEEL	+2"	BETWEEN TERMINAL BOX & ROOM
RETURN / TRANSFER AIR	GALVANIZED STEEL	+/-2"	
REMARKS: 1. NOT USED 2. NOT USED			

AIR DEVICE SCHEDULE									
REMARKS: 1. AIR DEVICES ARE EXISTING TO BE REINSTALLED IN NEW CEILING. REFER TO PLANS. 2. BALANCE SUPPLY DIFFUSERS TO CFM INDICATED ON PLAN.									
DESIG.	FUNCTION	STYLE	MFR.	MODEL	FRAME STYLE	MODULE SIZE	MATERIAL	FINISH	REMARKS
A	SALVAGED EXISTING CEILING SUPPLY								1, 2
B	SALVAGED EXISTING CEILING RETURN								1
C	CEILING SUPPLY	SQUARE CONE DIFFUSER	PRICE	SCD		SEE PLANS	STEEL	WHITE	2
D	CEILING RETURN, TRANSFER	MODULAR PERFORATED FACE GRILLE	PRICE	PDDR		SEE PLANS	STEEL	WHITE	

HVAC LEGEND (Not all symbols listed below are used on these drawings)				HVAC LEGEND (Not all symbols listed below are used on these drawings)			
ABBR.	SYMBOL	DESCRIPTION		ABBR.	SYMBOL	DESCRIPTION	
HWS		HEATING WATER SUPPLY PIPING				SUPPLY DUCT UP / DOWN	
HWR		HEATING WATER RETURN PIPING				RETURN DUCT UP / DOWN	
HTWS		HIGH TEMPERATURE HEATING WATER SUPPLY PIPING				EXHAUST DUCT UP / DOWN	
HTWR		HIGH TEMPERATURE HEATING WATER RETURN PIPING				ROUND DUCT UP / ROUND DUCT DOWN	
CHWS		CHILLED WATER SUPPLY PIPING		48"x12"		FLAT OVAL DUCTWORK	
CHWR		CHILLED WATER RETURN PIPING				FLEXIBLE DUCT CONNECTION	
D		COOLING COIL DRAIN PAN PIPING		BDD		BACKDRAFT DAMPER	
CWS		CONDENSER WATER SUPPLY PIPING		TCD		TEMP. CONTROL DAMPER/OPOSED BLADE	
CWR		CONDENSER WATER RETURN PIPING		TCD		TEMP. CONTROL DAMPER-PARALLEL BLADE	
GHWS		GLYCOL HEATING WATER SUPPLY PIPING		MVD		MANUAL VOLUME DAMPER	
GHWR		GLYCOL HEATING WATER RETURN PIPING		MD		DUCT MOTORIZED DAMPER	
PCWS		PROCESS CHILLED WATER SUPPLY PIPING				CONICAL FITTING WITH MVD	
PCWR		PROCESS CHILLED WATER RETURN PIPING				SPIN-IN FITTING WITH MVD	
LPS		LOW PRESSURE STEAM SUPPLY PIPING (0 - 15#)		FD		DUCT FIRE DAMPER	
LPC		LOW PRESSURE CONDENSATE RETURN PIPING		FSD		COMBINATION DUCT FIRE/SMOKE DAMPER	
MPS		MEDIUM PRESSURE STEAM SUPPLY PIPING (16# - 60#)		SD		DUCT SMOKE DAMPER	
MPC		MEDIUM PRESSURE CONDENSATE RETURN PIPING				DUCT SMOKE DETECTOR	
HPS		HIGH PRESSURE STEAM SUPPLY PIPING (81# - 125#)		DAD		DUCT ACCESS DOOR	
HPC		HIGH PRESSURE CONDENSATE RETURN PIPING				TURNING VANES IN DUCT ELBOW	
PC		PUMPED CONDENSATE PIPING		EP		ELECTRIC-PNEUMATIC CONTROL VALVE	
BBD		BOILER BLOWDOWN PIPING		PE		PNEUMATIC-ELECTRIC CONTROL SWITCH	
BF		BOILER FEED WATER PIPING				WALL SWITCH / EMERGENCY SWITCH	
RL		REFRIGERANT LIQUID PIPING				TEMPERATURE SENSOR	
RS		REFRIGERANT SUCTION PIPING				WALL MOUNTED THERMOSTAT	
RHG		REFRIGERANT HOT GAS PIPING				WALL MOUNTED CARBON DIOXIDE SENSOR	
TT		THERMOSTATIC STEAM TRAP				WALL MOUNTED OXYGEN SENSOR	
F&T		FLOAT AND THERMOSTATIC STEAM TRAP				HUMIDISTAT	
IBT		INVERTED BUCKET STEAM TRAP				UNIT MOUNTED THERMOSTAT	
TCV		(2 OR 3-WAY) TEMPERATURE CONTROL VALVE				PRESSURE SENSOR / PRESSURE MONITOR	
		VENTURI METER				UNDERCUT DOOR	
BV		CALIBRATED BALANCING VALVE				LOUVER IN DOOR	
AFV		AUTO FLOW VALVE				DUCT RISE	
RSV		REFRIGERANT SERVICE VALVE				DUCT DROP	
DPS		DIFFERENTIAL PRESSURE SWITCH				ACOUSTICALLY LINED DUCTWORK	
FS		FLOW SWITCH		A.L.		TEMPERATURE CONTROL OUTSIDE AIR DAMPER	
EJ		EXPANSION JOINT		TCOAD		TEMPERATURE CONTROL RETURN AIR DAMPER	
BJ		BALL JOINT EXPANSION COMPENSATOR		TCRAD		TEMPERATURE CONTROL EXHAUST AIR DAMPER	
SA		SUPPLY AIR		TCEAD		STATIC PRESSURE IN INCHES WATER COLUMN	
RA		RETURN AIR		EOAD		END OF MAIN DRIP	
EA		EXHAUST AIR		SCOR		SHORT CIRCUIT CURRENT RATING	
OA		OUTSIDE AIR					
				SD		SUPPLY AIR DEVICE	
				RG		RETURN AIR DEVICE	
				RG		RETURN AIR DEVICE WITH SOUND BOOT	
				EG		EXHAUST AIR DEVICE	

PLUMBING NOTES:

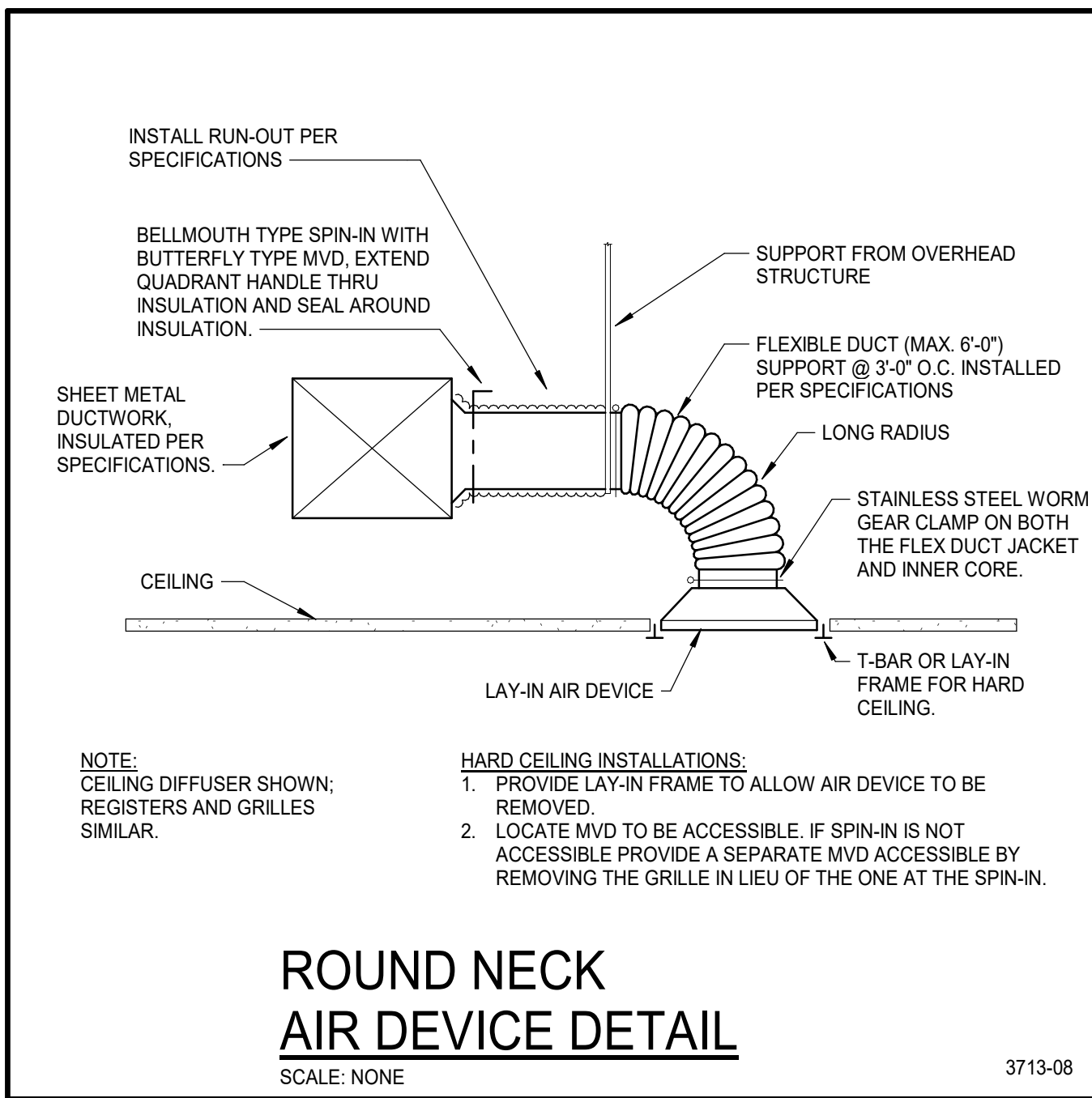
- CONTRACTOR SHALL NOT SHUT-OFF/PUT OUT OF SERVICE ANY SYSTEMS/SERVICES WITHOUT FIRST COORDINATING WITH OWNER.
- THIS CONTRACTOR SHALL COORDINATE LOCATIONS OF PIPING WITH OTHER TRADES AND ADVISE ARCHITECT/ENGINEER OF ANY POSSIBLE CONFLICTS. VERIFY EXACT LOCATIONS, ELEVATIONS AND DIMENSIONS OF STRUCTURAL MEMBERS AND OPENINGS.
- SEE SPECIFICATIONS FOR WATER HAMMER ARRESTOR SIZING. ALL FLUSH VALVES AND SOLENOID OPERATED EQUIPMENT SHALL HAVE A WATER HAMMER ARRESTOR.
- ALL EXISTING FIXTURES AND EQUIPMENT TO BE REMOVED SHALL HAVE ALL ASSOCIATED PIPING CONTROLS, HANGERS, SUPPORTS AND ANY MISCELLANEOUS ASSOCIATED SERVICE OR PART REMOVED COMPLETELY.
- REFER TO ARCHITECTURAL DRAWINGS FOR FIXTURE ELEVATIONS AND LOCATIONS.
- SEE ARCHITECTURAL CONSTRUCTION DOCUMENTS FOR DIMENSIONED LOCATION OF PLUMBING FIXTURES AND WALLS.
- PROVIDE CLEANOUTS IN ACCESSIBLE LOCATIONS PER THE PROJECT SPECIFICATIONS AND LOCAL PLUMBING CODES.

HVAC PLAN NOTES:

- ALL SUPPLY AIR DIFFUSERS ARE 4-WAY AIR PATTERN UNLESS SHOWN OTHERWISE.
- DUCT SIZE OF BRANCH DUCT TO AIR DEVICE SHALL BE THE SAME SIZE AS NECK SIZE OF AIR DEVICE UNLESS NOTED OTHERWISE.
- UNLESS OTHERWISE NOTED, ALL SUPPLY AIR DUCTWORK SHALL BE EXTERNALLY WRAPPED TO THICKNESS AS STATED IN SPECIFICATIONS AND RETURN AND EXHAUST DUCTWORK IS NEITHER LINED NOR WRAPPED.
- FURNISH ALL LABOR, MATERIALS, EQUIPMENT AND SERVICES NECESSARY FOR THE INSTALLATION OF A COMPLETE AND PROPERLY FUNCTIONING FIRE PROTECTION SYSTEM.
- THE FIRE PROTECTION WORK INVOLVES ENGINEERING AND DESIGN BY THE CONTRACTOR TO DETERMINE THE EXTENT OF NEW WORK AND THE MODIFICATION AND EXTENSION OF EXISTING SYSTEMS TO PROVIDE FULL COVERAGE TO THE PROJECT AREA SHOWN ON THESE AND THE ARCHITECTURAL PLANS.
- THE INFORMATION PRESENTED ON THESE DRAWINGS IS DIAGRAMMATIC. IT DOES NOT NECESSARILY REPRESENT ALL ELBOWS, OFFSETS, HANGERS, ETC., REQUIRED FOR A COMPLETE WORKING SYSTEM.
- ALL FIRE PROTECTION SYSTEMS INSTALLED SHALL BE IN ACCORDANCE WITH NFPA-13, 14, 20, ETC. AND LOCAL BUILDING CODES AND ORDINANCES.
- FIRE PROTECTION CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL NEW FIRE PROTECTION EQUIPMENT AND PIPING WITH ALL OTHER TRADES PRIOR TO SUBMITTAL OF SHOP DRAWINGS AND SYSTEM INSTALLATION, SO AS NOT TO INTERFERE WITH THE ROUTING OF NEW DUCTWORK, PLUMBING PIPING, ETC.
- SEAL ALL PIPE PENETRATIONS THROUGH FIRE RATED WALLS AND CEILINGS WITH FIRE STOPPING MATERIALS AS REQUIRED.
- FOR REMODEL AREAS NEW SPRINKLERS SHALL MATCH EXISTING SPRINKLERS.
- PROVIDE WORKING DRAWINGS AND HYDRAULICALLY CALCULATE THIS FIRE SPRINKLER SYSTEM PER NFPA-13 WHERE REQUIRED BY THE LOCAL AUTHORITY HAVING JURISDICTION.
- PROVIDE FIELD COORDINATION OF PIPING AND SPRINKLER INSTALLATIONS WITH DUCTWORK, LIGHTS, SMOKE DETECTORS, DIFFUSERS, ETC.

GENERAL NOTES:

- WORK INCLUDED IN THE CONTRACT IS DENOTED IN BOLD. EXISTING CONDITIONS TO REMAIN ARE DENOTED LIGHTLY.
- A DETAILED METHOD OF PROCEDURE IS REQUIRED WHEN A CONSTRUCTION ACTIVITY AFFECTS THE SAFETY OF THE OCCUPANTS, OWNER'S EQUIPMENT OR VALUABLE CONTENTS OR ANY SYSTEM WHICH SUPPORTS THESE SYSTEMS, OR ESSENTIALLY AFFECTS THE BUILDING MANAGEMENT, OPERATIONS OR SECURITY.
- CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF ANY WORK AND SHALL NOTIFY THE ENGINEER/ARCHITECT OF ANY DISCREPANCIES FOR RESOLUTION.
- COORDINATE WORK WITH ALL TRADES.
- COORDINATE ALL DUCTWORK AND PIPING WITH EQUIPMENT, STRUCTURE, ETC.
- CONTRACTOR SHALL NOT SHUT DOWN / TAKE OUT OF SERVICE ANY SYSTEMS WITHOUT FIRST COORDINATING WITH OWNER AND PREPARING M.O.P.
- EXISTING ITEMS TO REMAIN ARE DENOTED LIGHTLY UNLESS OTHERWISE NOTED. ALL ITEMS SHOWN DASHED & BOLD SHALL BE REMOVED UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL NOT SHUT-OFF OR PUT-OUT OF SERVICE ANY SYSTEMS OR SERVICE WITHOUT FIRST COORDINATING WITH THE OWNER.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE AND UNDERSTAND THE EXTENT OF THE REMODEL WORK REQUIRED PRIOR TO BID. NO EXTRAS WILL BE ALLOWED FOR WORK REQUIRED TO ACHIEVE THE END RESULT AS INDICATED BY THE CONTRACT DOCUMENT.
- CONTRACTOR SHALL DETERMINE AND COORDINATE THE EXACT EXTENT OF DEMOLITION TO FACILITATE ALL WORK INDICATED BY THE CONTRACT DOCUMENT.
- PRIOR TO COMMENCEMENT OF ANY DEMOLITION WORK, VERIFY EXISTING CONDITIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES FOR RESOLUTION.
- ALL ITEMS IDENTIFIED TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY UNLESS OTHERWISE NOTED. REMOVED ITEMS SHALL BE TURNED OVER TO THE OWNER UNLESS OTHERWISE NOTED AND STORED IN THE AREA DESIGNATED BY THE OWNER. REMOVE FROM SITE AND LEGALLY DISPOSE OF ALL ITEMS THE OWNER CHOOSES NOT TO ACCEPT.
- WHERE EXISTING PIPING, T.C. TUBING/WIRING ETC. ARE TO BE REMOVED FROM WALLS WHICH ARE REMAINING, THE WALLS SHALL BE REPAIRED TO MATCH ORIGINAL CONDITIONS.
- WHERE EXISTING PIPING TO BE REMOVED PASSES THROUGH FLOORS, THEY SHALL BE CUT BACK TO WITHIN CONCRETE AND FILLED WITH GROUT TO ACHIEVE A SMOOTH AND EVEN FINISH WITH CONCRETE SURFACE.



ARCHITECT
Hord Coplan Macht, Inc.
700 E. Pratt St. Suite 1200
p. 410. 837. 7311
Baltimore, MD 21202
f. 410. 837. 6530

STRUCTURAL ENGINEER
Consultant Name
Street Address
City, State 00000
p. 000.000.0000
f. 000.000.0000

M/E/P ENGINEER
CATOR | RUMA & ASSOCIATES, P.C.
6960 Sloop Street, Linwood, CO 80461
(303) 232-6205 • www.catorruma.com

CIVIL ENGINEERS
Consultant Name
Street Address
City, State 00000
p. 000.000.0000
f. 000.000.0000

FITZSIMONS GROUND FLOOR RENO - RD&S

DEMOLITION GENERAL NOTES:

- EXISTING ITEMS TO REMAIN ARE DENOTED LIGHTLY UNLESS OTHERWISE NOTED. ALL ITEMS SHOWN DASHED & BOLD SHALL BE REMOVED UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL NOT SHUT-OFF OR PUT-OUT OF SERVICE ANY SYSTEMS OR SERVICE WITHOUT FIRST COORDINATING WITH THE OWNER.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE AND UNDERSTAND THE EXTENT OF THE REMODEL WORK REQUIRED PRIOR TO BID. NO EXTRAS WILL BE ALLOWED FOR WORK REQUIRED TO ACHIEVE THE END RESULT AS INDICATED BY THE CONTRACT DOCUMENT.
- CONTRACTOR SHALL DETERMINE AND COORDINATE THE EXACT EXTENT OF DEMOLITION TO FACILITATE ALL WORK INDICATED BY THE CONTRACT DOCUMENT.
- PRIOR TO COMMENCEMENT OF ANY DEMOLITION WORK, VERIFY EXISTING CONDITIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES FOR RESOLUTION.
- ALL ITEMS IDENTIFIED TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY UNLESS OTHERWISE NOTED. REMOVED ITEMS SHALL BE TURNED OVER TO THE OWNER UNLESS OTHERWISE NOTED AND STORED IN THE AREA DESIGNATED BY THE OWNER. REMOVE FROM SITE AND LEGALLY DISPOSE OF ALL ITEMS THE OWNER CHOOSES NOT TO ACCEPT.
- WHERE EXISTING PIPING, T.C. TUBING/WIRING ETC. ARE TO BE REMOVED FROM WALLS WHICH ARE REMAINING, THE WALLS SHALL BE REPAIRED TO MATCH ORIGINAL CONDITIONS.
- WHERE EXISTING PIPING TO BE REMOVED PASSES THROUGH FLOORS, THEY SHALL BE CUT BACK TO WITHIN CONCRETE AND FILLED WITH GROUT TO ACHIEVE A SMOOTH AND EVEN FINISH WITH CONCRETE SURFACE.

hord | coplan | macht

ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN



PROFESSIONAL CERTIFICATION I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND
LICENSE NUMBER:
EXPIRATION DATE:

no. date revision

Project Name
FITZSIMONS GROUND FLOOR
RENO - RD&S
Project Number
223084.00

Date
09/18/2023

Scale
1/8" = 1'-0"

Drawing
MECHANICAL LEGENDS, NOTES,
& SCHEDULES

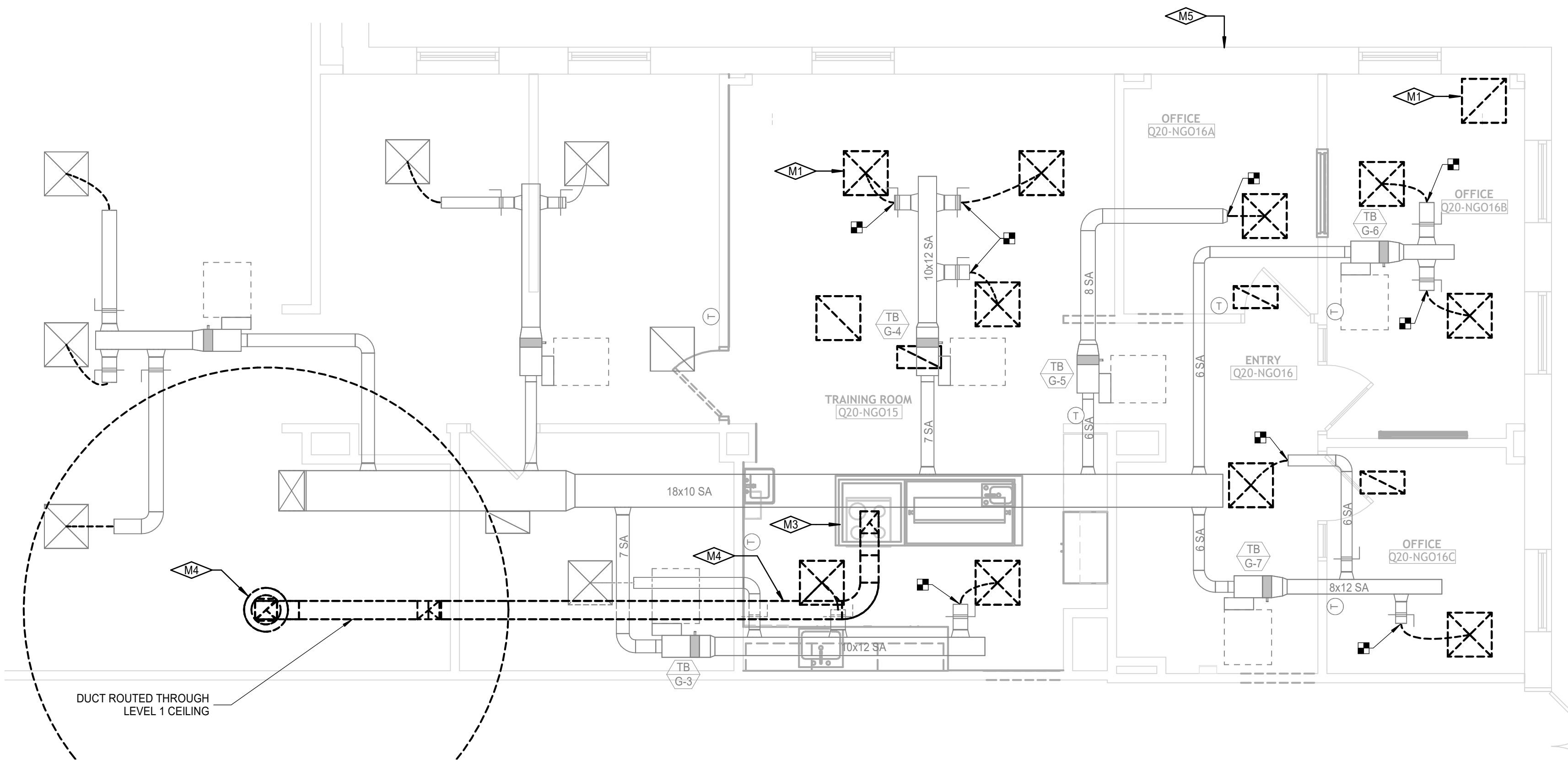
M-001

100% CONTRACT DOCUMENTS

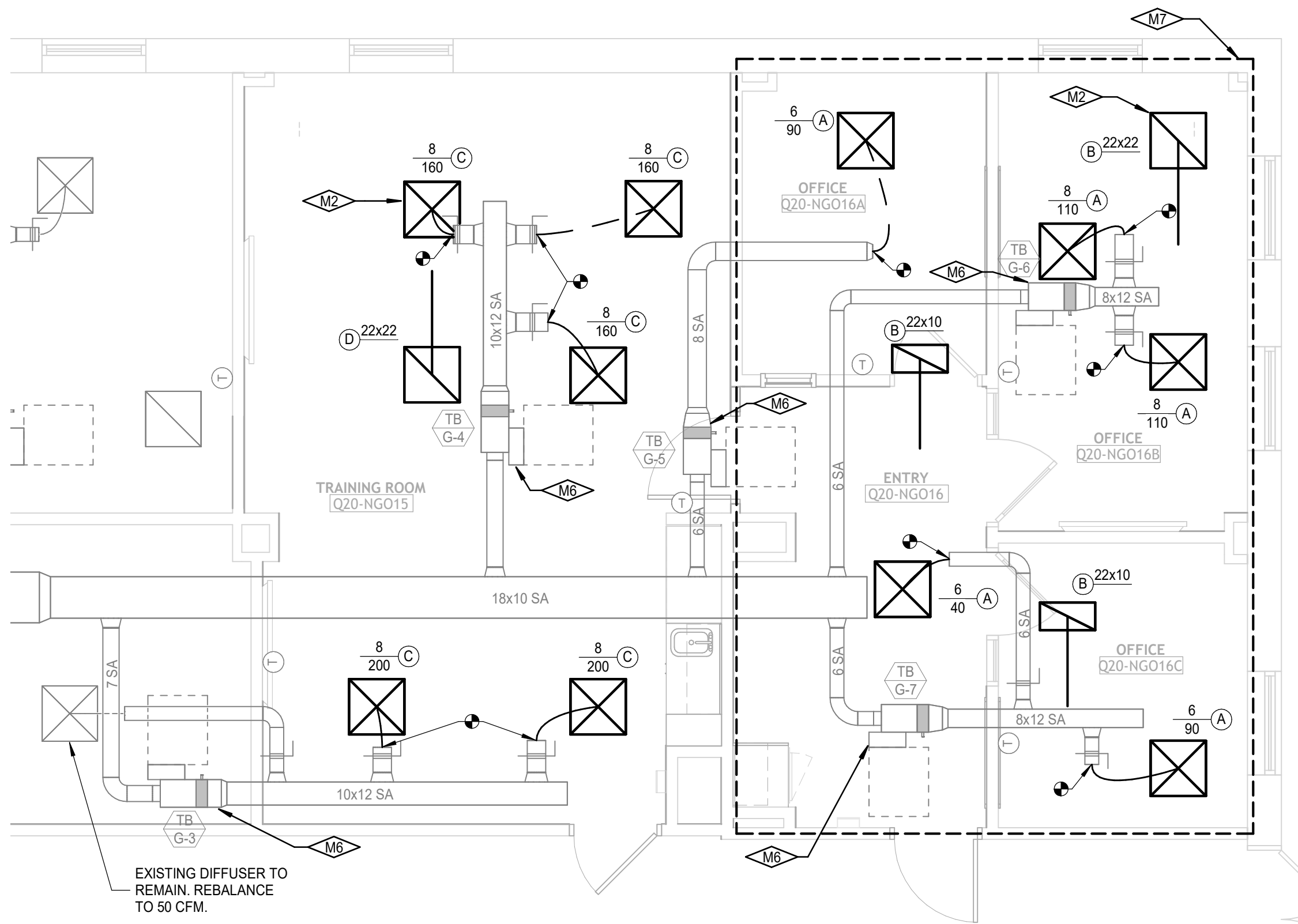
KEYNOTES	
M1	REMOVE AND SALVAGE EXISTING AIR DEVICE FOR INSTALLATION IN NEW CEILING. TYPICAL.
M2	REINSTALL EXISTING DIFFUSER IN NEW CEILING. TYPICAL.
M3	DEMOLISH EXISTING COMMERCIAL KITCHEN HOOD AND ALL ASSOCIATED POWER, WIRING, FIRE SUPPRESSION, AND DUCTWORK IN ITS ENTIRETY.
M4	DEMOLISH EXISTING GREASE EXHAUST DUCT FROM EXISTING HOOD, UP THROUGH FIRST FLOOR, AND THROUGH ROOF. DEMOLISH ASSOCIATED EXHAUST FAN AND ALL ASSOCIATED POWER AND WIRING. REFER TO ARCHITECTURAL FOR LOCATIONS AND ROOF PATCHING DETAILS.
M5	AIRFLOW VALUES DEPICTED AT AIR DEVICES ARE BASED ON BEST AVAILABLE RECORD DOCUMENTATION. PERFORM PRE-DEMOLITION TEST AND BALANCE MEASUREMENTS ON ALL EXISTING AIR DEVICES WITHIN RENOVATION AREA PRIOR TO COMMENCING ANY WORK. SUBMIT PRE-DEMOLITION TAB REPORT TO ARCHITECT AND ENGINEER FOR REVIEW.
M6	EXISTING TERMINAL BOX TO REMAIN. REBALANCE TO CFM SHOWN ON PLANS.
M7	ADD ALTERNATE Q2: ALL AIR TERMINALS IN INDICATED AREA ARE TO BE REPLACED WITH NEW AIR TERMINALS AS SCHEDULED IN TRAINING ROOM.

ARCHITECT Hord Coplan Macht, Inc. 700 E. Pratt St. Suite 1200 p. 410. 837. 7311		Baltimore, MD 21202 f. 410. 837. 6530
STRUCTURAL ENGINEER		
Consultant Name Street Address p. 000.000.0000		City, State 00000 f. 000.000.0000
M/E/P ENGINEER CATOR RUMA & ASSOCIATES, P.C. 6999 Arbor Street, Limerick, CO 80037 (303) 233-6205 • www.catorrume.com		
CIVIL ENGINEERS		
Consultant Name Street Address p. 000.000.0000		City, State 00000 f. 000.000.0000

FITZSIMONS
GROUND FLOOR
RENO - RD&S

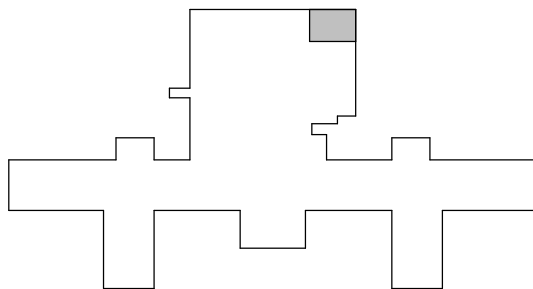


GROUND FLOOR SUITE NG15 - MECHANICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



GROUND FLOOR SUITE NG15 - MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

1"
IF LINE DOES NOT MEASURE 1 INCH,
DRAWING IS NOT TO SCALE



hord | coplan | macht

ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN



PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NUMBER:
EXPIRATION DATE:

no. date revision

Project Name
FITZSIMONS GROUND FLOOR
RENO - RD&S
Project Number
223084.00
Date
09/18/2023

Scale
1/4" = 1'-0"

Drawing
MECHANICAL PLANS

M-100

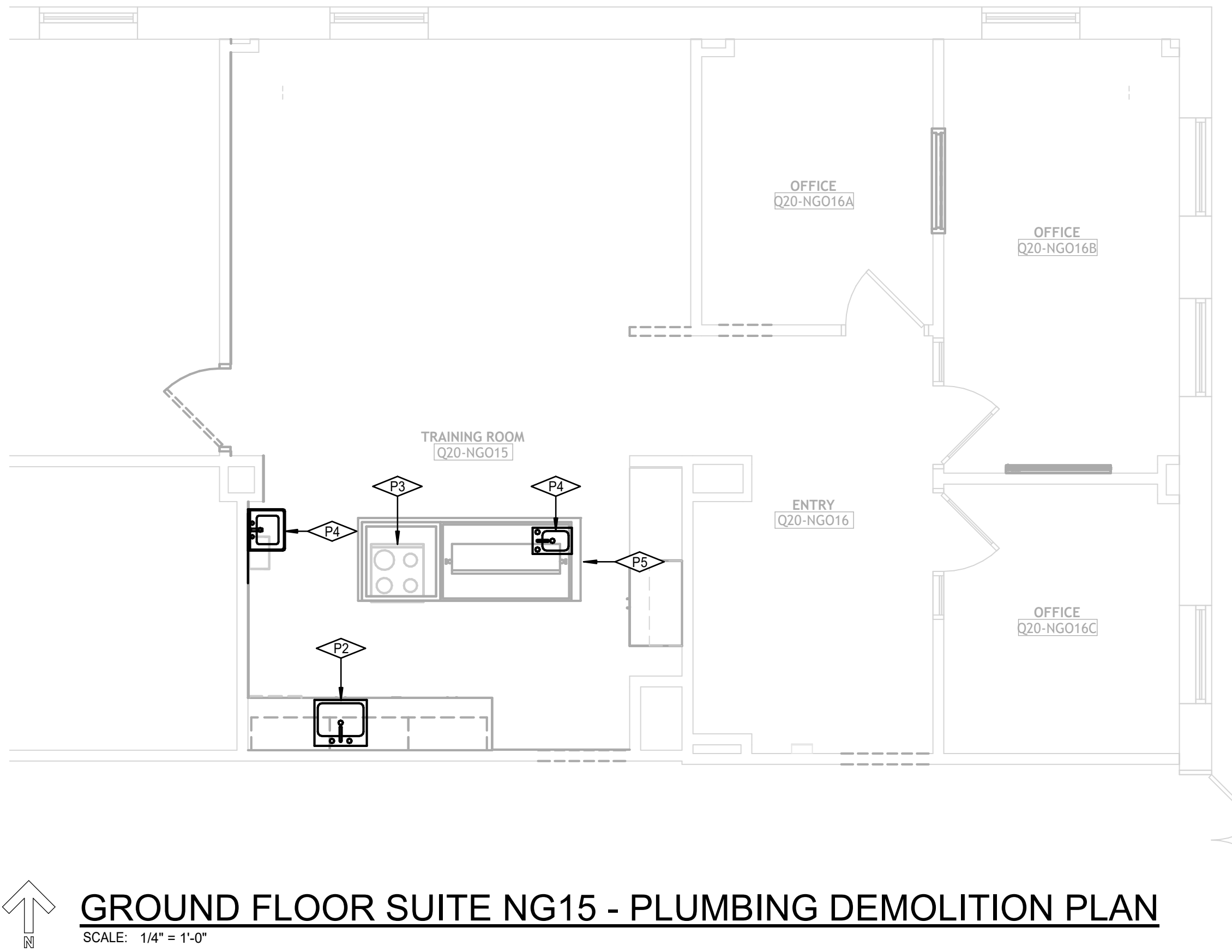
100% CONTRACT DOCUMENTS

© Hord Coplan Macht, Inc.

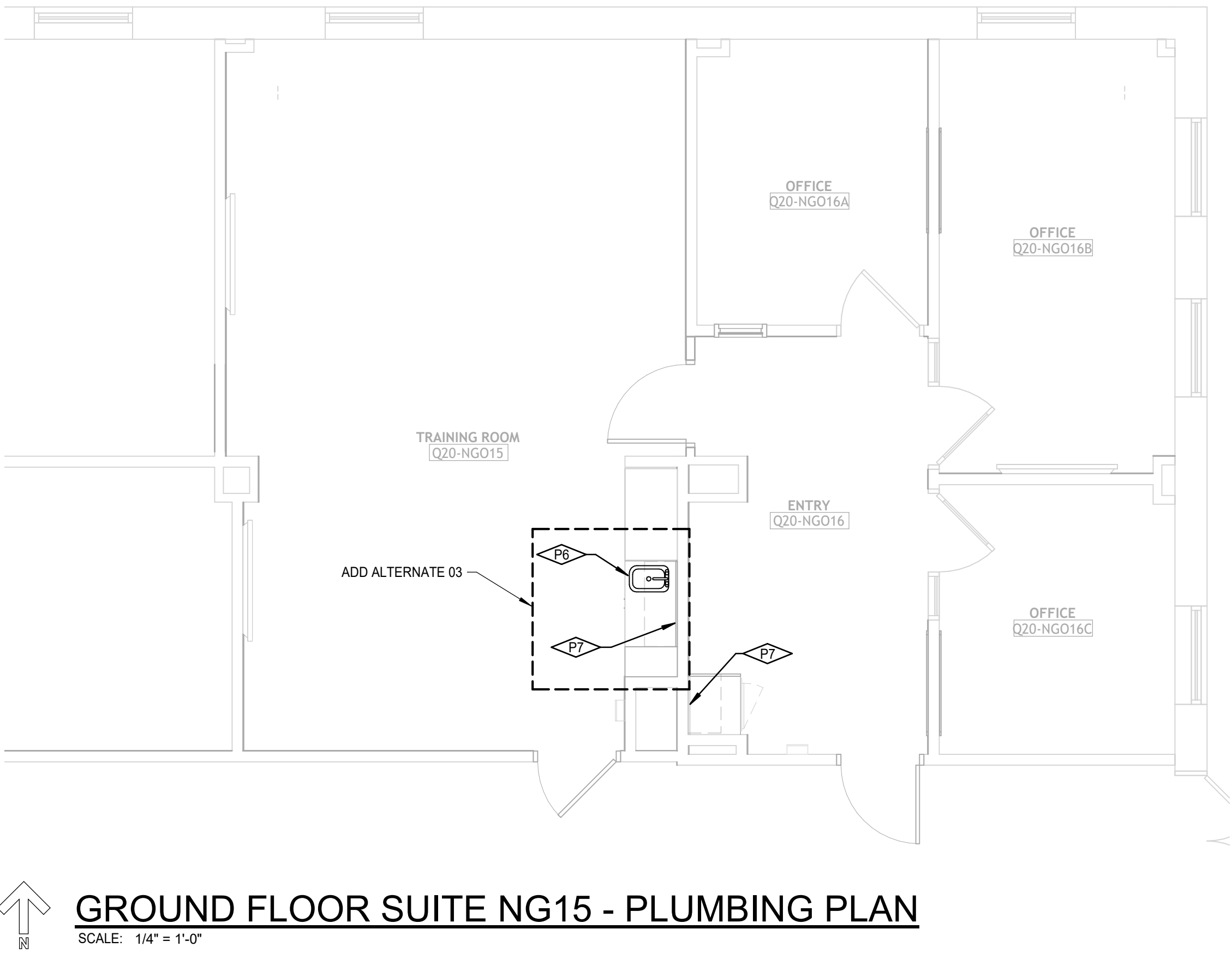
KEYNOTES	
P2	DEMO EXISTING SINK AND DISHWASHER. REMOVE EXISTING DOMESTIC WATER PIPING TO BEHIND WALL AND TERMINATE WITH BALL VALVES AND CAP. REMOVE EXISTING SANITARY WASTE AND VENT PIPING BACK TO MAIN. DO NOT LEAVE DEAD LEGS.
P3	DEMO EXISTING ANSUL FIRE SUPPRESSION SYSTEM IN ITS ENTIRETY.
P4	DEMO EXISTING SINK AND PREPARE FOR REUSE. REMOVE EXISTING DOMESTIC WATER PIPING TO BEHIND WALL AND TERMINATE WITH BALL VALVES AND CAP. REMOVE EXISTING SANITARY WASTE AND VENT PIPING BACK TO MAIN. DO NOT LEAVE DEAD LEGS.
P5	DEMO EXISTING FLOOR SINK. REMOVE EXISTING SANITARY WASTE AND VENT PIPING BACK TO MAIN. DO NOT LEAVE DEAD LEGS.
P6	RELOCATED EXISTING SINK. CONNECT NEW 1/2" DOMESTIC COLD AND HOT WATER PIPING TO NEAREST EXISTING WATER PIPING. CONNECT NEW 2" SANITARY WASTE TO NEAREST EXISTING SANITARY WASTE PIPING.
P7	INSTALL 1/2" CW BRANCH OFF CW SINK SUPPLY LINE WITH BACKFLOW PREVENTOR FOR ICEMAKER SUPPLY. TRANSITION TO 3/8" COPPER DOWNSTEAM OF BACKFLOW PREVENTOR WITH ANGLE STOP SHUT-OFF VALVE AND 48" OF 3/8" SOFT COPPER TUBING. CONNECT TO ICE MAKER/DISPENSER (BY OTHERS) PER MANUFACTURERS INSTRUCTIONS. G.C. TO PROVIDE HOLE W/GROMET IN COUNTER TOP FOR ICE MAKER CW SUPPLY. PROVIDE DRAIN PIPING FROM FIXTURE TO ADJACENT SINKS/BELOW COUNTER 2" STANDPIPE W/ AIR GAP.

ARCHITECT Hord Coplan Macht, Inc. 700 E. Pratt St. Suite 1200 p. 410. 837. 7311		Baltimore, MD 21202 f. 410. 837. 6530
STRUCTURAL ENGINEER		
Consultant Name	Street Address	City, State 00000
p. 000.000.0000		f. 000.000.0000
M/E/P ENGINEER		
 CATOR RUMA & ASSOCIATES, P.C. 6996 Labor Street, Limerick, CO 80027 (303) 233-6205 • www.catorrumba.com		
CIVIL ENGINEERS		
Consultant Name	Street Address	City, State 00000
p. 000.000.0000		f. 000.000.0000

FITZSIMONS
GROUND FLOOR
RENO - RD&S

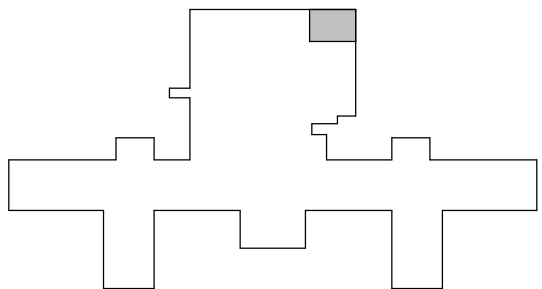


GROUND FLOOR SUITE NG15 - PLUMBING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



GROUND FLOOR SUITE NG15 - PLUMBING PLAN
SCALE: 1/4" = 1'-0"

1"
IF LINE DOES NOT MEASURE 1 INCH,
DRAWING IS NOT TO SCALE



hord | coplan | macht

ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN



PROFESSIONAL CERTIFICATION I CERTIFY THAT THESE DOCUMENTS WERE
PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED ARCHITECT
UNDER THE LAWS OF THE STATE OF MARYLAND
LICENSE NUMBER:
EXPIRATION DATE:

no.	date	revision
-----	------	----------

Project Name
FITZSIMONS GROUND FLOOR
RENO - RD&S
Project Number
223084.00
Date
09/18/2023
Scale
1/4" = 1'-0"
Drawing
PLUMBING PLANS

P-100

100% CONTRACT DOCUMENTS

© Hord Coplan Macht, Inc.

POWER LEGEND (Not all symbols listed below are used on these drawings)			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SINGLE RECEPTACLE		ELECTRICAL PANELBOARD, CONTROL PANEL, OR OTHER CABINET AS NOTED
	DUPLEX RECEPTACLE, WALL, CEILING, FLOOR MOUNTED		PLUG MOLD (MULTI-OUTLET ASSEMBLY)
	DOUBLE DUPLEX RECEPTACLE, WALL, CEILING, FLOOR MOUNTED		WIRE MOLD (SURFACE RACEWAY)
	SPECIAL RECEPTACLE, WALL, CEILING, FLOOR MOUNTED		CONDUIT CONCEALED
	JUNCTION BOX, WALL, CEILING, FLOOR MOUNTED		CONDUIT, UNDERGROUND OR CONCEALED IN FLOOR AS ALLOWED PER SPECIFICATIONS
	DUPLEX RECEPTACLE, HALF CONTROLLED		CONDUIT TURNING DOWN
	DUPLEX RECEPTACLE, FULL CONTROLLED		CONDUIT TURNING UP
	DOUBLE DUPLEX RECEPTACLE, HALF CONTROLLED		CONDUIT CAPPED
	DOUBLE DUPLEX RECEPTACLE, FULL CONTROLLED		GROUND BAR
	SHADING INDICATES EMERGENCY SYSTEM TEXT INDICATES PANEL AND CIRCUIT DESIGNATION		MAIN SWITCH-BOARD/DISTRIBUTION CENTER
	DISCONNECT SWITCH (NON-FUSED)		TRANSFORMER
	DISCONNECT SWITCH (FUSED)		CURRENT TRANSFORMER
	VARIABLE SPEED DRIVE WITH DISCONNECT		THERMOSTAT
	ENCLOSED CIRCUIT BREAKER		GENERATOR ANNUNCIATOR PANEL
	TOGGLE SWITCH		UTILITY METER
			POWER POLE

LIGHTING LEGEND (Not all symbols listed below are used on these drawings)			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SHADING INDICATES EM SYSTEM, LOWER CASE SUBSCRIPT INDICATES SWITCHING, UPPER CASE SUBSCRIPT INDICATES LUMINAIRE TYPE (TYP)		PENDANT LUMINAIRE - SINGLE SUSPENSION
	TROFFER - RECESSED		PENDANT LUMINAIRE - MULTIPLE SUSPENSION
	SURFACE LUMINAIRE		WALL MOUNTED LUMINAIRE
	LINEAR LUMINAIRE - RECESSED		IN-WALL LUMINAIRE
	FIELD MEASURED LUMINAIRE LENGTH AND SHAPE DENOTED BY LINEWORK SUBSCRIPT IN RECTANGLE INDICATES LUMINAIRE TYPE		POLE LUMINAIRE - ARM MOUNTED
	DOWNLIGHT - RECESSED		POLE LUMINAIRE - POST TOP
	DOWNLIGHT - SURFACE		BOLLARD
	EXIT SIGN - CEILING MOUNTED		TRACK HEAD AND TRACK
	EXIT SIGN - WALL MOUNTED (FLUSH TO WALL)		EXTERIOR STAKE MOUNTED
	EXIT SIGN - WALL MOUNTED (PROJECTS FROM WALL)		EMERGENCY LIGHTING UNIT - WALL MOUNTED
	INDICATES EXIT SIGN FACES - SINGLE OR DOUBLE		EMERGENCY LIGHTING UNIT - CEILING MOUNTED
	INDICATES EXIT SIGN CHEVRONS - LEFT/RIGHT OR BOTH		INDICATES DIRECTIONAL AIMING

CONTROLS LEGEND (Not all symbols listed below are used on these drawings)			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	S ₁ SINGLE POLE SWITCH (SUBSCRIPT DENOTES SWITCHING)		V _{1S} VARIABLE SPEED/SPEED CONTROLLER SWITCH
	S ₂ TWO POLE SWITCH		E _{EP} EXPLOSION PROOF SWITCH
	S ₃ THREE-WAY SWITCH		T _{1O} THERMAL OVERLOAD SWITCH
	S ₄ FOUR-WAY SWITCH		M _{MC} MOMENTARY CONTACT SWITCH
	S _K KEY OPERATED SWITCH		C _S COMBINATION SWITCH AND DUPLEX RECEPTACLE
	S _M MANUAL SWITCH, HORSEPOWER RATE		P ₁ PHOTOCELL
	S _D DIMMER SWITCH		B ₁ PUSH BUTTON
	S _{PL} SWITCH WITH PILOT LIGHT (PILOT LIGHT IS ON WHEN SWITCH IS ON)		T _{1C} TIME CLOCK
	S _{PL} SWITCH WITH PILOT LIGHT LOCATOR (CONTINUOUSLY LIGHTED HANDLE)		O ₁ OCCUPANCY SENSOR - WALL MOUNTED
	S _{LV} LOW VOLTAGE SWITCH		R ₁ INFRARED, ULTRASONIC, DUAL TECHNOLOGY

FIRE ALARM SYSTEM LEGEND (Not all symbols listed below are used on these drawings)			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	F _{1ACP} FIRE ALARM CONTROL PANEL		M ₁ MANUAL PULL STATION
	N _{1AC} FIRE ALARM (NAC) POWER SUPPLY		A _{1IM} ADDRESSABLE INPUT MODULE
	R _{1AD} FIRE ALARM REMOTE ANNUNCIATOR PANEL (LED)		A _{1OM} ADDRESSABLE OUTPUT MODULE
	S _{1TS} FIRE ALARM STROBE (60+ CANDELA RATING 15, 30, 75, 95, 110, 177)		M _{1NS} MASS NOTIFICATION STROBE (60+ CANDELA RATING 15, 30, 75, 95, 110, 177)
	T _{1RP} FIRE ALARM TRANSPONDER PANEL		H _{1V} FIRE ALARM HORN/VISIBLE (C = CEILING MOUNT)
	R _{1ASU} RESCUE ASSISTANCE SYSTEM BASE UNIT		S _{1V} FIRE ALARM SPEAKER/VISIBLE (C = CEILING MOUNT)
	A _{1RCM} AREA OF REFUGE COMMUNICATION MASTER UNIT		M _{1NS} MASS NOTIFICATION SPEAKER/VISIBLE (C = CEILING MOUNT)
	A _{1RCR} AREA OF REFUGE COMMUNICATION REMOTE UNIT		H ₁ FIRE ALARM HORN (C = CEILING MOUNT)
	M _{1GP} GRAPHIC ZONE MAP		S ₁ FIRE ALARM SPEAKER (C = CEILING MOUNT)
	F _{1FSC} FIRE FIGHTER SMOKE CONTROL PANEL		M _{1NS} MASS NOTIFICATION SPEAKER (C = CEILING MOUNT)
	H _{1D} SMOKE DETECTOR (P=PHOTOELECTRIC, SB=WITH SOUNDER BASE, BR=BEAM RECEIVER, ST=BEAM TRANSMITTER)		R _{1AS} RESCUE ASSISTANCE TELEPHONE STATION
	H _{1A} SMOKE ALARM (120 VAC SINGLE STATION)		F _{1FT} FIRE FIGHTER TELEPHONE (J = JACK, H = HANDSET)
	H _{1H} HEAT DETECTOR (F = FIXED TEMPERATURE, R = RATE OF RISE)		M _{1DH} MAGNETIC DOOR HOLD
	D _{1SD} DUCT SMOKE DETECTOR, S=SUPPLY, R=RETURN		T _{1S} TAMPER SWITCH
	R _{1RTS} DUCT DETECTOR REMOTE INDICATOR ALARM AND TEST		F _{1WS} FLOW DETECTOR SWITCH
	R _{1IL} REMOTE INDICATOR LIGHT		P _{1S} PRESSURE SWITCH
	D _{1FD} FIRE/SMOKE DAMPER		S _{1SS} SURGE SUPPRESSOR
	D _{1SD} SMOKE DAMPER		F _{1FD} FLAME DETECTOR (UV=ULTRAVIOLET, IR=INFRARED)
	C _{1CO} CARBON MONOXIDE ALARM/DETECTOR		

REFERENCE SYMBOLS LEGEND (Not all symbols listed below are used on these drawings)			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	KEY NOTE REFERENCE		KITCHEN/OWNER/MEDICAL EQUIPMENT REFERENCE
	TYPICAL CIRCUIT NUMBER		EXISTING TO REMAIN
	TYPICAL LUMINAIRE TYPE		EXISTING TO BE REMOVED
	TYPICAL ROOM REFERENCE (TOP = RM #, BOTTOM = FLR)		EXISTING TO BE RELOCATED
	MECHANICAL EQUIPMENT REFERENCE		EXISTING TO REMAIN - REPLACE DEVICE
	LIGHTING CONTROL / EQUIPMENT REFERENCE		EXISTING TO BE REMOVED AND REPLACED
	ELECTRICAL ACCESSORIES REFERENCE		

ABBREVIATIONS LEGEND (Not all symbols listed below are used on these drawings)			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
A	AMPERES	MCP	MOTOR CIRCUIT PROTECTOR
AC	ABOVE COUNTER MOUNT HORIZONTALLY TO CENTERLINE OF DEVICE, +6" ABOVE COUNTER OR BACK SPLASH	MEC	SEE MECHANICAL EQUIPMENT SCHEDULE
AFF	ABOVE FINISHED FLOOR	MIN	MINIMUM
AFG	ABOVE FINISHED GRADE	MLO	MAIN LUGS ONLY
ANN	ANNUNCIATOR	MTS	MANUAL TRANSFER SWITCH
ARF	ABOVE RAISED FLOOR	NC	NORMALLY CLOSED
ASSD	AIR SAMPLING SMOKE DETECTION	NIC	NOT IN CONTRACT
ATS	AUTOMATIC TRANSFER SWITCH	NL	NIGHT LIGHT
BFG	BELOW FINISHED GRADE	NO	NORMALLY OPEN
C	CONDUIT	NTS	NOT TO SCALE
CATV	CABLE TELEVISION	OC	ON CENTER
CB	CIRCUIT BREAKER	OCFI	OWNER FURNISHED, CONTRACTOR INSTALLED
CCTV	CLOSED CIRCUIT TELEVISION	OFDI	OWNER FURNISHED, OWNER INSTALLED
(E)	EXISTING	OSWF	ON SITE WORK FORCE
EM	EMERGENCY	PB	PULL BOX
EMDC	EMERGENCY MAIN DISTRIBUTION CENTER	SB	STAND-BY
EP	EXPLOSION PROOF	SDC	SUB-DISTRIBUTION CENTER
EPO	EMERGENCY POWER OFF	TP	TAMPER PROOF
EVD	EMERGENCY VENTILATION ON/OFF	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
EW	ELECTRIC WATER COOLER	TYP	TYPICAL
FA	FIRE ALARM	UF	UNDER FLOOR
G	GROUND	UG	UNDER GROUND
GCP	GENERATOR CONTROL PANEL	UON	UNLESS OTHERWISE NOTED
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	UPS	UNINTERRUPTIBLE POWER SUPPLY
HOA	HAND OFF AUTOMATIC	V	VOLTS
IG	ISOLATED GROUND	VFD	VARIABLE FREQUENCY DRIVE
MAX	MAXIMUM	W	WITH
MCB	MAIN CIRCUIT BREAKER	WO	WITHOUT
MCC	MOTOR CONTROL CENTER	WP	WEATHER PROOF
MDC	MAIN DISTRIBUTION CENTER	XPMR	TRANSFORMER

ONE-LINE DIAGRAM LEGEND (Not all symbols listed below are used on these drawings)			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	DISCONNECT SWITCH		PANELBOARD "A"
	DISCONNECT SWITCH, FUSED		EM-ENERGY METER, PM-POWER METER, CM-CIRCUIT MONITOR
	CIRCUIT BREAKER		V _{1TS} VOLTMETER TEST SWITCH
	FUSE		A _{1TS} AMMETER TEST SWITCH
	GROUND		V ₁ VOLTMETER
	STEP DOWN TRANSFORMER, ## INDICATES KVA		A ₁ AMMETER
	K-RATED STEP DOWN TRANSFORMER, ## INDICATES KVA, # INDICATES K RATING		SEE FEEDER/MEC/TRANSFORMER SCHEDULES FOR FEEDER SIZE
	CURRENT TRANSFORMER		E _{1G} ENGINE GENERATOR
	POTENTIAL TRANSFORMER		C ₁ CONTACTORS/RELAY/CAPACITOR (AS NOTED)
	SERVICE ENTRANCE TRANSFORMER		T ₁ TRANSFER SWITCH - ATS=AUTOMATIC, MTS=MANUAL
	METER		GFI ₁ GROUND FAULT INTERRUPTER
	EQUIPMENT ENCLOSURE		SPD ₁ SURGE PROTECTIVE DEVICE
	SERVICE WEATHERHEAD		ST ₁ SHUNT TRIP
	SHORT CIRCUIT CURRENT AVAILABLE		T ₁ TERMINATIONS LB=LOAD BREAK, NLB=NO LOAD BREAK
	KIRK KEY INTERLOCK, SUBSCRIPT INDICATES INTERLOCKED GROUP		DD ₁ DRAW-OUT DEVICE
	ELECTRICAL INTERLOCK, SUBSCRIPT INDICATES INTERLOCKED GROUP		PI ₁ PLUG-IN DEVICE
	MECHANICAL INTERLOCK		EO ₁ ELECTRICALLY OPERATED

LIGHTING PLAN NOTES:

- REFER TO ARCHITECTURAL ELEVATIONS AND REFLECTED CEILING PLANS FOR EXACT MOUNTING LOCATIONS OF DEVICES AND LUMINAIRES.
- COORDINATE LUMINAIRE LOCATIONS WITH MECHANICAL PIPING, DUCTWORK, ETC., TO AVOID CONFLICTS. SEE SPECIFICATIONS FOR COORDINATION REQUIREMENTS.
- PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR EACH 120V AND 277V CIRCUIT.
- FIELD COORDINATE EXACT LOCATION OF CEILING MOUNTED OCCUPANCY SENSORS PER MANUFACTURER'S INSTRUCTIONS. OCCUPANCY/VACANCY SENSING DEVICES ARE SHOWN FOR GENERAL DESIGN INTENT ONLY. CONTRACTOR SHALL PROVIDE THE TYPE AND QUANTITY OF OCCUPANCY/VACANCY SENSING DEVICES AS NECESSARY FOR PROPER COVERAGE AND CONTROL OF LUMINAIRES WHERE INDICATED ON THE LIGHTING PLANS. FIELD ADJUSTMENT TO DEVICE LOCATIONS SHALL BE MADE AS REQUIRED TO CAPTURE ALL OCCUPANTS, WHETHER SITTING AT A DESK OR MOVING AROUND THE SPACE. ADDITIONAL DEVICES SHALL BE PROVIDED AND FIELD ADJUSTMENTS SHALL BE MADE AS NECESSARY, AT NO ADDITIONAL COST TO OWNER. CONTRACTOR SHALL PROVIDE A COMPLETE AND OPERATIONAL SYSTEM.

POWER PLAN NOTES:

- MAKE ALL FINAL ELECTRICAL CONNECTIONS TO EQUIPMENT REQUIRING ELECTRICAL CONNECTION. THIS SHALL INCLUDE BUT NOT BE LIMITED TO ALL MECHANICAL AND OTHER EQUIPMENT INCLUDED IN THIS PROJECT.
- COORDINATE EXACT REQUIREMENTS AND LOCATIONS OF MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS AND MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- RECEPTACLES INDICATED TO BE MOUNTED ABOVE COUNTER ARE TO BE MOUNTED VERTICALLY 6" ABOVE COUNTER UNLESS OTHERWISE NOTED.
- COORDINATE AND VERIFY EXACT MOUNTING LOCATIONS OF WALL DEVICES WITH ARCHITECTURAL ELEVATIONS, AND ANY FURNITURE OR SPECIALTY EQUIPMENT SUPPLIER DRAWINGS PRIOR TO ROUGH-IN.
- NO RECEPTACLES SHALL BE MOUNTED BELOW +18" AFF.
- PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR EACH 120V CIRCUIT.

FIRE ALARM PLAN NOTES:

- FIRE ALARM EQUIPMENT AND DEVICES SHOWN ON THESE DRAWING INDICATE THE INTENT, PERFORMANCE, AND SCOPE OF THE SYSTEM. THE FULL DESIGN OF THE FIRE ALARM SYSTEM SHALL BE DONE BY THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE A SHOP DRAWING SUBMITTAL FOR APPROVAL BY THE LOCAL FIRE DEPARTMENT AND/OR THE AUTHORITY HAVING JURISDICTION. THE CONTRACTOR SHALL ARRANGE TO HAVE THE FIRE ALARM SYSTEM SUBMITTAL SEALED AND SIGNED BY A REGISTERED PROFESSIONAL ENGINEER WHO WILL ASSUME THE DUTY OF ENGINEER OF RECORD FOR THE FIRE ALARM SYSTEM DESIGN. THE ELECTRICAL ENGINEER OF RECORD AT CATOR, RUMA & ASSOCIATES, CO. WILL NOT BE RESPONSIBLE FOR SEALING AND SIGNING THE FIRE ALARM SYSTEM SHOP DRAWING SUBMITTAL.
- LOCATE SMOKE DETECTORS PER NFPA 72 AND MANUFACTURERS REQUIREMENTS. THE LOCATIONS OF SMOKE DETECTORS ON THE DRAWINGS ARE DIAGRAMMATIC ONLY. DETECTORS SHALL NOT BE PLACED WITHIN 3'-0" OF ANY CEILING MOUNTED HVAC SUPPLY AIR DEVICE.
- NEW FIRE ALARM DEVICES SHALL MATCH EXISTING, UNLESS NOTED OTHERWISE. PROVIDE RE-PROGRAMMING OF SYSTEM AS REQUIRED TO ACCOMMODATE NEW DEVICES. REVISE EXISTING ANNUNCIATOR(S) AND GRAPHIC ZONE MAP(S) TO REFLECT PROJECT FIRE ALARM AND ARCHITECTURAL MODIFICATIONS. UPDATE GRAPHIC ZONE MAPS THROUGHOUT THE BUILDING AS REQUIRED. SUBMIT TO ENGINEER AND BUILDING/FIRE DEPARTMENTS FOR REVIEW PRIOR TO INSTALLATION.

GENERAL NOTES:

- FOR REMODELING, WORK INCLUDED IS DENOTED IN BOLD. EXISTING CONDITIONS TO REMAIN ARE DENOTED LIGHTLY.
- PROTECT STRUCTURE AND OWNER EQUIPMENT FROM DAMAGE. IMMEDIATELY REPLACE OR REPAIR, TO ORIGINAL CONDITION, DAMAGE CAUSED BY THE CONTRACTOR WHETHER EQUIPMENT APPEARS TO BE CURRENTLY IN USE OR NOT, UNLESS WRITTEN AUTHORIZATION FROM THE OWNER INDICATED OTHERWISE. PREPARE LISTING OF ALL EXISTING DAMAGED ITEMS AND SUBMIT TO OWNER PRIOR TO BEGINNING WORK.
- INSTALL CONDUIT CONCEALED IN FINISHED AREAS UNLESS OTHERWISE NOTED. PAINT EXPOSED CONDUIT TO MATCH EXISTING FINISHES WITHIN THE SURROUNDING AREA.
- FIRE SEAL ALL FIRE RATED WALL AND FLOOR PENETRATIONS. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE RATED WALLS.
- COORDINATE EXACT REQUIREMENTS AND LOCATIONS OF MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS AND MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN AND ORDERING MATERIALS OR EQUIPMENT.
- EXISTING INFORMATION SHOWN ON THE DRAWINGS HAS BEEN TAKEN FROM OWNER FURNISHED DRAWINGS AND/OR LIMITED FIELD OBSERVATIONS. CATOR, RUMA & ASSOCIATES IS NOT RESPONSIBLE FOR THE ACCURACY OF ANY INFORMATION OR THE ADEQUACY, SAFETY AND CONFORMANCE TO CURRENT PREVAILING CODES OF ANY WORK SHOWN AS EXISTING ON THESE DRAWINGS.
- PROVIDE SEPARATE INSULATED EQUIPMENT GROUNDING CONDUCTOR IN ALL HOMERUN AND BRANCH CIRCUITS.

DEMOLITION NOTES:

- UNLESS NOTED OTHERWISE, BOLD ITEMS INDICATE EQUIPMENT, DEVICES, ETC., TO BE REMOVED. SEE SPECIFICATION SECTION 260500 FOR REMODEL/DEMOLITION DETAILED REQUIREMENTS.
- DEMOLITION DRAWINGS MAY NOT SHOW EVERY ITEM TO BE DEMOLISHED. CONTRACTOR SHALL VISIT SITE TO DETERMINE AND COORDINATE THE EXACT EXTENT OF DEMOLITION TO FACILITATE ALL WORK INDICATED BY THE CONTRACT DOCUMENTS PRIOR TO QUOTATION. NO EXTRAS WILL BE ALLOWED FOR WORK REQUIRED TO ACHIEVE THE END RESULT AS INDICATED BY THE CONTRACT DOCUMENTS. REWORK EXISTING TERMINATIONS, CONNECTIONS, CONDUIT, WIRING, ETC. TO ACCEPT NEW WORK. MAINTAIN CIRCUIT CONTINUITY TO EXISTING CIRCUITS AND DEVICES TO REMAIN OR REMODEL/DEMOLITION DETAILED REQUIREMENTS TO BE RELOCATED. PRIOR TO COMMENCEMENT OF ANY DEMO WORK, CONFIRM EXISTING CONDITIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES FOR RESOLUTION.
- ALL ITEMS IDENTIFIED TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY INCLUDING ALL WIRING AND EXPOSED CONDUIT AND CONDUIT SUPPORTS BACK TO POINT OF ORIGIN OR NEXT DEVICE TO REMAIN. REMOVED ITEMS SHALL BE TURNED OVER TO THE OWNER, UNLESS NOTED OTHERWISE, AND STORED IN THE AREA DESIGNATED BY THE OWNER. REMOVE FROM SITE AND LEGALLY DISPOSE OF ALL ITEMS THE OWNER CHOOSES NOT TO ACCEPT.
- WHERE EXISTING CONDUITS ARE SHOWN TO BE REMOVED AND HAVE BEEN ROUTED IN CONCRETE FLOOR SLABS, CONCRETE WALLS OR CONCRETE CEILINGS, THEY SHALL BE CUT BACK FLUSH WITH CONCRETE. FILL WITH GROUT TO ACHIEVE A SMOOTH AND EVEN FINISH FLUSH WITH CONCRETE SURFACE AFTER CONDUCTORS HAVE BEEN REMOVED.
- REUSE EXISTING CONDUIT WHERE CURRENT NEC AND LOCAL CODE REQUIREMENTS ARE MAINTAINED. PROVIDE NEW CONDUIT AND WIRE FOR NEW INSTALLATIONS AND EXTENSION OF EXISTING INSTALLATIONS. REUSE EXISTING CONDUIT IN PLACE. DO NOT REINSTALL EXISTING CONDUIT. PROVIDE LABELING PER SPECIFICATIONS FOR REUSED CONDUIT.
- WHERE EXISTING DEVICES, SWITCHES, MOTOR CONNECTIONS, ETC. ARE TO BE REMOVED FROM WALLS WHICH ARE REMAINING, WALLS SHALL BE PATCHED TO MATCH ORIGINAL FINISH. BLANK COVERPLATES OVER EXISTING BOXES ARE NOT ACCEPTABLE, UNLESS NOTED OTHERWISE.

ONE-LINE DIAGRAM NOTES:

- PANELBOARDS INDICATED ON ONE-LINE DIAGRAMS DO NOT SHOW ALL BRANCH CIRCUITS. REFER TO PANELBOARD SCHEDULE(S).
- EXISTING ONE-LINE DIAGRAM TAKEN FROM OWNER FURNISHED DRAWINGS. EXISTING INFORMATION SHOWN OTHER THAN LOCATIONS IMPACTED BY NEW WORK HAS NOT BEEN VERIFIED.

ARCHITECT Hord Coplan Macht, Inc. 700 E. Pratt St. Suite 1200 p. 410. 837. 7311			Baltimore, MD 21202 f. 410. 837. 6530
STRUCTURAL ENGINEER			
Consultant Name Street Address p. 000.000.0000		City, State 00000 f. 000.000.0000	
M/E/P ENGINEER		CATOR RUMA & ASSOCIATES, P.C. 1999 19th Street, Lincolnton, CO 80461 (303) 233-6205 • www.catorruma.com	
CIVIL ENGINEERS Street Address p. 000.000.0000		City, State 00000 f. 000.000.0000	

FITZSIMONS GROUND FLOOR RENO - RD&S

hord | coplan | macht

ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN



PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NUMBER:
EXPIRATION DATE:

no. date revision

Project Name
FITZSIMONS GROUND FLOOR
RENO - RD&S
Project Number
223084.00
Date
09/18/2023

Scale
1/8" = 1'-0"

Drawing
ELECTRICAL LEGENDS & NOTES

E-001

100% CONTRACT DOCUMENTS

LUMINAIRE SCHEDULE

COMMON NOTES: A. CATALOG NUMBERS DO NOT NECESSARILY REPRESENT COMPLETE CATALOG NUMBERS. ALL ITEMS LISTED IN THE DESCRIPTION SHALL BE PROVIDED. B. REFER TO LIGHTING SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. C. PROVIDE UNIT PRICING FOR ALL LUMINAIRES BY TYPE AND SUBMIT WITH BID FORM. D. PROVIDE FLICKER FREE LED DRIVERS MEETING IEEE 1789.												
SPECEIFIC REMARKS: 1. VERIFY OPAQUE VS LUMINOUS ENDS WITH ARCHITECT.												
TYPE	DESCRIPTION	LAMP		BALLAST/DRIVER			APPARENT LOAD	MANUFACTURER	CATALOG SERIES	FINISH	MOUNTING	REMARKS
		COLOR	LUMENS	TYPE	DIM LEVEL	VOLTAGE						
L1	4" RECESSED LINEAR LED WITH FROSTED DROP LENS	3500K 90 CRI	2896	0-10V	1%	277 V	26 VA	NULITE	RG4	WHITE	CLG	1
L1E	4" RECESSED LINEAR LED WITH FROSTED DROP LENS WITH 90-MINUTE BATTERY BACKUP	3500K 90 CRI	2896	0-10V	1%	277 V	26 VA	NULITE	RG4	WHITE	CLG	1

LIGHTING CONTROL MATRIX

COMMON NOTES: A. NOT ALL SPACE NAMES ARE LISTED FOR EACH LIGHTING CONTROL TYPE. REFER TO PLANS FOR ALL SPACES TO BE CONTROLLED. B. SPACES MAY CONTAIN MULTIPLE ZONES OF CONTROL. REFER TO PLANS FOR QUANTITY OF ZONES, SWITCHES, ETC. C. PROVIDE THE QUANTITY OF SENSORS AS REQUIRED FOR FULL COVERAGE OF THE SPACE. DEVICES SHOWN ON PLAN ARE FOR DESIGN INTENT ONLY AND DO NOT NECESSARILY D. REFLECT THE EXACT QUANTITY REQUIRED FOR FULL COVERAGE. E. WHERE A SINGLE SWITCH/DIMMER IS DENOTED WITH MULTIPLE SWITCH LEGS, DESIGN INTENT IS A SINGLE-GANG DEVICE WITH MULTIPLE-MODE CONTROL. F. ALL NON-NETWORKED SPACES WITH SENSORS SHALL BE PROVIDED WITH MANUAL "OFF" MEANS. WHERE NETWORKED SPACES HAVE NO MANUAL "OFF" MEANS WITHIN SPACE, PROVIDE LABELED MEANS OF SHUTOFF AT CONTROLLER LOCATION FOR NO MORE...									
SPECIFIC: 1. VERIFY NORMAL BUSINESS HOURS WITH OWNER: REDUCE LIGHTING LEVELS BY 50% DURING UNOCCUPIED NORMAL BUSINESS HOURS; OTHERWISE, REDUCE LIGHTING LEVELS TO 0% WHEN UNOCCUPIED.									
KEY: ON / OFF CONTROL OCC / VAC M = MANUAL (SWITCH), A = AUTOMATIC (SENSOR), T = TIME SCHEDULE, P = EXTERIOR PHOTOCELL, #% = CONTROL TO #% LIGHT LEVEL 0-10V DIMMING, ELV DIMMING, STEP DIMMING, DMX CONTROL DT = DUAL TECHNOLOGY, PIR = PASSIVE INFRARED, CLG = CEILING MOUNT, WALL = WALL CORNER MOUNT, SW = INTEGRAL TO WALL SWITCH									
TYPE	SPACE	ON	OFF	CONTROL	OCCUPANCY / VACANCY SENSOR			RCPT CONTROL	REMARKS
					TECH	MOUNT	DELAY (MIN.)		
LC1	ENTRY CORRIDOR	A	A	0-10V	DT	CLG	20	X	1
LC8	PRIVATE OFFICE	M	A	0-10V	DT	CLG	5	X	
LC9	CONFERENCE ROOM	M	A	0-10V	DT	CLG	20	X	

GENERAL EQUIPMENT SCHEDULE

COMMON NOTES: A. PRIOR TO WORK, VERIFY EXACT LOCATION FOR EACH PIECE OF EQUIPMENT WITH ARCHITECT AND/OR OWNER.												
SPECIFIC REMARKS: 1. MOUNT RECEPTACLE WITHIN DISPLAY BACKBOX. REFER TO TECHNOLOGY PLANS FOR SPECIFICATION.												
KEY	#	ITEM	HP	FLA	LOAD	EQ LOAD (VA)	VOLTAGE	FEEDERS			PROTECTION	
								WIRE	GROUND	CONDUIT	BREAKER	FUSE
DISP		DIGITAL DISPLAY	0	0 A	180 VA	180 VA	120 V/ 1ph	2#12	#12G	3/4"	20 A	

Panel NGNL-14

(EXISTING)

Location:
Supply From:
Mounting: Recessed
Enclosure: Type 1

Voltage: 120/208 Wye
Phase: 3
Wire: 4

Mains Type: MLO
Bus Rating: 100 A

Circuit Notes:
1. CIRCUIT MADE SPARE BY DEMOLITION.
2. NEW LOAD ON EXISTING CIRCUIT BREAKER MADE AVAILABLE BY DEMOLITION.

Note	Circ...	Load	Type	Trip	Po...	A	B	C	Po...	Trip	Type	Load	Circ...	Note
2	1	RECEPT	R	20 A	1	1080 VA	--		1	--	SPACE		2	
3		SPACE	--	--	1		-- 0 VA		1	20 A	--	SPARE	4	
5		NG 19 RECEPTS	R	20 A	1			1080 VA 0 VA	1	20 A	--	SPARE	6	
7		NG 18 RECEPTS	R	20 A	1	1080 VA 180 VA			1	20 A	R	OFFICE RECEPT	8	2
2	9	RECEPT	R	20 A	1		900 VA 1080 VA		1	20 A	R	COUNTER RECP NG 15	10	
11		SPACE	--	--	1			-- 180 VA	1	20 A	R	OFFICE RECEPT	12	2
1	13	SPARE	--	50 A	2	0 VA 0 VA	0 VA 0 VA		3	40 A	--	SPARE	14	
17		SPARE	--	20 A	1			0 VA 0 VA					16	1
19		SPARE	--	20 A	1	0 VA 0 VA							18	
2	21	FRIDGE RECEPT	R	20 A	1		600 VA 0 VA		3	20 A	--	SPARE	20	1
23		SPACE	--	20 A	1			0 VA 0 VA					22	
25		SPACE	--	20 A	1	0 VA 180 VA			1	20 A	R	ENTRY RECEPT	26	2
27		SPACE	--	20 A	1		0 VA 0 VA		1	20 A	--	SPARE	28	1
29		SPACE	--	20 A	1			0 VA 0 VA	1	20 A	--	SPARE	30	
Total Load:						2520 VA	2580 VA	1260 VA						
Total Amps:						23 A	23 A	11 A						
Phase Balance:						2 % A-B	120 % B-C	115 % C-A						
Load Type		Connected Load		Demand Factor		Demand Load		Panel Totals						
L	Lighting	0 VA		0.00%		0 VA		Power Factor: 1						
R	Receptacle	6360 VA		100.00%		6360 VA								
M	Motor	0 VA		0.00%		0 VA		Total Connected Load: 6360 VA						
C	Continuous	0 VA		0.00%		0 VA		Total Connected Current: 18 A						
G	General	0 VA		0.00%		0 VA								
K	Kitchen	0 VA		0.00%		0 VA		Total Demand Load: 6360 VA						
E	Existing	0 VA		0.00%		0 VA		Total Demand Current: 18 A						
O	Other	0 VA		0.00%		0 VA								

General Notes:

PANEL NGNL-14 LOAD SUMMARY	
RECEPTACLE LOAD REMOVED	23 KVA
RECEPTACLE LOAD ADDED	27 KVA
NET LOAD REMOVED	20.3 KVA

ARCHITECT
Hord Coplan Macht, Inc.
700 E. Pratt St, Suite 1200
p. 410. 837. 7311

STRUCTURAL ENGINEER
Consultant Name
Street Address
p. 000.000.0000

M/E/P ENGINEER
Consultant Name
Street Address
p. 000.000.0000

Baltimore, MD 21202
f. 410. 837. 6530

City, State 00000
f. 000.000.0000

City, State 00000
f. 000.000.0000

CIVIL ENGINEERS
Consultant Name
Street Address
p. 000.000.0000

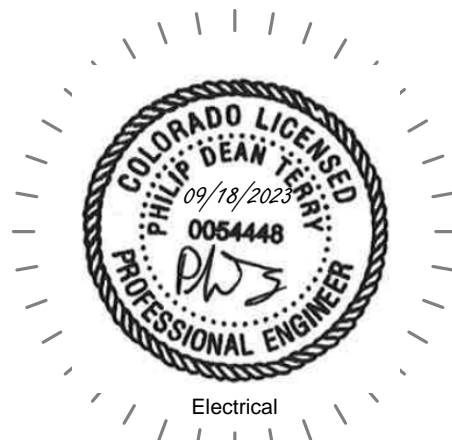
City, State 00000
f. 000.000.0000

CATOR | RUMA
& ASSOCIATES, P.C.
6961 3600 Street, Linthicum, MD 21093
(303) 233-6200 • www.catorruma.com

FITZSIMONS
GROUND FLOOR
RENO - RD&S

hord | coplan | macht

ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN



PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A SOLELY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NUMBER: _____
EXPIRATION DATE: _____

no. date revision

Project Name
FITZSIMONS GROUND FLOOR
RENO - RD&S

Project Number
223084.00

Date
09/18/2023

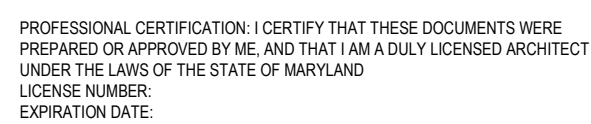
Scale
1/8" = 1'-0"

Drawing
ELECTRICAL SCHEDULES

E-002

100% CONTRACT DOCUMENTS

ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN



no.	date	revision
-----	------	----------

Project Name
FITZSIMONS GROUND FLOOR
RENO - RD&S

Project Number	
223084.00	

Date
09/18/2023

Scale
1/8" = 1'-0"

Drawing

ELECTRICAL ONE-LINE DIAGRAM

100% CONTRACT DOCUMENTS



SCALE: NONE
(SHOWN FOR REFERENCE ONLY)


HWJ085717948 (JLSEBUC) | FREDER SCHER, LEADING OMA Form Version 0437

ARCHITECT
Hord Coplan Macht, Inc.
 700 E. Pratt St. Suite 1200
 Baltimore, MD 21202
 f. 410. 837. 6530

STRUCTURAL ENGINEER

Consultant Name
 Street Address
 City, State 00000
 o. 000.000.0000 f. 000.000.0000

M/E/P ENGINEER

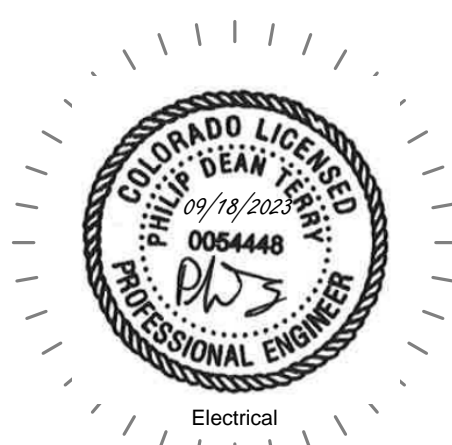
 **CATOR & RUMA**
 ASSOCIATES, CO.
 896 Trent Street, Lakewood, CO 80401
 (303) 252-6200 • www.catorrumba.com

CIVIL ENGINEERS

Consultant Name
 Street Address
 City, State 00000
 o. 000.000.0000 f. 000.000.0000

hord | coplan | macht

ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN



PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE
PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT
UNDER THE LAWS OF THE STATE OF MARYLAND
LICENSE NUMBER:
EXPIRATION DATE:

no.	date	revision

Project Name
FITSIMONS GROUND FLOOR
RENO - RD&S

Project Number
223084.00

Date
09/18/2023

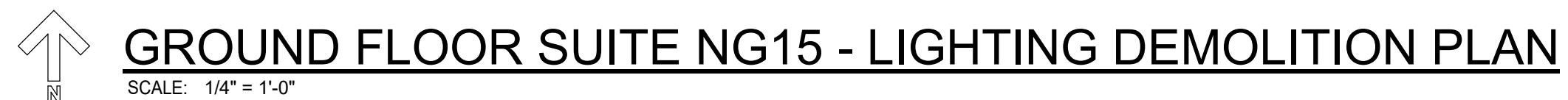
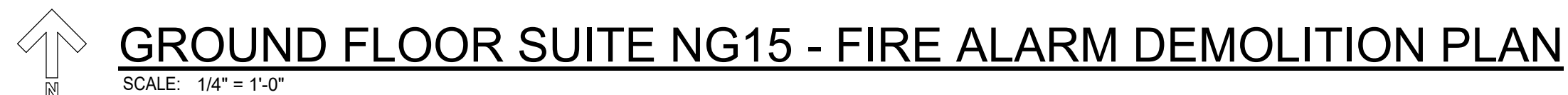
Scale
As indicated

Drawing
ELECTRICAL PLANS

E-100

100% CONTRACT DOCUMENTS

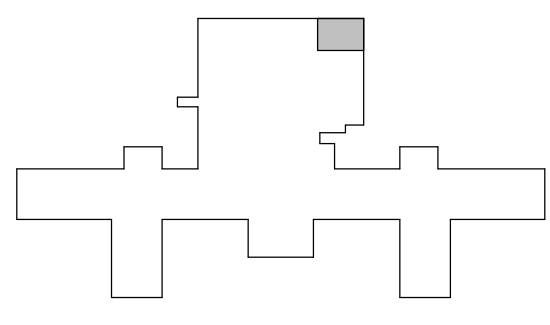
© Hord Coplan Macht, Inc.



LIGHTING BRANCH CIRCUIT LOAD SUMMARY	
LIGHTING LOAD REMOVED	480 VA
LIGHTING LOAD ADDED	442 VA
NET LOAD REMOVED	38 VA

1"

IF LINE DOES NOT MEASURE 1 INCH,
DRAWING IS NOT TO SCALE



5/15/2023 9:38:48 AM
B:\CI\11\enb\tr\2023_0415\Filtration_1st Floor Suite Renovation\CAD

ABBREVIATIONS LEGEND (Not all symbols listed below are used on these drawings)			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
AC	ABOVE COUNTER, MOUNT HORIZONTALLY TO CENTERLINE OF DEVICE, 48"	NTS	NOT TO SCALE
AFF	ABOVE FINISHED FLOOR	OC	ON CENTER
AFG	ABOVE FINISHED GRADE	OFCl	OWNER FURNISHED, CONTRACTOR INSTALLED
ARF	ABOVE RAISED FLOOR	OFOf	OWNER FURNISHED, OWNER INSTALLED
BFG	BELOW FINISHED GRADE	OSWF	ON SITE WORK FORCE
BIO	BIO-HAZARD	PB	PULL BOX
C	CONDUIT	PZ	PIEZOSOUNDER
CATV	CABLE TELEVISION	POS	POINT OF SALES
CCTV	CLOSED CIRCUIT TELEVISION	SB	STAND-BY
CTRL	CONTROL	SCH	SCHEDULER
(E)	EXISTING	TC	TIME CLOCK
EM	EMERGENCY	TP	TAMPER PROOF
EP	EMERGENCY PHONE	TR	TELECOMMUNICATIONS ROOM
ETC	ELAPSE TIME CLOCK	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSER
EWB	ELECTRIC WHITE BOARD	TYP	TYPICAL
FA	FIRE ALARM	UF	UNDER FLOOR
G	GROUND	UG	UNDER GROUND
I/O P	INPUT / OUTPUT PLATE	UON	UNLESS OTHERWISE NOTED
LD	LOCK DOWN	UPS	UNINTERRUPTIBLE POWER SUPPLY
MAX	MAXIMUM	W/	WITH
MIN	MINIMUM	W/O	WITHOUT
NC	NORMALLY CLOSED	WM	WIREMOLD
NIC	NOT IN CONTRACT	WP	WEATHER PROOF
NO	NORMALLY OPEN	RIO	ROUGH IN ONLY

REFERENCE SYMBOLS LEGEND (Not all symbols listed below are used on these drawings)			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	NOTE REFERENCE		DOOR NUMBER
	OWNER/MEDICAL EQUIPMENT REFERENCE		EXISTING TO BE RELOCATED
	# = TYPICAL LAYOUT TYPE		TR ZONE LINE
	T# = LOCATION OF TYPICAL LAYOUT TYPE INFORMATION		REVISION

TECHNOLOGY LEGEND (Not all symbols listed below are used on these drawings)			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	WALL FIELD		CEILING MOUNTED OUTLET (# = QTY OF CABLES; XXX = SEE BELOW)
	TELECOM GROUND BAR		AV = AUDIO VISUAL SEC = SECURITY
	WIRE BASKET TRAY		WAP=WIRELESS ACCESS POINT PRJ = PROJECTOR
	CABLE TRAY		DATA POWER POLE (XXX = SEE BELOW)
	J-HOOK PATHWAY		SEC = SECURITY SR = SURFACE RACEWAY
	FLOOR SPACE BOX DATA OUTLET(# = QTY OF CABLES)		TELEVISION COAXIAL CABLE (ZZ = ELEVATION)
	POKE-THRU (# = QTY OF CABLES)		CEILING MOUNTED TELEVISION COAXIAL OUTLET
	DATA OUTLET (# = QTY OF CABLES; XXX = SEE BELOW, ZZ = ELEVATION)		FLOOR JBOX
	D = MEDICAL/SUPPLY DISPENSER RED = RED PHONE		POKE THRU, (XXX = SEE BELOW)
	EEO = EEG NETWORK T = TRANSLATION PHONE		FF = FURNITURE FEED AV = AUDIO VISUAL
	EP = EMERGENCY PHONE TC = TIME CLOCK		WALL MOUNTED JBOX (XXX = SEE BELOW; ZZ = ELEVATION)
	F = FACP W = WALL PHONE		CLG = CEILING AV = AUDIO VISUAL
	POS = POINT OF SALE AV = AUDIO VISUAL		PULLBOX (YY = SIZE)
	RAD = RADIOLOGY NETWORK PRT = PRINTER		CLOCK OUTLET (XXX = SEE BELOW)
	SR = SURFACE RUNWAY MFP = MULTI FUNCTIONS PRINTER		DS = DOUBLE SIDED DIGITAL (PROVIDE 1 CAT 6 CONNECTION)
	BAS = BUILDING AUTOMATION SYSTEM WP = WEATHER PROOF		A = ANALOG
	SCH = SCHEDULER SEC = SECURITY		COMBINATION CLOCK/SPEAKER OUTLET (XXX = SEE BELOW)
	CP = CONTROL PANEL CLK = CLOCK		A = ANALOG D = DIGITAL
			CEILING MOUNTED CLOCK
			DISTRIBUTED ANTENNA SYSTEM
			WIRELESS ACCESS POINT ENCLOSURE
			EQUIPMENT RACK
			WIRE MANAGER
			CABINET

SECURITY LEGEND (Not all symbols listed below are used on these drawings)			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	WALL FIELD		CARD READER (XXX = SEE BELOW)
	INTERCOM DOOR STATION		BIO = BIOMETRIC KP = INTEGRATED KEYPAD
	INTERCOM MASTER STATION		IL = INTEGRATED LOCK CB = CODE BLUE ELEVATOR CALL
	DURESS ALARM		DOOR AUTO OPENER
	MOTION DETECTOR		DOOR CONTACT
	CEILING MOUNTED MOTION DETECTOR		ELECTRIC DOOR LOCK
	GLASS BREAK DETECTOR		ELECTRIC DOOR STRIKE
	CEILING MOUNTED GLASS BREAK DETECTOR		REQUEST TO EXIT
	PUSH PAD		ELECTRIC HINGE
	KEYPAD		ELECTRIC POWER TRANSFER
	FIXED PZ SECURITY CAMERA, CLG MOUNTED(XX=CAMERA SCHEDULE NUMBER)		POWER SUPPLY
	FIXED SECURITY CAMERA, WALL MOUNTED(XX=CAMERA SCHEDULE NUMBER)		MAGNETIC DOOR LOCK
	MULTI SENSOR SECURITY CAMERA (XX=CAMERA SCHEDULE NUMBER)		LOCK OUT
	EMERGENCY CALL BOX		LOCK DOWN
			DOOR RELEASE
			SECURITY CAMERA FIELD OF VIEW

DEMOLITION SYMBOLS LEGEND (Not all symbols listed below are used on these drawings)	
SYMBOL	DESCRIPTION
	EXISTING TO BE DEMOLISHED.
	EXISTING TO REMAIN, NO CHANGE.
	DATA OUTLET (# = QTY OF NEW CABLES; XXX = SEE DESCRIPTION) AC = ABOVE COUNTER
	BACK BOX EXISTING TO REMAIN, PULL NEW CABLE. W = WALL PHONE
	BACK BOX EXISTING TO REMAIN, PROVIDE BLANK COVER PLATE.
	EXISTING NURSE CALL TO BE DEMOLISHED. XX = TYPE OF NURSE CALL
	EXISTING NURSE CALL TO REMAIN, NO CHANGE. XX = TYPE OF NURSE CALL
	EXISTING TO BE RELOCATED, PULL NEW CABLE.

ADD ALTERNATE NOTES:

- NEW POWER AND DATA ON THE WEST WALL FOR FLAT SCREEN MONITORS, RE-ELEC DRAWINGS. INSTALL OWNER-PROVIDED FLAT SCREEN MONITORS. (BASE-BID - NO NEW POWER AND DATA. FLAT SCREEN MONITORS WILL NOT BE INSTALLED.)

GENERAL NOTES:

- WORK INCLUDED IN THE CONTRACT IS DENOTED IN BOLD. EXISTING CONDITIONS TO REMAIN ARE DENOTED LIGHTLY.
- PROTECT STRUCTURE AND OWNER EQUIPMENT FROM DAMAGE. IMMEDIATELY REPLACE OR REPAIR, TO ORIGINAL CONDITION, DAMAGE CAUSED BY THE CONTRACTOR WHETHER EQUIPMENT APPEARS TO BE CURRENTLY IN USE OR NOT, UNLESS WRITTEN AUTHORIZATION FROM THE OWNER INDICATED OTHERWISE. PREPARE LISTING OF ALL EXISTING DAMAGED ITEMS AND SUBMIT TO OWNER PRIOR TO BEGINNING WORK.
- INSTALL CONDUIT CONCEALED IN FINISHED AREAS UNLESS OTHERWISE NOTED. PAINT EXPOSED CONDUIT TO MATCH EXISTING FINISHES WITHIN THE SURROUNDING AREA.
- DO NOT ROUTE CONDUIT WITHIN STRUCTURAL OR TOPPING SLABS OF FLOORS UNLESS SPECIFICALLY NOTED OTHERWISE AND WRITTEN APPROVAL IS OBTAINED FROM THE STRUCTURAL ENGINEER.
- FIRE SEAL ALL FIRE RATED WALL AND FLOOR PENETRATIONS. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE RATED WALLS.
- A DETAILED WRITTEN METHOD OF PROCEDURE IS REQUIRED WHEN A CONSTRUCTION ACTIVITY OR AN OUTAGE AFFECTS THE SAFETY OF OCCUPANTS, TELEPHONE/DATA/FIRE ALARM EQUIPMENT OR COMPONENTS OF ANY SYSTEM WHICH SUPPORTS THIS EQUIPMENT OR ESSENTIALLY AFFECTS THE BUILDING MANAGEMENT, OPERATIONS OR SECURITY. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- EXISTING INFORMATION SHOWN ON THE DRAWINGS HAS BEEN TAKEN FROM OWNER FURNISHED DRAWINGS AND/OR LIMITED FIELD OBSERVATIONS. CATOR, RUMA & ASSOCIATES IS NOT RESPONSIBLE FOR THE ACCURACY OF ANY INFORMATION OR THE ADEQUACY, SAFETY AND CONFORMANCE TO CURRENT PREVAILING CODES OF ANY WORK SHOWN AS EXISTING ON THESE DRAWINGS.

DEMOLITION NOTES:

- UNLESS NOTED OTHERWISE, BOLD ITEMS INDICATE EQUIPMENT, DEVICES, ETC. TO BE REMOVED.
- DEMOLITION DRAWINGS MAY NOT SHOW EVERY ITEM TO BE DEMOLISHED. CONTRACTOR SHALL VISIT SITE TO DETERMINE AND COORDINATE THE EXACT EXTENT OF DEMOLITION TO FACILITATE ALL WORK INDICATED BY THE CONTRACT DOCUMENTS PRIOR TO QUOTATION. NO EXTRAS WILL BE ALLOWED FOR WORK REQUIRED TO ACHIEVE THE END RESULT AS INDICATED BY THE CONTRACT DOCUMENTS. NEW/WORK EXISTING TERMINATIONS, CONNECTIONS, CONDUIT, WIRING, ETC. TO ACCEPT NEW WORK, MAINTAIN CIRCUIT CONTINUITY TO EXISTING CIRCUITS AND DEVICES TO REMAIN OR BE RELOCATED. PRIOR TO COMMENCEMENT OF ANY DEMO WORK, CONTRM EXISTING CONDITIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES FOR RESOLUTION.
- ALL ITEMS IDENTIFIED TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY INCLUDING ALL WIRING AND EXPOSED CONDUIT AND CONDUIT SUPPORTS BACK TO POINT OF ORIGIN OR NEXT DEVICE TO REMAIN. REMOVED ITEMS SHALL BE TURNED OVER TO THE OWNER, UNLESS NOTED OTHERWISE, AND STORED IN THE AREA DESIGNATED BY THE OWNER. REMOVE FROM SITE AND LEGALLY DISPOSE OF ALL ITEMS THE OWNER CHOOSES NOT TO ACCEPT.
- WHERE EXISTING CONDUITS ARE SHOWN TO BE REMOVED AND HAVE BEEN ROUTED IN CONCRETE FLOOR SLABS, CONCRETE WALLS OR CONCRETE CEILINGS, THEY SHALL BE CUT BACK FLUSH WITH CONCRETE, FILL WITH GROUT TO ACHIEVE A SMOOTH AND EVEN FINISH FLUSH WITH CONCRETE SURFACE AFTER CONDUCTORS HAVE BEEN REMOVED.
- REUSE EXISTING CONDUIT WHERE CURRENT NEC AND LOCAL CODE REQUIREMENTS ARE MAINTAINED. PROVIDE NEW CONDUIT AND WIRE FOR NEW INSTALLATIONS AND EXTENSION OF EXISTING INSTALLATIONS. REUSE EXISTING CONDUIT IN PLACE, DO NOT REINSTALL EXISTING CONDUIT. PROVIDE LABELING PER SPECIFICATIONS FOR REUSED CONDUIT.
- RELOCATED EQUIPMENT AND DEVICES ARE TO BE CLEANED OF ALL FOREIGN MATERIAL. REPLACE EQUIPMENT OR DEVICES WHICH ARE DEFECTIVE OR DAMAGED DURING RELOCATION.
- WHERE EXISTING DEVICES ARE TO BE REMOVED FROM WALLS WHICH ARE REMAINING, WALLS SHALL BE PATCHED TO MATCH ORIGINAL FINISH. BLANK COVERPLATES OVER EXISTING BOXES ARE NOT ACCEPTABLE, UNLESS NOTED OTHERWISE.

ROUGH-IN AND PATHWAY PLAN NOTES:

- PROVIDE 4-11/16" x 4-11/16" x 2-7/8" OUTLET BOX AND SINGLE GANG MUD RING FOR ALL TELEDATA OUTLETS. ROUTE 1" CONDUIT FROM EACH OUTLET TO ABOVE ACCESSIBLE CEILING UNLESS OTHERWISE NOTED. PROVIDE INSULATED THROAT CONNECTOR ON CONDUIT END. KEEP ALL EXPOSED CONDUITS TIGHT TO STRUCTURE.
- PROVIDE 4-11/16" x 4-11/16" x 2-7/8" OUTLET BOX AND SINGLE GANG MUD RING FOR ALL SECURITY, CCTV AND ACCESS CONTROL. ROUTE 3/4" CONDUIT FROM EACH OUTLET TO ABOVE ACCESSIBLE CEILING UNLESS OTHERWISE NOTED. PROVIDE INSULATED THROAT CONNECTOR ON CONDUIT END. KEEP ALL EXPOSED CONDUITS TIGHT TO STRUCTURE.
- PROVIDE 4-11/16" x 4-11/16" x 2-7/8" OUTLET BOX AND SINGLE-GANG MUD RING FOR ALL AV DEVICE AND DISPLAY BACKBOX LOCATIONS UNLESS OTHERWISE NOTED. ROUTE 1-1/4" CONDUIT TO ABOVE ACCESSIBLE CEILING UNLESS OTHERWISE NOTED. PROVIDE INSULATED THROAT CONNECTOR ON CONDUIT END. KEEP ALL EXPOSED CONDUITS TIGHT TO STRUCTURE.
- COORDINATE ALL SECURITY SYSTEMS BOXES AND CONDUIT ROUTING REQUIREMENTS WITH SECURITY SYSTEMS VENDOR.
- COORDINATE AND VERIFY EXACT MOUNTING LOCATIONS OF WALL CEILING, AND FLOOR DEVICES WITH ARCHITECTURAL ELEVATIONS AND ANY FURNITURE OR SPECIALTY EQUIPMENT SUPPLIER DRAWINGS PRIOR TO ROUGH-IN.
- CONDUIT DEDICATED FOR TECHNOLOGY SYSTEMS SHALL BE INSTALLED IN EMT UNLESS OTHERWISE NOTED. FLEX CONDUIT SHALL NOT BE USED WITHOUT PRIOR APPROVAL FROM THE ENGINEER OR OWNER.
- CONDUIT DEDICATED FOR TECHNOLOGY SYSTEMS SHALL NOT EXCEED 100' OR CONTAIN MORE THAN 180 DEGREES OF TOTAL BENDS WITHOUT UTILIZING APPROPRIATELY SIZED PULL BOXES.
- MINIMUM BEND RADI FOR 2" CONDUIT OR SMALLER SHALL BE 6 TIMES THE OUTSIDE DIAMETER OF THE CONDUIT. BEND RADI FOR CONDUIT LARGER THAN 2" SHALL BE 10 TIMES THE OUTSIDE DIAMETER OF THE CONDUIT. L-BENDS SHALL NOT BE USED.
- CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND NOTIFY ENGINEER OF ANY ADVERSE FIELD CONDITIONS PRIOR TO PERFORMING ANY WORK.
- REUSE EXISTING PATHWAY WHERE APPLICABLE. ANY/ ALL J-HOOK PATHWAYS SHALL BE SUPPORTED AT A MINIMUM OF EVERY 5 FEET.

ARCHITECT
Hord Coplan Macht, Inc.
700 E. Pratt St, Suite 1200
p. 410. 837. 7311
Baltimore, MD 21202
f. 410. 837. 6530

STRUCTURAL ENGINEER
Consultant Name
Street Address
p. 000.000.0000
City, State 00000
f. 000.000.0000

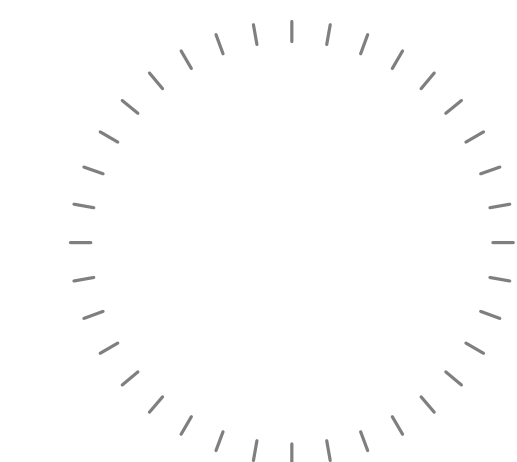
M/E/P ENGINEER
CATOR | RUMA
& ASSOCIATES, C.O.
696 190th Street, Limerick, CO 80401
(303) 233-6205 • www.catorruma.com

CIVIL ENGINEERS
Consultant Name
Street Address
p. 000.000.0000
City, State 00000
f. 000.000.0000

FITZSIMONS GROUND FLOOR RENO - RD&S

hord | coplan | macht

ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN



PROFESSIONAL CERTIFICATION I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NUMBER:
EXPIRATION DATE:

no. date revision

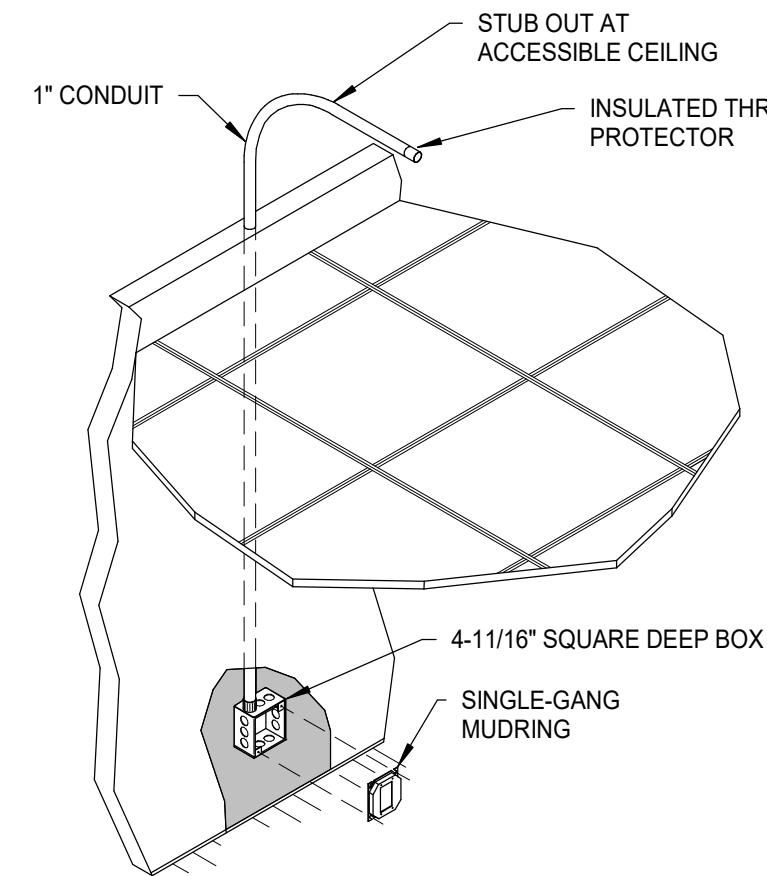
Project Name
FITZSIMONS GROUND FLOOR
RENO - RD&S
Project Number
223084.00

Date
09/18/2023

Scale
1/8" = 1'-0"

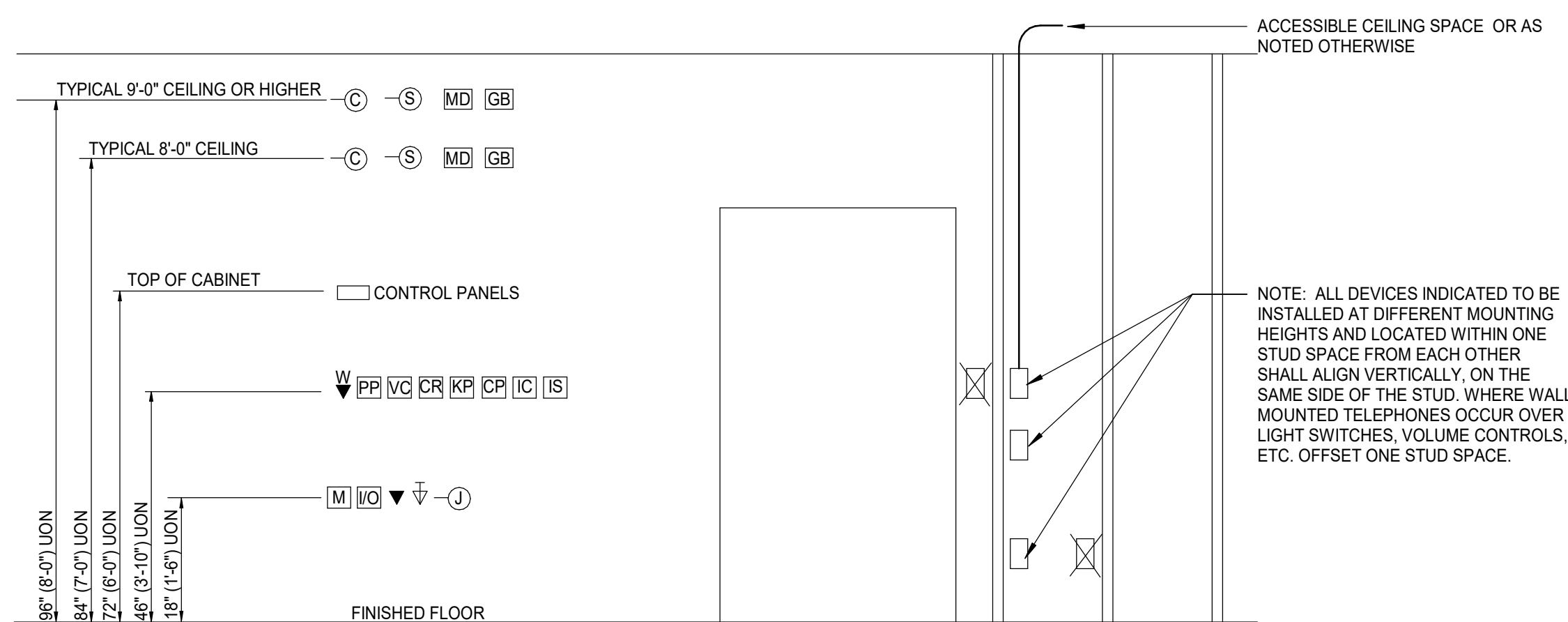
Drawing
TECHNOLOGY LEGENDS &
NOTES

T-001



OUTLET ROUGH-IN DETAIL

NO SCALE



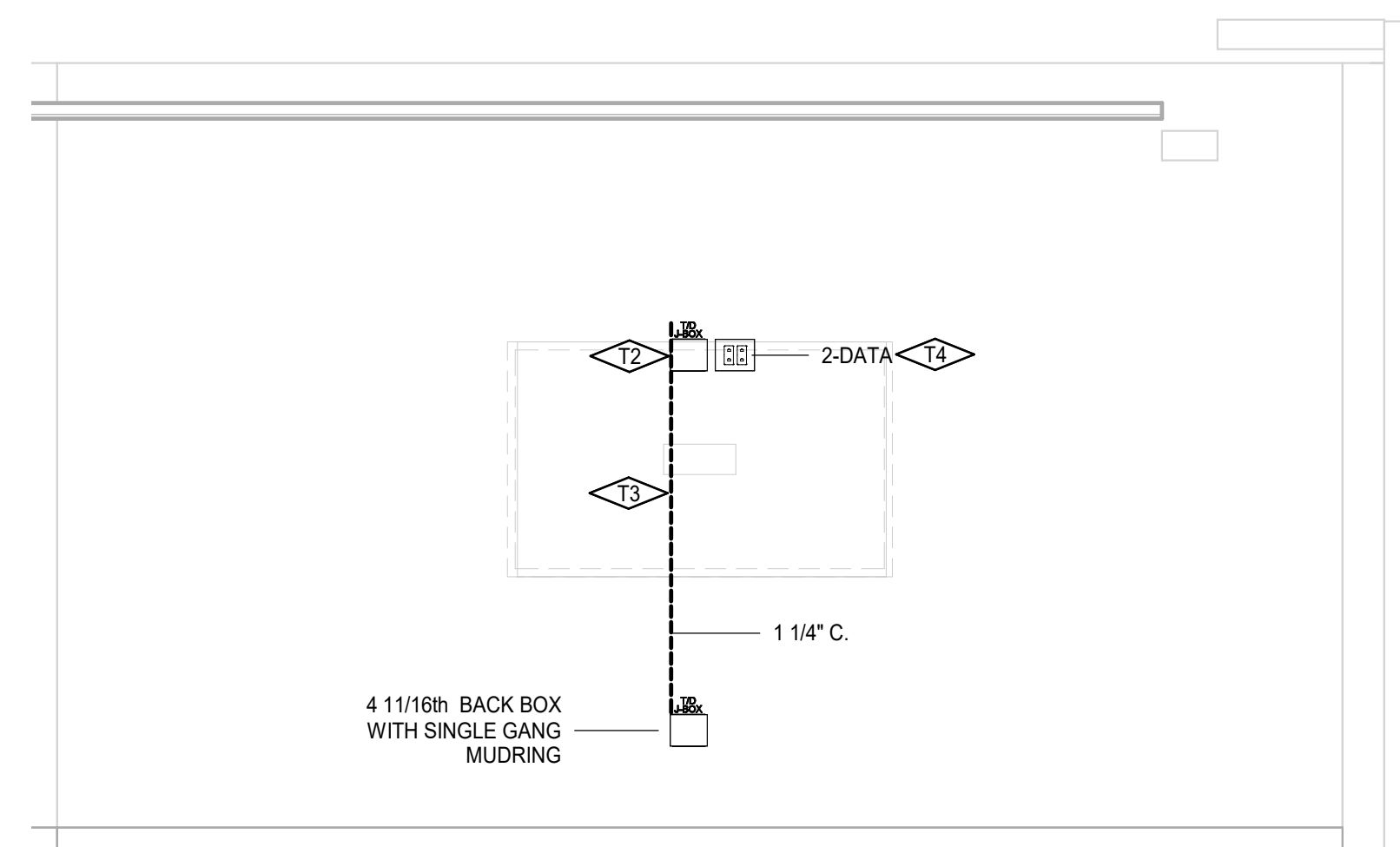
TYPICAL LOW VOLTAGE DEVICE MOUNTING HEIGHTS

NO SCALE

- NOTES:
1. HEIGHTS SHOWN ARE TYPICAL TO CENTERLINE OF BOX UNLESS OTHERWISE NOTED.
2. WHERE EVER DEVICES ARE INDICATED TO BE ABOVE DOORS, DEVICE SHALL BE CENTERED BETWEEN TOP OF DOOR TRIM AND CEILING LINE.
3. MOUNTING HEIGHTS SHOWN ON ARCHITECTURAL ELEVATIONS SHALL GOVERN OVER THOSE SHOWN ABOVE. VERIFY MOUNTING HEIGHTS SHOWN ON ARCHITECTURAL ELEVATIONS. DEVICES AND COVER PLATES SHALL NOT COVER/OVERLAP EDGES OF WAINSCOTING, TILE OR OTHER SPECIALTY WALL FINISHES.

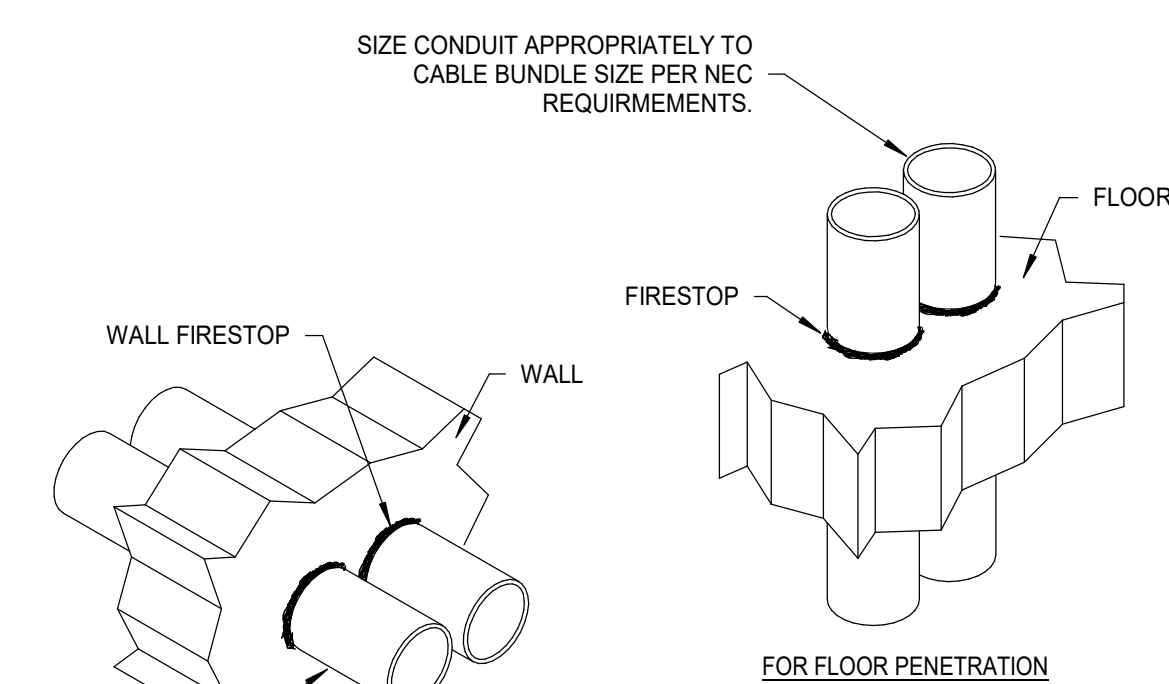
- NOTES:
1. DEVICE MOUNTING HEIGHTS SHALL BE PER MOST CURRENT VERSION OF GOVERNING CODE AND STANDARDS NEC, IBC, NFPA, ADA, ETC. WHERE DISCREPANCIES BECOME EVIDENT, CONSULT THE ARCHITECT AND ENGINEER OF RECORD.
 2. WHERE DEVICES ARE INSTALLED ABOVE COUNTER, THE DEVICES SHALL BE INSTALLED AT 46" MAXIMUM (COUNTER/SHELVES 0-20 INCHES WIDE) AND 44" MAXIMUM (COUNTER/SHELVES 20-25 INCHES WIDE) ABOVE FINISHED FLOOR TO DEVICE CENTER.
 3. LOW VOLTAGE DEVICES SHALL NOT BE INSTALLED BELOW 15" AFF PER ADA STANDARDS.

KEYNOTES	
T2	PROVIDE CHIEF PAC526 AV BACK BOX FOR DISPLAY.
T3	CONNECT LOW HDMI AV JUNCTION BOX TO DISPLAY BACKBOX WITH (1) 1-1/4" CONDUIT. PROVIDE/ EXTEND HDMI CONNECTION FROM DISPLAY TO HDMI FACEPLATE LOCATED AT THE WALL.
T4	POWER AND DATA TO BE INSTALLED INSIDE BACKBOX.



TYPICAL DISPLAY ELEVATION

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



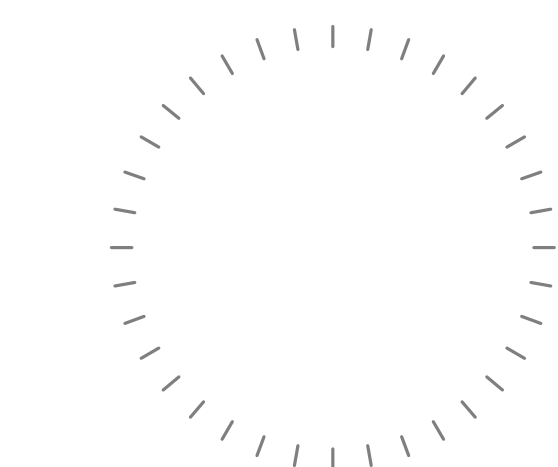
RATED WALL PENETRATION DETAIL

NO SCALE

FITZSIMONS
GROUND FLOOR
RENO - RD&S

hord | coplan | macht

ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN



PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE
PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT
UNDER THE LAWS OF THE STATE OF MARYLAND
LICENSE NUMBER:
EXPIRATION DATE:

[illegible]

no.	date	revision
-----	------	----------

Project Name
FITZSIMONS GROUND FLOOR
RENO - RD&S

Project Number
223084.00

Date
09/18/2023

Scale
As indicated

Drawing

TECHNOLOGY DETAILS

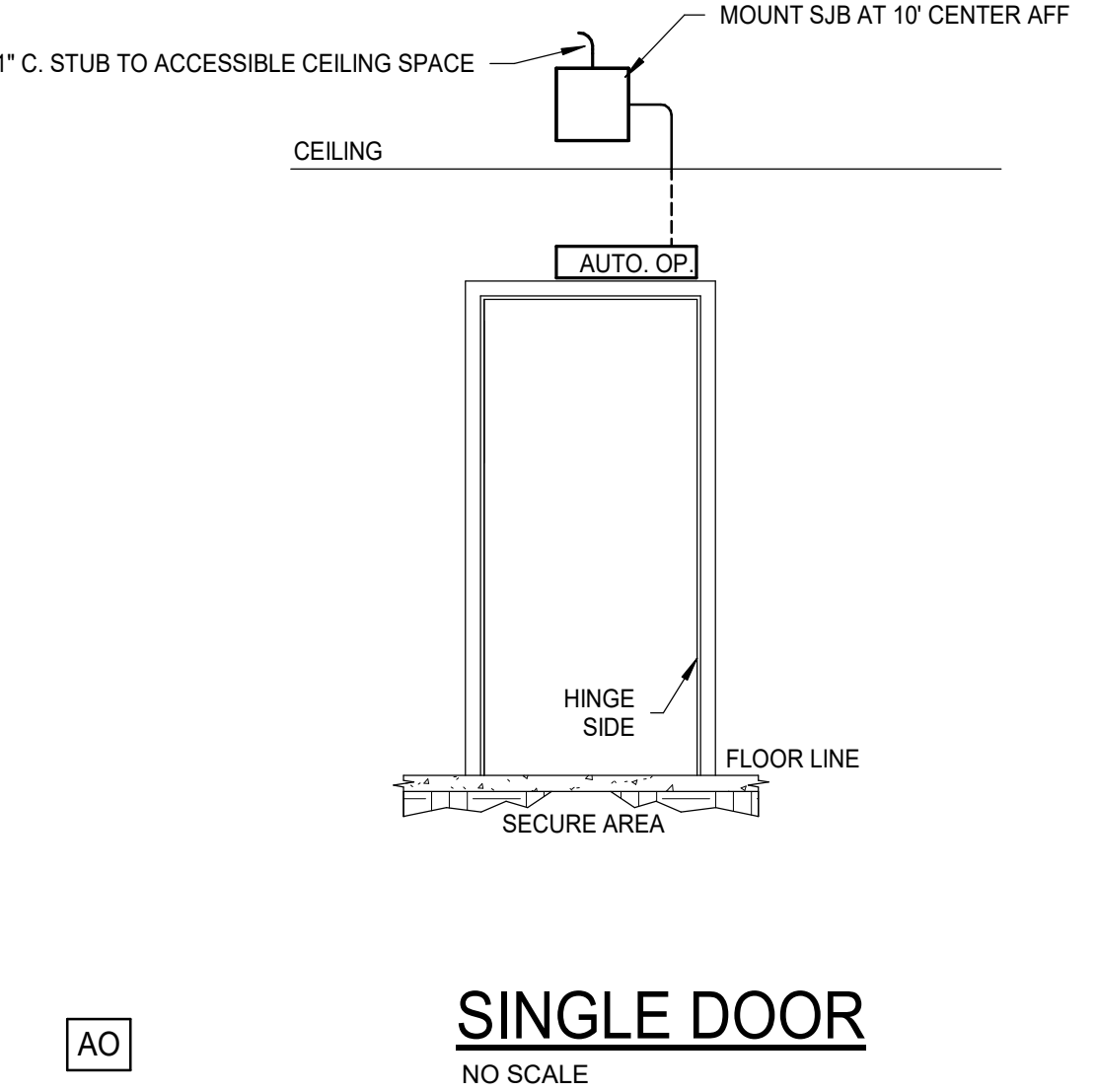
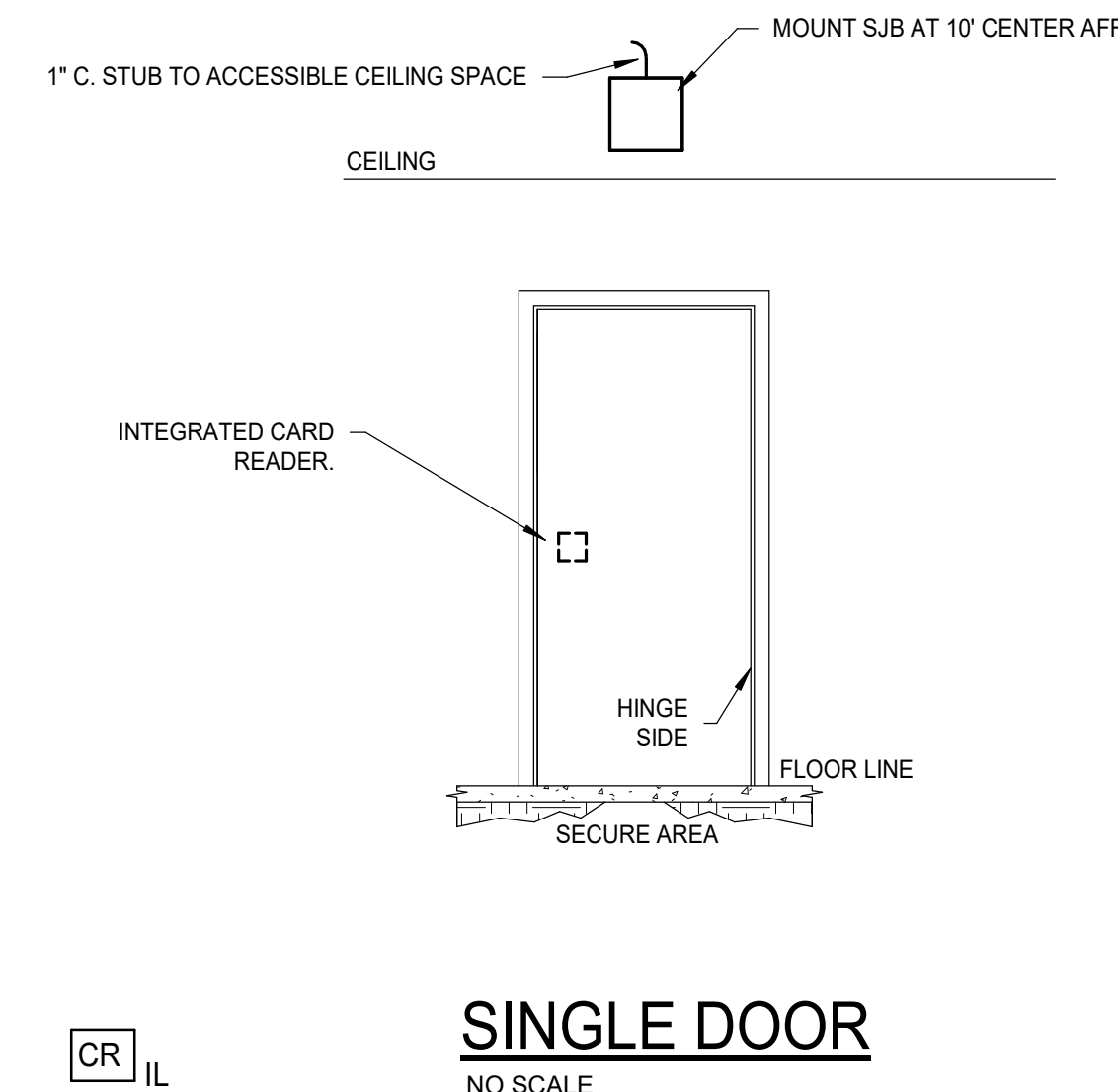
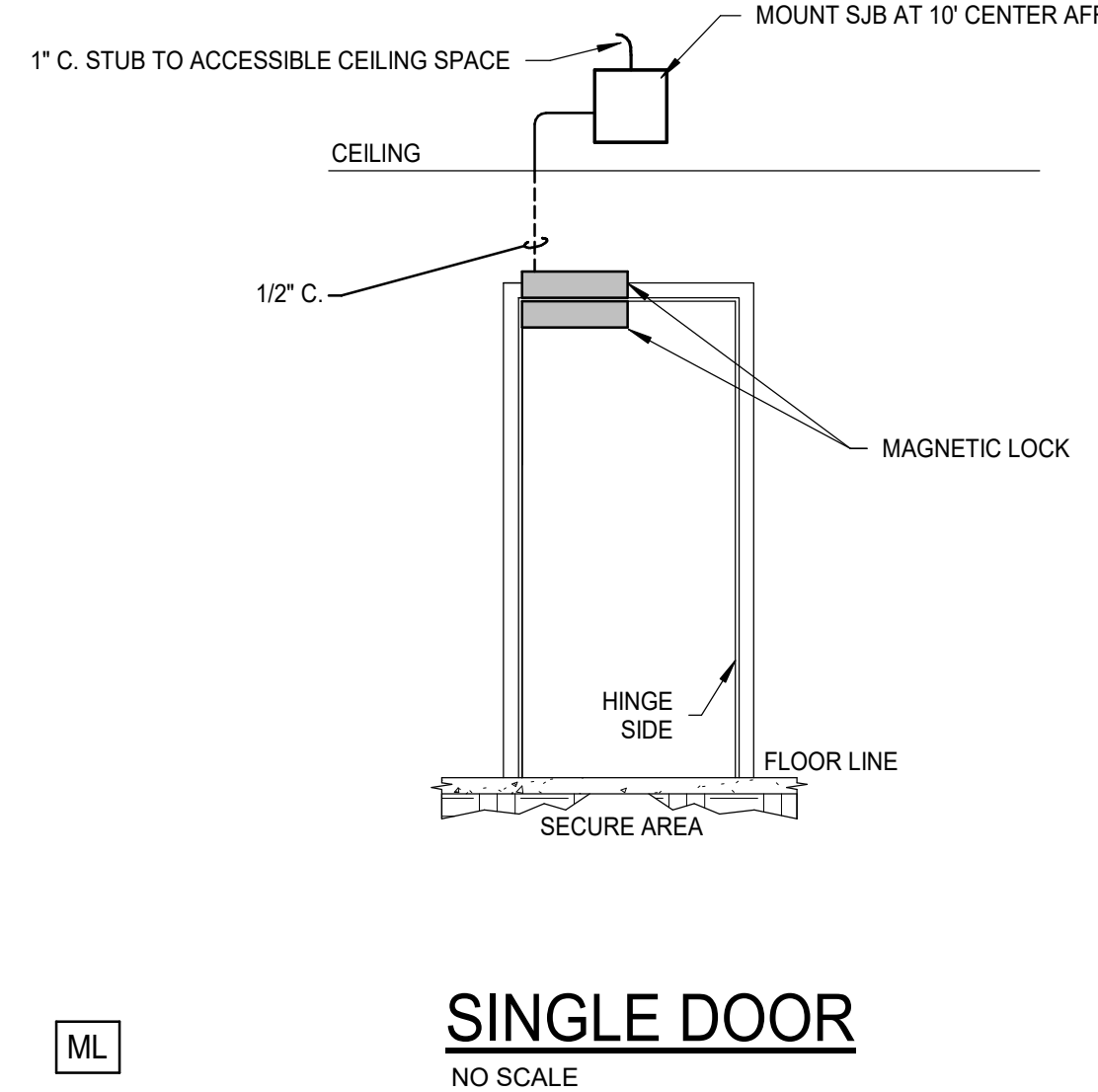
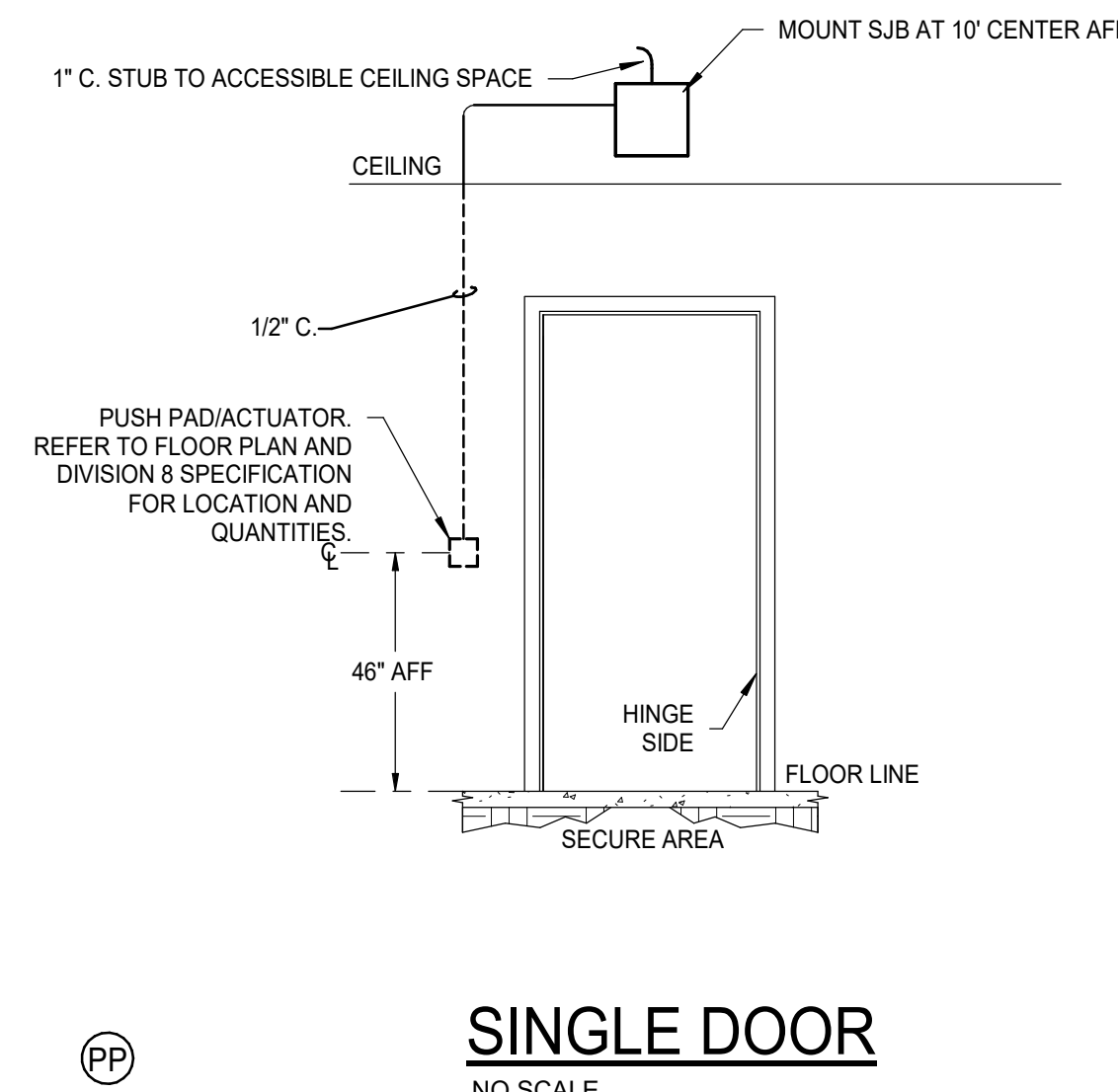
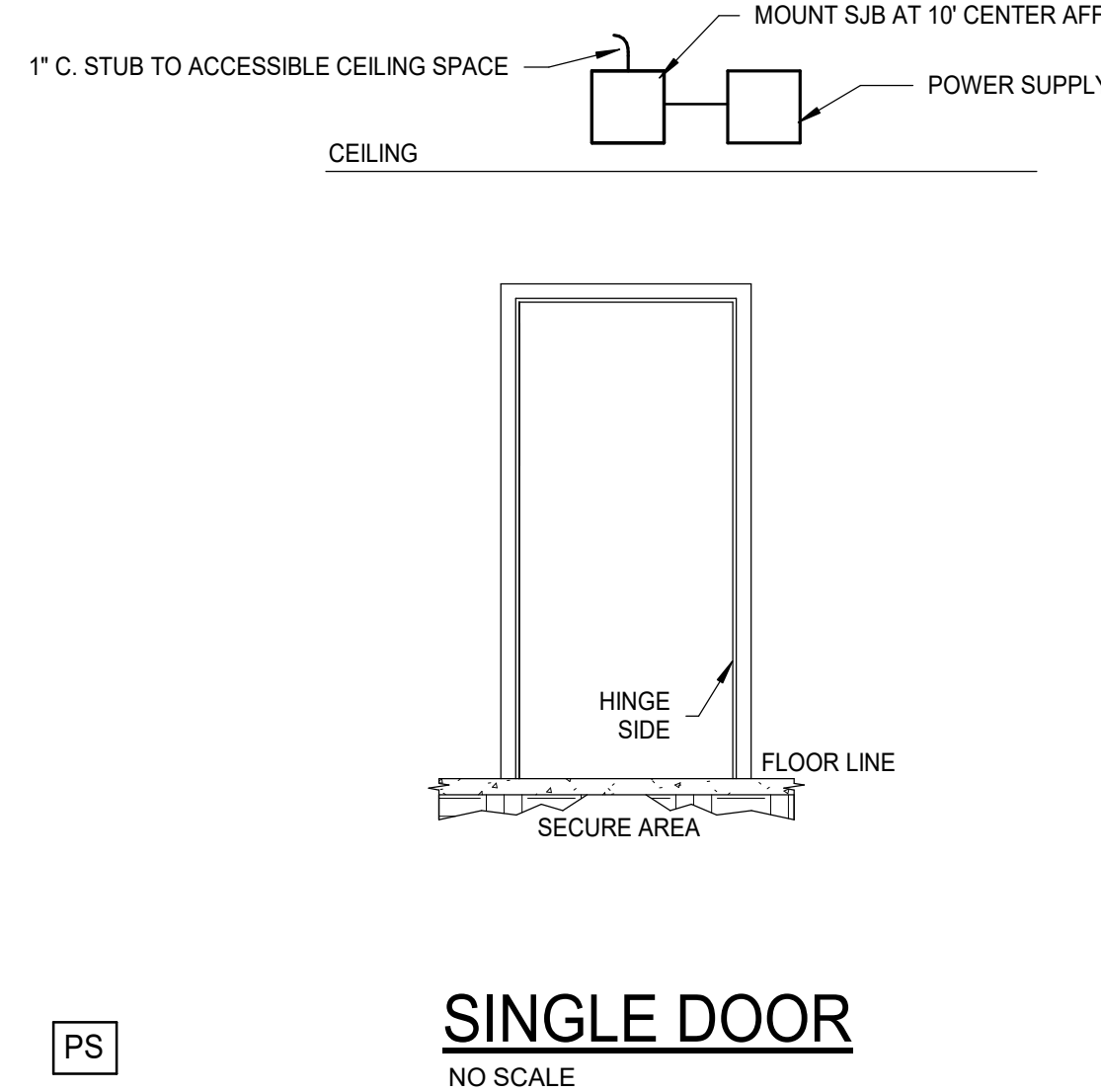
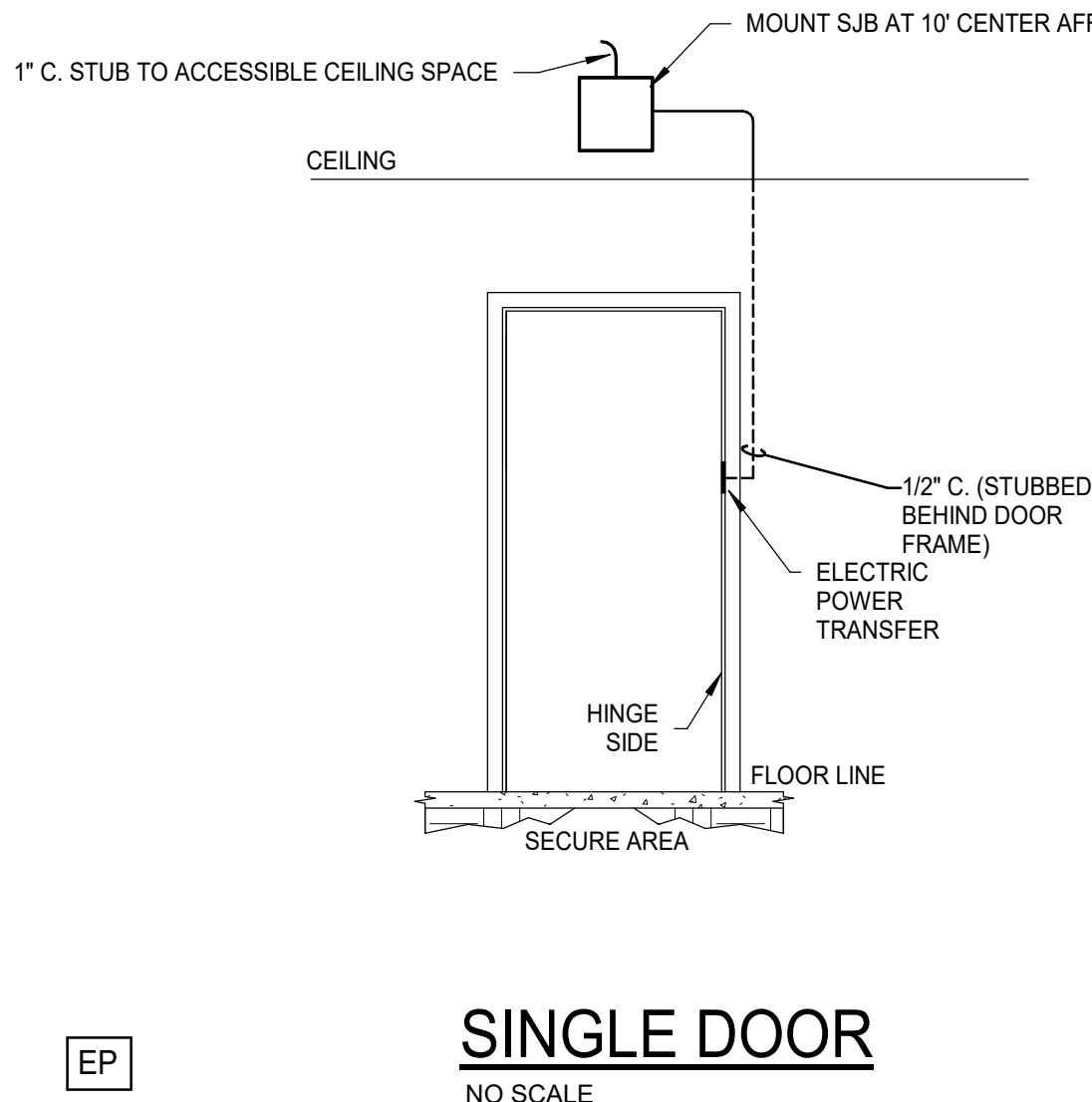
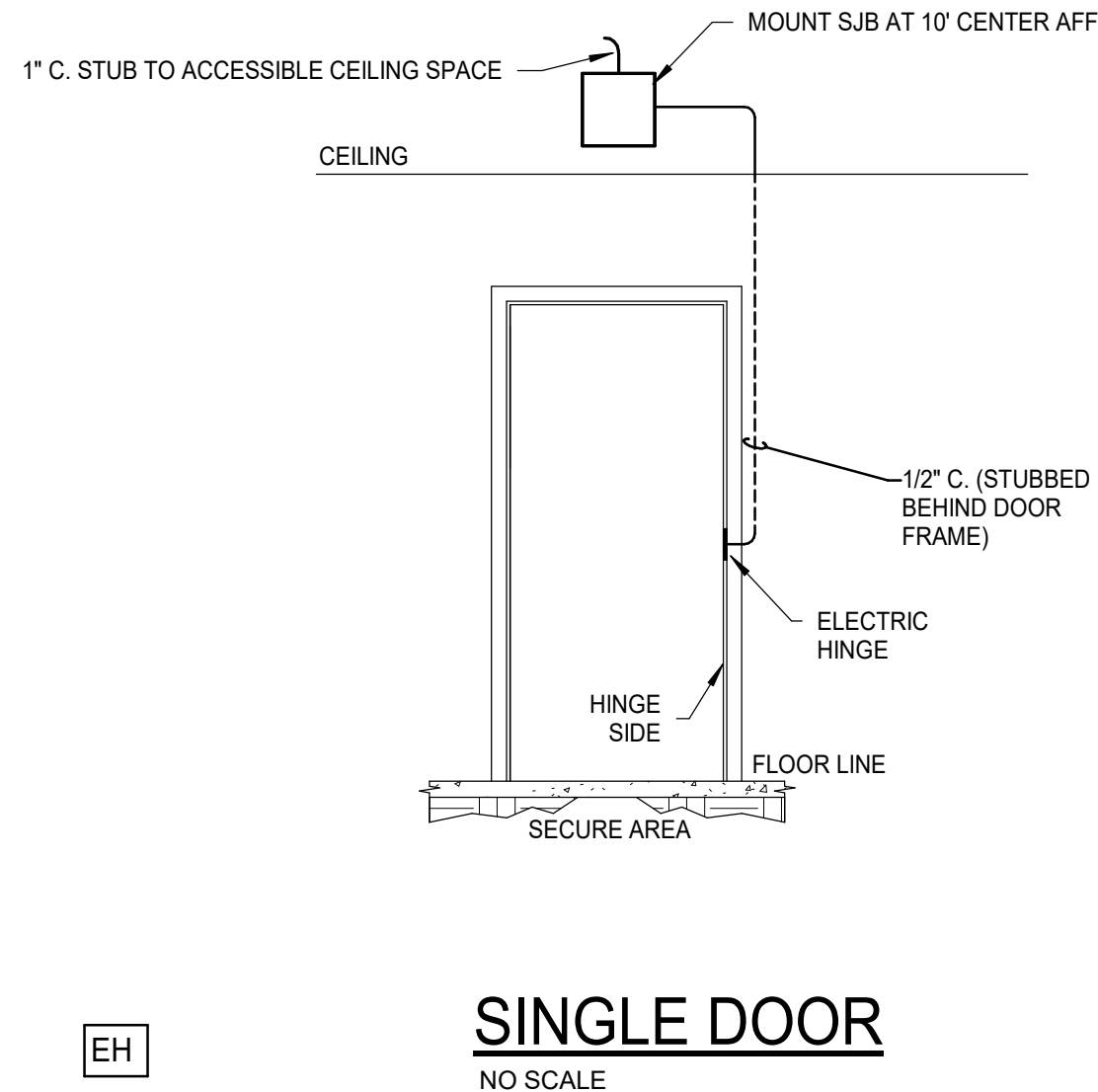
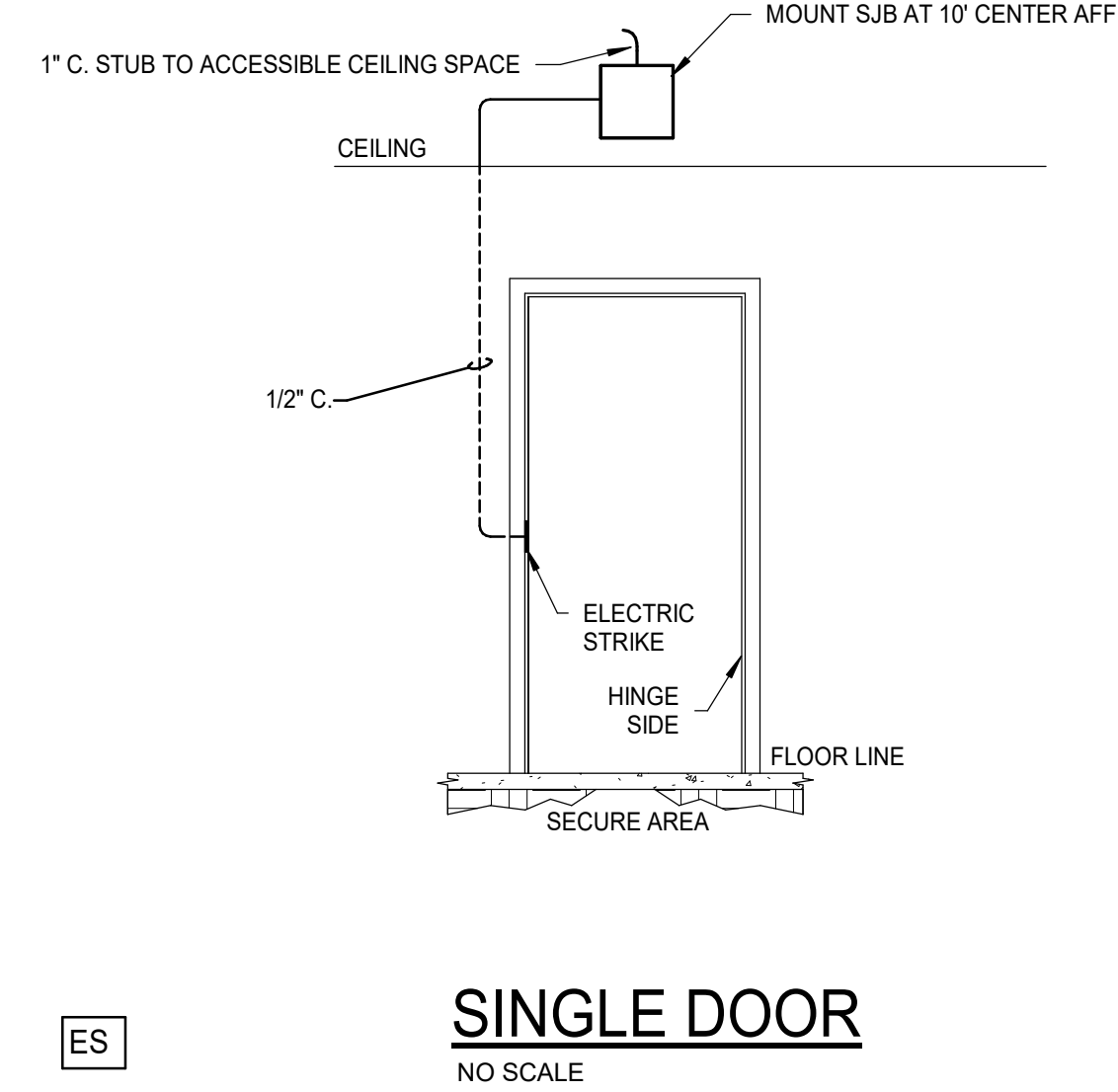
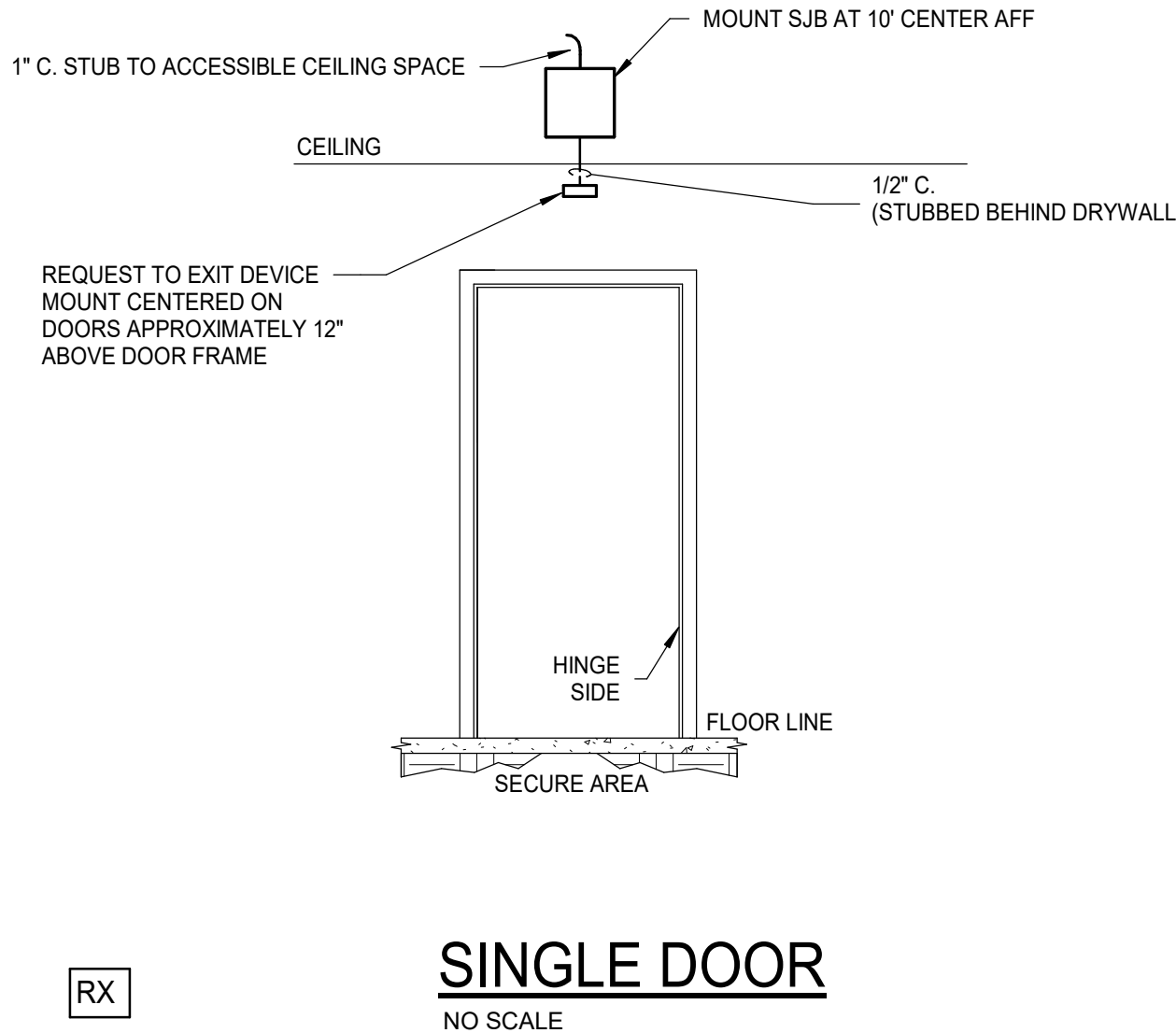
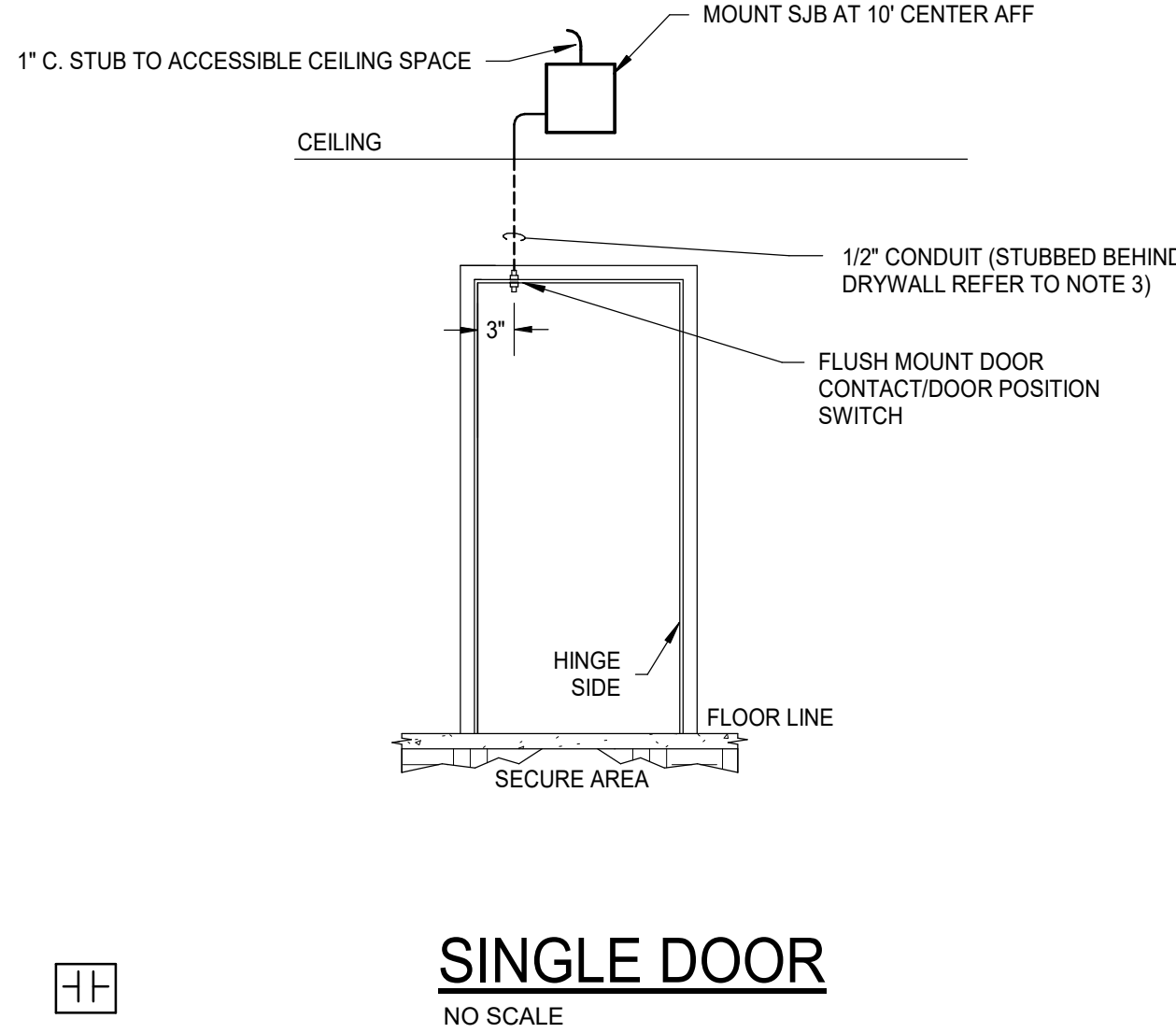
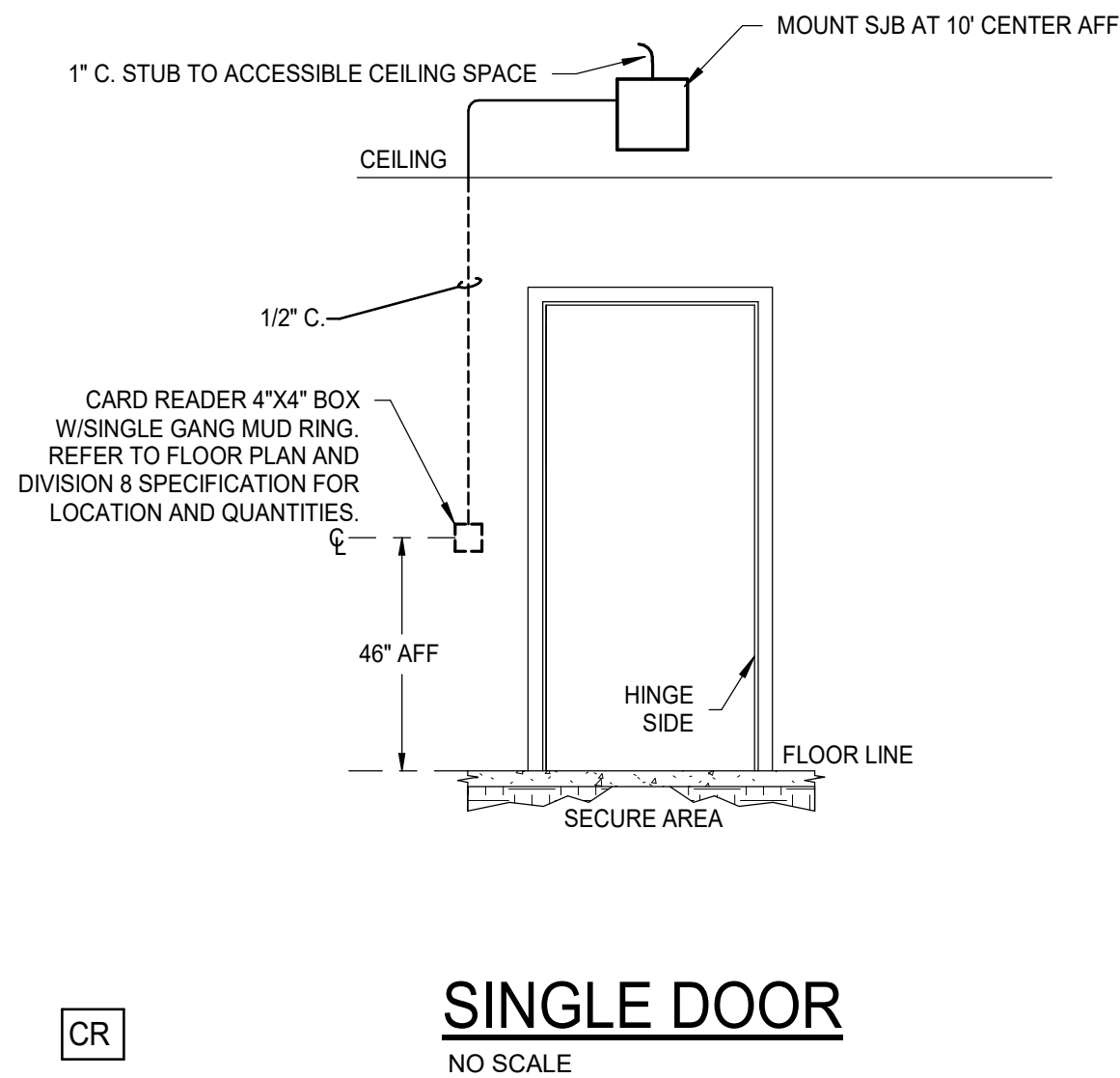
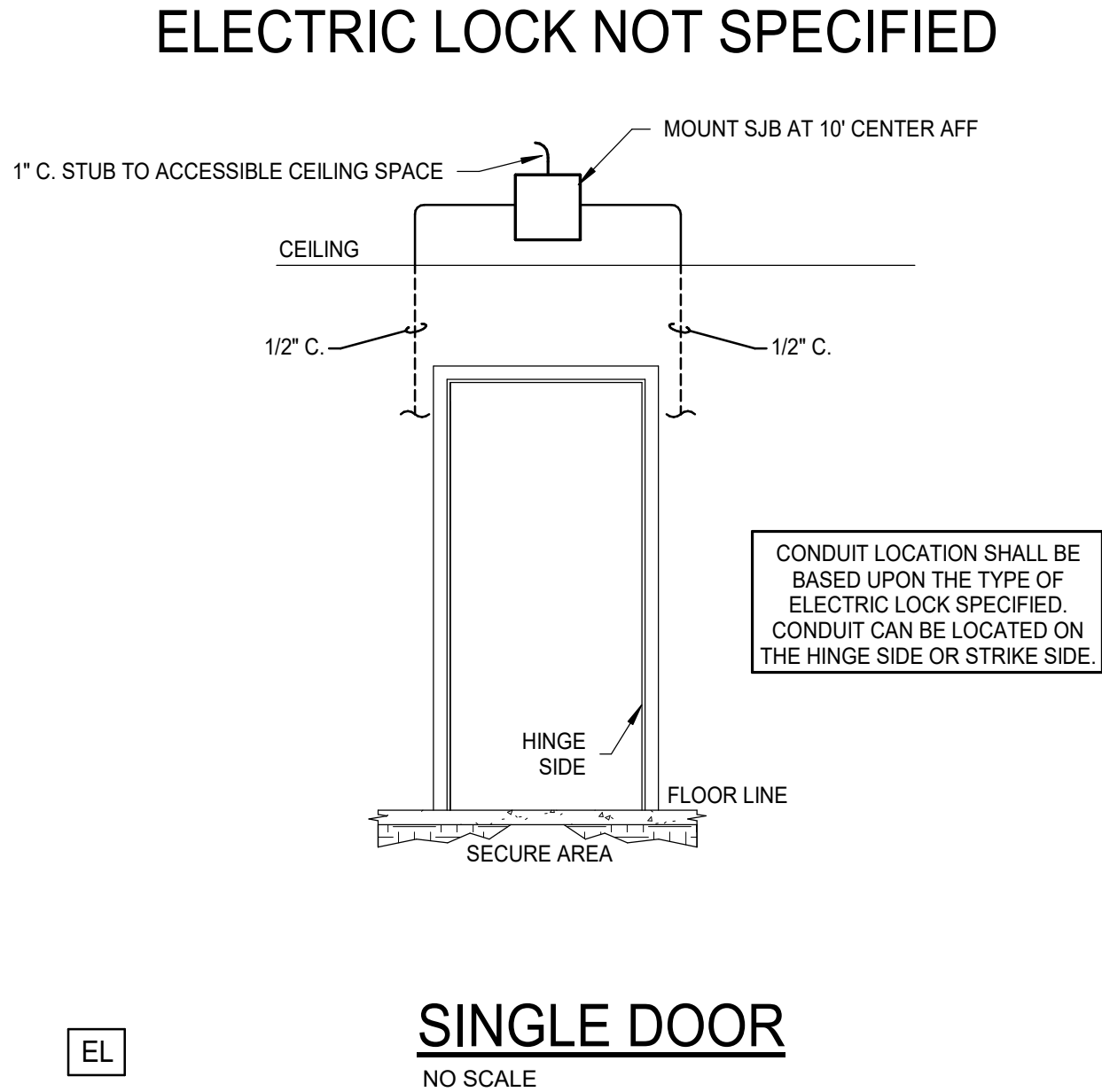
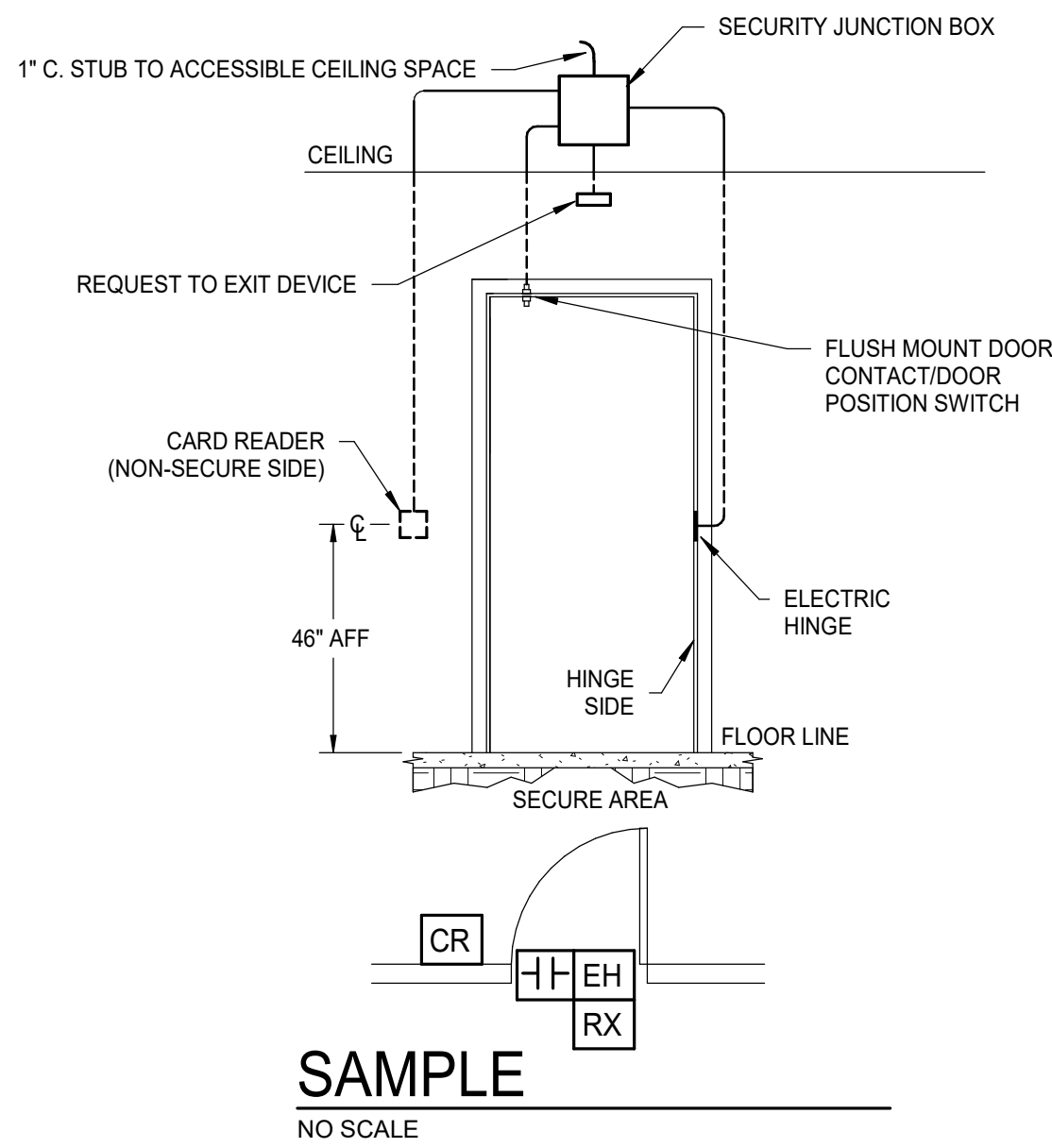
T-401

100% CONTRACT DOCUMENTS

© Hord Coplan Macht, Inc.

DOOR DETAIL NOTES

- 1. COORDINATE SECURITY ROUGH-IN REQUIREMENTS WITH SECURITY VENDOR.
- 2. SECURITY JUNCTION BOX (SJB) SHALL BE 6X6X6 WITH SCREW COVER.
- 3. ENCLOSURE AND CONDUIT TO BE PROVIDED BY ELECTRICAL CONTRACTOR (EC).
- 4. DOOR HEADER CONDUIT TO BE STUBBED TO JUST ENTER HEADER FRAME 3" TO 4" FROM OPENING SIDE OF DOOR.
- 5. IF CONDUIT IS REQUIRED, INSTALL BY APPLICABLE CODE AND AUTHORITY HAVING JURISDICTION (AHJ).
- 6. ALL DOOR HARDWARE SHOULD BE COORDINATED WITH ARCHITECT OWNER, AND DOOR CONTRACTOR. CONSULT DIVISION 08 SPECIFICATIONS. FOR HARDWARE COORDINATION.
- 7. COORDINATE ROUGH-IN REQUIREMENTS WITH SECURITY VENDOR.



ARCHITECT
Hord Coplan Macht, Inc.
700 E. Pratt St. Suite 1200
p. 410. 837. 7311 Baltimore, MD 21202 f. 410. 837. 6530

STRUCTURAL ENGINEER
Consultant Name
Street Address
City, State 00000
p. 000.000.0000 f. 000.000.0000

M/E/P ENGINEER
Consultant Name
Street Address
City, State 00000
p. 000.000.0000 f. 000.000.0000

CIVIL ENGINEERS
Consultant Name
Street Address
City, State 00000
p. 000.000.0000 f. 000.000.0000

FITZSIMONS
GROUND FLOOR
RENO - RD&S

hord | coplan | macht

ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN

PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A QUALIFIED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NUMBER:
EXPIRATION DATE:

Project Name
FITZSIMONS GROUND FLOOR
RENO - RD&S
Project Number
223084.00
Date
09/18/2023
Scale
1/8" = 1'-0"
Drawing
SINGLE DOOR SECURITY
DETAILS

T-402

100% CONTRACT DOCUMENTS

© Hord Coplan Macht, Inc.