US Army Corps
of Engineers
Louisville District

Solicitation For

MRAR Newtown Square US Army Reserve Center (USARC) Building 92001
Newtown Square, PA

P2: 515204

Design-Build

Specifications - Vol 2 of 3 (Drawings)

Phase 1
16 May 2025

Certified Final Design
15 August 2025
W912QR25RA019

RRS-A: 200A Disposition: Maintain for 15 yrs after construction.

US Army Corps of Engineers ®

R&M NEWTOWN SQUARE (EDGEMONT), PA
US ARMY RESERVE CENTER (USARC)

SOLICITATION NO.:
CONTRACT NO.:
ISSUE DATE: 11 JULY 2025
VOLUME:

CERTIFIED FINAL

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IN107	PARTIAL SECOND FLOOR FINISH PLAN - AREA B
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MARK	DESCRIPTION	DATE

ISSUE DATE: 11 JULY 2025
SOLICITATION NO.:
CONTRACT NO.:

DESIGNED BY: J. PERRY
DRAWN BY: S. LONGORIA
CHECKED BY: K. CARLSON
SUBMITTED BY:
SIZE: ANSI D

US ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT

Jacobs
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777 Main St. Fort Worth, TX

R&M NEWTOWN SQUARE (EDGEMONT), PA
US ARMY RESERVE CENTER (USARC)

COVER SHEET

SHEET ID
G-001

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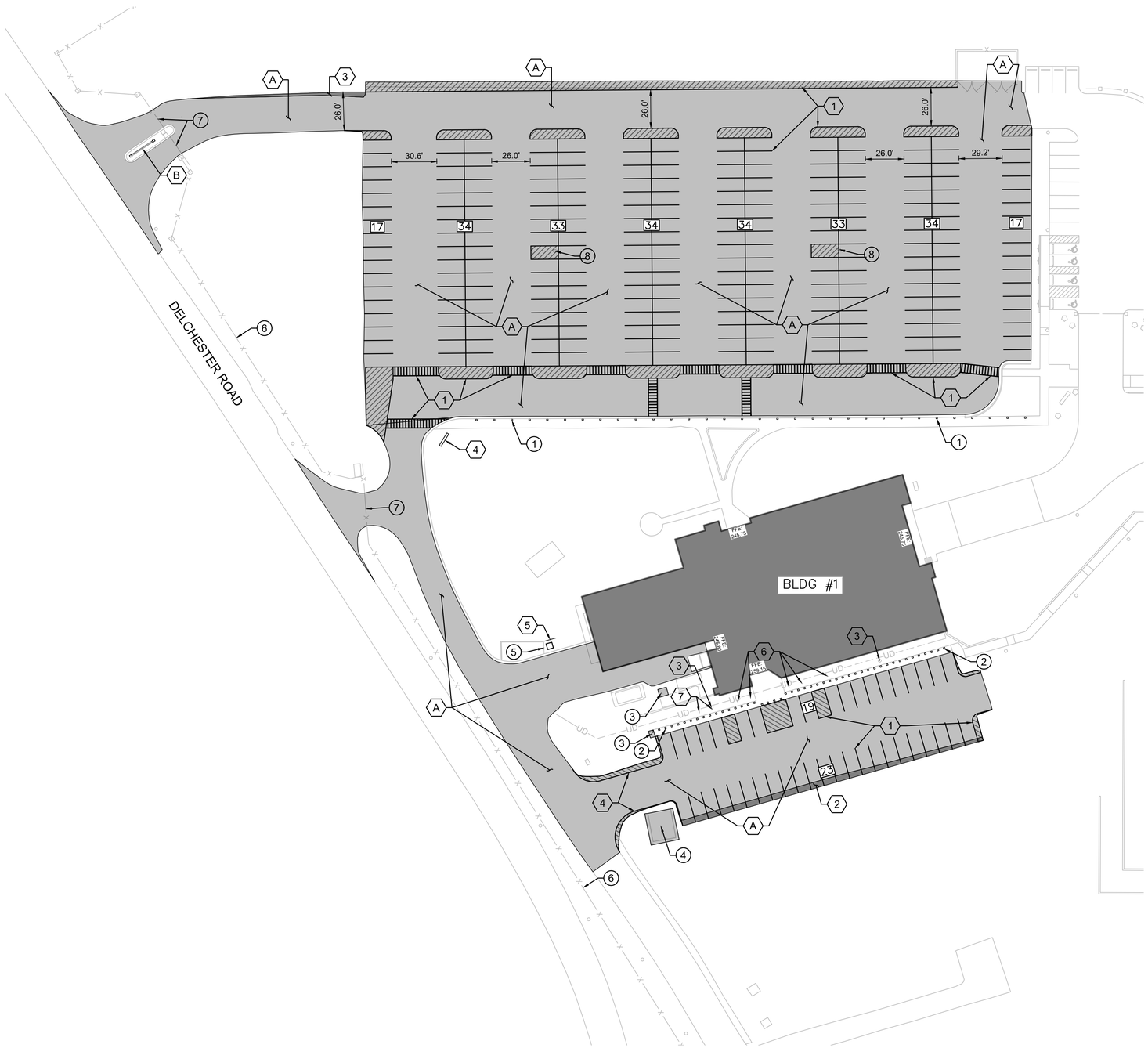

A1 SITE LAYOUT PLAN
1" = 40'

GENERAL SHEET NOTES

1. REFER TO THIS SHEET FOR SITE LAYOUT BASE BID AND BID OPTIONS.
2. REFER TO SHEET CU101 FOR UTILITY BASE BID AND BID OPTIONS.
3. BID OPTIONS LABELS INCLUDE TEXT BOX.
4. NO REVISIONS PROPOSED FOR THE EXISTING DRIVEWAYS.
5. NO REVISION PROPOSED FOR THE EXISTING GATE CONTROLLER.
6. RESTRIPE PARKING AREA TO MEET SDDCTEA PAMPHLET 55–17.
7. CONSTRUCT UNDERGROUND UTILITIES PRIOR TO MILL AND OVERLAY BID OPTION.
8. SIDEWALK WIDTH ALONG PERPENDICULAR PARKING MUST BE MINIMUM 7.0–FT WIDTH MEASURED FROM BACK OF CURB. REPAIR OR REPLACE SIDEWALK TO MEET THIS USAR REQUIREMENT.
9. IF MILL AND OVERLAY BID OPTION IS INCLUDED, SALVAGE AND REUSE THE EXISTING WHEEL STOPS.

#SHEET KEYNOTES

1. PAVEMENT MARKINGS (106,828–SF + 27,277–SF = 134,105–SF)
2. FULL–DEPTH GENERAL USE HMA PAVEMENT (749–SF)
3. FULL–DEPTH HEAVY–DUTY HMA PAVEMENT (192–SF)
4. PROVIDE AND INSTALL BUILDING IDENTIFICATION SIGN (REFER TO A1/CS501)
5. EXTEND SCREENING FENCE (10–LF)
6. ABA/ADA SIGNAGE AND STRIPING (5 SIGN AND POST)
7. EV PARKING SIGNAGE (2 SIGN AND POST)

SITE CIVIL BID OPTIONS:

A. MILL AND OVERLAY HMA PARKING AREAS (106,828–SF + 27,277–SF = 134,105–SF)
B. PROVIDE AND INSTALL MONUMENT SIGN (REFER TO G1/CS501)

#EXISTING/DEMOLITION KEYNOTES

1. DEMOLISH LIGHTED, CONCRETE BOLLARD (32 EACH); REPAIR CONCRETE
2. DEMOLISH LIGHTED, CONCRETE BOLLARD (47 EACH); REPAIR CONCRETE.
3. DEMOLISH CONCRETE
4. DEMOLISH PROPANE TANKS AND CONCRETE ENCLOSURE
5. DEMOLISH SCREENING FENCE (10–LF)
6. EXISTING INSTALLATION PERIMETER FENCE TO REMAIN
7. EXISTING GATE TO REMAIN
8. EXISTING LIGHT POLE TO REMAIN

BUILDING 1 PARKING ANALYSIS:

LARGEST BATTLE ASSEMBLY (B.A.)	– 155
REQUIRED PARKING (80% OF B.A.)	– 124
REQUIRED ADA	– 5
TOTAL REQUIRED POV	– 129
EXISTING ADA – SOUTH	– 7
EXISTING POV – SOUTH	– 34
EXISTING POV – NORTH (INCLUDES BLDG 2)	– 238
TOTAL EXISTING PARKING (INCLUDES BLDG 2)	– 279*
PROVIDED ADA – SOUTH	– 5
PROVIDED POV – SOUTH	– 36
PROVIDED POV – NORTH (INCLUDES BLDG 2)	– 236
TOTAL PROVIDED PARKING (INCLUDES BLDG 2)	– 277

*NOTE: EXISTING PARKING SPACES ARE NOT COMPLIANT WITH SDDCTEA PAMPHLET 55–17.

GRAPHIC SCALE(S)

0 40' 80'

PLAN NORTH

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

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SOLICITATION NO.:
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DESIGNED BY: P. LINGLE
DRAWN BY: P. LINGLE
CHECKED BY: D. TERRY
SUBMITTED BY: S. BROTHERS
SIZE: ANSI D

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KY 40202

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R&M NEWTOWN SQUARE (EDGEMONT), PA
US ARMY RESERVE CENTER (USARC)
BUILDING 92001

SITE LAYOUT PLAN

SHEET ID
CS101

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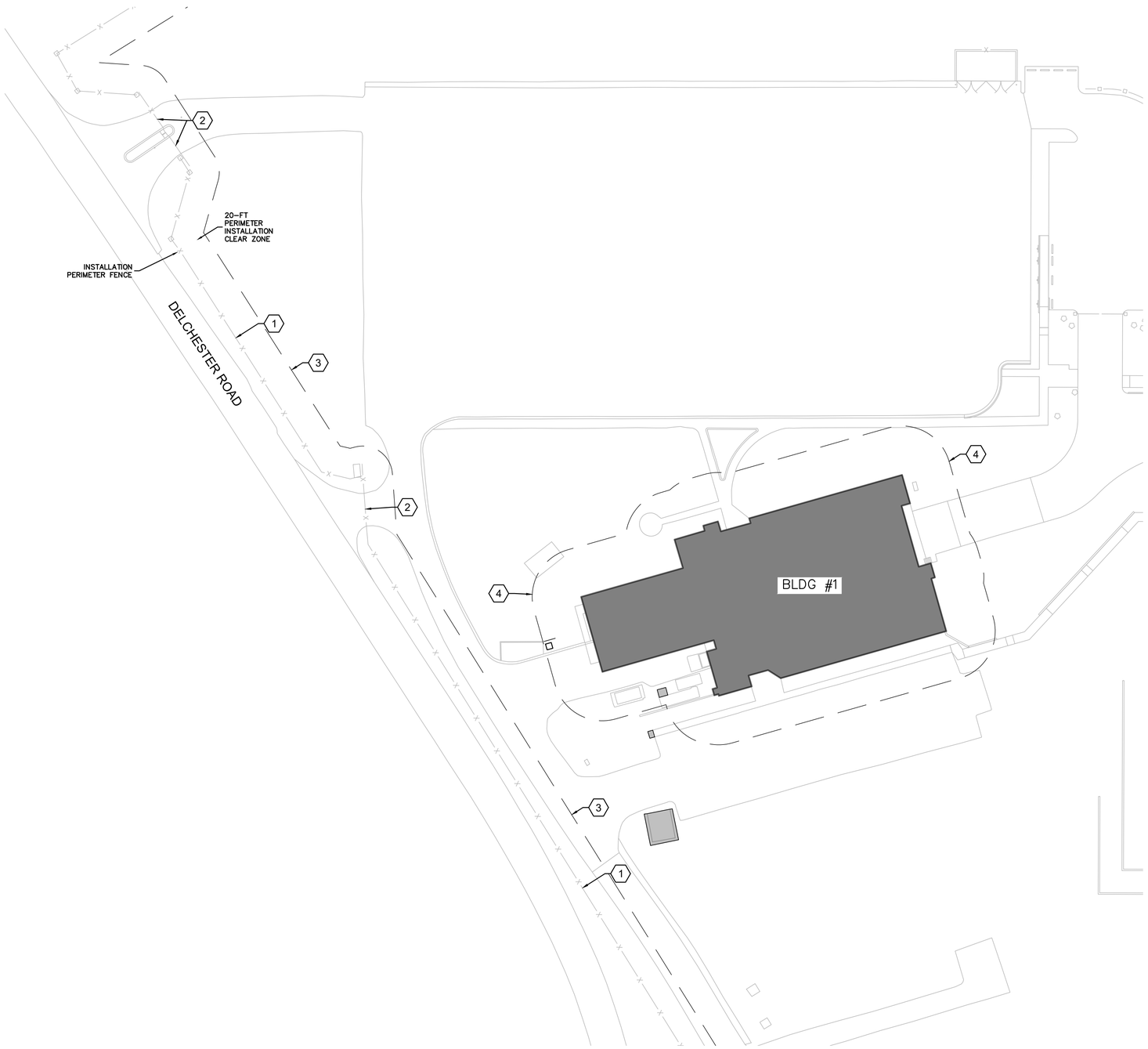

A1 SITE SETBACKS PLAN
1" = 40'

GENERAL SHEET NOTES

1. REFER TO SHEET CS101 FOR SITE LAYOUT BASE BID AND BID OPTIONS.
2. REFER TO SHEET CU101 FOR UTILITY BASE BID AND BID OPTIONS.

#SHEET KEYNOTES

1. EXISTING INSTALLATION PERIMETER FENCE
2. EXISTING GATE
3. 20-FOOT PERIMETER INSTALLATION CLEAR ZONE
4. 33-FOOT BUILDING UNOBSTRUCTED SPACE

GRAPHIC SCALE(S)

0 40' 80'

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BUILDING 92001

SITE SETBACKS PLAN

SHEET ID
CS102

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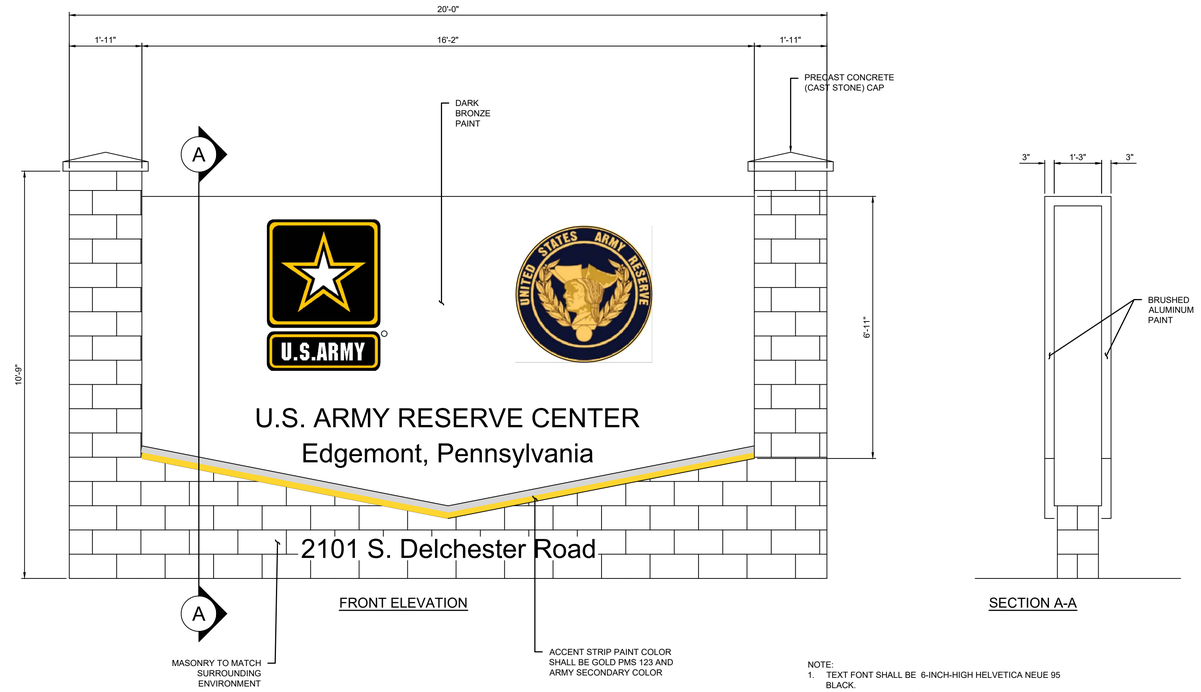
G1 EXISTING MONUMENT SIGN
NOT TO SCALE



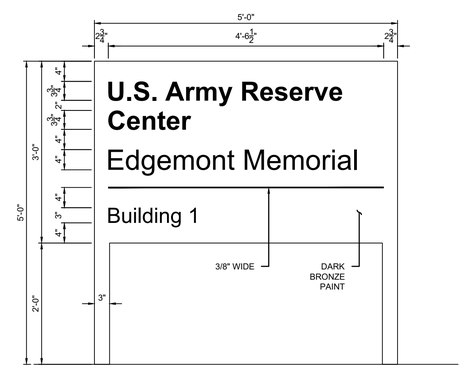
FRONT ELEVATION

SECTION A-A

NOTE:
1. TEXT FONT SHALL BE 6-INCH-HIGH HELVETICA NEUE 95 BLACK.
2. TEXT SHALL BE BRUSHED ALUMINUM PAINT.
3. SIGN LIGHTING REQUIRED ON BOTH SIDES.

G9 PROPOSED MONUMENT SIGN
NOT TO SCALE

A1 EXISTING BUILDING IDENTIFICATION SIGN
NOT TO SCALE



NOTE:
1. TEXT FONTS:
   1.1. U.S. ARMY RESERVE CENTER - HELVETICA NEUE 75 BOLD.
   1.2. HEADQUARTERS - HELVETICA NEUE 65 MEDIUM.
   1.3. BUILDING 315 - HELVETICA NEUE 65 MEDIUM.
2. SIGN BACKGROUND TO BE DARK BRONZE PAINTED FINISH.
3. SIGN LETTERING TO BE WHITE REFLECTIVE ENGINEERING-GRADE VINYL.
4. NO PROPOSED SIGN LIGHTING.
5. SIGN POST DEPTH AND RELEVANT FOUNDATION TO BE SIZED WITH RESPECT TO WIND LOADS AND OTHER REQUIREMENTS.

FRONT ELEVATION

A9 PROPOSED BUILDING IDENTIFICATION SIGN
NOT TO SCALE

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R&M NEW CUMBERLAND, PA
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BUILDING 315

MONUMENT & BUILDING IDENTIFICATION SIGN DETAILS

SHEET ID
CS501

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A1 SITE UTILITY PLAN
1" = 40'

GENERAL SHEET NOTES

1. REFER TO SHEET CS101 FOR SITE LAYOUT BASE BID AND BID OPTIONS.
2. REFER TO THIS SHEET FOR UTILITY BASE BID AND BID OPTIONS.
3. BID OPTIONS LABELS INCLUDE TEXT BOX.
4. CONSTRUCT UNDERGROUND UTILITIES PRIOR TO MILL AND OVERLAY BID OPTION.

#SHEET KEYNOTES

SITE CIVIL BASE BID:

1. RE–ROUTE ELECTRICAL SERVICE (400–LF)
2. PROVIDE AND INSTALL ELECTRICAL TRANSFORMER
3. ONE (1) POST INDICATOR VALVE (EVALUATE AND REUSE EXISTING)
4. 6–INCH DIP FIRE WATER SERVICE (18–LF)
5. 4–INCH SCH–40 PVC CONDUIT FOR FUTURE EV CHARGER (35–LF)
6. REPLACE TELECOMMUNICATIONS CABLING IN EXISTING DUCTBANK. REFER TO TELECOMMUNICATIONS SITE NARRATIVE FOR CONTENTS
7. 6–INCH HDPE UNDERDRAIN FROM DOWNSPOUTS TO EXISTING STORM SEWER SYSTEM (108–LF + 160–LF = 268–LF)
8. 8–INCH DIP FIRE WATER SERVICE (65–LF)

SITE CIVIL BID OPTIONS:

A. DEMOLISH AND REPLACE MONUMENT SIGN LIGHTING (86–LF)

EXISTING/DEMOLITION KEYNOTES

1. DEMOLISH EXISTING TRANSFORMER
2. DEMOLISH EXISTING GREASE INTERCEPTOR
3. DEMOLISH EXISTING FIRE WATER SERVICE
4. EXISTING LIGHT POLE TO REMAIN
5. EXISTING FIRE HYDRANT TO REMAIN
6. EXISTING PAD–MOUNTED SWITCH TO REMAIN

GRAPHIC SCALE(S)

0 40' 80'

PLAN NORTH

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BUILDING 92001

SITE UTILITY PLAN

SHEET ID
CU101

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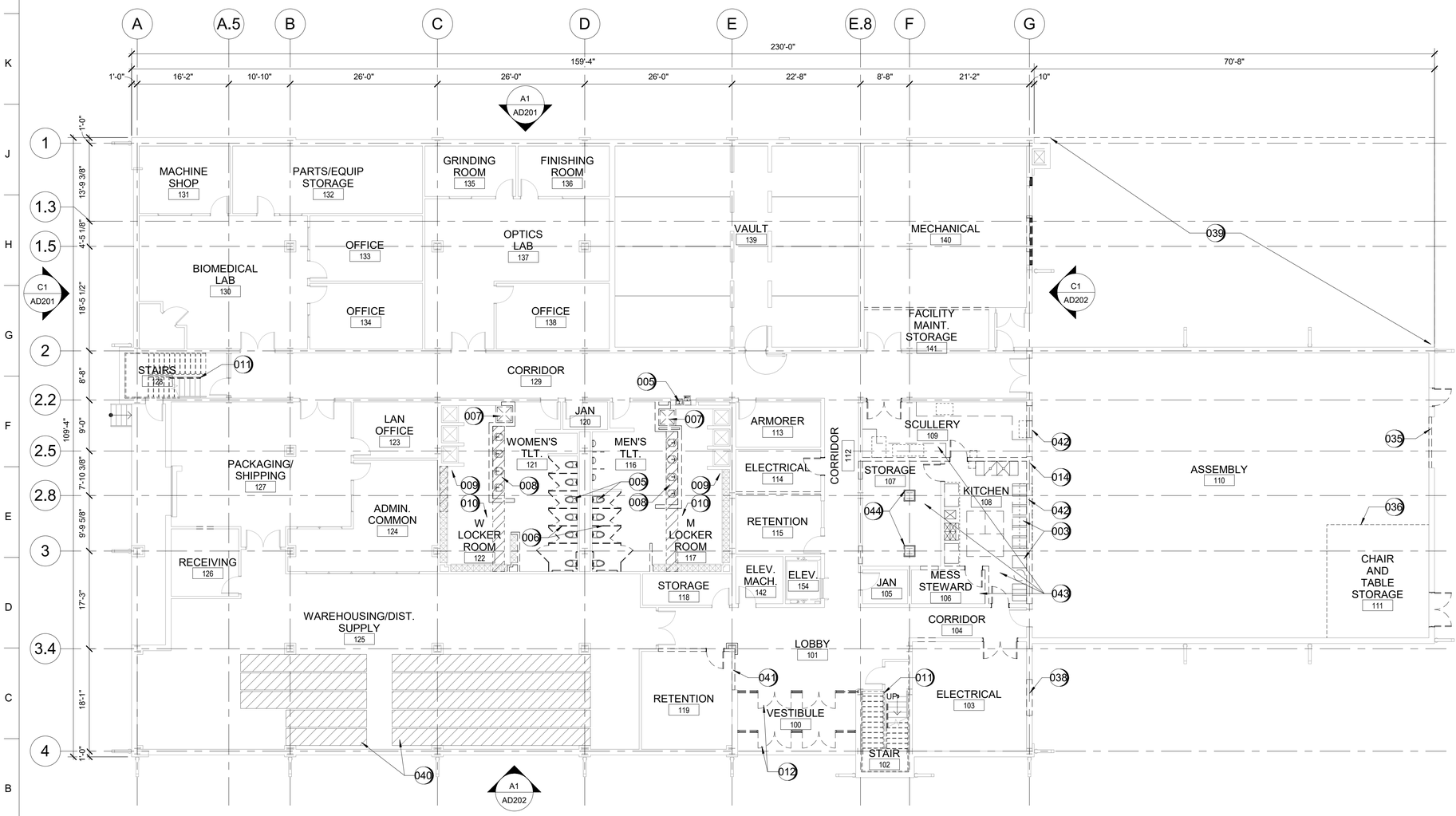

A1 DEMOLITION OVERALL PLAN - FLOOR 01
SCALE 3/32" = 1'-0"

GENERAL SHEET NOTES

A REFER TO SHEETS AE101 - AE106 FOR PROPOSED FLOOR PLANS

B BACK-FILL AND PATCH CONCRETE FLOOR AFTER REMOVING EXISITNG PLUMBING FIXTURES. BACK-FILL TO ALIGN WITH EXISITNG FACE OF SLAB

C ALL EXISTING CEILINGS TO BE REMOVED

D REMOVE ALL FURNITURE UNLESS NOTED OTHERWISE.

E REMOVE ALL FLOOR FINISHES AND WALL BASE UNLESS NOTED OTHERWISE.

F REPAIR FLOOR AS REQUIRED TO RECEIVE NEW FINISHES WHERE WALLS ARE TO BE DEMOLISHED

DEMOLITION KEYNOTES

003 REMOVE ALL KITCHEN EQUIPMENT AND COUNTERS; TYP.
005 REMOVE PLUMBING FIXTURES
006 REMOVE TOILET, TOILET PARTITIONS AND ASSOCIATED RESTROOM ACCESSORIES, TYPICAL
007 REMOVE SHOWER AND ASSOCIATED SHOWER ACCESSORIES AND PLUMBING FIXTURES, TYPICAL
008 REMOVE COUNTER, SINKS, AND ASSOCIATED ACCESSORIES, TYPICAL
009 REMOVE FLOOR AND WALL TILE IN THIS SPACE AND PREPARE FLOOR AND WALLS TO REPLACE FINISHES
010 REMOVE CEILING FINISHES, LIGHTING, AND CEILING MOUNTED EQUIPMENT IN THIS SPACE
011 REMOVE HANDRAILS AND GUARD RAILS
012 REMOVE STOREFRONT ENTRY SYSTEM
014 PORTION OF WALL TO BE DEMOLISHED
035 REMOVE GLASS BRICK INFILL
036 REMOVE MODULAR WALLS AND SUPPORTING STRUCTURE
038 PORTION OF WALL TO BE DEMOLISHED TO RECEIVE DOUBLE DOOR
039 EXTENTS OF MECHANICAL YARD TO REMAIN
040 MOVEABLE STORAGE UNITS TO BE REMOVED
041 REMOVE GLASS BLOCK WALL
042 REMOVE OVERHEAD COUNTER SHUTTER
043 REMOVE QUARRY TILE FLOORING AND PREP SLAB FOR NEW FLOOR FINISH
044 REMOVE STAINLESS STEEL COLUMN WRAP

DEMOLITION PLAN LEGEND

EXISTING PARTITION TO REMAIN

EXISTING PARTITION TO BE REMOVED

REMOVE EXISTING DOOR AND DOOR FRAME SYSTEM, UNO

GRAPHIC SCALE(S)

PLAN NORTH
TRUE N

0 4' 8' 16' 32'
SCALE: 3/32" = 1'-0"

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MARK	DESCRIPTION	DATE

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DESIGNED BY: J. PERRY
DRAWN BY: S. LONGORIA
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SUBMITTED BY:
SIZE: ANSI D

US ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT

Jacobs
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R&M NEWTOWN SQUARE (EDGEMONT), PA
US ARMY RESERVE CENTER (USARC)

OVERALL DEMOLITION PLAN - FLOOR 01

SHEET ID
AD101

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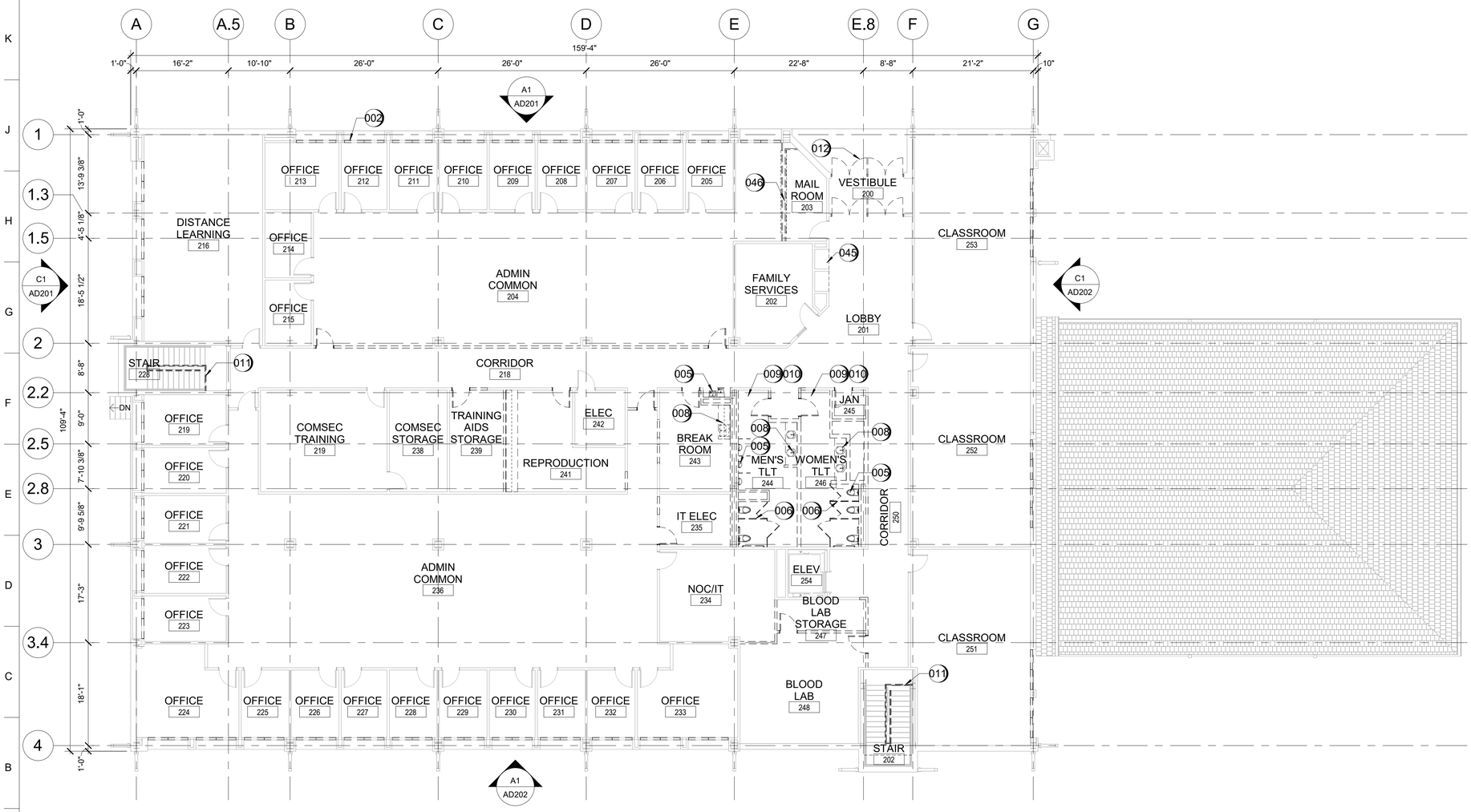

A1 DEMOLITION OVERALL PLAN - FLOOR 02

SCALE 3/32" = 1'-0"

GENERAL SHEET NOTES

- A REFER TO SHEETS AE101 - AE106 FOR PROPOSED FLOOR PLANS
- B BACK-FILL AND PATCH CONCRETE FLOOR AFTER REMOVING EXISITNG PLUMBING FIXTURES. BACK-FILL TO ALIGN WITH EXISITNG FACE OF SLAB
- C ALL EXISTING CEILINGS TO BE REMOVED
- D REMOVE ALL FURNITURE UNLESS NOTED OTHERWISE.
- E REMOVE ALL FLOOR FINISHES AND WALL BASE UNLESS NOTED OTHERWISE.
- F REPAIR FLOOR AS REQUIRED TO RECEIVE NEW FINISHES WHERE WALLS ARE TO BE DEMOLISHED

DEMOLITION KEYNOTES

002 REMOVE ALL EXTERIOR WINDOWS.
005 REMOVE PLUMBING FIXTURES
006 REMOVE TOILET, TOILET PARTITIONS AND ASSOCIATED RESTROOM ACCESSORIES, TYPICAL
008 REMOVE COUNTER, SINKS, AND ASSOCIATED ACCESSORIES, TYPICAL
009 REMOVE FLOOR AND WALL TILE IN THIS SPACE AND PREPARE FLOOR AND WALLS TO REPLACE FINISHES
010 REMOVE CEILING FINISHES, LIGHTING, AND CEILING MOUNTED EQUIPMENT IN THIS SPACE
011 REMOVE HANDRAILS AND GUARD RAILS
012 REMOVE STOREFRONT ENTRY SYSTEM
045 DISPLAY CASES TO REMAIN
046 REMOVE MAILBOX UNITS

DEMOLITION PLAN LEGEND

EXISTING PARTITION TO REMAIN

EXISTING PARTITION TO BE REMOVED

REMOVE EXISTING DOOR AND DOOR FRAME SYSTEM, UNO

GRAPHIC SCALE(S)

0 4' 8' 16' 32'

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

PLAN NORTH

TRUE N

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OVERALL DEMOLITION PLAN - FLOOR 02

SHEET ID
AD102

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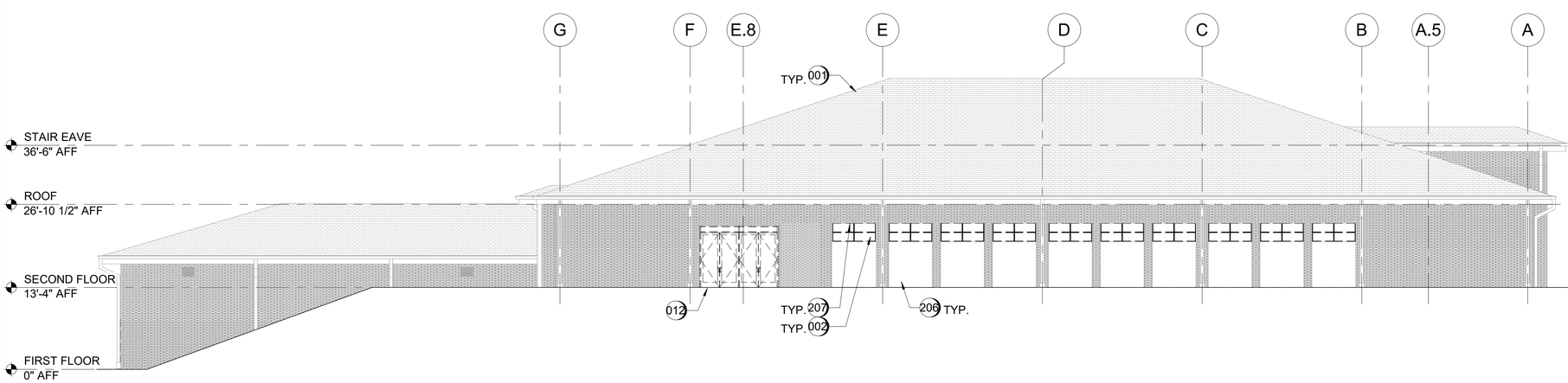
C1 DEMOLITION EAST ELEVATION - OVERALL
SCALE 3/32" = 1'-0"



A1 DEMOLITION SOUTH ELEVATION - OVERALL
SCALE 3/32" = 1'-0"

DEMOLITION KEYNOTES

001 NO WORK TO ROOF
002 REMOVE ALL EXTERIOR WINDOWS.
012 REMOVE STOREFRONT ENTRY SYSTEM
206 CONCRETE TO REMAIN
207 EXTERIOR STEEL LINTELS TO REMAIN. REMOVE ALL SURFACE RUST AND REFINISH WITH RUST INHIBITING PRIMER AND EXTERIOR PAINT TO MATCH BRICK FINISH

GRAPHIC SCALE(S)

0 4' 8' 16' 32'
SCALE: 3/32" = 1'-0"

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MARK	DESCRIPTION	DATE

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OVERALL DEMOLITION BUILDING ELEVATIONS

SHEET ID
AD201

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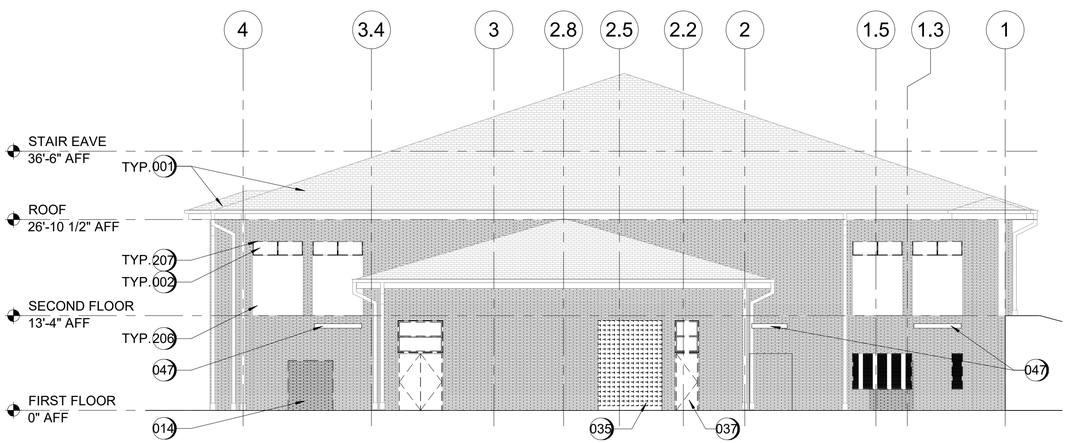
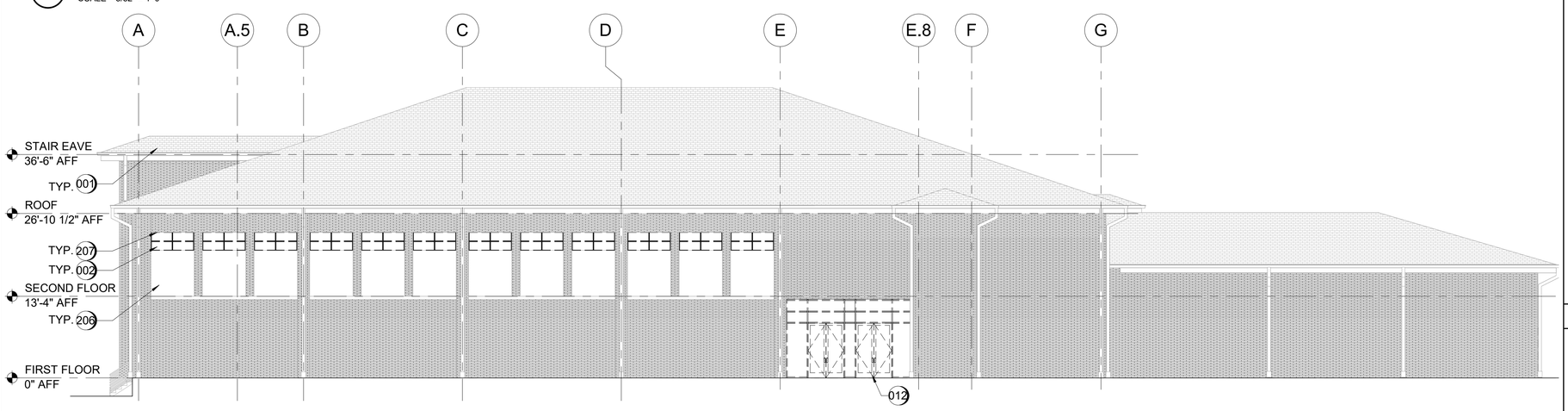


C1 DEMOLITION WEST ELEVATION - OVERALL
SCALE 3/32" = 1'-0"



A1 DEMOLITION NORTH ELEVATION - OVERALL
SCALE 3/32" = 1'-0"

GENERAL SHEET NOTES

DEMOLITION KEYNOTES

001 NO WORK TO ROOF
002 REMOVE ALL EXTERIOR WINDOWS.
012 REMOVE STOREFRONT ENTRY SYSTEM
014 PORTION OF WALL TO BE DEMOLISHED
035 REMOVE GLASS BRICK INFILL
037 REMOVE DOOR
047 EXISTING METAL INFILL PANEL
206 CONCRETE TO REMAIN
207 EXTERIOR STEEL LINTELS TO REMAIN. REMOVE ALL SURFACE RUST AND REFINISH WITH RUST INHIBITING PRIMER AND EXTERIOR PAINT TO MATCH BRICK FINISH

GRAPHIC SCALE(S)

0 4' 8' 16' 32'
SCALE: 3/32" = 1'-0"

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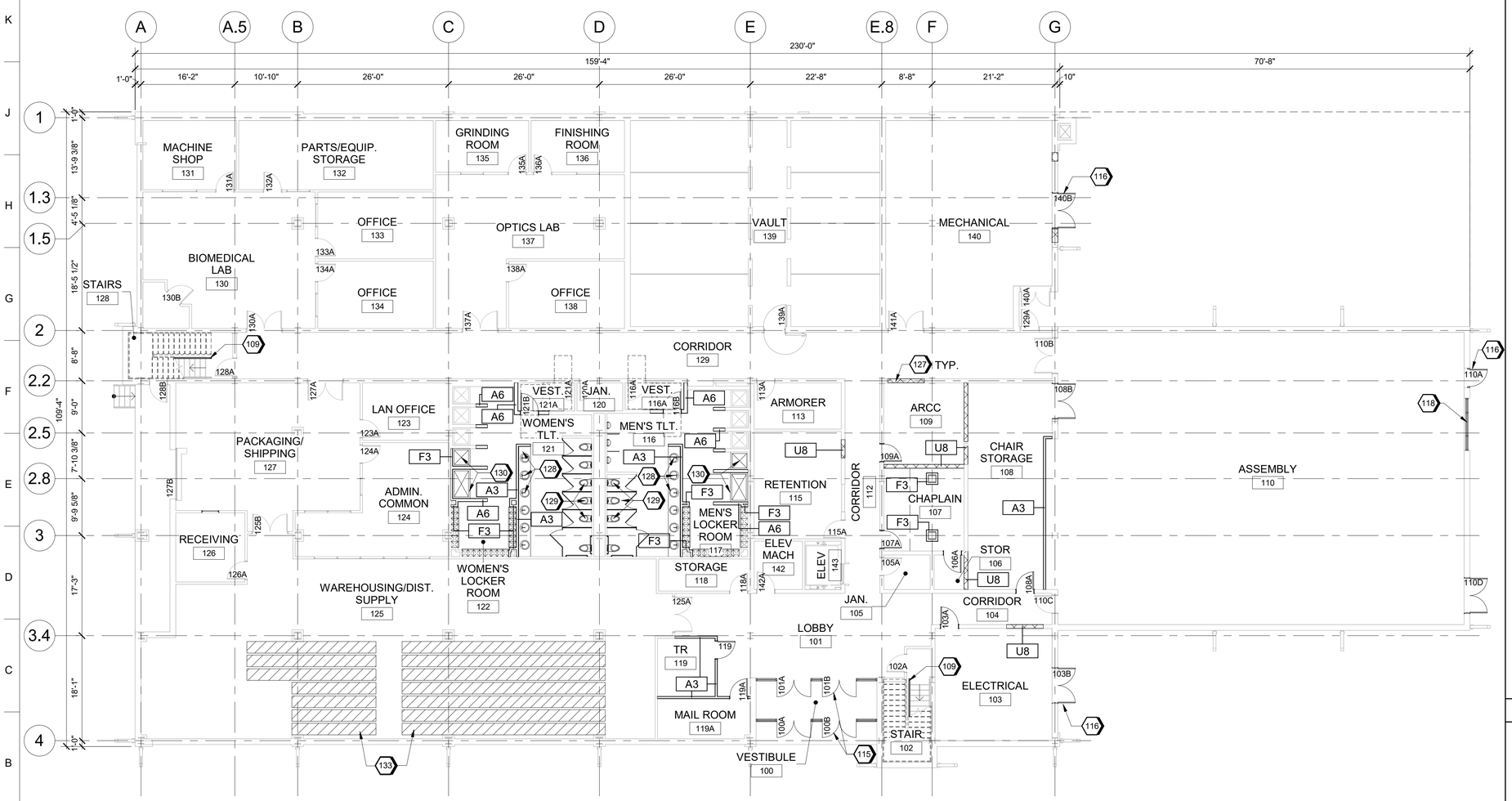
OVERALL DEMOLITION BUILDING ELEVATIONS

SHEET ID
AD202

CERTIFIED FINAL



A1 PROPOSED OVERALL PLAN - FLOOR 01
SCALE 3/32" = 1'-0"

GENERAL SHEET NOTES

A ALL NEW PARTITIONS TO ALIGN WITH EXISTING.
B ALL CEILINGS TO BE REPLACED IN KIND.
C REFER TO INTERIORS FOR FURNITURE LAYOUTS.
D REFER TO INTERIORS FOR FLOOR FINISHES
E ALL WALLS TO RECEIVE NEW PAINT; REFER INTERIORS FOR FINISHES

#SHEET KEYNOTES

109 REPLACE GUARDRAIL/HANDRAIL
115 PREFINISHED INSULATED ALUMINUM STOREFRONT ENTRY SYSTEM
116 INSULATED HOLLOW METAL EXTERIOR DOORS
118 PREFINISHED INSULATED ALUMINUM WINDOWS
127 INFILL OF DEMOLISHED DOOR
128 COUNTERTOPS, SINKS, AND ACCESSORIES
129 DITOILETS, TOILET PARTITIONS, AND ACCESSORIES
130 SHOWER AND ACCESSORIES
133 COMPACT STORAGE SYSTEM IN COMPLIANCE WITH USACE STANDARDS

GRAPHIC SCALE(S)

0 4' 8' 16' 32'
SCALE: 3/32" = 1'-0"

PLAN NORTH
TRUE N.

US Army Corps of Engineers ®

MARK	DESCRIPTION	DATE

File Path: Autodesk Docs://US PA_LDOWV2302_USACE_MRAR Newtown Sq USARC Bldg 0200/LDOWV2302-A-30.rvt

Plot Date: 7/9/2025 1:38:17 PM

ISSUE DATE: 11 JULY 2025
SOLICITATION NO.:
CONTRACT NO.:

DESIGNED BY: J. PERRY
DRAWN BY: S. LONGORIA
CHECKED BY: M. HAYES
SUBMITTED BY:
SIZE: ANSI D

US ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT

Jacobs
Texas Registered Engineering Firm F-2966
777 Main St. Fort Worth, TX

R&M NEWTOWN SQUARE (EDGEMONT), PA
US ARMY RESERVE CENTER (USARC)

PROPOSED OVERALL PLAN - FLOOR 01

SHEET ID
AE101

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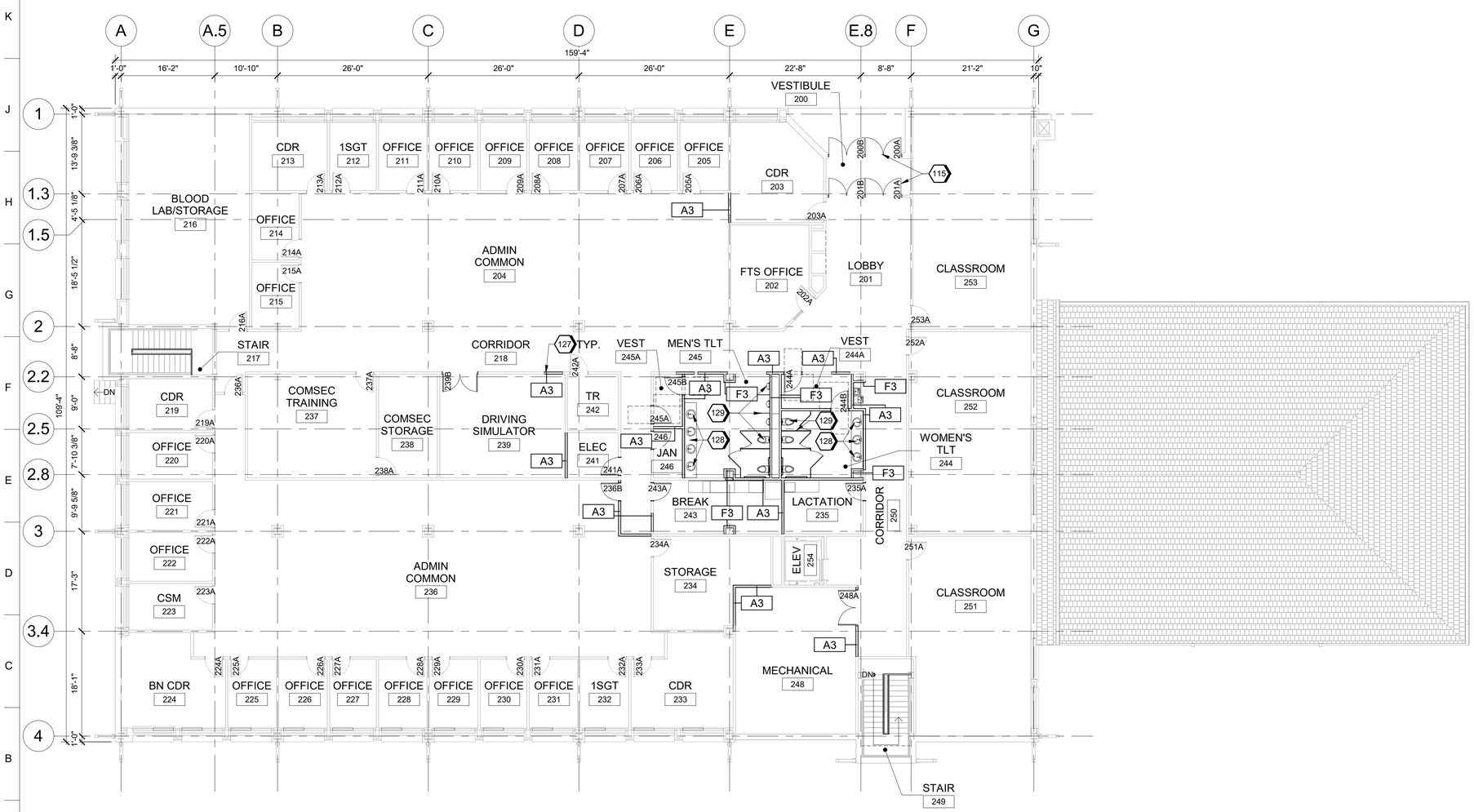

A1 PROPOSED OVERALL PLAN - FLOOR 02
SCALE 3/32" = 1'-0"

GENERAL SHEET NOTES

A ALL NEW PARTITIONS TO ALIGN WITH EXISTING.
B ALL CEILINGS TO BE REPLACED IN KIND.
C REFER TO INTERIORS FOR FURNITURE LAYOUTS.
D REFER TO INTERIORS FOR FLOOR FINISHES
E ALL WALLS TO RECEIVE NEW PAINT; REFER INTERIORS FOR FINISHES

#SHEET KEYNOTES

115 PREFINISHED INSULATED ALUMINUM STOREFRONT ENTRY SYSTEM
127 INFILL OF DEMOLISHED DOOR
128 COUNTERTOPS, SINKS, AND ACCESSORIES
129 DITOILETS, TOILET PARTITIONS, AND ACCESSORIES

GRAPHIC SCALE(S)

0 4' 8' 16' 32'
SCALE: 3/32" = 1'-0"

PLAN NORTH
TRUE N

US Army Corps of Engineers ®

MARK	DESCRIPTION	DATE

File Path: Autodesk Docs://US PA_LDOW2502_USACE_MRAR Newtown Sq USARC Bldg 0200/LDOW2502-A-30.rvt

Plot Date: 7/9/2025 1:38:19 PM

DESIGNED BY: J. PERRY
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CHECKED BY: M. MAHE
SUBMITTED BY:
SIZE: ANSI D

ISSUE DATE: 11 JULY 2025
SOLICITATION NO.:
CONTRACT NO.:

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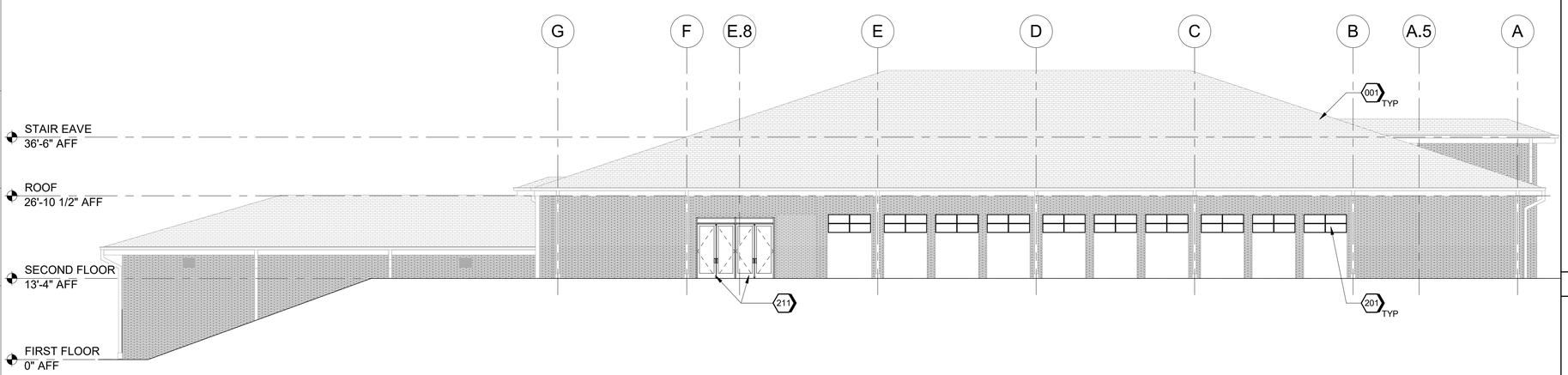
PROPOSED OVERALL PLAN - FLOOR 02

SHEET ID
AE102

CERTIFIED FINAL

C1 PROPOSED EAST ELEVATION - OVERALL
SCALE 3/32" = 1'-0"



A1 PROPOSED SOUTH ELEVATION - OVERALL
SCALE 3/32" = 1'-0"

GENERAL SHEET NOTES

A REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION.

B ALL NEW EXTERIOR DOORS TO BE INSULATED

#SHEET KEYNOTES

001 NO WORK TO ROOF
201 NON-OPERABLE TYPE WINDOWS; TYP.
203 DOOR TO REMAIN
211 PREFINISHED ALUMINUM ENTRANCE STOREFRONT, TYPICAL

GRAPHIC SCALE(S)

0 4' 8' 16' 32'

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

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MARK	DESCRIPTION	DATE

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SOLICITATION NO.:
CONTRACT NO.:

DESIGNED BY: J. PERRY
DRAWN BY: S. LONGORIA
CHECKED BY: M. HAYES
SUBMITTED BY:
SIZE: ANSI D

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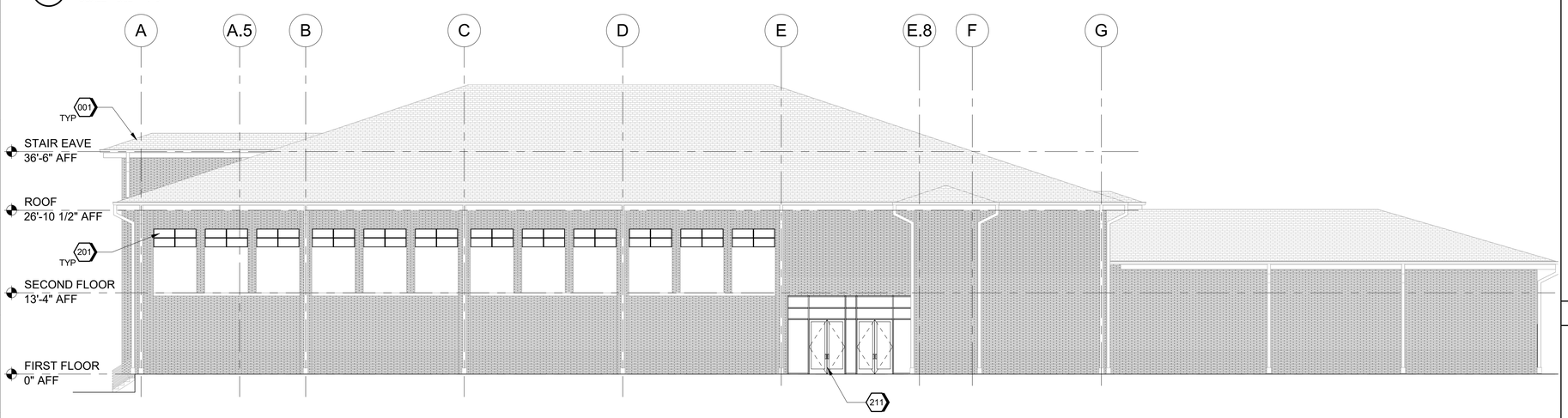
OVERALL PROPOSED BUILDING ELEVATIONS

SHEET ID
AE201

CERTIFIED FINAL

C1 PROPOSED WEST ELEVATION - OVERALL
SCALE 3/32" = 1'-0"



A1 PROPOSED NORTH ELEVATION - OVERALL
SCALE 3/32" = 1'-0"

GENERAL SHEET NOTES

A REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION.

B ALL NEW EXTERIOR DOORS TO BE INSULATED

#SHEET KEYNOTES

001 NO WORK TO ROOF
201 NON-OPERABLE TYPE WINDOWS; TYP.
202 INSULATED DOOR AS SCHEDULED
210 PREFINISHED INSULATED ALUMINUM FIXED WINDOWS, TYPICAL.
211 PREFINISHED ALUMINUM ENTRANCE STOREFRONT, TYPICAL

GRAPHIC SCALE(S)

0 4' 8' 16' 32'
SCALE: 3/32" = 1'-0"

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MARK	DESCRIPTION	DATE

File Path: Autodesk Docs://US PA_LDOWV2502_USACE_MRAR Newtown Sq LISARC Bldg 0200/LDOWV2502-A-30.rvt

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DRAWN BY: S. LONGORIA
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SUBMITTED BY:
SIZE: ANSI D
ISSUE DATE: 11 JULY 2025
SOLICITATION NO.:
CONTRACT NO.:

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OVERALL PROPOSED BUILDING ELEVATIONS

SHEET ID
AE202

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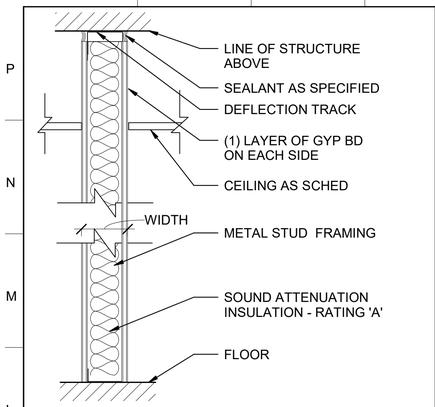
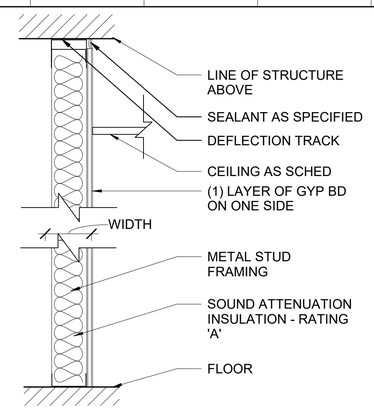
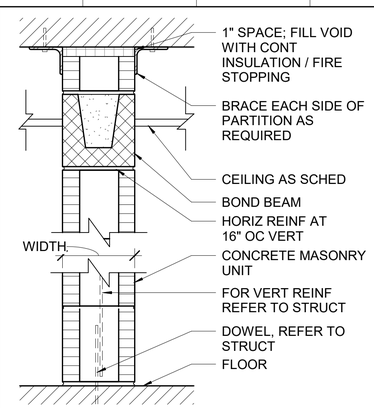


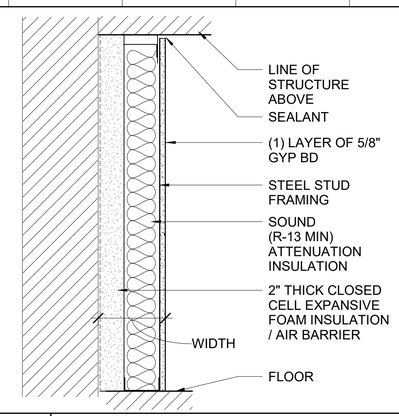
TYPE	A		
SIZE INDICATOR	IND	STUD SIZE	TOTAL WIDTH
	2	2 1/2"	3 3/4"
	3	3 5/8"	4 7/8"
	4	4"	5 1/4"
	6	6"	7 1/4"
	8	8"	9 1/4"
RATING		NO RATING-NO INSULATION	
	1	1 HR FIRE RATED UL# U419	
	A	ACOUSTICAL - STC 42	
	S	SMOKE	



TYPE	E		
SIZE INDICATOR	IND	FURR SIZE	TOTAL WIDTH
	2	2 1/2"	3 1/8"
	3	3 5/8"	4 1/4"
	4	4"	4 5/8"
	6	6"	6 5/8"
	8	8"	8 5/8"
RATING		NO RATING - NO INSULATION	
	A	ACOUSTICAL - STC 42	
	S	SMOKE	



TYPE	U		
SIZE INDICATOR	IND	CMU SIZE	TOTAL WIDTH
	6	5 5/8"	5 5/8"
	8	7 5/8"	7 5/8"
	12	11 5/8"	11 5/8"
	14	13 5/8"	13 5/8"
RATING		NO RATING	
	1	1 HR FIRE RATED UL# U905	
	2	2 HR FIRE RATED UL# U905	



TYPE	EW-1 COMPLETE WALL ASSEMBLY (R-19 MIN)		
SIZE INDICATOR	IND	FURR SIZE	TOTAL WIDTH
	1	2 1/2"	5 1/8"
RATING		NO RATING	

PARITITON TYPE KEY

FIRST DIGIT IS THE PARTITION 'TYPE'

A3-2

SECOND DIGIT IS THE 'SIZE INDICATOR'

THIRD DIGIT IS THE PARTITION 'RATING'

GENERAL NOTES

A. NOT ALL PARTITIONS ILLUSTRATED ARE USED. RE: "GYP BD PARTITIONS IN PROJECT" (SEE BELOW) FOR TYPES USED.

B. "LINE OF STRUCT" INDICATED FOR EACH PARTITION IS DIAGRAMMATIC ONLY AND DOES NOT INDICATE EXACT CONSTRUCTION CONDITIONS OR GEOMETRY. REFER TO DETAILS ON THIS SHEET FOR TYPICAL CONNECTION DETAILS.

C. GYPSUM BOARD:
1. FIRE RESISTANT RATED PARTITIONS SHALL USE TYPE "X" FIRE RATED GYPSUM BOARD.
2. PARTITIONS IN HIGH MOISTURE AREAS SHALL USE MOISTURE RESISTANT GYPSUM BOARD WHICH INCLUDE TOILET ROOM(S), LOCKER ROOM(S), JANITOR CLOSET(S), MECHANICAL ROOM(S), AND WITHIN 4'-0" OF WATER FOUNTAIN.
3. PARTITIONS BEHIND TOIILETS, FIXTURES AND WITHIN SHOWER AREAS SHALL USE CEMENT BOARD WITH A MOISTURE BARRIER.
4. DO NOT ATTACH GYPSUM BOARD TO THE TOP SLIP TRACK.
5. ALL GYPSUM BOARD UTILIZED SHALL BE PAPERLESS.
6. ALL GYPSUM BOARD LOCATED IN CORRIDORS, CONFERENCE ROOMS, TRAINING ROOMS, BREAK ROOMS, STORAGE ROOMS, SUPPLY ROOMS, VENDING ROOMS, AND RECYCLE ROOMS SHALL BE ABUSE RESISTANT TO 8'-0" A.F.F. ALL GYPSUM BOARD LOCATED IN SHOPS SHALL BE IMPACT RESISTANT TO 10'-0" A.F.F.
7. ALL CEILINGS LOCATED IN RESTROOMS SHALL USE MOISTURE RESISTANT GYPSUM BOARD.

E. SEALANT:
1. FIRE RESISTANT RATED PARTITIONS SHALL USE FIRE STOP SEALANT SYSTEM.
2. NON - RATED PARTITIONS AND SMOKE RATED PARTITIONS SHALL USE ACOUSTICAL SEALANT.
3. FIRE RESISTANT RATED PARTITIONS SHALL NOT USE ACOUSTICAL SEALANT.

F. INSULATION - HEAD CONDITION AT STRUCTURE ABOVE:
1. FIRE RATED RESISTANT PARTITIONS MUST USE FIRE SAFING INSULATION.
2. NON - RATED PARTITIONS MUST USE SOUND ATTENUATION BLANKET.

G. FIRE AND / OR SMOKE RESISTANT RATINGS ARE TO SURROUND ALL OPENINGS IN RATED PARTITIONS.

H. FIRE AND / OR SMOKE RESISTANT PARTITIONS MUST EXTEND TO INSIDE FACE OF EXTERIOR SHEATHING, DECKS, AND INCLUDING EXTENSIONS THROUGH SOFFITS.

I. EACH PARTITION INDICATED TO BE FIRE AND/OR SMOKE RESISTANT SHALL BE IDENTIFIED AS SUCH WITH A LABEL ABOVE THE CEILING ON EACH SEGMENT OF WALL AT A MIN OF 8'-0" O.C.

J. STC RATING IS BASED ON THE USE OF A 3 5/8" METAL STUD OR GREATER.

K. INSTALL HORIZONTAL STUD FRAMING BRACING AT 4'-0" ON CENTER AT FURRING AND NON-RATED CHASE WALLS.

L. ALL STUDS ARE 16" ON CENTER UNLESS OTHERWISE.

M. ALL STUDS ARE MINIMUM 22 GAUGE.

N. REFER TO FLOOR PLANS FOR LOCATION OF PARTITION TYPE TAGS.

O. CMU INFILL WALLS ARE TO BE A THICKNESS TO MATCH EXISTING ADJACENT WALL.

US Army Corps of Engineers ®

MARK	DESCRIPTION	DATE

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SOLICITATION NO.:
CONTRACT NO.:

DESIGNED BY: J. PERRY
DRAWN BY: S. LONGORIA
CHECKED BY: M. HAYES
SUBMITTED BY:
SIZE: ANSI D

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LOUISVILLE DISTRICT

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R&M NEWTOWN SQUARE (EDGEMONT), PA
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PARTITION TYPES

SHEET ID

A-601

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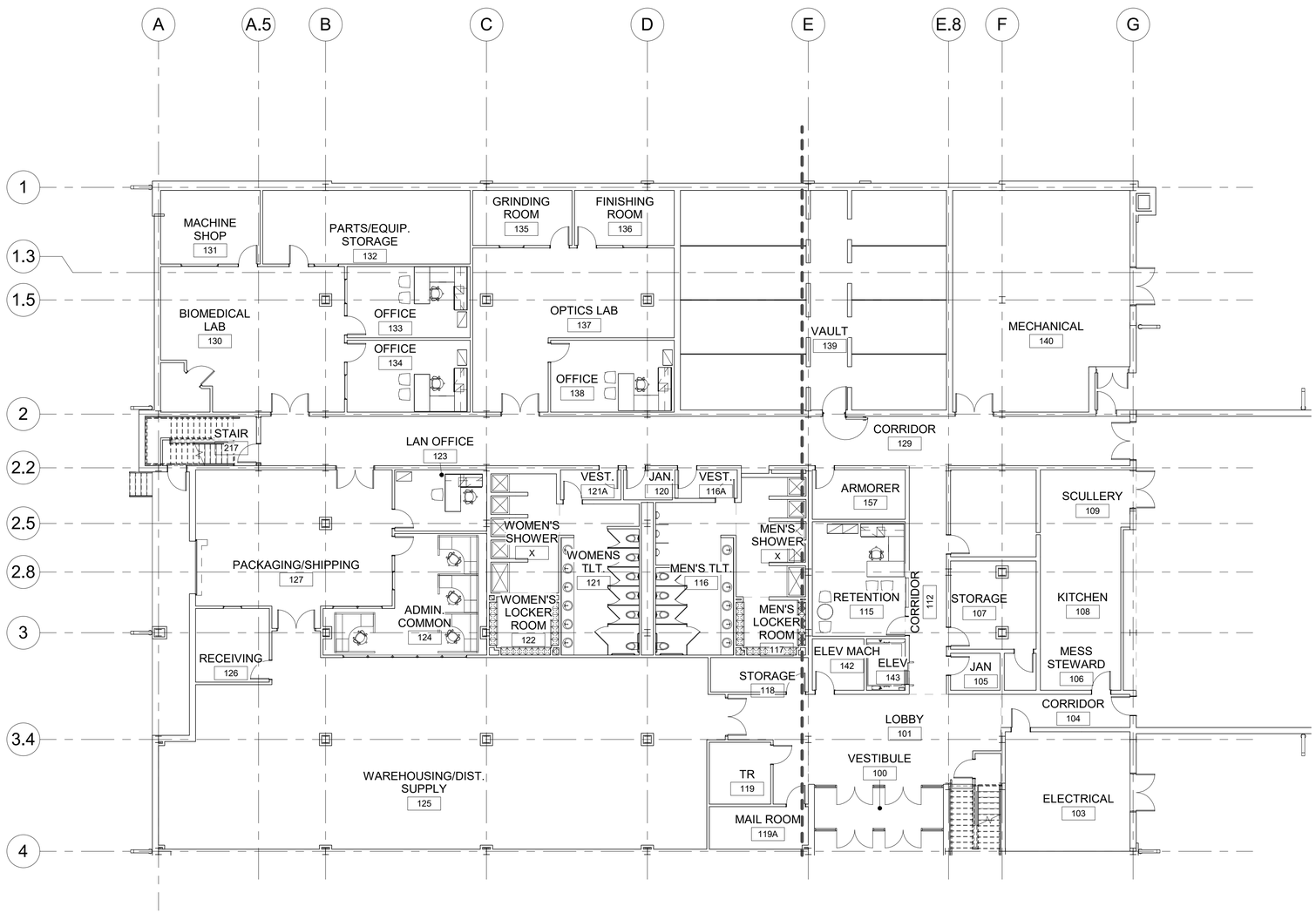

A1 PROPOSED OVERALL FURNITURE PLAN - FLOOR 01
SCALE 3/32" = 1'-0"

GENERAL SHEET NOTES

A. FURNITURE, FIXTURES, AND EQUIPMENT (FF&E) ARE GOVERNMENT FURNISHED, GOVERNMENT INSTALLED (GFGI). KTR TO PROVIDE FF&E DESIGN PACKAGE.
B. FIELD VERIFY CONDITIONS PRIOR TO ORDERING FF&E TO ENSURE PROPER FIT OF ALL ITEMS.
C. PROVIDE ALL INFRASTRUCTURE FOR FF&E AS REQUIRED, INCLUDING BUT NOT LIMITED TO WALL BLOCKING, POWER AND TELECOM.
D. PROVIDE ALL FF&E COMPONENTS REQUIRED TO FULFILL THE DESIGN INTENT OUTLINED IN THE FF&E PACKAGE, AND INSTALL FF&E PER MANUFACTURER'S INSTRUCTIONS.
E. INSTALL WALL BLOCKING AS REQUIRED AT DISPLAY BOARDS, MARKERBOARDS AND MONITORS.
F. ALL FF&E 72" OR HIGHER MUST HAVE SEISMIC ANCHORING IN ACCORDANCE WITH ASCE 7-16.
G. AUDIOVISUAL EQUIPMENT WILL BE DESIGNED, PROCURED AND INSTALLED BY OTHERS, GFGI.
H. HIGH DENSITY SHELVING (NFPA COMPLIANT STORAGE SYSTEM), PROCURED AND INSTALLED BY OTHERS, GFGI.

GRAPHIC SCALE(S)

PLAN NORTH
TRUE N.

0 40' 80' 120'
SCALE: 1" = 40'-0"

US Army Corps of Engineers ®

MARK	DESCRIPTION	DATE

File Path: Autodesk Docs://US PA_LDOW2602_USACE_MRAR Newtown Sq LISAARC Bldg 0200/LDOW2602-130.rvt

Plot Date: 7/10/2025 10:11:56 AM

DESIGNED BY: M. ABOVE
DRAWN BY: F. DODDS
CHECKED BY: J. BOYDSTON-HUTZ
SUBMITTED BY:
SIZE: ANSI D
ISSUE DATE: 11 JULY 2025
SOLICITATION NO.:
CONTRACT NO.:

US ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KY 40202

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777 Main St. Fort Worth, TX

R&M NEWTOWN SQUARE (EDGEMONT) PA
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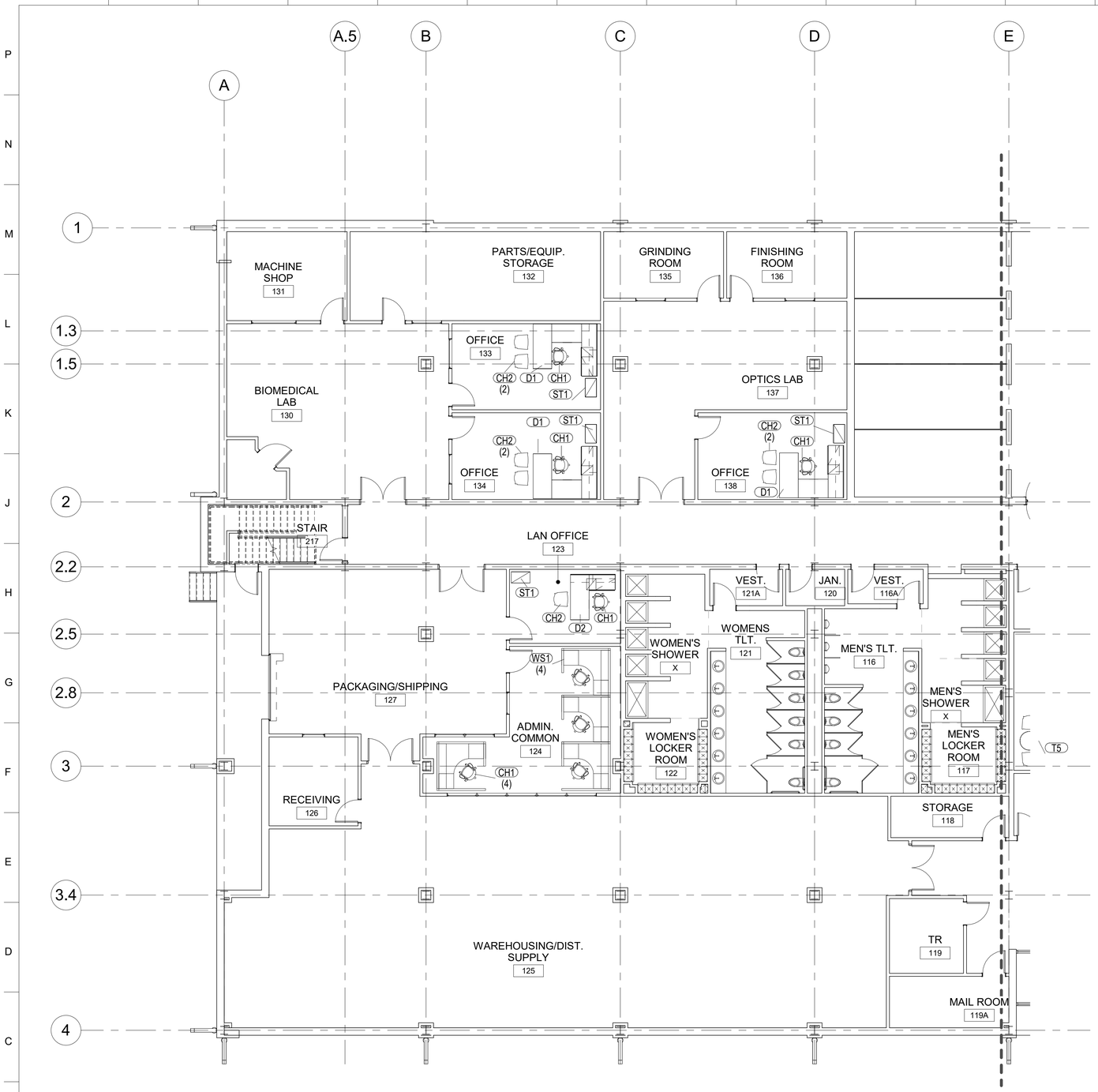
PROPOSED OVERALL FURNITURE PLAN - FLOOR 01

SHEET ID
IF102

CERTIFIED FINAL



A1 PROPOSED PARTIAL FURNITURE PLAN - FLOOR 01 - AREA A
SCALE 1/8" = 1'-0"

GENERAL SHEET NOTES

A. FURNITURE, FIXTURES, AND EQUIPMENT (FF&E) ARE GOVERNMENT FURNISHED, GOVERNMENT INSTALLED (GFGI). KTR TO PROVIDE FF&E DESIGN PACKAGE.
B. FIELD VERIFY CONDITIONS PRIOR TO ORDERING FF&E TO ENSURE PROPER FIT OF ALL ITEMS.
C. PROVIDE ALL INFRASTRUCTURE FOR FF&E AS REQUIRED, INCLUDING BUT NOT LIMITED TO WALL BLOCKING, POWER AND TELECOM.
D. PROVIDE ALL FF&E COMPONENTS REQUIRED TO FULFILL THE DESIGN INTENT OUTLINED IN THE FF&E PACKAGE, AND INSTALL FF&E PER MANUFACTURER'S INSTRUCTIONS.
E. INSTALL WALL BLOCKING AS REQUIRED AT DISPLAY BOARDS, MARKERBOARDS AND MONITORS.
F. ALL FF&E 72" OR HIGHER MUST HAVE SEISMIC ANCHORING IN ACCORDANCE WITH ASCE 7-16.
G. AUDIOVISUAL EQUIPMENT WILL BE DESIGNED, PROCURED AND INSTALLED BY OTHERS, GFGI.
H. HIGH DENSITY SHELVING (NFPA COMPLIANT STORAGE SYSTEM), PROCURED AND INSTALLED BY OTHERS, GFGI.

FF&E

TYPE MARK	DESCRIPTION
AC1	TRASH & RECYCLING
CH1	CHAIR, TASK
CH2	CHAIR, GUEST
CH3	CHAIR, STACKING
CH4	CHAIR, RECLINER
D1	DESK, U-SHAPED
D2	DESK, L-SHAPED, 72" X 72"
L1	LECTURN
ST1	STORAGE, LATERAL FILE
T2	TABLE, ROUND, 24"
T3	TRAINING TABLE
T4	TABLE, ROUND, 18"
T5	TABLE, ROUND, 30"
WS1	WORKSTATION, 72" X72"

GRAPHIC SCALE(S)

0 40' 80' 120'
SCALE: 1" = 40'-0"

PLAN NORTH
TRUE N

US Army Corps of Engineers ®

MARK	DESCRIPTION	DATE

File Path: Autodesk Docs://US PA_LDOW2602_USACE_MRAR Newtown Sq USARC Bldg 0200/LDOW2602-3D.rvt

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DESIGNED BY: M. ABOVE
DRAWN BY: F. DODDS
CHECKED BY: J. BOYER/C. HUTZ
SUBMITTED BY:
SIZE: ANSI D
ISSUE DATE: 11 JULY 2025
SOLICITATION NO.:
CONTRACT NO.:

US ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KY 40202

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US ARMY RESERVE CENTER (USARC)

PROPOSED PARTIAL FURNITURE PLAN - FLOOR 01 - AREA A

SHEET ID
IF103

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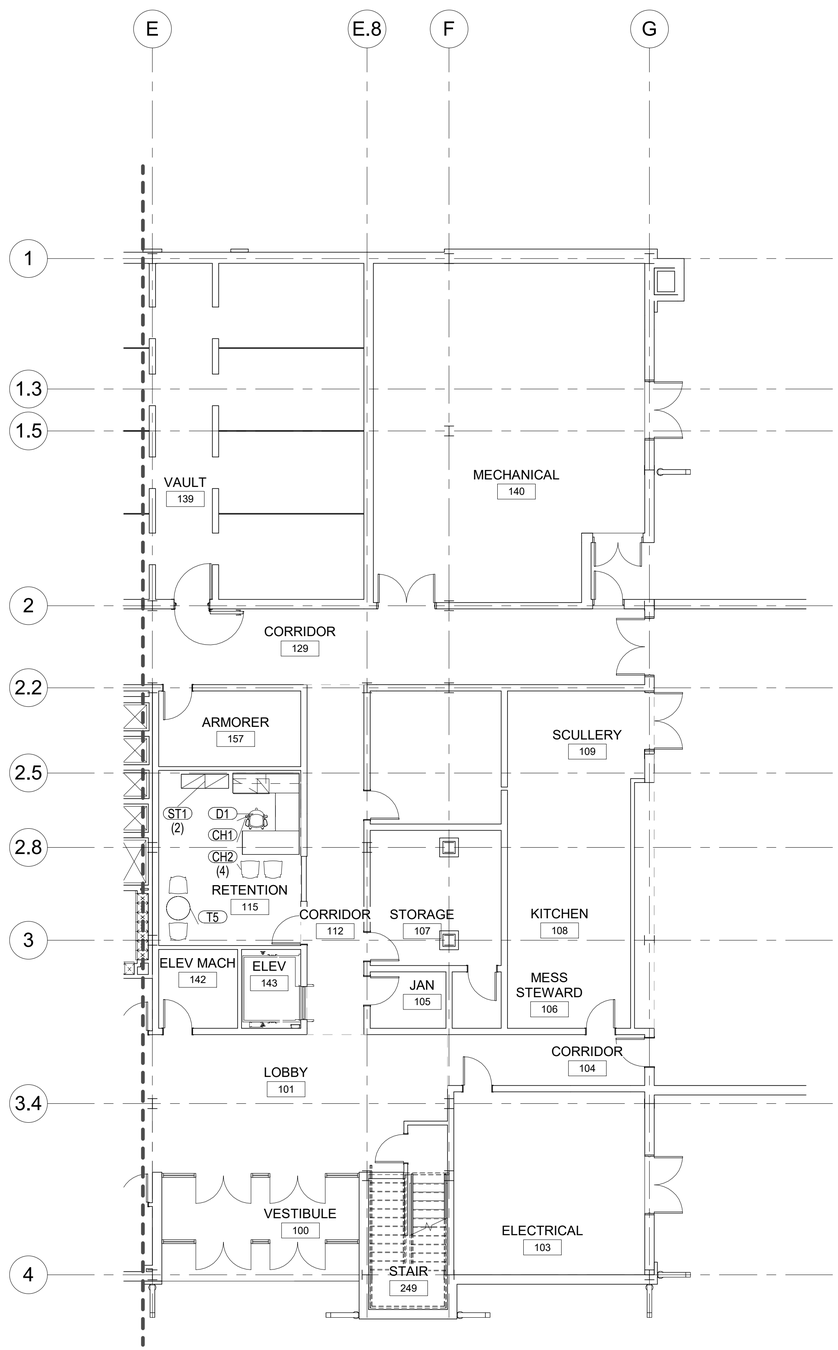


A1 PROPOSED PARTIAL FURNITURE PLAN - FLOOR 01 - AREA B

SCALE 1/8" = 1'-0"

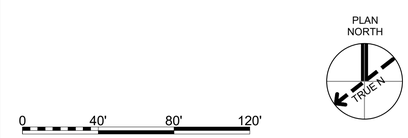
GENERAL SHEET NOTES

A. FURNITURE, FIXTURES, AND EQUIPMENT (FF&E) ARE GOVERNMENT FURNISHED, GOVERNMENT INSTALLED (GFGI). KTR TO PROVIDE FF&E DESIGN PACKAGE.
B. FIELD VERIFY CONDITIONS PRIOR TO ORDERING FF&E TO ENSURE PROPER FIT OF ALL ITEMS.
C. PROVIDE ALL INFRASTRUCTURE FOR FF&E AS REQUIRED, INCLUDING BUT NOT LIMITED TO WALL BLOCKING, POWER AND TELECOM.
D. PROVIDE ALL FF&E COMPONENTS REQUIRED TO FULFILL THE DESIGN INTENT OUTLINED IN THE FF&E PACKAGE, AND INSTALL FF&E PER MANUFACTURER'S INSTRUCTIONS.
E. INSTALL WALL BLOCKING AS REQUIRED AT DISPLAY BOARDS, MARKERBOARDS AND MONITORS.
F. ALL FF&E 72" OR HIGHER MUST HAVE SEISMIC ANCHORING IN ACCORDANCE WITH ASCE 7-16.
G. AUDIOVISUAL EQUIPMENT WILL BE DESIGNED, PROCURED AND INSTALLED BY OTHERS, GFGI.
H. HIGH DENSITY SHELVING (NFPA COMPLIANT STORAGE SYSTEM), PROCURED AND INSTALLED BY OTHERS, GFGI.

FF&E

TYPE MARK	DESCRIPTION
AC1	TRASH & RECYCLING
CH1	CHAIR, TASK
CH2	CHAIR, GUEST
CH3	CHAIR, STACKING
CH4	CHAIR, RECLINER
D1	DESK, U-SHAPED
D2	DESK, L-SHAPED, 72" X 72"
L1	LECTURN
ST1	STORAGE, LATERAL FILE
T2	TABLE, ROUND, 24"
T3	TRAINING TABLE
T4	TABLE, ROUND, 18"
T5	TABLE, ROUND, 30"
WS1	WORKSTATION, 72" X72"

GRAPHIC SCALE(S)



SCALE: 1" = 40'-0"

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MARK	DESCRIPTION	DATE

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SOLICITATION NO.:
CONTRACT NO.:

DESIGNED BY: M. ABOVE
DRAWN BY: F. DODDS
CHECKED BY: J. HOFERSHUTZ
SUBMITTED BY:
SIZE: ANSI D

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LOUISVILLE, KY 40202

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US ARMY RESERVE CENTER (USARC)

PROPOSED PARTIAL FURNITURE PLAN - FLOOR 01 - AREA B

SHEET ID

IF104

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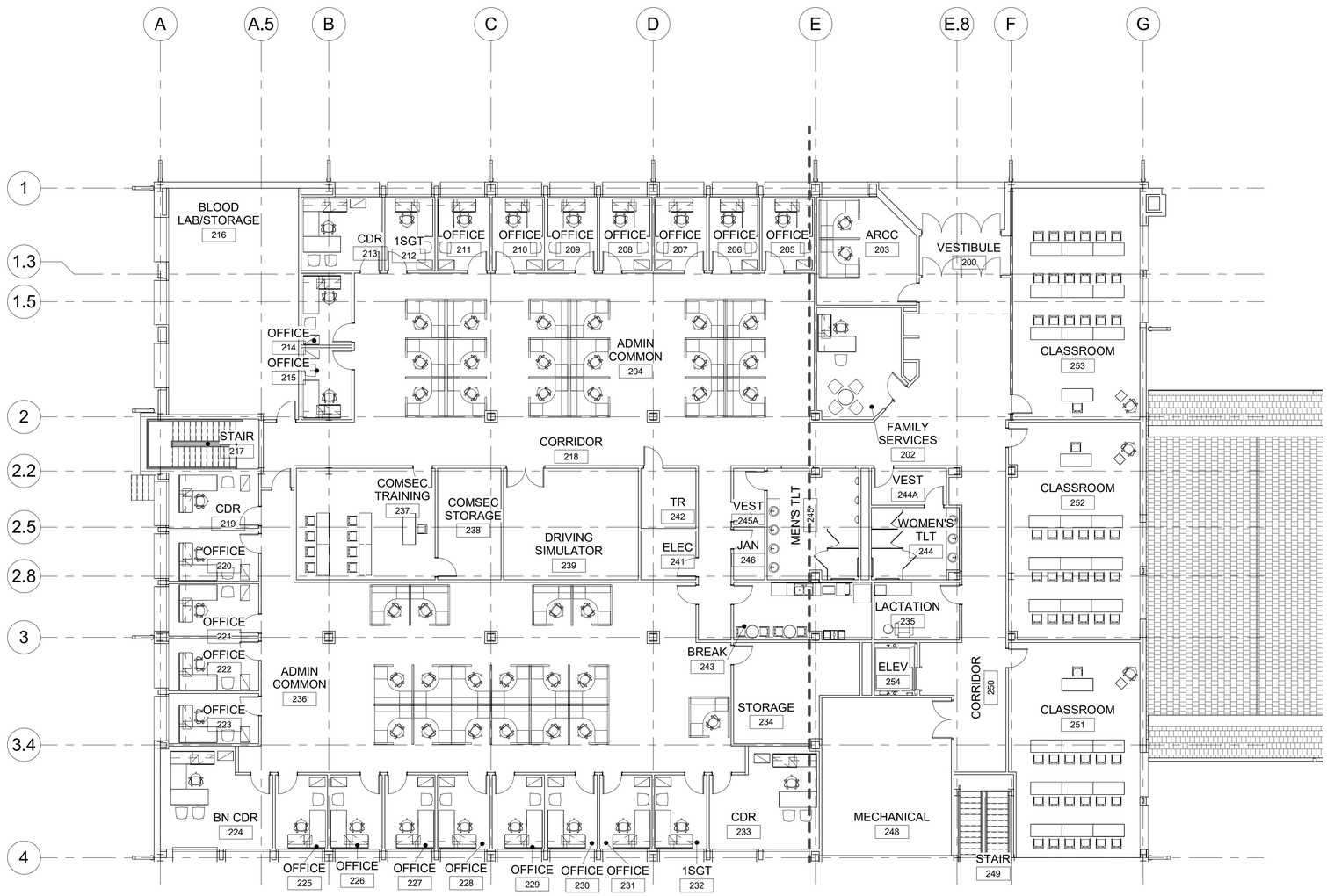

A1 PROPOSED OVERALL FURNITURE PLAN - FLOOR 02

SCALE 3/32" = 1'-0"

GENERAL SHEET NOTES

A. FURNITURE, FIXTURES, AND EQUIPMENT (FF&E) ARE GOVERNMENT FURNISHED, GOVERNMENT INSTALLED (GFGI). KTR TO PROVIDE FF&E DESIGN PACKAGE.
B. FIELD VERIFY CONDITIONS PRIOR TO ORDERING FF&E TO ENSURE PROPER FIT OF ALL ITEMS.
C. PROVIDE ALL INFRASTRUCTURE FOR FF&E AS REQUIRED, INCLUDING BUT NOT LIMITED TO WALL BLOCKING, POWER AND TELECOM.
D. PROVIDE ALL FF&E COMPONENTS REQUIRED TO FULFILL THE DESIGN INTENT OUTLINED IN THE FF&E PACKAGE, AND INSTALL FF&E PER MANUFACTURER'S INSTRUCTIONS.
E. INSTALL WALL BLOCKING AS REQUIRED AT DISPLAY BOARDS, MARKERBOARDS AND MONITORS.
F. ALL FF&E 72" OR HIGHER MUST HAVE SEISMIC ANCHORING IN ACCORDANCE WITH ASCE 7-16.
G. AUDIOVISUAL EQUIPMENT WILL BE DESIGNED, PROCURED AND INSTALLED BY OTHERS, GFGI.
H. HIGH DENSITY SHELVING (NFPA COMPLIANT STORAGE SYSTEM), PROCURED AND INSTALLED BY OTHERS, GFGI.

GRAPHIC SCALE(S)

0 40' 80' 120'

SCALE: 1" = 40'-0"

PLAN NORTH

TRUE N

US Army Corps of Engineers ®

MARK	DESCRIPTION	DATE

File Path: Autodesk Docs://US PA_LDOW2202_USACE_MRAR Newtown Sq LISAARC Bldg 0200/LDOW2202-L3D.rvt

Plot Date: 7/10/2025 10:11:58 AM

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SOLICITATION NO.:
CONTRACT NO.:

DESIGNED BY: M. ABOVE
DRAWN BY: F. DODDS
CHECKED BY: J. BOYDSHUTZ
SUBMITTED BY:
SIZE: ANSI D

US ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KY 40202

Jacobs
Texas Registered Engineering Firm F-2966
777 Main St. Fort Worth, TX

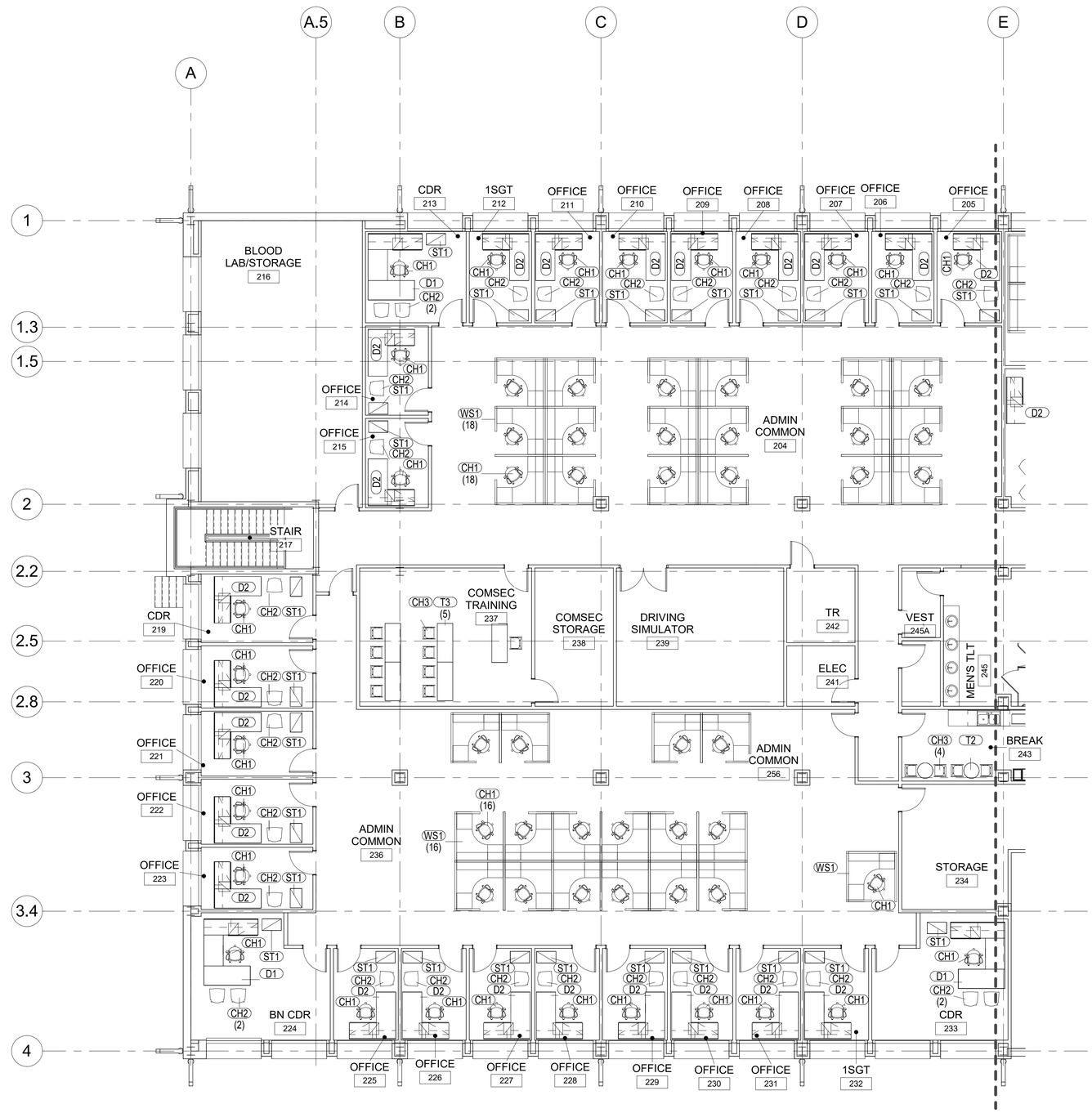
R&M NEWTOWN SQUARE (EDGEMONT) PA
US ARMY RESERVE CENTER (USARC)

PROPOSED OVERALL FURNITURE PLAN - FLOOR 02

SHEET ID

IF105

CERTIFIED FINAL



A1 PROPOSED PARTIAL FURNITURE PLAN - FLOOR 02 - AREA A
SCALE 1/8" = 1'-0"

GENERAL SHEET NOTES

A. FURNITURE, FIXTURES, AND EQUIPMENT (FF&E) ARE GOVERNMENT FURNISHED, GOVERNMENT INSTALLED (GFGI). KTR TO PROVIDE FF&E DESIGN PACKAGE.
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H. HIGH DENSITY SHELVING (NFPA COMPLIANT STORAGE SYSTEM), PROCURED AND INSTALLED BY OTHERS, GFGI.

FF&E

TYPE MARK	DESCRIPTION
AC1	TRASH & RECYCLING
CH1	CHAIR, TASK
CH2	CHAIR, GUEST
CH3	CHAIR, STACKING
CH4	CHAIR, RECLINER
D1	DESK, U-SHAPED
D2	DESK, L-SHAPED, 72" X 72"
L1	LECTURN
ST1	STORAGE, LATERAL FILE
T2	TABLE, ROUND, 24"
T3	TRAINING TABLE
T4	TABLE, ROUND, 18"
T5	TABLE, ROUND, 30"
WS1	WORKSTATION, 72" X72"

GRAPHIC SCALE(S)

PLAN NORTH
TRUE N

0 40' 80' 120'
SCALE: 1" = 40'-0"

US Army Corps of Engineers ®

MARK	DESCRIPTION	DATE

File Path: Autodesk Docs://US PA_LDOWV2202_USACE_MRAR Newtown Sq USARC Bldg 0200/LDOWV2202-L30.rvt

Plot Date: 7/10/2025 10:12:00 AM

DESIGNED BY: M. ABOVE
DRAWN BY: F. DODDS
CHECKED BY: J. LOPERSHUTZ
SUBMITTED BY:
SIZE: ANSI D

ISSUE DATE: 11 JULY 2025
SOLICITATION NO.:
CONTRACT NO.:

US ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KY 40202

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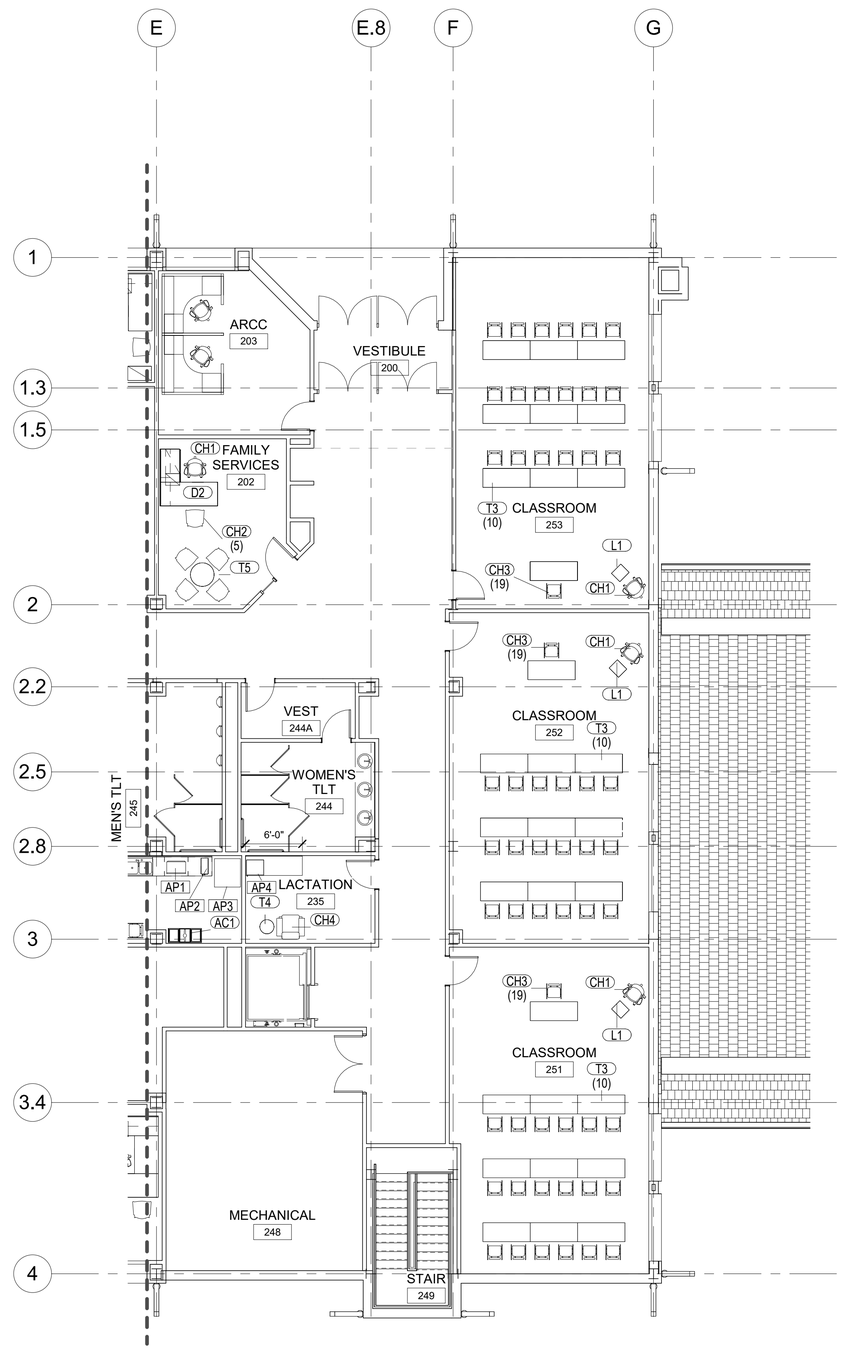
Texas Registered Engineering Firm F-2966
777 Main St. Fort Worth, TX

R&M NEWTOWN SQUARE (EDGEMONT) PA
US ARMY RESERVE CENTER (USARC)

PROPOSED PARTIAL FURNITURE PLAN - FLOOR 02 - AREA A

SHEET ID
IF106

CERTIFIED FINAL



A1 PROPOSED PARTIAL FINISH PLAN - FLOOR 02 - AREA A

SCALE 1/8" = 1'-0"

GENERAL SHEET NOTES

A. FURNITURE, FIXTURES, AND EQUIPMENT (FF&E) ARE GOVERNMENT FURNISHED, GOVERNMENT INSTALLED (GFGI). KTR TO PROVIDE FF&E DESIGN PACKAGE.
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FF&E

TYPE MARK	DESCRIPTION
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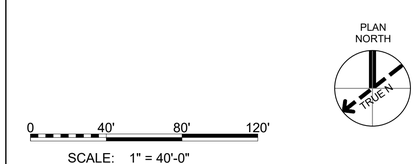
CH2	CHAIR, GUEST
CH3	CHAIR, STACKING
CH4	CHAIR, RECLINER
D1	DESK, U-SHAPED
D2	DESK, L-SHAPED, 72" X 72"
L1	LECTURN
ST1	STORAGE, LATERAL FILE
T2	TABLE, ROUND, 24"
T3	TRAINING TABLE
T4	TABLE, ROUND, 18"
T5	TABLE, ROUND, 30"
WS1	WORKSTATION, 72" X72"

EQUIP

Type Mark	Description
AP1	MICROWAVE
AP2	COFFEE MAKER
AP3	REFRIGERATOR
AP4	UNDERCOUNTER REFRIGERATOR

GRAPHIC SCALE(S)



SCALE: 1" = 40'-0"

US Army Corps of Engineers ®

MARK	DESCRIPTION	DATE

ISSUE DATE: 11 JULY 2025
SOLICITATION NO.:
CONTRACT NO.:

DESIGNED BY: M. ABOVE
DRAWN BY: F. DODDS
CHECKED BY: J. LOOSEMORE/J. HUTZ
SUBMITTED BY:
SIZE: ANSI D

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LOUISVILLE, KY 40202

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R&M NEWTOWN SQUARE (EDGEMONT), PA
US ARMY RESERVE CENTER (USARC)

PROPOSED PARTIAL FURNITURE PLAN - FLOOR 02 - AREA B

SHEET ID
IF107

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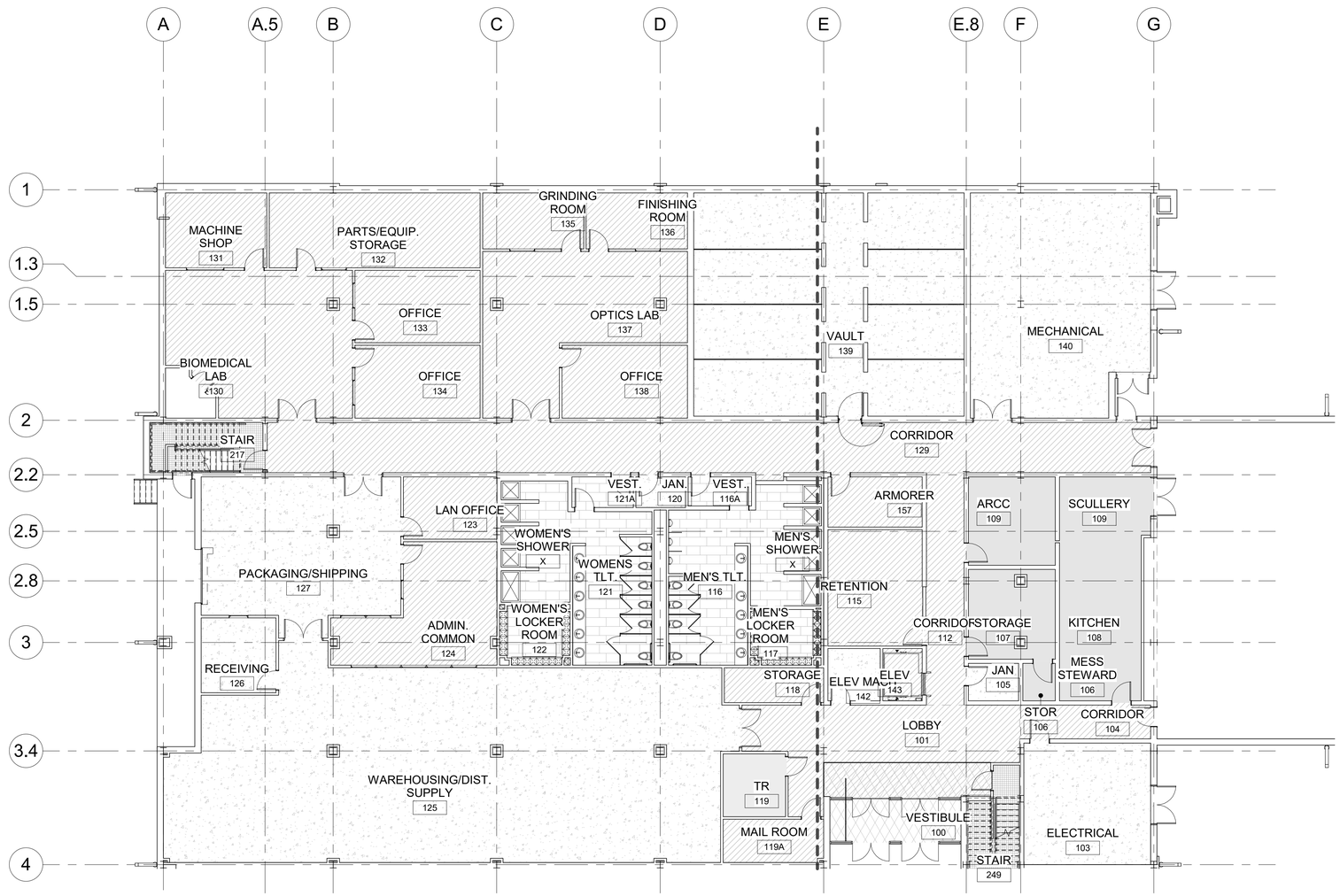
Plot Date: 7/10/2025 10:12:01 AM

CERTIFIED FINAL



A1 PROPOSED OVERALL FINISH PLAN - FLOOR 01
SCALE 3/32" = 1'-0"

GENERAL SHEET NOTES

A. REFER TO SHEET I-601 FOR FINISH MATERIAL LEGEND AND ROOM FINISH SCHEDULE.
B. FIELD VERIFY ALL DIMENSIONS PRIOR TO ORDERING MATERIALS & FINISHES.
C. ALL TRANSITIONS MUST OCCUR AT THE CENTERLINE OF THE DOOR, DOORWAY OR CEILING LINE, UNLESS OTHERWISE INDICATED.

LEGEND

- CPT-1
- EF-1
- ETR-1
- LVT-1
- PFT-1
- RF-1
- SC-1
- SDT-1

GRAPHIC SCALE(S)

0 40' 80' 120'
SCALE: 1" = 40'-0"

PLAN NORTH
TRUE N.

US Army Corps of Engineers ®

MARK	DESCRIPTION	DATE

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SOLICITATION NO.:
CONTRACT NO.:

DESIGNED BY: M. ABOVE
DRAWN BY: F. DODDS
CHECKED BY: J. LOPEZ-HUTZ
SUBMITTED BY:
SIZE: ANSI D

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LOUISVILLE DISTRICT
LOUISVILLE, KY 40202

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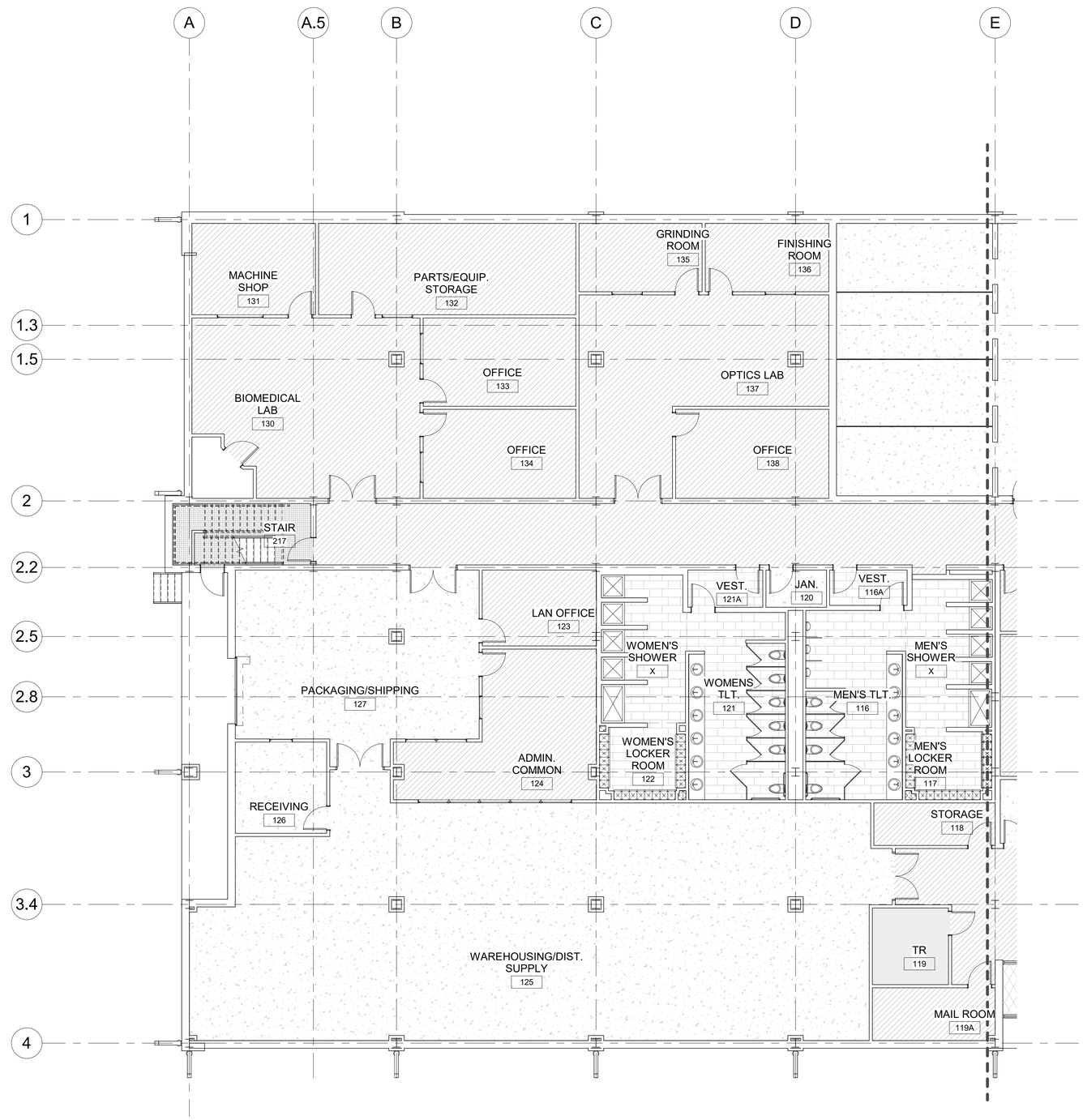
777 Main St. Fort Worth, TX

R&M NEWTOWN SQUARE (EDGEMONT), PA
US ARMY RESERVE CENTER (USARC)

PROPOSED OVERALL FINISH PLAN - FLOOR 01

SHEET ID
IN102

CERTIFIED FINAL



A1 PROPOSED PARTIAL FINISH PLAN - FLOOR 01 - AREA A

SCALE 1/8" = 1'-0"

GENERAL SHEET NOTES

A. REFER TO SHEET I-601 FOR FINISH MATERIAL LEGEND AND ROOM FINISH SCHEDULE.
B. FIELD VERIFY ALL DIMENSIONS PRIOR TO ORDERING MATERIALS & FINISHES.
C. ALL TRANSITIONS MUST OCCUR AT THE CENTERLINE OF THE DOOR, DOORWAY OR CEILING LINE, UNLESS OTHERWISE INDICATED.

LEGEND

- CPT-1
- EF-1
- ETR-1
- LVT-1
- PFT-1
- RF-1
- SC-1
- SDT-1

GRAPHIC SCALE(S)

0 40' 80' 120'

SCALE: 1" = 40'-0"

PLAN NORTH

TRUE N

US Army Corps of Engineers ®

MARK	DESCRIPTION	DATE

File Path: Autodesk Docs://US PA_LDOW2002_USACE_MRAR Newtown Sq USARC Bldg 0200/LDOW2002-L3D.rvt

Plot Date: 7/10/2025 10:11:53 AM

ISSUE DATE: 11 JULY 2025
SOLICITATION NO.:
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SUBMITTED BY:
SIZE: ANSI D

US ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KY 40202

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777 Main St. Fort Worth, TX

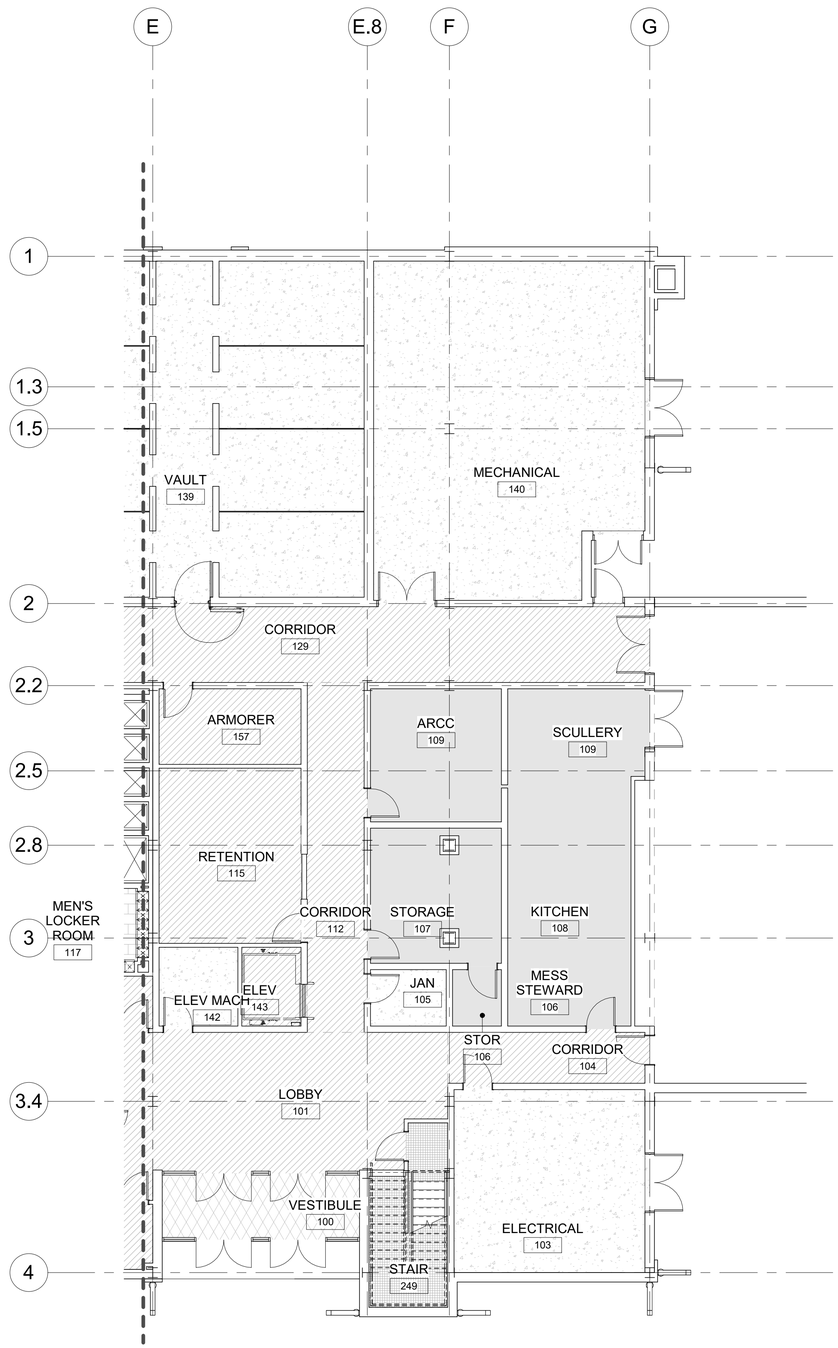
R&M NEWTOWN SQUARE (EDGEMONT), PA
US ARMY RESERVE CENTER (USARC)

PROPOSED PARTIAL FINISH PLAN - FLOOR 01 - AREA A

SHEET ID

IN103

CERTIFIED FINAL



A1 PROPOSED PARTIAL FINISH PLAN - FLOOR 01 - AREA B
SCALE 1/8" = 1'-0"

GENERAL SHEET NOTES

A. REFER TO SHEET I-601 FOR FINISH MATERIAL LEGEND AND ROOM FINISH SCHEDULE.
B. FIELD VERIFY ALL DIMENSIONS PRIOR TO ORDERING MATERIALS & FINISHES.
C. ALL TRANSITIONS MUST OCCUR AT THE CENTERLINE OF THE DOOR, DOORWAY OR CEILING LINE, UNLESS OTHERWISE INDICATED.

LEGEND

- CPT-1
- EF-1
- ETR-1
- LVT-1
- PFT-1
- RF-1
- SC-1
- SDT-1

GRAPHIC SCALE(S)

PLAN NORTH
TRUE N

0 40' 80' 120'
SCALE: 1" = 40'-0"

US Army Corps of Engineers ®

MARK	DESCRIPTION	DATE

File Path: Autodesk Docs://US PA_LDOW2502_USACE_MRAR Newtown Sq USARC Bldg 0200/LDOW2502-L3D.rvt

Plot Date: 7/10/2025 10:11:53 AM

ISSUE DATE: 11 JULY 2025
SOLICITATION NO.:
CONTRACT NO.:

DESIGNED BY: M. ABOVE
DRAWN BY: F. DODDS
CHECKED BY: J. BOCKSCHUTZ
SUBMITTED BY:
SIZE: ANSI D

US ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KY 40202

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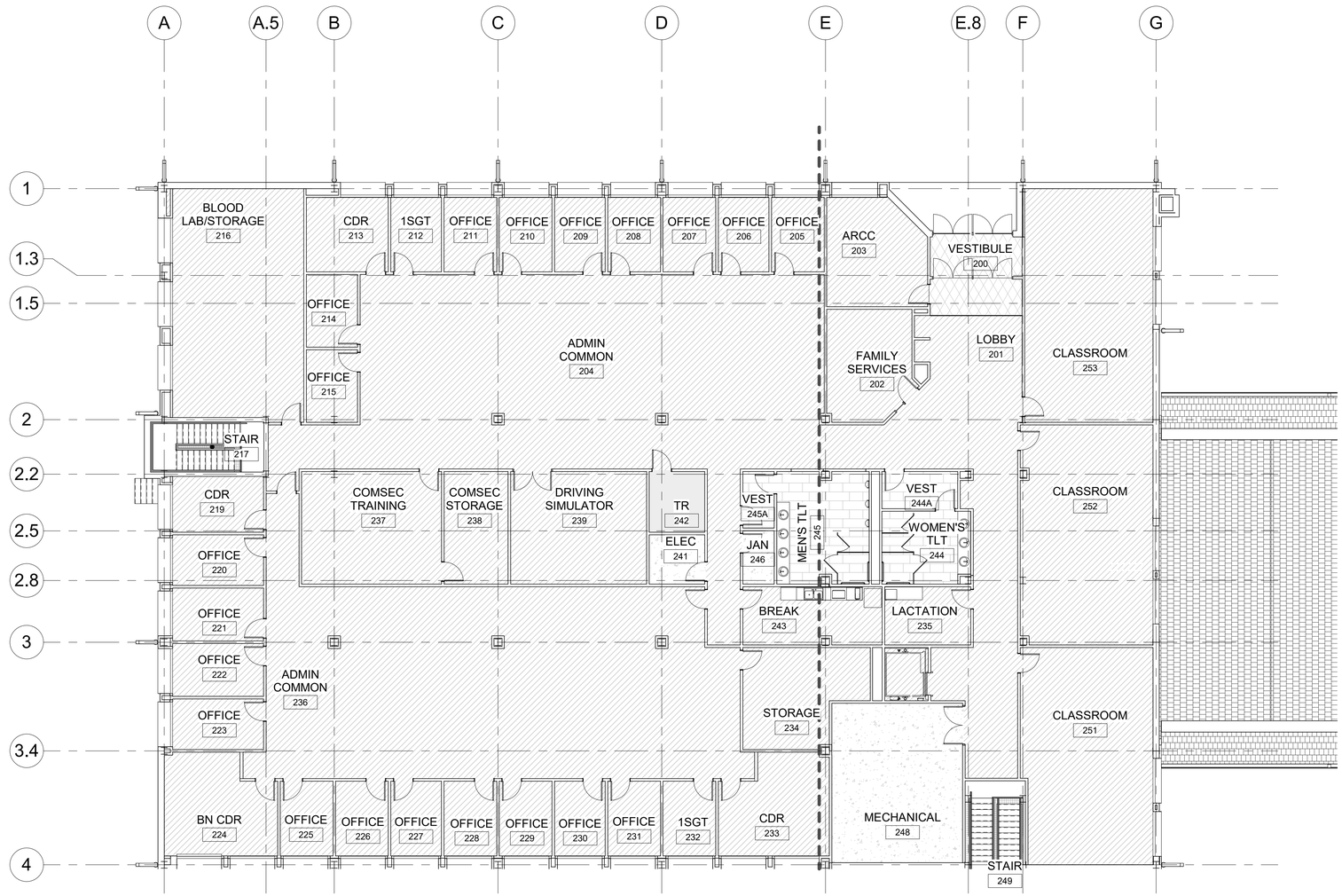
777 Main St. Fort Worth, TX

R&M NEWTOWN SQUARE (EDGEMONT) PA
US ARMY RESERVE CENTER (USARC)

PROPOSED PARTIAL FINISH PLAN - FLOOR 01 - AREA B

SHEET ID
IN104

CERTIFIED FINAL



A1 PROPOSED OVERALL FINISH PLAN - FLOOR 02
SCALE 3/32" = 1'-0"

GENERAL SHEET NOTES

A. REFER TO SHEET I-601 FOR FINISH MATERIAL LEGEND AND ROOM FINISH SCHEDULE.
B. FIELD VERIFY ALL DIMENSIONS PRIOR TO ORDERING MATERIALS & FINISHES.
C. ALL TRANSITIONS MUST OCCUR AT THE CENTERLINE OF THE DOOR, DOORWAY OR CEILING LINE, UNLESS OTHERWISE INDICATED.

LEGEND

- CPT-1
- EF-1
- ETR-1
- LVT-1
- PFT-1
- RF-1
- SC-1
- SDT-1

GRAPHIC SCALE(S)

0 40' 80' 120'
SCALE: 1" = 40'-0"

PLAN NORTH
TRUE N

US Army Corps of Engineers ®

MARK	DESCRIPTION	DATE

File Path: Autodesk Docs://US PA_LDOW2302_USACE_MRAR Newtown Sq USARC Bldg 0200/LDOW2302-L3D.rvt

Plot Date: 7/10/2025 10:11:54 AM

DESIGNED BY: M. ABOVE
DRAWN BY: F. DODDS
CHECKED BY: J. BOCHSCHUTZ
SUBMITTED BY:
SIZE: ANSI D
ISSUE DATE: 11 JULY 2025
SOLICITATION NO.:
CONTRACT NO.:

US ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KY 40202

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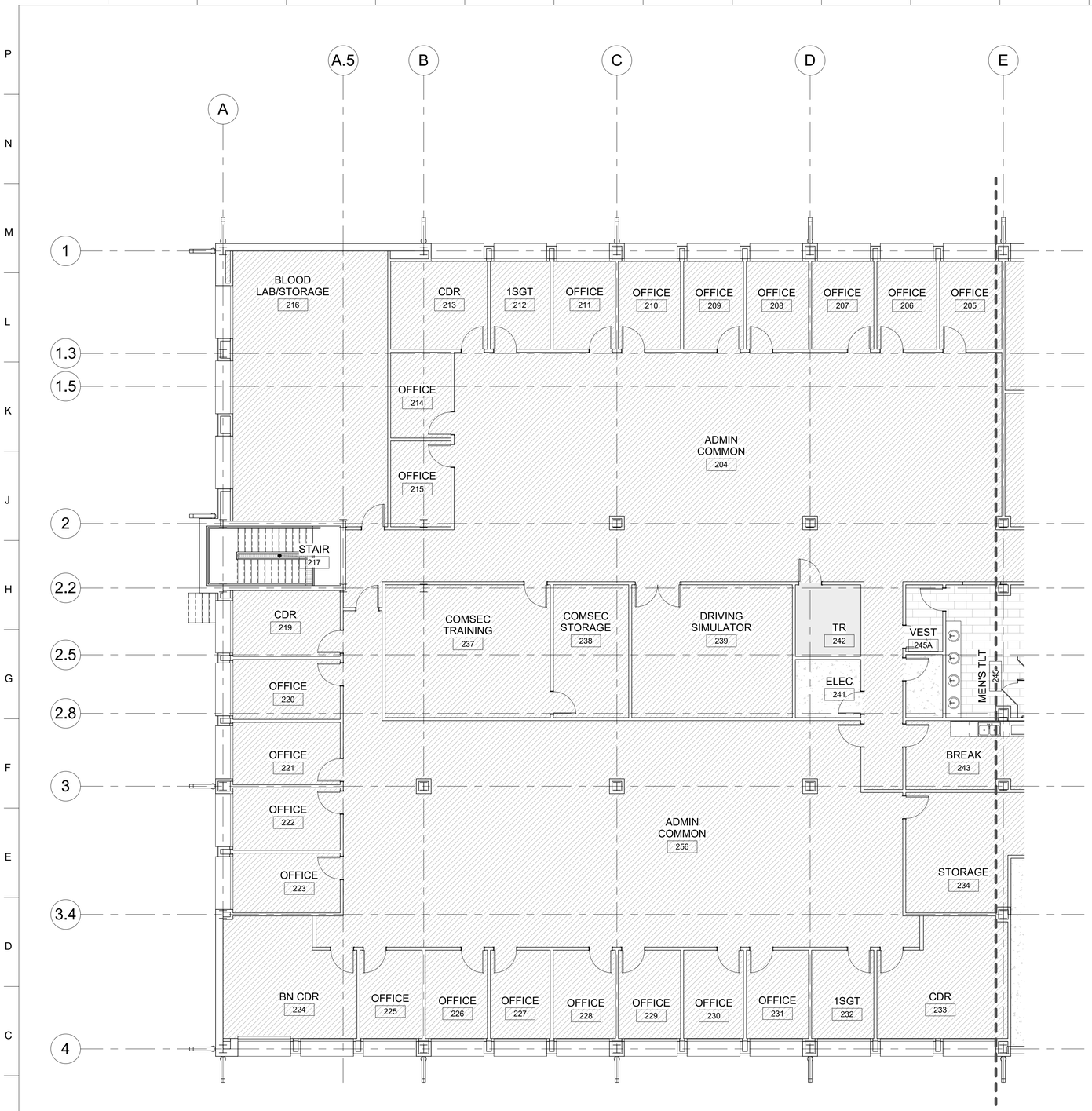
777 Main St. Fort Worth, TX

R&M NEWTOWN SQUARE (EDGEMONT), PA
US ARMY RESERVE CENTER (USARC)

ROPOSED OVERALL FINISH PLAN - FLOOR 02

SHEET ID
IN105

CERTIFIED FINAL



A1 PROPOSED PARTIAL FINISH PLAN - FLOOR 02 - AREA A
SCALE 1/8" = 1'-0"

GENERAL SHEET NOTES

A. REFER TO SHEET I-601 FOR FINISH MATERIAL LEGEND AND ROOM FINISH SCHEDULE.
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LEGEND

- CPT-1
- EF-1
- ETR-1
- LVT-1
- PFT-1
- RF-1
- SC-1
- SDT-1

GRAPHIC SCALE(S)

0 40' 80' 120'
SCALE: 1" = 40'-0"

PLAN NORTH
TRUE N

US Army Corps of Engineers ®

MARK	DESCRIPTION	DATE

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Plot Date: 7/10/2025 10:11:55 AM

ISSUE DATE: 11 JULY 2025
SOLICITATION NO.:
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DRAWN BY: F. DODDS
CHECKED BY: J. BORNSCHEUTZ
SUBMITTED BY:
SIZE: ANSI D

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LOUISVILLE DISTRICT
LOUISVILLE, KY 40202

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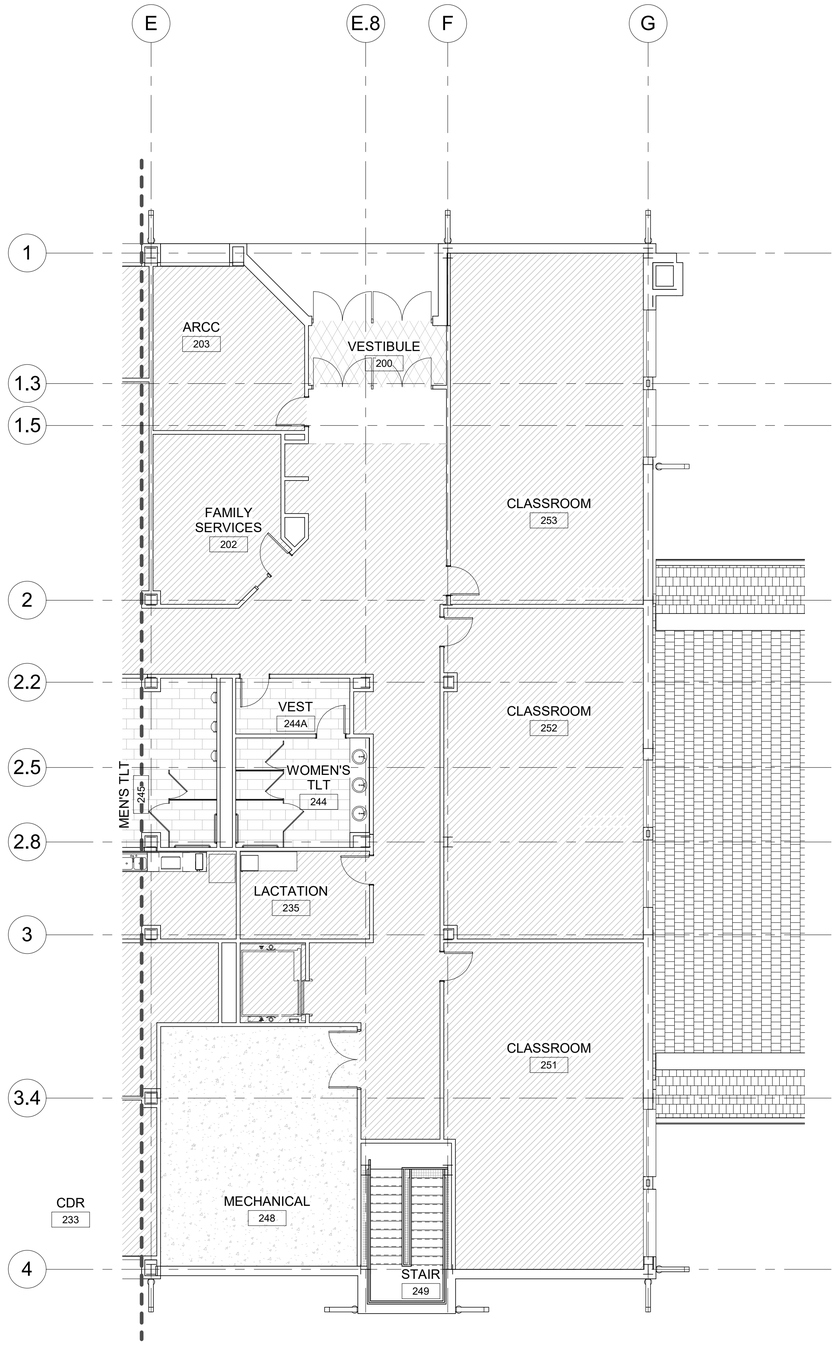
777 Main St. Fort Worth, TX

R&M NEWTOWN SQUARE (EDGEMONT), PA
US ARMY RESERVE CENTER (USARC)

PROPOSED PARTIAL FINISH PLAN - FLOOR 02 - AREA A

SHEET ID
IN106

CERTIFIED FINAL



A1 PROPOSED PARTIAL FINISH PLAN - FLOOR 02 - AREA B

SCALE 1/8" = 1'-0"

GENERAL SHEET NOTES

A. REFER TO SHEET I-601 FOR FINISH MATERIAL LEGEND AND ROOM FINISH SCHEDULE.
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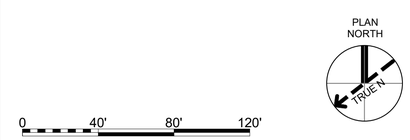
LEGEND

- CPT-1
- EF-1
- ETR-1
- LVT-1
- PFT-1
- RF-1
- SC-1
- SDT-1

GRAPHIC SCALE(S)



SCALE: 1" = 40'-0"

US Army Corps of Engineers ®

MARK	DESCRIPTION	DATE

File Path: Autodesk Docs://US PA_LDOW2502_USACE_MRAR Newtown Sq USARC Bldg 0200/LDOW2502-L3D.rvt

Plot Date: 7/10/2025 10:11:56 AM

ISSUE DATE: 11 JULY 2025
SOLICITATION NO.:
CONTRACT NO.:

DESIGNED BY: M. ABOVE
DRAWN BY: F. DODDS
CHECKED BY: J. LOGSDON/J. HUTZ
SUBMITTED BY:
SIZE: ANSI D

US ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KY 40202

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Texas Registered Engineering Firm F-2966
777 Main St. Fort Worth, TX

R&M NEWTOWN SQUARE (EDGEMONT), PA
US ARMY RESERVE CENTER (USARC)

PARTIAL SECOND FLOOR FINISH PLAN - AREA B

SHEET ID

IN107

CERTIFIED FINAL

ROOM FINISH SCHEDULE

ROOM	NAME	FLOOR FINISH	BASE FINISH	WALL FINISH NORTH	EAST	SOUTH	WEST
100	VESTIBULE	EF-1	RB-1	PT-1	PT-1	PT-1	PT-1
101	LOBBY	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
103	ELECTRICAL	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1
104	CORRIDOR	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
105	JAN	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1
106	MESS STEWARD	ETR-1	RB-1	PT-1	PT-1	PT-1	PT-1
106	STOR	ETR-1	RB-1	PT-1	PT-1	PT-1	PT-1
107	STORAGE	ETR-1	RB-1	PT-1	PT-1	PT-1	PT-1
108	KITCHEN	ETR-1	RB-1	PT-1	PT-1	PT-1	PT-1
109	ARCC	ETR-1	RB-1	PT-1	PT-1	PT-1	PT-1
109	SCULLERY	ETR-1	RB-1	PT-1	PT-1	PT-1	PT-1
112	CORRIDOR	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
115	RETENTION	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
116	MEN'S TLT.	PFT-1	TS-1	PWT-1	PWT-1	PWT-1	PWT-1
116A	VEST.	PFT-1	TS-1	PWT-1	PWT-1	PWT-1	PWT-1
117	MEN'S LOCKER ROOM	PFT-1	TS-1	PT-1	PT-1	PT-1	PT-1
118	STORAGE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
119	TR	SDT-1	RB-1	PT-1	PT-1	PT-1	PT-1
119A	MAIL ROOM	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
120	JAN.	SC-1	RB-1	RWP-1	RWP-1	RWP-1	RWP-1
121	WOMENS TLT.	PFT-1	TS-1	PWT-1	PWT-1	PWT-1	PWT-1
121A	VEST.	PFT-1	TS-1	PWT-1	PWT-1	PWT-1	PWT-1
122	WOMEN'S LOCKER ROOM	PFT-1	TS-1	PWT-1	PWT-1	PWT-1	PWT-1
123	LAN OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
124	ADMIN. COMMON	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
125	WAREHOUSING/ DIST. SUPPLY	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1
126	RECEIVING	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1
127	PACKAGING/SHIPPING	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1
129	CORRIDOR	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
130	BIOMEDICAL LAB	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
131	MACHINE SHOP	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
132	PARTS/EQUIP. STORAGE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
133	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
134	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
135	GRINDING ROOM	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
136	FINISHING ROOM	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
137	OPTICS LAB	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
138	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
139	VAULT	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1
140	MECHANICAL	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1
142	ELEV MACH	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1
143	ELEV	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
157	ARMORER	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
200	VESTIBULE	EF-1	TS-1	PWT-1	PWT-1	PWT-1	PWT-1
201	LOBBY	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
202	FAMILY SERVICES	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
203	ARCC	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
204	ADMIN COMMON	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
205	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
206	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
207	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
208	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
209	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
210	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
211	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
212	1SGT	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
213	CDR	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
214	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
215	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
216	BLOOD LAB/STORAGE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
217	STAIR	RF-1	RB-1	PT-1	PT-1	PT-1	PT-1
219	CDR	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
220	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
221	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
222	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
223	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
224	BN CDR	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
225	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1

ROOM FINISH SCHEDULE

ROOM	NAME	FLOOR FINISH	BASE FINISH	WALL FINISH NORTH	EAST	SOUTH	WEST
226	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
227	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
228	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
229	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
230	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
231	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
232	1SGT	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
233	CDR	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
234	STORAGE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
235	LACTATION	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
236	ADMIN COMMON	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
237	COMSEC TRAINING	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
238	COMSEC STORAGE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
239	DRIVING SIMULATOR	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
241	ELEC	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1
242	TR	SDT-1	RB-1	PT-1	PT-1	PT-1	PT-1
243	BREAK	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
244	WOMEN'S TLT	PFT-1	TS-1	PWT-1	PWT-1	PWT-1	PWT-1
244A	VEST	PFT-1	TS-1	PWT-1	PWT-1	PWT-1	PWT-1
245	MEN'S TLT	PFT-1	TS-1	PWT-1	PWT-1	PWT-1	PWT-1
245A	VEST	PFT-1	TS-1	PWT-1	PWT-1	PWT-1	PWT-1
246	JAN	SC-1					
248	MECHANICAL	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1
249	STAIR	RF-1	RB-1	PT-1	PT-1	PT-1	PT-1
251	CLASSROOM	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
252	CLASSROOM	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
253	CLASSROOM	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
256	ADMIN COMMON	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
257	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
258	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
259	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1
X	MEN'S SHOWER	PFT-1	TS-1	PWT-1	PWT-1	PWT-1	PWT-1
X	WOMEN'S SHOWER	PFT-1	TS-1	PWT-1	PWT-1	PWT-1	PWT-1

FINISH LEGEND

ITEM CODE	DESCRIPTION
FLOORING	
CPT-1	CARPET TILE
EF-1	ENTRANCE FLOORING
LVT-1	LUXURY VINYL TILE
PFT-1	PORCELAIN FLOOR TILE
RF-1	RUBBER FLOORING
SC-1	SEALED CONCRETE
SDT-1	STATIC DISSIPATIVE TILE
BASE	
RB-1	RUBBER BASE
TS-1	PORCELAIN TILE BASE
WALLS	
PT-1	FIELD PAINT
PT-2	ACCENT PAINT
PT-3	ACCENT PAINT
PWT-1	PORCELAIN WALL TILE
RWP-1	RIGID WALL PANELING
CEILINGS	
ACT-1	ACOUSTIC CEILING TILE
GYP-1	GYPSUM CEILING
OTS-1	OPEN TO STRUCTURE
MISCELLANEOUS	
CG-1	CORNER GUARD
GR-1	GROUT
SS-1	SOLID SURFACE MATERIAL
TP-1	TOILET PARTITION
WS-1	WINDOW SHADE

US Army Corps of Engineers ®

MARK	DESCRIPTION	DATE

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Plot Date: 7/10/2025 10:12:01 AM

ISSUE DATE: 11 JULY 2025
SOLICITATION NO.:
CONTRACT NO.:

DESIGNED BY: M. ABOVE
DRAWN BY: F. DODDS
CHECKED BY: J. LOPEZ-HUTZ
SUBMITTED BY:
SIZE: ANSI D

US ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KY 40202

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777 Main St. Fort Worth, TX

R&M NEWTOWN SQUARE (EDGEMONT), PA
US ARMY RESERVE CENTER (USARC)

ROOM FINISH SCHEDULE / FINISH MATERIAL LEGEND

SHEET ID

I-601

CERTIFIED FINAL