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ADDENDUM 1

ADDENDUM DATE: June 29, 2023

- PROJECT: Northwest Human Services Center 215 Balfour Drive Archdale, NC 27263
- OWNER: Randolph County 725 McDowell Road Asheboro, NC 27205
- ARCHITECT: Smith Sinnett Architecture, P.A. 4600 Lake Boone Trail, Suite 205 Raleigh, North Carolina 27607
- BIDS DUE: July 18, 2023 at 2:00pm Meeting Room A 725 McDowell Road Asheboro, NC 27205

<u>Please note, Project Documents, Addenda, and Contractors list are available at www.smithsinnett.com</u> <u>under the 'Documents' icon on the navigation bar.</u>

Among other items, this Addendum addresses issues raised in the Pre-Bid Meeting held on June 28, 2023 at 10:00 a.m. Pre-Bid Agenda notes and Sign In sheet of those that attended are attached.

This Addendum shall be included in the contract for the above referenced project. All General, Supplementary and Special Conditions, etc., as originally specified or as modified below shall apply to these items.

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CLARIFICATIONS

- 1. **REVISION:** PreBid Agenda VIII.2: Last day for questions will be Tuesday, July 11 at 5:00 pm. The last addendum is scheduled to be issued Thursday, July 13, unless otherwise needed.
- CLARIFICATION: This project is located in Archdale, NC. The city is located in Randolph County. Inspections will be done by Randolph County Inspection Department. The GC will need to reach out to Randolph County Inspection Department for the permit fee cost.
- 3. CLARIFICATION: Tags for TVs, markerboards, and tackboards are located on the finish plans.
- 4. CLARIFICATION: The owner is doing the data cabling. No allowance is in the project.
- 5. **CLARIFICATION:** Allowance 7 is included in the base bid and is to cover fire alarm for the upper and lower level.
- 6. **CLARIFICATION:** The lower level will have some work required to complete the base bid. Refer to MEP drawings.
- 7. CLARIFICATION: As part of final interior cleaning, the inside of all windows are to be washed.
- 8. **CLARIFICATION:** Walls with existing wallpaper are to have the wallpaper removed and the wall finished with level 5 finish.

SPECIFICATIONS

1. **REVISION:** Section 096513 reissued.

ARCHITECTURAL - DRAWINGS

- 2. CLARIFICATION: A7-01 Stairwell floor finish replacement includes replacing existing rubber treads.
- 3. CLARIFICATION: A9-13 Stairwell floor finish replacement includes replacing existing rubber treads.
- 4. REVISION: A9-20 Parking stops added at existing retaining wall.

End of Addendum 1

Attached:

Pre-Bid Meeting Agenda (4 pages) Pre-Bid Meeting Sign-In Sheet (1 page) Sheets A7-01, A9-13, A9-20 Specification Section 096513

Northwest Human Services Center

Pre Bid Meeting

215 Balfour Drive, Archdale NC

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Smith Sinnett Architecture, P.A.

Please write legibly			9	
Name	Company	Email address	Phone Number	1
Joe, Steek	Laughling Satter	isteple@langhlinsetta	3:6-207~1/1, 1.com	r
Page Klutt Z	Hadgir Centuch	pageshodgin construction	3/0-796-511/00	
JOSH HARRIS	ENVISION	SHARRISE ENVISION, COM	336. 467.8944	
Travis Langley	Lomax Construction	mharvell@lomaxconstruction.com	336-992-7000	
Kyle Upchurch	HM Kem	5 Kepley @ hmKern.com	336-668-3213	
JAKO LOHITO	GARANCO	JAKO. UDHITO CARAK	20 336.368.2	780
SANNAGO GIRALDO	BAR CONSTRUCTION	Bibs Barcon STRUEMON. Cury	3362742477	
Leanne Byrd	55A			
Robert Carmac	SSA			
Parton Arthurs	Roundelph Canty			
Craig Pritchard	RC Pritchard Engineering			
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Date: June 28, 2023

June 28, 2023 at 10:00 a.m.

NORTHWEST HUMAN SERVICES CENTER

Location:	Northwest Human Services Center 215 Balfour Drive Archdale, NC 27263
Owner:	Randolph County 725 McDowell Rd. Asheboro, NC 27205
Architect:	Smith Sinnett Architecture, P.A. 4600 Lake Boone Trail, Suite 205 Raleigh, NC 27607 Phone: (919) 781-8582

On behalf of the Owner and Smith Sinnett Architecture, we would like to thank you for your interest and attendance at this Pre-Bid Conference.

I

Bid:

Sealed Bids from Single Prime Contractors will be received and publicly opened at:

2:00 p.m. on Tuesday, July 18, 2023 Meeting Room A Randolph County Office Building 725 McDowell Rd. Asheboro, NC 27205

II Bid Day Documents:

- 1. Proposal Form Pages 1 through 6.
- 2. Minority Business Participation Form and/or Affidavit.
 - a. Identification of HUB Certified / Minority Business Participation Form Required.
 - i. Name on Form must be the exact name as provided to the NC Office for HUB.
 - b. Affidavit A or Affidavit B.
- 3. Bid Bond (5%) or Certified Check (5%)
- 4. The County is requiring the use of a 2-envelope system for all bids. The first envelope should include the "Bid Guarantee" (copy of the bid bond), marked as such, and attached to the sealed envelope containing the bidder's proposal. The second bid envelope should be sealed, marked as "BID PROPOSAL" with the following information listed on the outside of the envelope:
 - a. Bidder's Name and Address
 - b. North Carolina Contractor's License Number
 - c. Name of Project
- 5. If awarded the Contract, the Bidder must provide an executed Performance Bond and Payment Bond for 100% of the Contract.
- 6. Certificates of Insurance and matching endorsement must meet the requirements indicated in the Specifications.
- 7. Acknowledgement of Addendums, Allowances, and Include Unit Prices
- 8. E-Verify Affidavit
- 9. Any bids that have qualifying notes or comments will be rejected.
- III Bid Opening:



I. FOI mailed blus:	1.	For mailed bids:
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- a. It's the contractor's responsibility to ensure the bid arrives prior to the bid opening time. If you wish to send your bid via US Mail, FedEx or UPS, please allow several days for delivery since the bid must be received (NOT postmarked) by the date and time stated in the solicitation.
- b. Place the bid in a double envelope with "Sealed Bid Do Not Open" written on the envelope.
- c. Sealed envelope will be held and unsealed at the bid opening time.
- d. Project Name must be clearly marked on the outside of the sealed envelope.
- 2. For delivered bids:
 - a. The bid opening location is:

Meeting Room A Randolph County Office Building 725 McDowell Rd. Asheboro, NC 27205

b. Plan to arrive min. 30 minutes in advance of the bid opening to allow time to locate the bid opening location and to find parking.

- IV Schedule:
 - 1. No bid may be withdrawn after the scheduled closing time for the receipt of bids for a period of 60 days.
 - 2. Supplementary General Conditions:
 - a. Date of substantial completion: **365 consecutive calendar days** from anticipated Notice to Proceed.
 - 3. The intent is for the Randolph County Board of Commissioners to vote to approve at meeting on August 7, 2023
- V Liquidated Damages:
 - 1. Supplementary General Conditions:
 - a. **\$250.00 each calendar day** in excess of the stated completion time.
- VI Examination of Bid Documents:
 - All Bidders are expected to fully examine and familiarize themselves with the Drawings, Specifications and Existing Conditions. All Bidders should read the scopes of the bid package. Any questions or clarifications should be directed to the Architect. No allowances will be made after the bids are received for any oversight due to failure to examine the documents.
- VII Substitutions:
 - 1. Substitutions or approvals of "Equals" will only be accepted if approved by the Architect in writing at least 10 days prior to the receipt of bids.
 - a. Request for substitutions will be received until Thursday, July 06, at 5pm.
- VIII Technical Questions:
 - Technical questions shall be submitted to Architect as soon as possible by email or phone. <u>lbyrd@smithsinnett.com</u> (919) 781-8582
 - Last day for Questions will be Monday, July 10, at 5pm.
 The Last Addendum is scheduled to be issued Wednesday, July 12, unless otherwise needed.
- IX Construction Documents:
 - 1. Construction Documents may be ordered from:



June 28, 2023 at 10:00 a.m.

Smith Sinnett Architecture 4600 Lake Boone Trail, Suite 205 Raleigh, NC 27607 919-781-8582

2. Electronic Copies of the Plans and Specifications are available upon request and with a completed Plan Request Form found at <u>www.smithsinnett.com</u> under the Documents Tab.

X Addenda:

- 1. Addenda will be emailed to everyone on the Architect's plan holders list that has requested access to the Construction Documents
- 2. Addenda can also be downloaded from: www.smithsinnett.com under the Documents Tab.
- 3. An addendum will be issued to address any questions raised today.
- 4. All Addenda will be issued by email. Verify that email security will allow emails from https://www.lbyrd@smithsinnett.com.

XI Bidders List:

1. Bidders List can be downloaded from <u>www.smithsinnett.com</u> under the Documents Tab.

XII Project Specifics:

1. Base Bid

2. Alternates:

- a. Alternate 1 Owner Preferred Manufacturer
- b. Alternate 2 Lower Level Renovation
- c. Alternate 3 Parking Lot Seal Coating and Striping
- 3. Allowances:
 - a. Allowance No. UP-1 Undercut/Replacement in Trenches i. Quantity: 15 cu. yds
 - b. Allowance No. UP-2 Utility Trench Rock Excavation/Replacement i. Quantity: 10 cu. yds.
 - c. Allowance No. UP-3 Topical Moisture Vapor Mitigation System i. Quantity: 7,500 sqft.
 - d. Allowance No. UP-4 Abrasive Blast Floor Preparation
 - i. Quantity: 7,500 sqft
 - e. Allowance No. UP-5 Floor Leveling Compound
 - i. Quantity: 4,000 sqft
 - f. Allowance No. 6 Roof Patching
 - i. Lump Sum: \$12,000
 - g. Allowance No. 7 Fire Alarm System
 - i. Lump Sum: \$60,000
 - h. Allowance No. 8 Contingency
 - i. Lump Sum: \$75,000
- 4. Unit Prices
 - a. Unit Price No. UP-1 Undercut/Replacement in Trenches
 - b. Unit Price No. UP-2 Utility Trench Rock Excavation/Replacement
 - c. Unit Price No. UP-3 Topical Moisture Vapor Mitigation System
 - d. Unit Price No. UP-4 Abrasive Blast Floor Preparation
 - e. Unit Price No. UP-5 Floor Leveling Compound

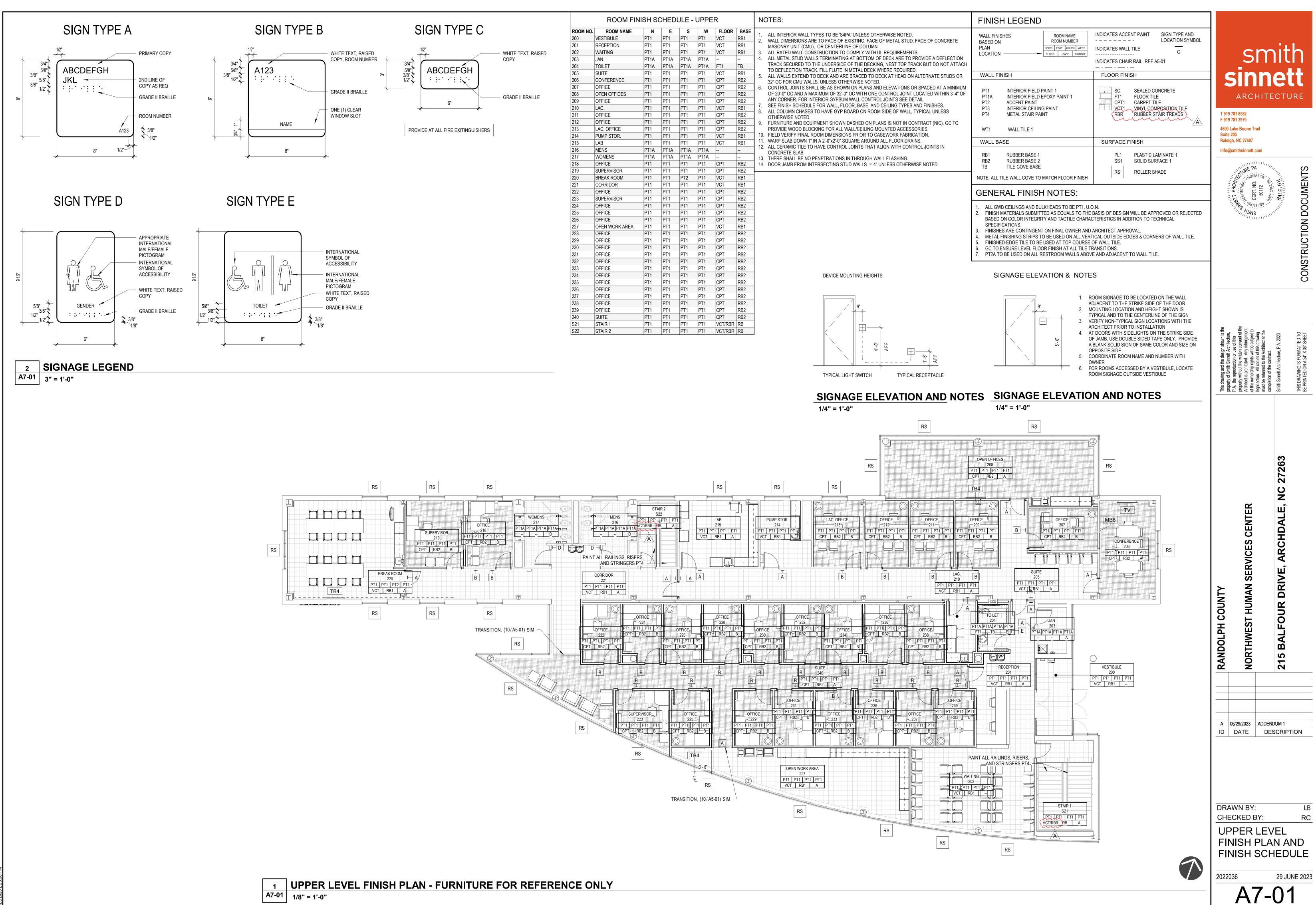


June 28, 2023 at 10:00 a.m.

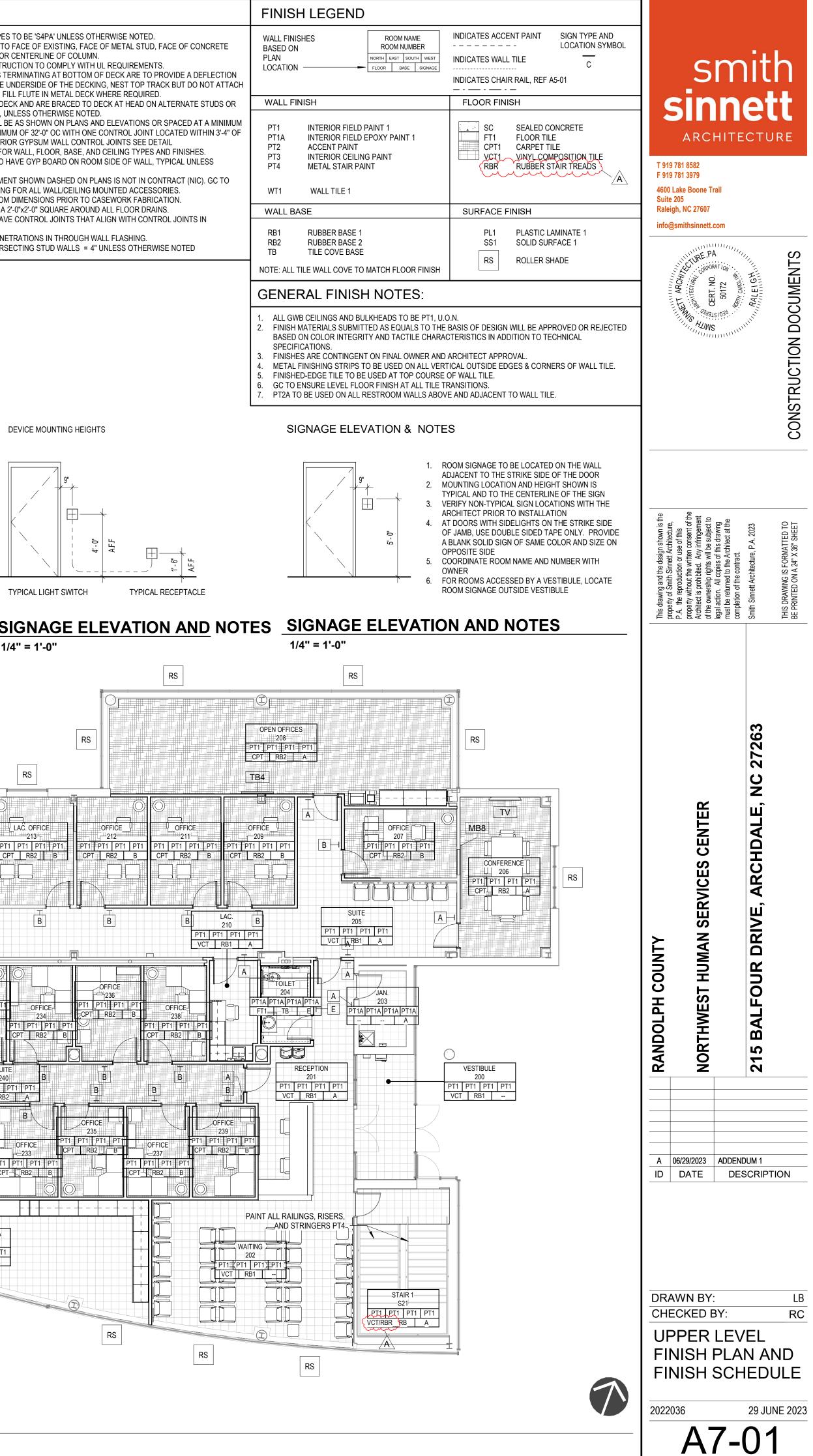
XIII	Open Meeting for Preferred Alternates:				
	1. Owner Preferred Manufacturer:				
	a. Door Hardware Locks and Latches: Manufacturer – Schlage				
XIV	Description of Project Scope:				

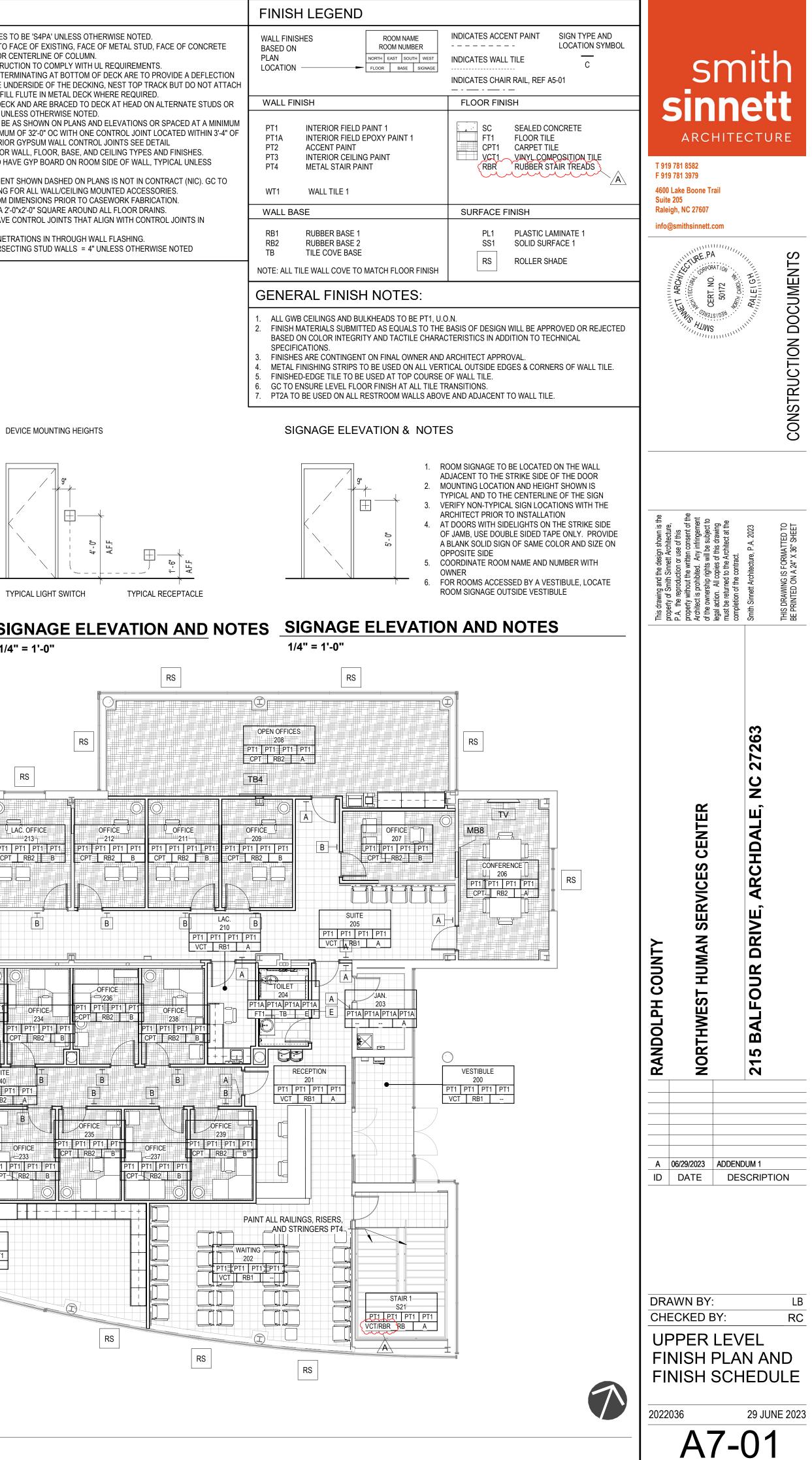
The project consists of approximately 8,630 SF base bid building renovation on the second floor. The first floor renovation is included in Alternate 2 and is approximately 6,730 SF. The total building is approximately 15,360 SF. The renovation will consist of new metal stud and gypsum walls, new carpet tile, ceramic tile, and vinyl composition tile flooring, new ceiling tile/grid, new interior door frames and hardware, and new casework. The renovation includes partial plumbing, mechanical, and electrical system replacement. Alternate 3 includes site work to reseal and paint the parking areas. The project includes all other work as shown, indicated, or reasonably implied on the drawings and/or specifications for a complete, first-class job.



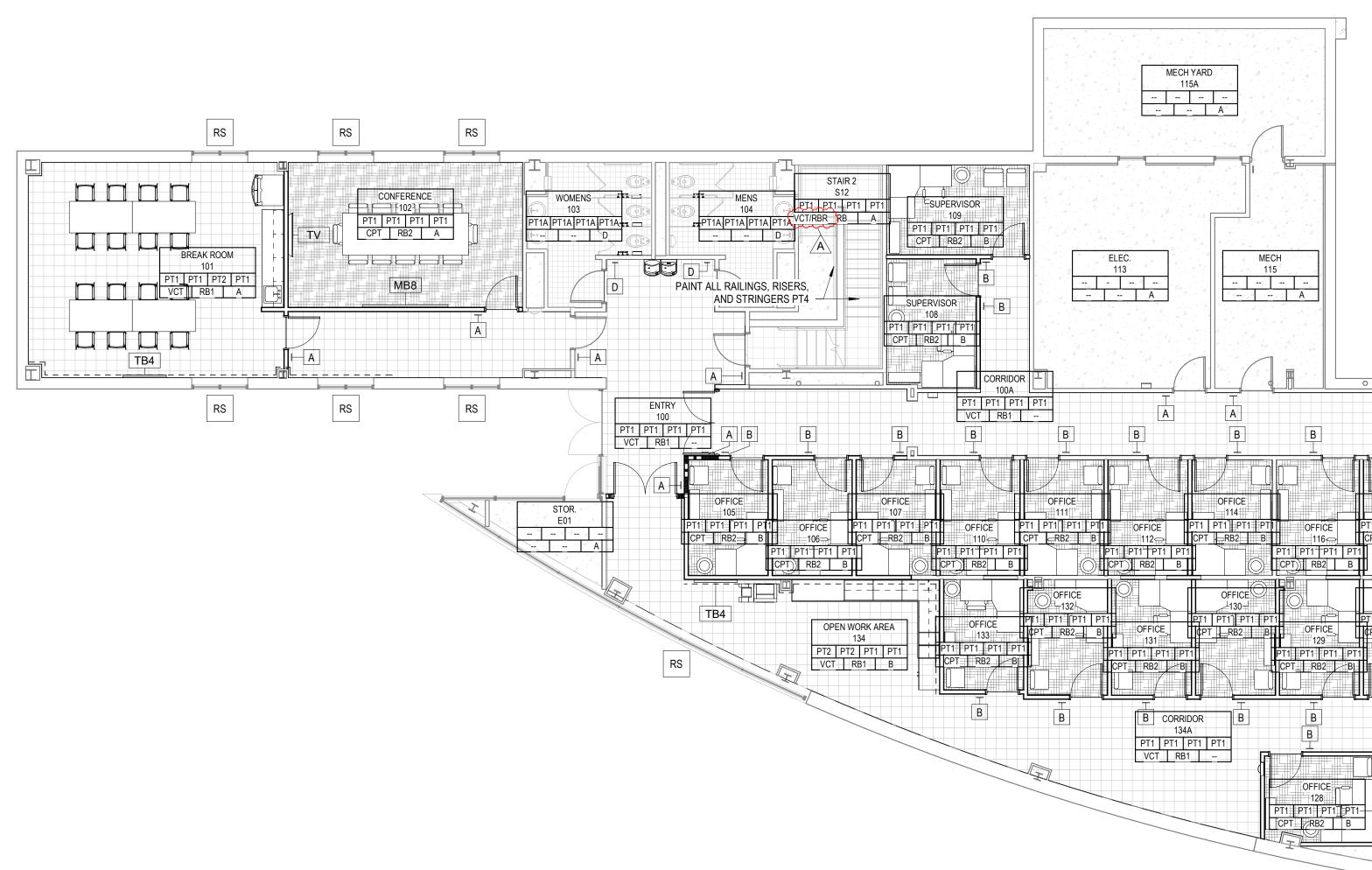


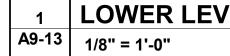
ROOM NO.	ROOM NAME	N	E	S	W	FLOOR	BASE
200	VESTIBULE	PT1	PT1	PT1	PT1	VCT	RB1
201	RECEPTION	PT1	PT1	PT1	PT1	VCT	RB1
202	WAITING	PT1	PT1	PT1	PT1	VCT	RB1
203	JAN.	PT1A	PT1A	PT1A	PT1A		
204	TOILET	PT1A	PT1A	PT1A	PT1A	FT1	ТВ
205	SUITE	PT1	PT1	PT1	PT1	VCT	RB1
206	CONFERENCE	PT1	PT1	PT1	PT1	CPT	RB2
207	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
208	OPEN OFFICES	PT1	PT1	PT1	PT1	CPT	RB2
209	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
210	LAC.	PT1	PT1	PT1	PT1	VCT	RB1
211	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
212	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
213	LAC. OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
214	PUMP STOR.	PT1	PT1	PT1	PT1	VCT	RB1
215	LAB	PT1	PT1	PT1	PT1	VCT	RB1
216	MENS	PT1A	PT1A	PT1A	PT1A		
217	WOMENS	PT1A	PT1A	PT1A	PT1A		
218	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
219	SUPERVISOR	PT1	PT1	PT1	PT1	CPT	RB2
220	BREAK ROOM	PT1	PT1	PT2	PT1	VCT	RB1
221	CORRIDOR	PT1	PT1	PT1	PT1	VCT	RB1
222	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
223	SUPERVISOR	PT1	PT1	PT1	PT1	CPT	RB2
224	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
225	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
226	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
227	OPEN WORK AREA	PT1	PT1	PT1	PT1	VCT	RB1
228	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
229	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
230	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
231	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
232	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
233	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
234	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
235	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
236	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
237	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
238	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
239	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
240	SUITE	PT1	PT1	PT1	PT1	CPT	RB2
S21	STAIR 1	PT1	PT1	PT1	PT1	VCT/RBR	RB
S22	STAIR 2	PT1	PT1	PT1	PT1	VCT/RBR	RB





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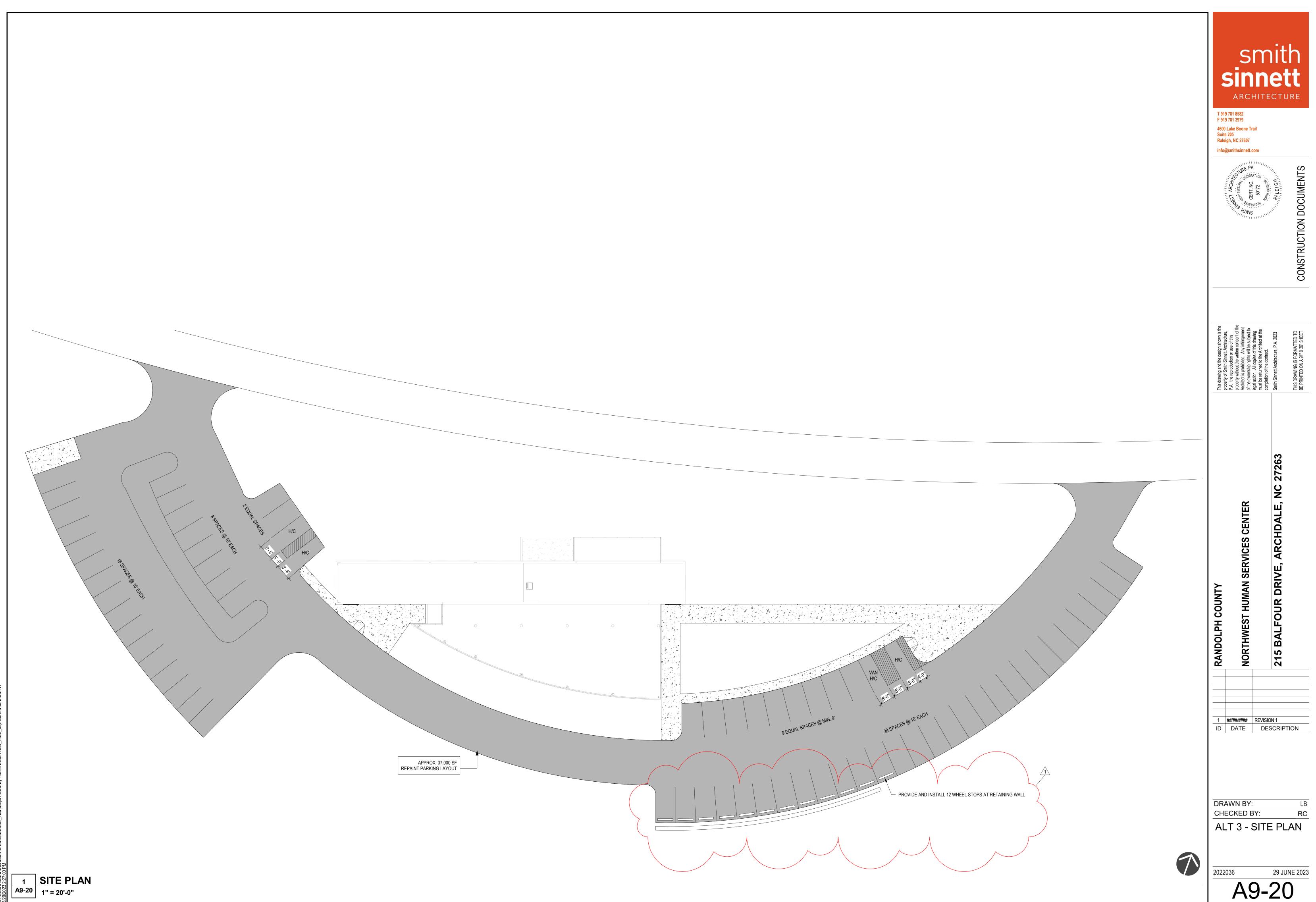
ROOM NO.	ROOM NAME	N	E	S	W	FLOOR	BASE
100	ENTRY	PT1	PT1	PT1	PT1	VCT	RB1
100A	CORRIDOR	PT1	PT1	PT1	PT1	VCT	RB1
101	BREAK ROOM	PT1	PT1	PT2	PT1	VCT	RB1
102	CONFERENCE	PT1	PT1	PT1	PT1	CPT	RB2
103	WOMENS	PT1A	PT1A	PT1A	PT1A		
104	MENS	PT1A	PT1A	PT1A	PT1A		
105	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
106	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
107	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
108	SUPERVISOR	PT1	PT1	PT1	PT1	CPT	RB2
109	SUPERVISOR	PT1	PT1	PT1	PT1	CPT	RB2
110	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
111	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
112	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
113	ELEC.		-				
114	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
115	MECH						
115A	MECH YARD						
116	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
117	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
118	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
119	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
120	JAN.	PT1A	PT1A	PT1A	PT1A		
121	STOR.	PT1	PT1	PT1	PT1		
122	SUPERVISOR	PT1	PT1	PT1	PT1	CPT	RB2
123	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
124	SUPERVISOR	PT1	PT1	PT1	PT1	CPT	RB2
125	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
126	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
127	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
128	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
129	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
130	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
131	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
132	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
133	OFFICE	PT1	PT1	PT1	PT1	CPT	RB2
134	OPEN WORK AREA	PT2	PT2	PT1	PT1	VCT	RB1
134A	CORRIDOR	PT1	PT1	PT1	PT1	VCT	RB1
E01	STOR.						
S11	STAIR 1	PT1	PT1	PT1	PT1	VCT/RBR	RB
S12	STAIR 2	PT1	PT1	PT1	PT1	VCT/RBR	RB

NOTES:

- ALL INTERIOR WALL TYPES TO BE 'S4PA' UNLESS OTHERWISE NOT
 WALL DIMENSIONS ARE TO FACE OF EXISTING, FACE OF METAL ST MASONRY UNIT (CMU), OR CENTERLINE OF COLUMN.
- ALL RATED WALL COŃSTRUCTION TO COMPLY WITH UL REQUIREM
 ALL METAL STUD WALLS TERMINATING AT BOTTOM OF DECK ARE TRACK SECURED TO THE UNDERSIDE OF THE DECKING, NEST TO TO DEFLECTION TRACK. FILL FLUTE IN METAL DECK WHERE REQU
 ALL WALLS EXTEND TO DECK AND ARE BRACED TO DECK AT HEAD
- ALL WALLS EXTEND TO DECK AND ARE BRACED TO DECK AT HEAL
 32" OC FOR CMU WALLS, UNLESS OTHERWISE NOTED.
 CONTROL JOINTS SHALL BE AS SHOWN ON PLANS AND ELEVATION
- OF 20'-0" OC AND A MAXIMUM OF 32'-0" OC WITH ONE CONTROL JO ANY CORNER. FOR INTERIOR GYPSUM WALL CONTROL JOINTS SE
 7. SEE FINISH SCHEDULE FOR WALL, FLOOR, BASE, AND CEILING TYI
 8. ALL COLUMN CHASES TO HAVE GYP BOARD ON ROOM SIDE OF W/ OTHERWISE NOTED.
- 9. FURNITURE AND EQUIPMENT SHOWN DASHED ON PLANS IS NOT IN PROVIDE WOOD BLOCKING FOR ALL WALL/CEILING MOUNTED ACC
- 10. FIELD VERIFY FINAL ROOM DIMENSIONS PRIOR TO CASEWORK FA 11. WARP SLAB DOWN 1" IN A 2'-0"x2'-0" SQUARE AROUND ALL FLOOR
- ALL CERAMIC TILE TO HAVE CONTROL JOINTS THAT ALIGN WITH C CONCRETE SLAB.
 THERE SLAB.
- THERE SHALL BE NO PENETRATIONS IN THROUGH WALL FLASHING
 DOOR JAMB FROM INTERSECTING STUD WALLS = 4" UNLESS OTH

LOWER LEVEL FINISH PLAN - FURNITURE FOR REFERENCE ONLY

	FINISH LEGEND		-	
OTED. STUD, FACE OF CONCRETE EMENTS. E TO PROVIDE A DEFLECTION OP TRACK BUT DO NOT ATTACH QUIRED. AD ON ALTERNATE STUDS OR	WALL FINISHES BASED ON PLAN LOCATION - FLOOR BASE SIGNAGE WALL FINISH	INDICATES ACCENT PAINT SIGN TYPE AND LOCATION SYMBOL INDICATES WALL TILE C INDICATES CHAIR RAIL, REF A5-01 FLOOR FINISH	Sr sinr	nith 1ett
ONS OR SPACED AT A MINIMUM JOINT LOCATED WITHIN 3'-4" OF SEE DETAIL YPES AND FINISHES. WALL, TYPICAL UNLESS	PT1INTERIOR FIELD PAINT 1PT1AINTERIOR FIELD EPOXY PAINT 1PT2ACCENT PAINTPT3INTERIOR CEILING PAINTPT4METAL STAIR PAINT	SC SEALED CONCRETE FT1 FLOOR TILE CPT1 CARPET TILE VCT1 VINYL COMPOSITION TILE RBR RUBBER STAIR TREADS		TECTURE
IN CONTRACT (NIC). GC TO CCESSORIES. FABRICATION. R DRAINS. CONTROL JOINTS IN	WT1 WALL TILE 1 WALL BASE	SURFACE FINISH	F 919 781 3979 4600 Lake Boone Trail Suite 205 Raleigh, NC 27607	
NG. THERWISE NOTED	RB1 RUBBER BASE 1 RB2 RUBBER BASE 2 TB TILE COVE BASE	PL1 PLASTIC LAMINATE 1 SS1 SOLID SURFACE 1 RS ROLLER SHADE	info@smithsinnett.com	
	 NOTE: ALL TILE WALL COVE TO MATCH FLOOR FINISH GENERAL FINISH NOTES: ALL GWB CEILINGS AND BULKHEADS TO BE PT1, U.C FINISH MATERIALS SUBMITTED AS EQUALS TO THE BASED ON COLOR INTEGRITY AND TACTILE CHARAC SPECIFICATIONS. FINISHES ARE CONTINGENT ON FINAL OWNER AND METAL FINISHING STRIPS TO BE USED ON ALL VERT FINISHED-EDGE TILE TO BE USED AT TOP COURSE GC TO ENSURE LEVEL FLOOR FINISH AT ALL TILE TO PT2A TO BE USED ON ALL RESTROOM WALLS ABOV 	BASIS OF DESIGN WILL BE APPROVED OR REJECTED CTERISTICS IN ADDITION TO TECHNICAL ARCHITECT APPROVAL. TICAL OUTSIDE EDGES & CORNERS OF WALL TILE. OF WALL TILE. TRANSITIONS.	PACKED AND AND AND AND AND AND AND AND AND AN	CONSTRUCTION DOCUMENTS
			This drawing and the design shown is the property of Smith Sinnett Architecture, P.A. the reproduction or use of this property without the written consent of the Architect is prohibited. Any infringement of the ownership rights will be subject to legal action. All copies of this drawing must be returned to the Architect at the	Smith Sinnett Architecture, P.A. 2023 Smith Sinnett Architecture, P.A. 2023 THIS DRAWING IS FORMATTED TO BE PRINTED ON A 24" X 36" SHEET
	O		RANDOLPH COUNTY NORTHWEST HUMAN SERVICES CENTER	215 BALFOUR DRIVE, ARCHDALE, NC 27263
	PAINT ALL RAILINGS, RISERS, AND STRINGERS PT4 B AVISOR B AVISOR SUPERVISOR 24 PT1 PT1 PT1 PT1 PT1 (PT1)		DRAWN BY: CHECKED BY: ALT 2 - LC LEVEL FIN	



SECTION 09 65 13 - RESILIENT BASE AND ACCESSORIES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section Includes:

- 1. Resilient base and accessories.
- 2. Resilient stair accessories.
- B. Related Sections:
 - 1. Division 09 Section "Resilient Tile Flooring" for VCT flooring.
 - 2. Division 09 Section "Tile Carpeting" for carpet floor tile.
 - 3. Division 09 for additional flooring sections.

1.3 SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Samples for Initial Selection: For each type of product indicated.

1.4 QUALITY ASSURANCE

A. Single-Source Responsibility for Products: Obtain each type and color of product specified from a single source with resources to provide products of consistent quality in appearance and physical properties without delaying progress of the Work.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Store resilient products and installation materials in dry spaces protected from the weather, with ambient temperatures maintained within range recommended by manufacturer, but not less than 50 deg F or more than 90 deg F.
- B. Deliver products to Project site in original manufacturer's unopened cartons and containers, each bearing names of product and manufacturer, Project identification, and shipping and handling instructions.
- C. Move products into spaces where they will be installed at least 48 hours in advance of installation.

1.6 PROJECT CONDITIONS

- A. Maintain ambient temperatures within range recommended by manufacturer, but not less than 70 deg F or more than 95 deg F, in spaces to receive resilient products during the following time periods:
 - 1. 48 hours before installation.
 - 2. During installation.
 - 3. 48 hours after installation.

Northwest Human Services Center

- B. Until Substantial Completion, maintain ambient temperatures within range recommended by manufacturer, but not less than 55 deg F or more than 95 deg F.
- C. Install resilient products after other finishing operations, including painting, have been completed.
- D. Do not install products until they are at the same temperature as that of the space where they are to be installed.
- E. Close spaces to traffic during installation of products specified in this Section.
- F. Sequencing and Scheduling: Sequence installing products specified in this Section with other construction to minimize possibility of damage and soiling during remainder of construction period.

1.7 EXTRA MATERIALS

- A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 - 1. Furnish not less than 10 linear feet for every fraction thereof, of each type, color, pattern, and size of resilient product installed.

PART 2 - PRODUCTS

2.1 RESILIENT BASE

- A. Rubber Base:
 - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. Armstrong World Industries, Inc.
 - b. Burke Mercer Flooring Products; Division of Burke Industries, Inc.
 - c. Flexco, Inc.
 - d. Johnsonite.
 - e. Roppe Corporation, USA.
 - f. VPI, LLC; Floor Products Division.
 - 2. Resilient Base Standard: ASTM F 1861.
 - 3. Material Requirement: Type TS (Thermoset Vulcanized Rubber).
 - 4. Manufacturing Method: Group I (solid, homogeneous).
 - 5. Style: Cove base with toe.
 - 6. Minimum Thickness: 0.125 inch.
 - 7. Height: RB-1 = 4"
 - 8. Lengths: Coils in manufacturer's standard length. (4' pieces are not acceptable)
 - 9. Outside Corners: Preformed.
 - 10. Inside Corners: Job formed or preformed.
 - 11. Finish: As selected by Architect from manufacturer's full range.
 - 12. Colors and Patterns: As selected by Architect from full range of industry colors.

2.2 RESILIENT STAIR ACCESSORIES

- A. Resilient Stair Treads:
 - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. Burke Mercer Flooring Products; Division of Burke Industries, Inc.
 - b. Flexco, Inc.
 - c. Johnsonite.
 - d. Roppe Corporation, USA.
 - e. VPI, LLC; Floor Products Division.

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- B. Resilient Stair Treads Standard: ASTM F 2169.
 - 1. Material Requirement: Type TP (rubber, thermoplastic).
 - 2. Surface Design:
 - a. Class 1, Smooth (flat).
 - b. Class 2, Pattern: Raised-disc design.
 - 3. Manufacturing Method: Group 2, tread with contrasting color for the visually impaired.
- C. Nosing Style: Round.
- D. Nosing Height: 2 inches.
- E. Thickness: 1/4 inch and tapered to back edge.
- F. Size: Lengths and depths to fit each stair tread in one piece or, for treads exceeding maximum lengths manufactured, in equal-length units.
- G. Risers: Smooth, flat, toeless, height and length to cover risers; produced by same manufacturer as treads and recommended by manufacturer for installation with treads.

1. Thickness: 0.125 inch.

- H. Stringers: Of same thickness as risers, height and length after cutting to fit risers and treads and to cover stair stringers; produced by same manufacturer as treads and recommended by manufacturer for installation with treads.
- I. Colors and Patterns: As selected by Architect from full range of industry colors.

2.3 RESILIENT MOLDING ACCESSORY

- A. Resilient Molding Accessory:
 - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. Burke Mercer Flooring Products; Division of Burke Industries, Inc.
 - b. Flexco, Inc.
 - c. Johnsonite.
 - d. Roppe Corporation, USA.
 - e. VPI, LLC; Floor Products Division.
- B. Description: Edge for glue-down applications, Reducer strip for resilient floor covering, Transition strips.
- C. Material: Rubber.
- D. Profile and Dimensions: As indicated.
- E. Colors and Patterns: As selected by Architect from full range of industry colors.

2.4 INSTALLATION MATERIALS

a.

- A. Trowelable Leveling and Patching Compounds: Latex-modified, portland cement based or blended hydraulic-cement-based formulation provided or approved by manufacturer for applications indicated.
- B. Adhesives: Water-resistant type recommended by manufacturer to suit resilient products and substrate conditions indicated.
 - 1. Use adhesives that comply with the following limits for VOC content when calculated according to 40 CFR 59, Subpart D (EPA Method 24):
 - Cove Base Adhesives: Not more than 50 g/L.
- C. Stair-Tread-Nose Filler: Two-part epoxy compound recommended by resilient tread manufacturer to fill nosing substrates that do not conform to tread contours.
- D. Metal Edge Strips: Extruded aluminum with mill finish of width shown, of height required to protect exposed edges of tiles, and in maximum available lengths to minimize running joints.
- E. Floor Polish: Provide protective liquid floor polish products as recommended by resilient stair tread manufacturer.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, with Installer present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.
- B. Verify that finishes of substrates comply with tolerances and other requirements specified in other Sections and that substrates are free of cracks, ridges, depressions, scale, and foreign deposits that might interfere with adhesion of resilient products.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Prepare substrates according to manufacturer's written instructions to ensure adhesion of resilient products.
- B. Concrete Substrates for Resilient Stair Treads and Accessories: Prepare according to ASTM F 710.
 - 1. Verify that substrates are dry and free of curing compounds, sealers, and hardeners.
 - 2. Remove substrate coatings and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, using mechanical methods recommended by manufacturer. Do not use solvents.
 - 3. Alkalinity and Adhesion Testing: Perform tests recommended by manufacturer.
 - 4. Moisture Testing: Perform tests recommended by manufacturer and as follows. Proceed with installation only after substrates pass testing.
 - a. Perform anhydrous calcium chloride test, ASTM F 1869. Proceed with installation only after substrates have maximum moisture-vapor-emission rate of 3 lb of water/1000 sq. ft. in 24 hours.
 - b. Perform relative humidity test using in situ probes, ASTM F 2170. Proceed with installation only after substrates have maximum 75 percent relative humidity level measurement.
- C. Fill cracks, holes, and depressions in substrates with trowelable leveling and patching compound and remove bumps and ridges to produce a uniform and smooth substrate.
- D. Do not install resilient products until they are same temperature as the space where they are to be installed.
 - 1. Move resilient products and installation materials into spaces where they will be installed at least 48 hours in advance of installation.
- E. Sweep and vacuum clean substrates to be covered by resilient products immediately before installation.

3.3 RESILIENT BASE INSTALLATION

- A. Comply with manufacturer's written instructions for installing resilient base.
- B. Apply resilient base to walls, columns, pilasters, casework and cabinets in toe spaces, and other permanent fixtures in rooms and areas where base is required.
- C. Install resilient base in lengths as long as practicable without gaps at seams and with tops of adjacent pieces aligned.
- D. Tightly adhere resilient base to substrate throughout length of each piece, with base in continuous contact with horizontal and vertical substrates.
- E. Do not stretch resilient base during installation.
- F. Preformed Outside Corners: Install preformed corners before installing straight pieces.
- G. Job-Formed Inside Corners:
 - 1. Outside Corners: Use straight pieces of maximum lengths possible. Form without producing discoloration (whitening) at bends.

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2. Inside Corners: Use straight pieces of maximum lengths possible. Form inside corners on job from straight pieces of maximum lengths possible by cutting an inverted V-shaped notch in toe of wall base at the point where corner is formed. Shave back of base where necessary to produce snug fit to substrate.

3.4 RESILIENT ACCESSORY INSTALLATION

- A. Comply with manufacturer's written instructions for installing resilient accessories.
- B. Resilient Stair Accessories:
 - 1. Use stair-tread-nose filler to fill nosing substrates that do not conform to tread contours.
 - 2. Tightly adhere to substrates throughout length of each piece.
 - 3. For treads installed as separate, equal-length units, install to produce a flush joint between units.
- C. Resilient Molding Accessories: Butt to adjacent materials and tightly adhere to substrates throughout length of each piece. Install reducer strips at edges of carpet and resilient floor covering that would otherwise be exposed.

3.5 CLEANING AND PROTECTION

- A. Comply with manufacturer's written instructions for cleaning and protection of resilient products.
- B. Perform the following operations immediately after completing resilient product installation:
 - 1. Remove adhesive and other blemishes from exposed surfaces.
 - 2. Sweep and vacuum surfaces thoroughly.
 - 3. Damp-mop surfaces to remove marks and soil.
- C. Protect resilient products from mars, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during remainder of construction period.
 - 1. Apply protective floor polish to resilient accessories that are free from soil, visible adhesive, and surface blemishes.
 - 2. Coordinate selection of floor polish with Owner's maintenance service.
 - 3. Cover resilient accessories on floors and stairs with undyed, untreated building paper until inspection for Final Acceptance.
- D. Floor Polish: Remove soil, visible adhesive, and surface blemishes from resilient stair treads before applying liquid floor polish.
 - 1. Apply three coat(s).
- E. Cover resilient products until Substantial Completion.
- F. Clean products specified in this Section not more than 4 days prior to dates scheduled for inspections intended to establish date of Final Acceptance in each area of Project. Clean products using method recommended by manufacturer.
 - 1. Strip protective floor polish that was applied after completing installation, prior to cleaning.
 - 2. Reapply floor polish after cleaning.

END OF SECTION 09 65 13