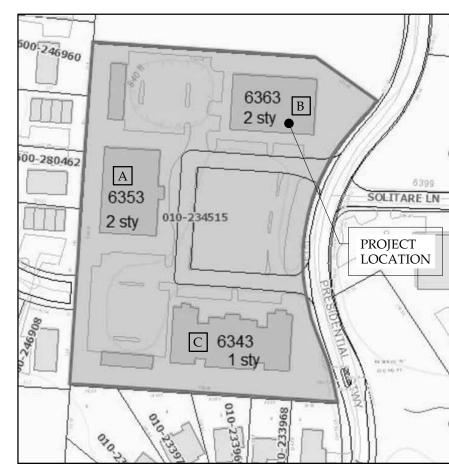
INTERIOR REMODELING of:

MASON ANTHONY TRAINING FACILITY - B

6363 PRESIDENTIAL GATEWAY © COLUMBUS, OHIO 43231





GENERAL NOTES

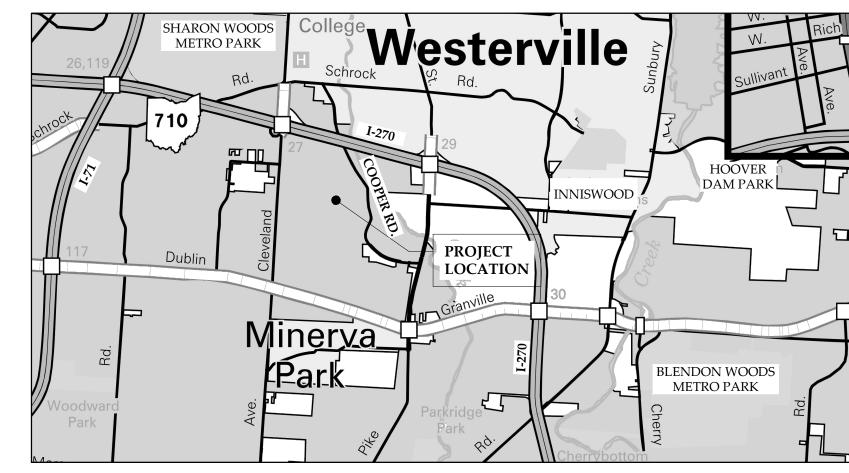
- 1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL GOVERNING CODES, STANDARDS AND PROPER
- 2. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND SITE CONDITIONS BEFORI STARTING WORK. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCY. COMMENCEMENT OF WORK IMPLIES ACCEPTANCE OF CONDITIONS.
- 3. ALL CONTRACTOR(S) SHALL VERIFY EXISTING CONDITIONS IN THE FIELD & CONTACT ARCHITECT IF ANY DISCREPANCIES WITH CONTRACT DOCUMENTS/DRAWINGS OCCUR.
- 4. THE CONTRACTOR SHALL MAKE FIELD MEASUREMENTS FOR HIS WORK AND BE RESPONSIBLE FOR THE ACCURACY OF THOSE MEASUREMENTS.
- 5. IT SHALL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNER'S ARCHITECT OF ANY DISCREPANCIES IN THE PLANS AND/OR SPECIFICATIONS PRIOR TO BIDDING AND INSTALLATION OF ANY OF THOSE ITEMS NOTED ON THE PLANS.
- 6. WORK SHALL NOT START UNTIL THE CONTRACTOR RECEIVES A NOTICE TO PROCEED FROM THE OWNER.
- 7. THE CONTRACTOR SHALL MAINTAIN A CLEAN AND ORDERLY SITE AND STORAGE AREA. COORDINATE STORAGE LOCATION WITH THE OWNER.
- 8. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR PROTECTION AND SAFEKEEPING OF PRODUCTS STORED AT THE SITE.
- 9. THE GENERAL CONTRACTOR SHALL POST AND MAINTAIN SIGNS, NOTICES AND OTHER SAFEGUARDS REQUIRED BY LAW OR ORDINANCE AND OWNER.
- 10. IF ANY SUBSTITUTIONS ARE PROPOSED AND APPROVED BY OWNER FOR SPECIFIED EQUIPMENT, THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR ALL COORDINATION, INCLUDING HVAC, PLUMBING
- 11. THE CONTRACTOR HAS THE RESPONSIBILITY TO NOTIFY THE ARCHITECT OF MATERIALS OR WORK SHOWN FOR WHICH NO QUALITY OR GRADE IS CLEARLY SPECIFIED. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR ASSUME GRADE OR QUALITY FOR PRODUCTS OR WORK SHOWN.
- 12. GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND STORAGE OF ITEMS SCHEDULED TO REMAIN, BUT REQUIRED FOR CONSTRUCTION.
- 13. THE PAINTING CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PATCHING OF NAIL HOLES, CRACKS, ETC. PRIOR TO FINAL PAINTING.
- 14. PROVIDE SUFFICIENT BLOCKING AT ALL WALLS FOR SECURING OF ALL ITEMS, WHETHER FURNISHED BY

OWNER OR CONTRACTORS, INCLUDING COUNTERS, SHELVING, CASEWORK, FURNITURE, ETC.

- 15. IT SHOULD BE UNDERSTOOD THAT THE CONTRACT AMOUNT NOTED BY THE GENERAL CONTRACTOR INCLUDES ALL ITEMS (BUILDER'S RISK INSURANCE, WORKMAN'S COMPENSATION, TRASH REMOVAL, ETC.)
- 16. ALL MATERIALS AND PRODUCTS SHALL BE INSTALLED IN STRICT CONFORMANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

AND THAT NO OTHER CHARGES WILL BE ACCEPTED BY THE OWNER.

- 17. ALL CONTRACTORS AND SUBCONTRACTORS SHALL REVIEW COMPLETE SET OF CONTRACT DOCUMENTS. THE CONTRACT DOCUMENTS ARE INTERCONNECTED AND SHALL NOT BE SEPARATED OR READ OR INTERPRETED SEPARATELY.
- 18. CONTRACTOR(S) SHALL PROVIDE ALL MATERIALS AND LABOR FOR A COMPLETE PROJECT AND/OR COMPLETE SYSTEMS. ANY MATERIAL OR LABOR NOT SHOWN IN THE CONTRACT DOCUMENTS BUT WHICH IS OBVIOUSLY NECESSARY TO COMPLETE THE WORK SHALL BE INCLUDED IN THE BASE BID.
- 19. EXPOSED BUILDING COMPONENTS/AREAS TO REMAIN SHALL BE PROTECTED FROM WEATHER OR DAMAGE DURING DEMOLITION AND CONSTRUCTION.
- 20. ALL METAL FASTENERS, CONNECTORS, OR HARDWARE IN DIRECT-CONTACT WITH ANY PRESERVATIVE-TREATED LUMBER SHALL BE STAINLESS-STEEL TYPE 304 OR 316 OR HAVE GALVANIZED-COATING THAT COMPLIES WITH THE ASTM A123 (CONNECTORS) OR A153 (FASTERNERS) OR CLASS-D STANDARDS FOR FASTENERS AND HARDWARE. THE CONNECTORS AND FASTENERS MUST BE MADE OF THE SAME MATERIAL FOR COMPATIBILITY.
- 21. THIS PROJECT SHALL COMPLY WITH THE FOLLOWING PROVISIONS OF THE COLUMBUS ZONING CODE: 3321.01 DUMPSTER; 3321.07 LANDSCAPE. 3321.03 LIGHTING; 3312.21 SCREENS; 3312.39 STRIPING and MARKING; 3312.43 SURFACE; 3312.45 WHEEL STOPS and CURBS.







BUILDING CODE DATA

APPLICABLE CODES:

MECHANICAL CODE: 2017 OHIO MECHANICAL CODE 2017 NATIONAL ELECTRICAL CODE ELECTRICAL CODE: 2017 OHIO PLUMBING CODE FIRE CODE: 2017 OHIO FIRE CODE

ACCESSIBILITY CODE: ANSI A117.1 2009 2012 OHIO ENERGY CONSERVATION CODE **ENERGY CODE:**

BUILDING CODE SUMMARY:

PROJECT DESCRIPTION: PROPOSED RENOVATION OF EXISTING 2-STORY FRAME COMMERCIAL BUILDING TO

A SINGLE-TENANT SALON TRAINING FACILITY.

FRANKLIN COUNTY 010-234515-00 PROPERTY I.D:

ACREAGE: 4.252 Ac.

COLUMBUS Z94-082A, LC2, H-60 **ZONING DISTRICT**

FEMA FLOOD MAP #39049C0177K, EFFECTIVE DATE 06/17/2008. FLOOD PLAIN: ZONE 'X' "AREA OF MINIMAL FLOOD HAZARD" BFE NOT INDICATED IN ZONE 'X".

USE GROUP: (B) BUSINESS

CONSTRUCTION TYPE:

STEEL POST and BEAM, STEEL STUD WALLS, WOOD ROOF TRUSSES

BUILDING AREA: BUSINESS MAX. ALLOWABLE PER STORY = 9,000 SF ACTUAL EXISTING PER STORY $= 9,676 \, \text{SF} \, \times 2$

PLUS VESTIBULE ADDITION = 123 SF GROSS BUILDING AREA -ACTUAL = 19,475 SF

AREA INCREASE: If = [F/P - 0.25] W/30 ---> If = [209'/405.3' - 0.25] 20/30 ---> If = 0.177OBC 506.2.3, 506.3

 $Aa = [At + (NS \times If)] \times Sa ---> Aa = [9,000 SF + (9,000 SF \times 0.177)] \times 2 ---> 21,186 SF GROSS$ BUILDING AREA - ALLOWED

BUILDING HEIGHT: BUSINESS MAX. ALLOWABLE STORIES = 2 STORIES ACTUAL = 2 STORIES ALLOWABLE HEIGHT = 40' ACTUAL = 30'-6"+/-

CALCULATED = 19,475 G.S.F./100 G.S.F. per OCCUPANT = 195 OCCUPANTS OCCUPANT LOAD:

> FIRST FLOOR = 276 ACTUAL OCCUPANTS SECOND FLOOR = 134 ACTUAL OCCUPANTS = 410 ACTUAL OCCUPANTS

NOTE: 90% OF BUILDING OCCUPANTS ARE WOMEN. THE FOLLOWING QUANTITIES ARE ADJUSTED FOR THIS RATIO.

	<u>FORMULA</u>	REQUIRED	PROVID
1st FLOOR = 250 FEMALES	WC = 1/50	5	5
1st FLOOR = 27 MALES	WC = 1/50	1	1
1st FLOOR = 250 FEMALES	LAV = 1/80	4	4
1st FLOOR = 27 MALES	LAV = 1/80	1	1
2nd FLOOR = 120 FEMALES	WC = 1/50	3	4
2nd FLOOR = 13 MALES	WC = 1/50	1	2
2nd FLOOR = 120 FEMALES	LAV = 1/80	2	3
2nd FLOOR = 13 MALES	LAV = 1/80	1	2
DF	1/100	4	4
SERVICE SINK	1	1	1

INDEX OF DRAWINGS

BY OTHERS UNDER SEPARATE PERMIT: FIRE ALARM DOCUMENTATION AND FULL BUILDING SPRINKLER SYSTEM

ATTACHMENT: U.L. FIRE RATED DESIGN SPECIFICATIONS.

SITE LAYOUT PLAN and SITE DETAILS

SITE DETAILS

DEMOLITION and EXISTING STRUCTURAL PLANS

1st FLOOR OCCUPANCY and EGRESS EXHIBIT 2nd FLOOR OCCUPANCY and EGRESS EXHIBIT

1st FLOOR PLAN

2nd FLOOR PLAN

1st FLOOR REFLECTED CEILING PLAN

2nd FLOOR REFLECTED CEILING PLAN DOOR AND ROOM FINISH SCHEDULES

INTERIOR ELEVATIONS

INTERIOR ELEVATIONS

INTERIOR ELEVATIONS

VESTIBULE DETAILS

1st FLOOR MECHANICAL PLAN

2nd FLOOR MECHANICAL PLAN ENLARGED MECHANICAL PLANS

MECHANICAL SCHEDULES

MECHANICAL SCHEDULES AND DETAILS

MECHANICAL SPECIFICATIONS

1st FLOOR PLUMBING PLAN - SANITARY & VENT

1st FLOOR PLUMBING PLAN - WATER

2nd FLOOR PLUMBING PLAN

PLUMBING SCHEMATIC

P2.1 PLUMBING SCHEDULES AND DETAILS

1st FLOOR LIGHTING PLAN 2nd FLOOR LIGHTING PLAN

1st FLOOR POWER PLAN 2nd FLOOR POWER PLAN

PANEL SCHEDULES

ELECTRICAL SPECIFICATIONS AND DETAILS

DESIGN LOADS

GOVERNING CODE: 2017 OHIO BUILDING CODE.

1. ROOF SNOW LOADS A. GROUND SNOW LOAD = 20 psf. B. FLAT-ROOF SNOW LOAD = 20 psf. C. SNOW EXPOSURE FACTOR = Ce = 1.0D. SNOW LOAD IMPORTANCE FACTOR = 1.0

2. ROOF LIVE LOADS

E. THERMAL FACTOR = Ct = 1.0

A. MINIMUM ROOF LIVE LOAD = 20 psf. B. DESIGN ROOF LIVE LOAD = 25 psf 3. DESIGN FLOOR LOADS

A. UNIFORM LIVE LOAD = 50 PSF B. UNIFORM LIVE LOAD = 100 PSF AT LOBBIES & 1st FLOOR CORRIDORS C. UNIFORM LIVE LOAD = 80 PSF AT CORRIDORS ABOVE 1st FLOOR

4. WIND LOADS

A. ULTIMATE DESIGN WIND SPEED (Vult) (3-SECOND GUST) = 115 mph B. NOMINAL DESIGN WIND SPEED (Vasd) (3-SECOND GUST) = 90 mph C. WIND IMPORTANCE FACTOR = 1.0

D. BUILDING CATEGORY 1 E. WIND EXPOSURE CATEGORY B

5. EARTHQUAKE DESIGN DATA: A. SEISMIC USE GROUP 1. B. SPECTRAL RESPONSE COEFFICIENT Sds = 0.177 C. SPECTRAL RESPONSE COEFFICIENT Sdi = 0.1056

D. SITE CLASS = D E. BASIC SEISMIC-FORCE-RESISTING SYSTEM = LIGHT FRAMED SHEAR WALLS F. ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE

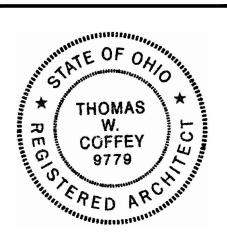
G. Ss = 0.166 : S1 = 0.066H. SESIMIC DESIGN CATEGORY B

6. DESIGN LOAD-BEARING VALUES OF SOILS A. MAXIMUM ALLOWABLE SOIL BEARING CAPACITY = 1500 psf (ASSUMED) I, THOMAS W. COFFEY, HEREBY CERTIFY THAT THE BUILDING AND SITE COMPLIANCE PLAN SHEETS MEET ALL REQUIRED DEVELOPMENT STANDARDS OF Z94-082A.



ICKL ARCHITECTS

P.O. BOX 340037 COLUMBUS, OHIO 43234 PHONE: (614) 764-1996 tom@marsharchitects.com



THOMAS W. COFFEY, LICENSE # 09779 **EXPIRATION DATE 12/31/21**

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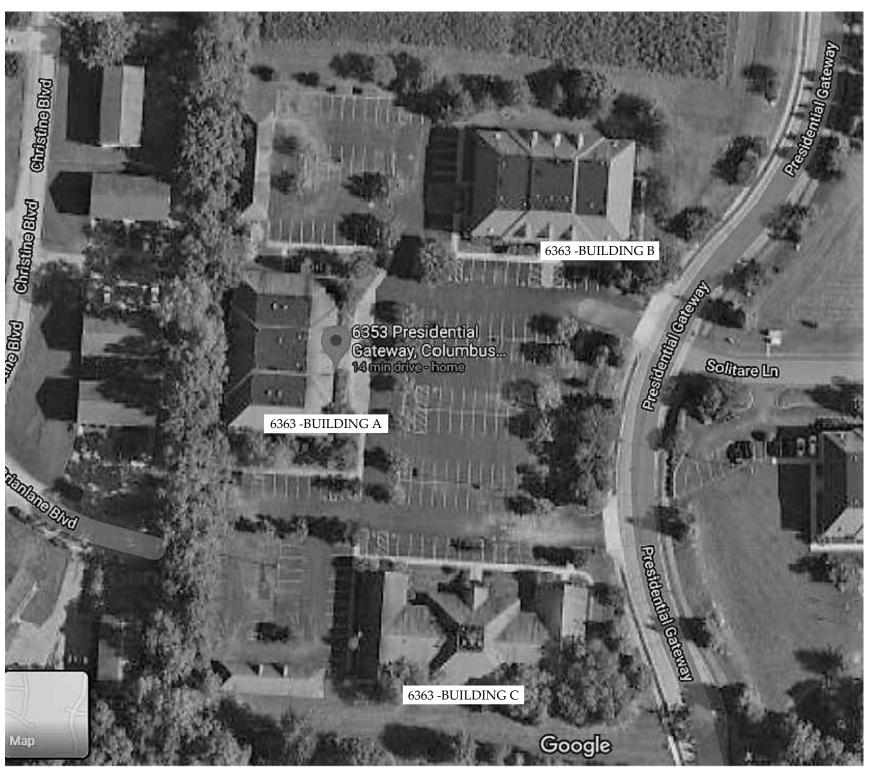
PRELIMINARY 04-12-2021

06-09-2021

REVISIONS:

PERMIT SET

THOMAS W. COFFEY ARCHITECT LICENSE # 09779 EXPIRATION DATE 12/31/2021



SITE DATA TABLE

TOTAL SITE AREA	4.252 Ac.	52 Ac.				
	PRIOR TO REMODEL	POST REMODEL	DIFFERENCE			
TOTAL DISTURBED AREA	2.630 Ac.	2.632 Ac.	+72 SF			
IMPERVIOUS AREA	2.630 Ac.	2.630 Ac.	0			

B AERIAL PHOTO

NOTE: TOTAL PARKING = 170 SPACES INCLUDING 8 ACCESSIBLE SPACES DISTRIBUTED AS FOLLOWS:

PARKING BUILDING A

PARKING BUILDING A			PARKING BUILDING B						
USE	SQUARI FOOTAG		MINIMUM	MAXIMUM	USE	SQUARE FOOTAGE		MINIMUM	MAXIMUN
BUSINESS	19,475 GSF	x	1:450 SF = 44	1:250 SF = 78	BUSINESS	19,475 GSF	x	1:450 SF = 44	1:250 SF = 7
PROVIDED PARKING		NG	61 SP.	ACES	PROVIDED PARKING		74 SPACES		
REQUIRED ADA PARKING (VAN / TOTAL ADA)			1,	′ 3	REQUIRED ADA PARKING (VAN / TOTAL ADA)		1/3		
PROVIDED ADA PARKING (VAN / TOTAL ADA)			1,	′ 3	PROVIDED ADA PARKING (VAN / TOTAL ADA)			2/3	
REQ'D BICYC 1:20 VE	LE PARKINO HICLE SPAC		3 SPA	ACES	REQ'D BICYCLE PARKING = 1:20 VEHICLE SPACES		3 SPACES		
PROVIDED BICYCLE PARKING		4 SPA	ACES	PROVIDED BICYCLE PARKING 4 SPACE			ACES		

NOTE: 25 ADDITIONAL SPACES ARE NOT INCLUDED IN THE TABLES ABOVE. THESE SPACES MIGHT BE USED FOR FUTURE PASSENGER LOADING AND PLAYGROUND. TBD.

DADVING BLIII DING C

	PARKING BUILDING C							
		USE	SQUARE FOOTAGE		MINIMUM	MAXIMUM		
3		CHILD Daycare	9,232 x 2,635 GSF x		1:500 SF = 19	NA		
_		TBD ASSUME BUSINESS USE			1:450 SF = 6	1:250 SF = 11		
		REQUI	RED PARKIN	25				
		PROVIDED PARKING			35 SPACES			
1		REQUIRED A	ADA PARKIN VAN / TOT <i>A</i>	1/2				
		PROVIDED A	ADA PARKIN VAN / TOT <i>A</i>	1/2				
_	REQ'D BICYCLE PARKING = 1:20 VEHICLE SPACES				2 SPACES			
		PROV	IDED BICYC PARKIN	4 SPACES				

GENERAL SITE PLAN NOTES

- A. SANITARY AND STORM SEWERS SHOWN ARE TAKEN FROM CITY OF COLUMBUS SEWER ATLAS 642. WATER LINES SHOWN ARE TAKEN FROM CITY OF COLUMBUS WATER SERVICE PLAN NUMBER P-2462.
- B. ALL LAND DISTURBING ACTIVITIES SHALL BE SUBJECT TO INSPECTION AND SITE INVESTIGATION BY THE CITY OF COLUMBUS TO DETERMINE COMPLIANCE WITH CITY STANDARDS AND REGULATIONS.
- C. EASEMENTS AND UTILITY LINES ARE EXISTING TO REMAIN. THERE ARE NO PROPOSED ENCROACHMENTS AND NO PROPOSED NEW EASEMENTS OR UTILITY LINES.
- D. ASPHALT PARKING LOT AND DRIVES ARE EXISTING TO REMAIN. PATCH, SEAL, AND STRIPE. STRIPING, MARKING, AND SURFACE TO COMPLY w/ COLUMBUS CODE 3312.39 AND 3312.43
- E. PARKING SPACES TO BE 9' WIDE x 18' DEEP U.N.O.
- F. CONCRETE SIDEWALKS ARE EXISTING TO REMAIN. REPAIR AS
- G. CONCRETE CURBS ARE EXISTING TO REMAIN. REPAIR AS NEEDED. H. CURBS RAMPS ARE EXISTING TO REMAIN U.N.O. SEE DETAILS.
- I. STORM WATER MANAGEMENT SYSTEM IS EXISTING TO REMAIN. THERE ARE NO PROPOSED CHANGES TO THE EXISTING AREA OF IMPERVIOUS SURFACES. REPLACE DAMAGED CATCH BASINS, AREA DRAINS, DRAIN TILES, ETC. WITH LIKE.
- J. UTILITY SERVICES AND ENTRIES ARE EXISTING TO REMAIN.
- K. PARKING LOT LIGHTING IS EXISTING SHOEBOX, CUT-OFF STYLE, DUAL HEAD PARKING LOT DOWN LIGHTS ON 30'+/- HT. POLES TO REMAIN. PHOTO CELL CONTROL. LIGHTING SHALL COMPLY WITH COLUMBUS CODE 3312.19 AND 3312.03.
- L. DUMPSTER. INSTALL NEW CONCRETE DUMPSTER PAD AND APPROACH AND NEW ENCLOSURE. SEE DETAILS. COMPLY WITH COLUMBUS CODE 3312.15 AND 3321.01.
- M. SHADE TREES, LANDSCAPING, AND SCREENING ARE EXISTING TO REMAIN. AT NORTH ENTRY REMOVE OR TRIM LANDSCAPING MATERIAL TO COMPLY WITH VISION CLEARANCES IN COLUMBUS CODE 3321.05.
- N. PUBLIC STREET. THERE ARE NO PROPOSED CURB CUTS OR CHANGES TO SIGNAGE OR TRAFFIC CONTROLS.
- O. FUTURE SIGNAGE IS BY OTHERS UNDER SEPARATE PERMIT.

PUBLIC TREE NOTES

THE CONTRACTOR SHALL PRESERVE AND PROTECT PUBLIC TREES IN THE RIGHT OF WAY AS FOLLOWS:

CRPD PUBLIC TREE PRESERVATION NOTE:

All public trees and the ground below their respective drip lines, whether shown or not shown on the plans, are to be preserved unless approval to remove or prune is given in writing by Columbus Recreation & Parks (CRPD)/City Forester or if the public tree removal has been designated on the approved Final Site Compliance Plan. Trees approved for removal by either of the CRPD/City Forester shall be paid for under CMSC item 201, clearing and grubbing, unless otherwise provided for by unit price bid under item 201.

The Contractor shall protect trees near or adjacent to the work area to avoid damage to all trees that are to remain. All trees removed shall include stump removal to eighteen (18) inches below grade. All clearing and grubbing done on CRPD property, Right-of-Way, or any City of Columbus property shall be removed and disposed of by the Contractor.

Heavy equipment will not be allowed to compact the soil over the root zone of existing public trees. Restricted equipment access routes shall be coordinated with CRPD Inspector, Keith May, at (614) 645-3014 or KAMay@columbus.gov before work begins. Temporary paving materials, such as plywood, lumber or rubber matting, spread over the root zone of public trees may be required to prevent compaction.

If a public tree needs to be removed, the Contractor shall provide a tree mitigation plan to Jim Long at (614) 645-2864 or JALong@columbus.gov and email and refer to the CRPD Tree Mitigation Plan Guidance, ANSI A300 and/or City of Columbus Executive Order 2015-01 for tree replacement standards.

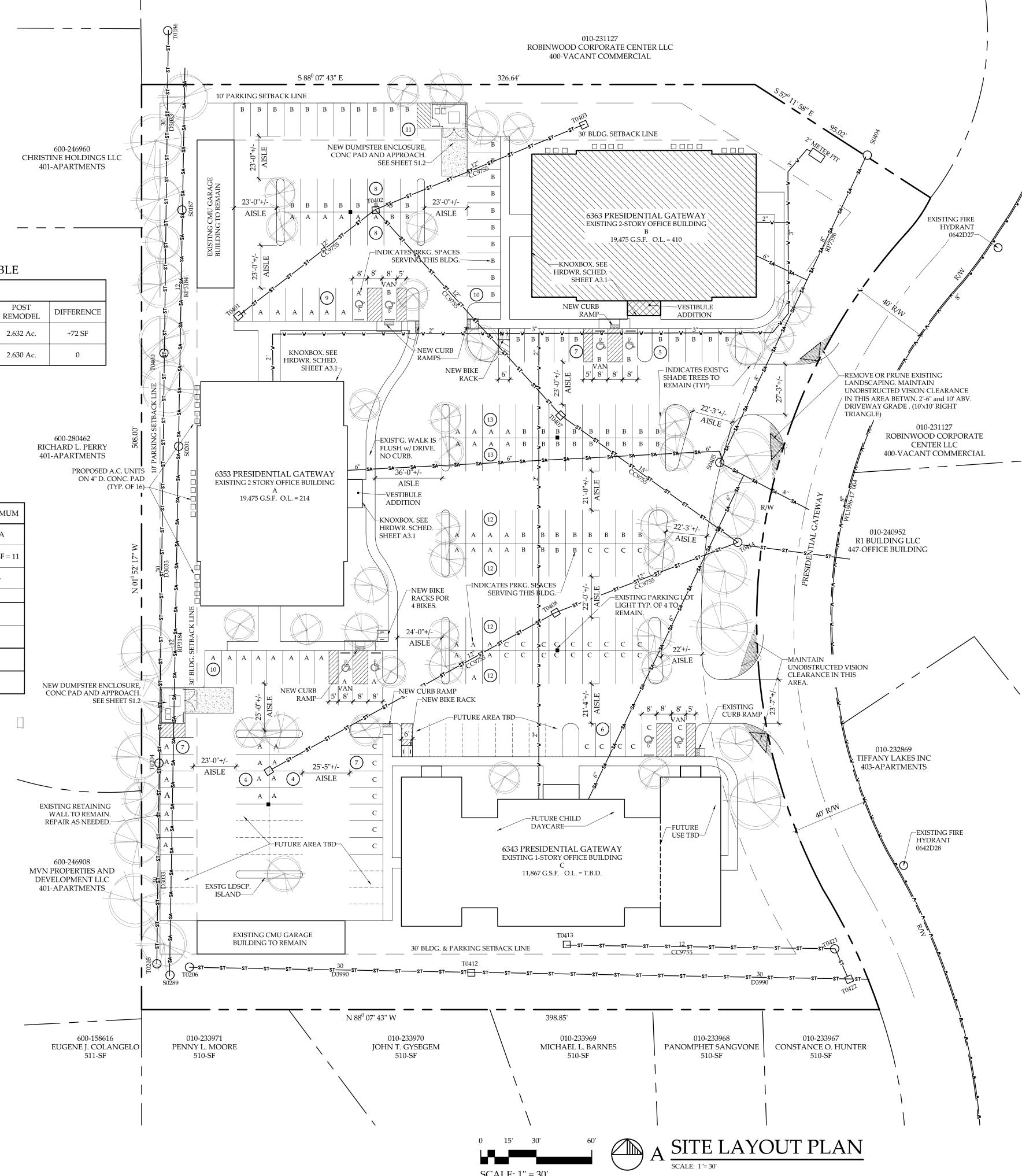
CRPD PUBLIC TREE PROTECTION NOTE:

A tree protection plan with a drawing of any work located within the drip line of a public tree shall be included in the approved Final Site Compliance Plan (FSCP). Refer to CRPD Standard Drawing for Tree Protection.

Construction materials, excavation debris, fuel, equipment or vehicles are not to be stockpiled, stored, dumped or parked within the drip line of public trees.

All trees must be protected against injury or damage to branches, trunks, or roots from construction and excavation, as described in the "Best Management Practices -Managing Trees During Construction" a companion publication to ANSI A300 Part

If there is a question whether a tree needs to be protected, the Contractor must contact the City Forestry representative Jim Long at (614) 645-2864 or <u>JALong@columbus.gov</u> . Failure to contact the City Forestry representative in advance of construction will result in the Contractor reimbursing City Forestry for the cost of any and all damage as determined by the current ANSI A300/City of Columbus Executive Order 2015-01 for tree protection and replacement.



ARCHITECTS

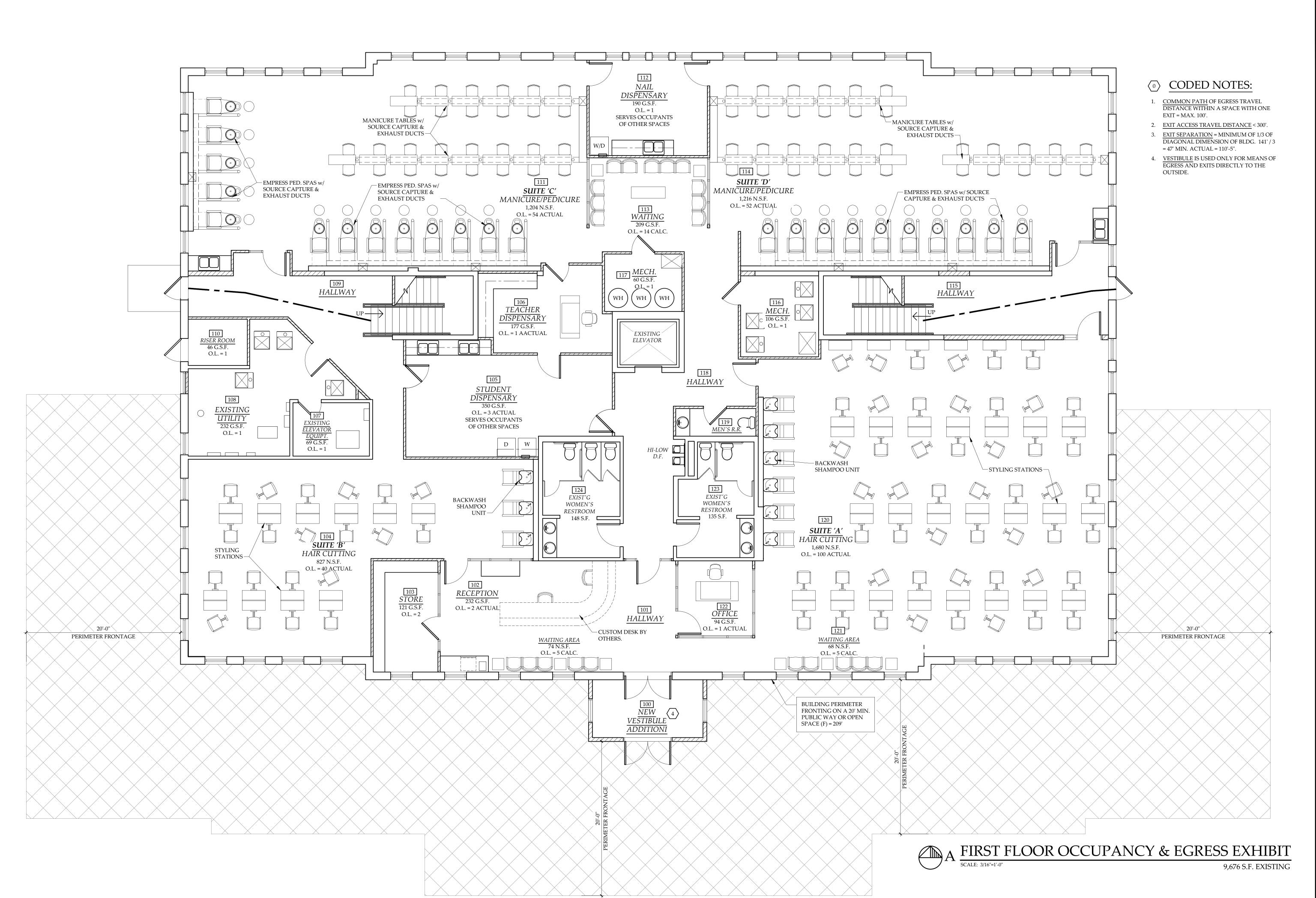
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THOMAS W. COFFEY, LICENSE # 09779 EXPIRATION DATE 12/31/21

PRELIMINARY 04-12-2021 PERMIT SET 06-09-2021

☐ REVISIONS:



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THONY

UPANCY and EGRESS EXHIBIT

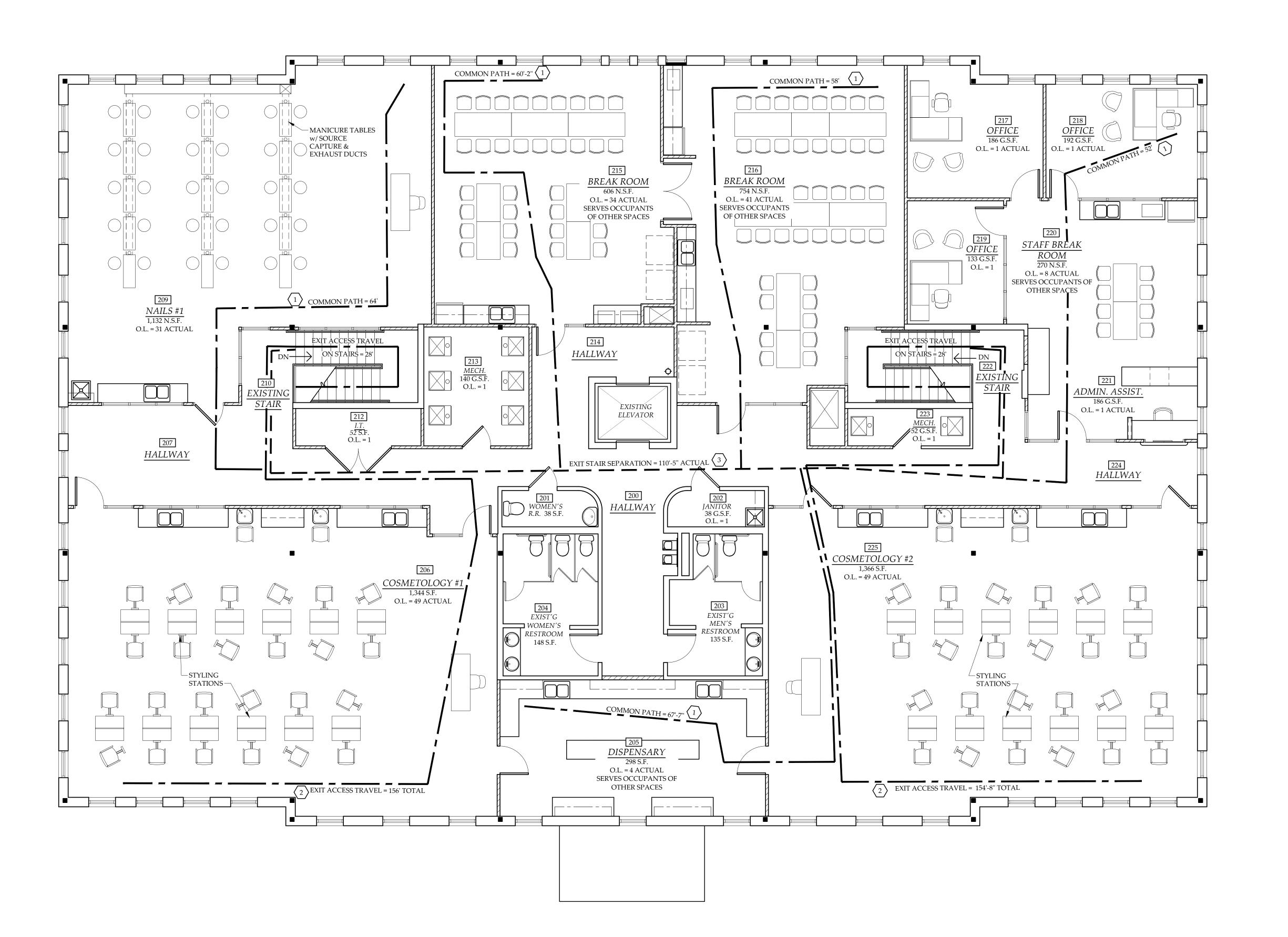
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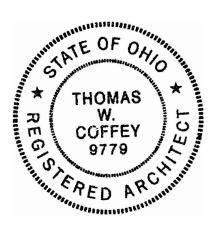


© CODED NOTES:

- 1. COMMON PATH OF EGRESS TRAVEL DISTANCE WITHIN A SPACE WITH ONE EXIT = MAX. 100'.
- 2. EXIT ACCESS TRAVEL DISTANCE < 300'.
- 3. EXIT SEPARATION = MINIMUM OF 1/3 OF DIAGONAL DIMENSION OF BLDG. 141'/3 = 47' MIN. ACTUAL = 110'-5".
- 4. VESTIBULE IS USED ONLY FOR MEANS OF EGRESS AND EXITS DIRECTLY TO THE OUTSIDE.

JCKL ARCHITECTS

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CUPANCY and EGRESS EXHIBIT
ONY TRAINING FACILITY - B
GATEWAY

☐ PRELIMINARY 04-12-2021

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