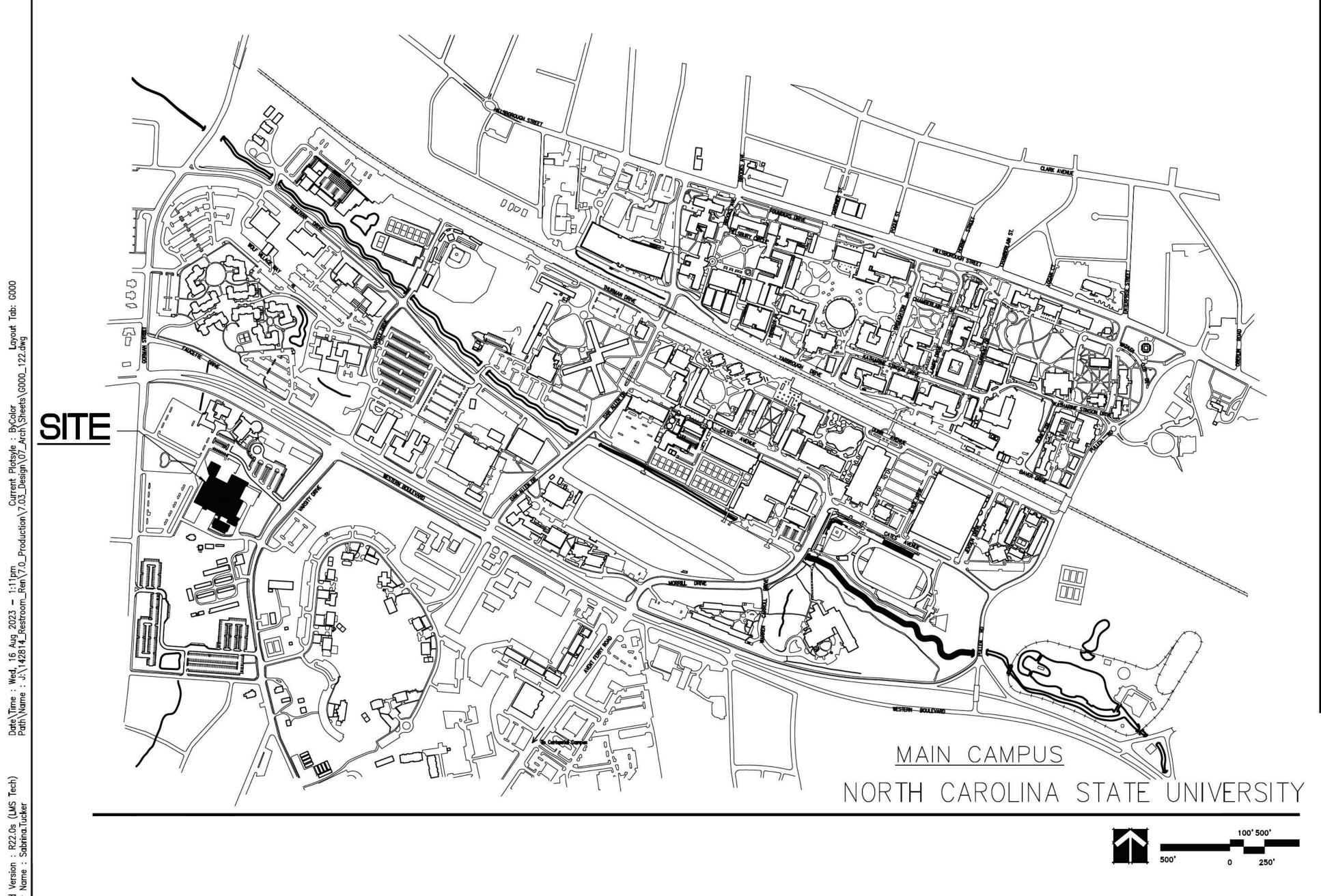
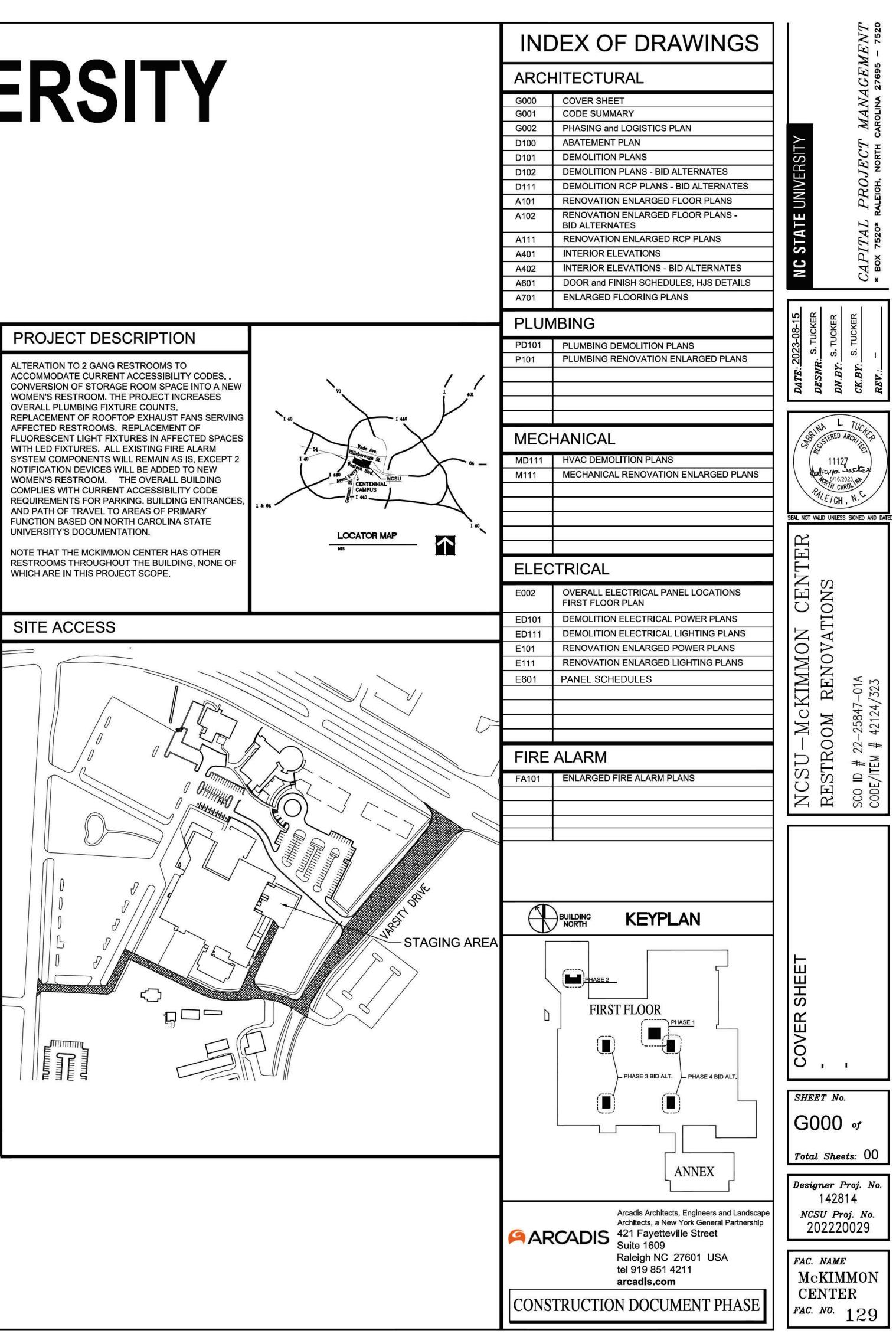
NORTH CAROLINA STATE UNIVERSITY MCKIMMON CENTER RESTROOM RENOVATION 101 GORMAN STREET, RALEIGH, NC 27695-7401





Name of Project:		CENTER RESTR			<u></u>
Address:		N ST RALEIGH,		Zip Code 2	7695-7401
Owner/Authorized Age	ent: BOB CWIK	LAPhone # (919) <u>515</u> - <u>6836</u>	E-Mail rmc	wikla@ncsu.ed
Owned By:		city/County	Private	X State	
Code Enforcement Juri	sdiction: C	City	County	X State	
CONTRACT		SABRINA TUCKER			_
CONTACT: DESIGNER FIRM		NAME	LICENSE #	TELEPHONE # E-M	
	CADIS	SABRINA TUCKER		(919) 851-4210 sal	orina.tucker@arcadis
Civil N/A					
Electrical ARC	ADIS	KEVIN SCHAEFER			/In.schaefer@arcadls
	ADIS	KEVIN SCHAEFER			In.schaefer@arcadls
	ADIS	DAN IGO	054060		n.igo@arcadis.com
meenamean	ADIS	DAN IGO	054060	(<u>919</u>)851-4211 da	n.lgo@arcadls.com
	N/A N/A			<u> </u>	
Structural Retaining Walls >5' Hi	1 110.0			<u> </u>	
Other	gn NA			<u> </u>	
("Other" should includ	e firms and individ	huals such as truss pr	ecast pre-engine	ered_interior_designers	etc.)
check all that apply)	1076	Repair Chapter 14 CURREN PROPOS	Alteration	The Level II \Box Channel Chan	oric Property nge of Use SEMBLY SEMBLY Y
CONSTRUCTED RENOVATED: OCCUPANCY CATH		04.5): Current:			
RENOVATED: OCCUPANCY CATE	GORY (Table 16	04.5): Current:			
RENOVATED: OCCUPANCY CATE BASIC BUILDING D Construction Type:	GORY (Table 16	🗌 II-A	🗌 III-A		V-A
RENOVATED: OCCUPANCY CATE BASIC BUILDING D Construction Type:	CGORY (Table 16				V-A V-B
RENOVATED: OCCUPANCY CATH BASIC BUILDING D Construction Type: (check all that apply)	CGORY (Table 16	🗌 II-A	🗌 III-A	□ IV □ □ NFPA 13D	
RENOVATED: OCCUPANCY CATE BASIC BUILDING D Construction Type: (check all that apply) Sprinklers: X N	CGORY (Table 16	☐ II-A X II-B ☐ NFPA 13	III-A III-B	□ NFPA 13D	
RENOVATED: OCCUPANCY CATE BASIC BUILDING D Construction Type: (check all that apply) Sprinklers: X N Standpipes: X N	CGORY (Table 16	□ II-A X II-B □ NFPA 13 □ II □ III	☐ III-A ☐ III-B ☐ NFPA 13R ☐ Wet ☐ Dry	NFPA 13D	
RENOVATED: OCCUPANCY CATE BASIC BUILDING D Construction Type: (check all that apply) Sprinklers: X N Standpipes: X N Primary Fire District	$\begin{array}{c} \textbf{GORY} \text{ (Table 16)} \\ \hline \textbf{ATA} \\ \hline \textbf{I-A} \\ \hline \textbf{I-B} \\ \textbf{o} \textbf{Partial} \\ \textbf{o} \textbf{Class} \textbf{I} \\ \textbf{i} \textbf{X} \text{ No} \textbf{Ye} \end{array}$	☐ II-A X II-B ☐ NFPA 13 ☐ II ☐ III es Flood H	☐ III-A ☐ III-B ☐ NFPA 13R	□ NFPA 13D	
RENOVATED: OCCUPANCY CATE BASIC BUILDING D Construction Type: (check all that apply) Sprinklers: X N Standpipes: X N Primary Fire District	CGORY (Table 16	☐ II-A X II-B ☐ NFPA 13 ☐ II ☐ III es Flood H o ☐ Yes	☐ III-A ☐ III-B ☐ NFPA 13R ☐ Wet ☐ Dry [azard Area:	NFPA 13D	
RENOVATED: OCCUPANCY CATE BASIC BUILDING D Construction Type: (check all that apply) Sprinklers: X N Standpipes: X N Primary Fire District Special Inspections R	CGORY (Table 16 ATA I-A I-B o Partial o Class I : X No Y equired: X No Gl	☐ II-A X II-B ☐ NFPA 13 ☐ II ☐ III es Flood H o ☐ Yes ROSS BUILDING 4	☐ III-A ☐ III-B ☐ NFPA 13R ☐ Wet ☐ Dry [azard Area: AREA TABLE	□ NFPA 13D	V-B
RENOVATED: OCCUPANCY CATE BASIC BUILDING D Construction Type: (check all that apply) Sprinklers: X N Standpipes: X N Primary Fire District Special Inspections R FLOOR	CGORY (Table 16	☐ II-A X II-B ☐ NFPA 13 ☐ II ☐ III es Flood H o ☐ Yes	☐ III-A ☐ III-B ☐ NFPA 13R ☐ Wet ☐ Dry [azard Area: AREA TABLE	NFPA 13D	V-B
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		ALL	OWABLE ARI	EA	
imary Oc	cupancy Classific	ation(s):			
Assemb		A-2		-3	A-4
Busines					
Educatio					
Factory Hazardo		oderate F-2 Lo etonate H-2 De	eflagrate 🗌 H	-3 Combust	П н-4
Institutio				-3	
I-	1 Condition 🔲 1	□ 2 [—]	(There is a second sec		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
I-	2 Condition 🚺 1	2			
I- Mercant	3 Condition 1	2 3			/
Resident		$\square R-2$		-3	DR-4
Storage	S-1 M	oderate	S-2 Low		Hig
0	🗌 Parkin	g Garage 🗌 Open	Enclosed	/	Rep
Utility a	nd Miscellaneous	\Box	EXISTIN	GUNC	HAN
essory O	occupancy Classifi	ication(s):			
	ses (Table 509):				
This	separation is not en	kempt as a Non-Sepa	arated Use (see e	exceptions).	
		t Code Sections):	arated Use (see e	exceptions).	
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NCDOI- 1

TOTAL Accessible Accessible Type A Type A Type B Type B Type B Total UNITS UNITS UNITS UNITS UNITS UNITS UNITS Accessible UNITS	UNITS UNITS UNITS UNITS UNITS UNITS UNITS UNITS ACCESSIBLE UNITS REQUIRED PROVIDED REQUIRED PROVIDED PROVIDED PROVIDED ACCESSIBLE PARKING (SECTION 1106) LOT OR PARKING TOTAL # OF PARKING SPACES # OF ACCESSIBLE SPACES PROVIDED TOTAL #	I	N/A	/		SSIBLE DW (SECTIO				
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	5' ACCES ACCESS 8' ACCESS PROVIDED				А				/	
(SECTION 1106)		LOT OR PAR		AL # OF PAI		(SECTIO	N 1106))	ROVIDED	TOTAL #
(SECTION 1106) LOT OR PARKING TOTAL # OF PARKING SPACES # OF ACCESSIBLE SPACES PROVIDED TOTAL # AREA REQUIRED PROVIDED REGULAR WITH VAN SPACES WITH ACCESSIBLE			CONTRACTOR OF THE OWNER	I	RKING SPACES	(SECTIO	OF ACCES	SIBLE SPACES P	ACES WITH	ACCESSIBLE
(SECTION 1106) LOT OR PARKING TOTAL # OF PARKING SPACES # OF ACCESSIBLE SPACES PROVIDED TOTAL # ACCESSIBLE AREA REQUIRED PROVIDED REGULAR WITH VAN SPACES WITH ACCESSIBLE 5' ACCESSIBLE 132" ACCESS 8' ACCESS PROVIDED PROVIDED			CONTRACTOR OF THE OWNER	I	RKING SPACES	(SECTIO	OF ACCES	SIBLE SPACES P VAN SP/ 132" ACCESS	ACES WITH 8' ACCESS	ACCESSIBLE

PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1)

SE	E WATERCLOSETS		ETS	URINALS LAVATORIES	ES	SHOWERS	DRINKING	FOUNTAINS		
	MALE	FEMALE	UNISEX		MALE	FEMALE	UNISEX	/TUBS	REGULAR	ACCESSIBLE
EXIST'G	13	22	4	19	13	18	4		6	6
NEW		6						2		
REQ'D	18	27			12	12			4	5

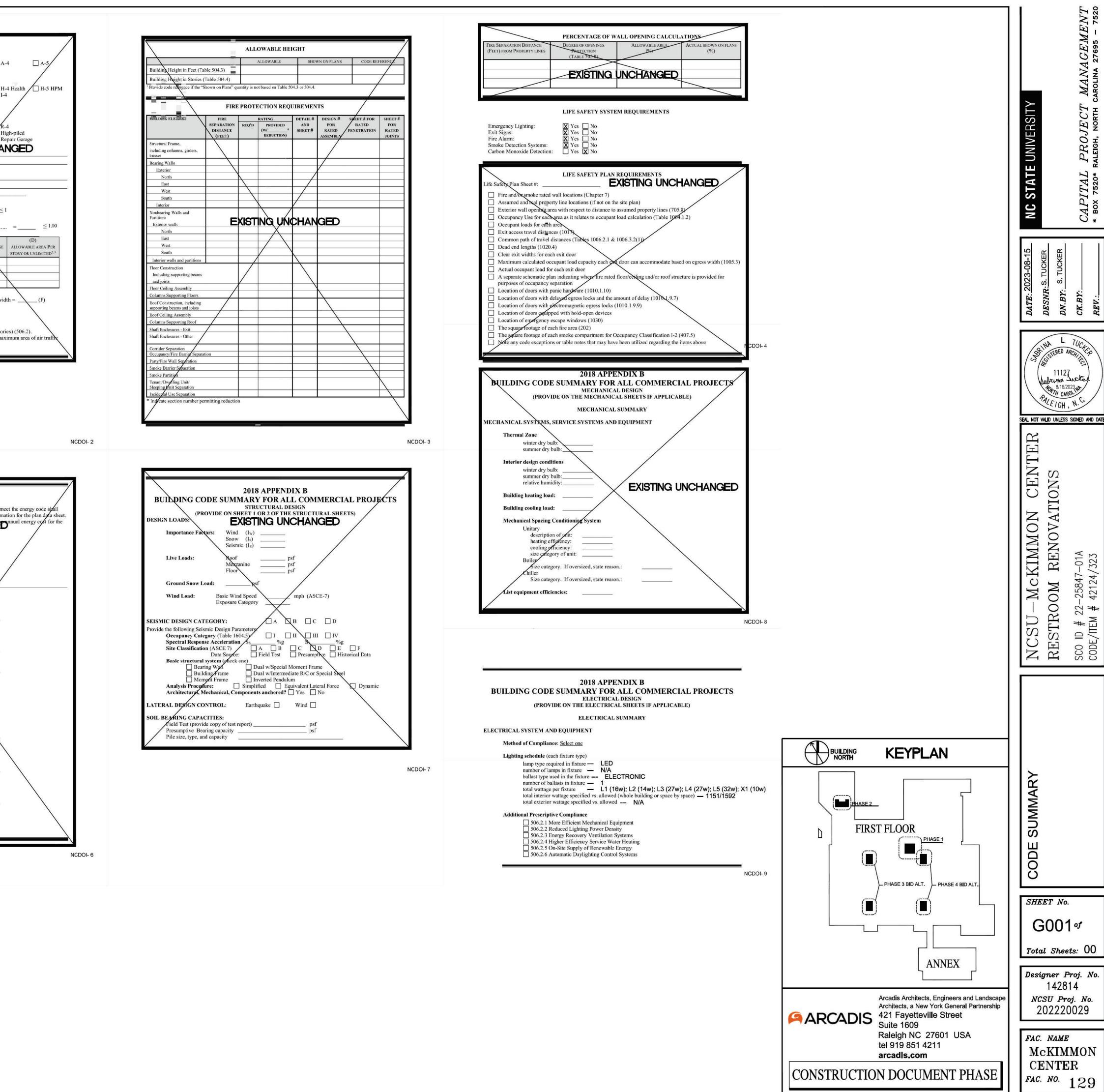
SPECIAL APPROVALS

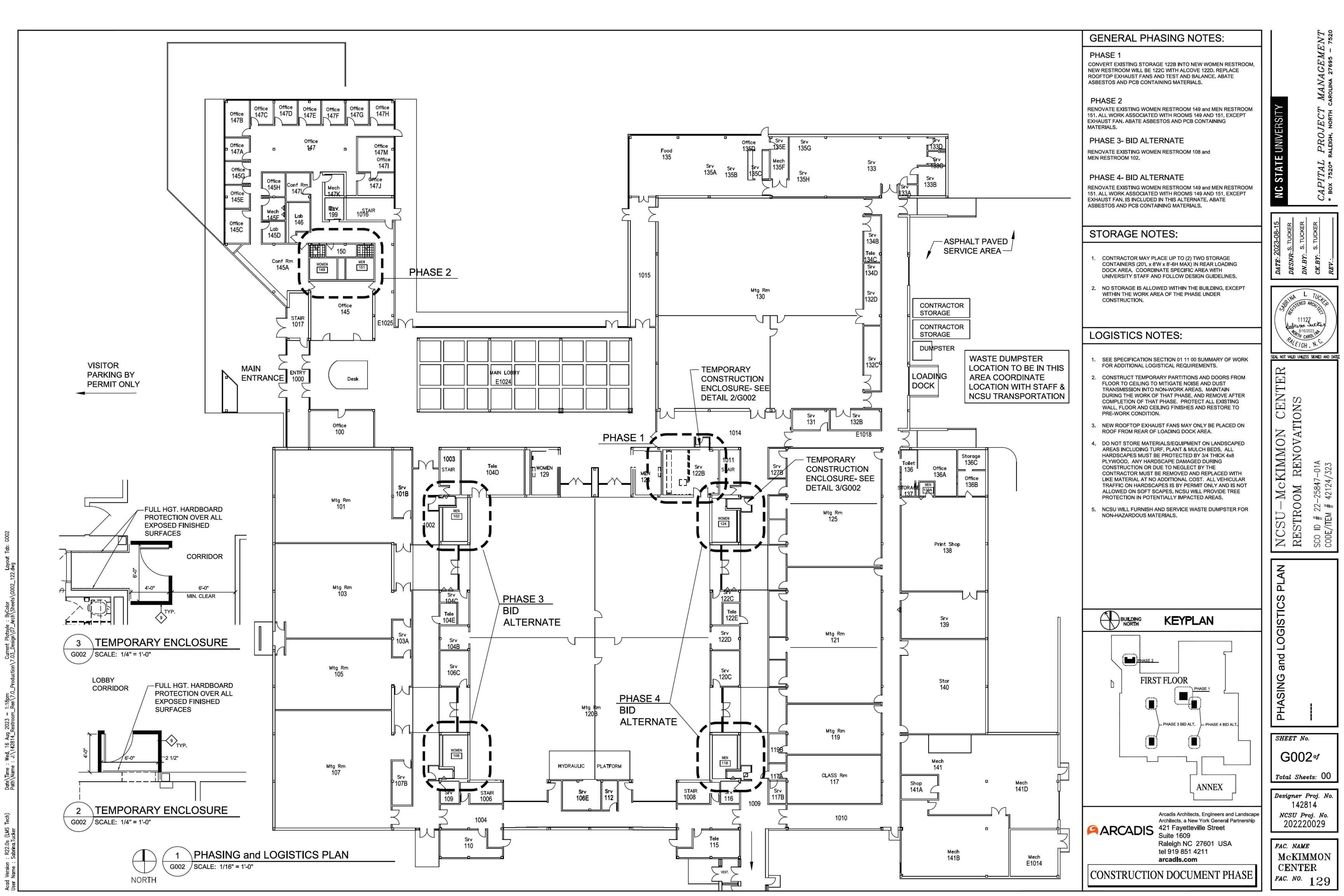
Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below) STATE CONSTRUCTION OFFICE

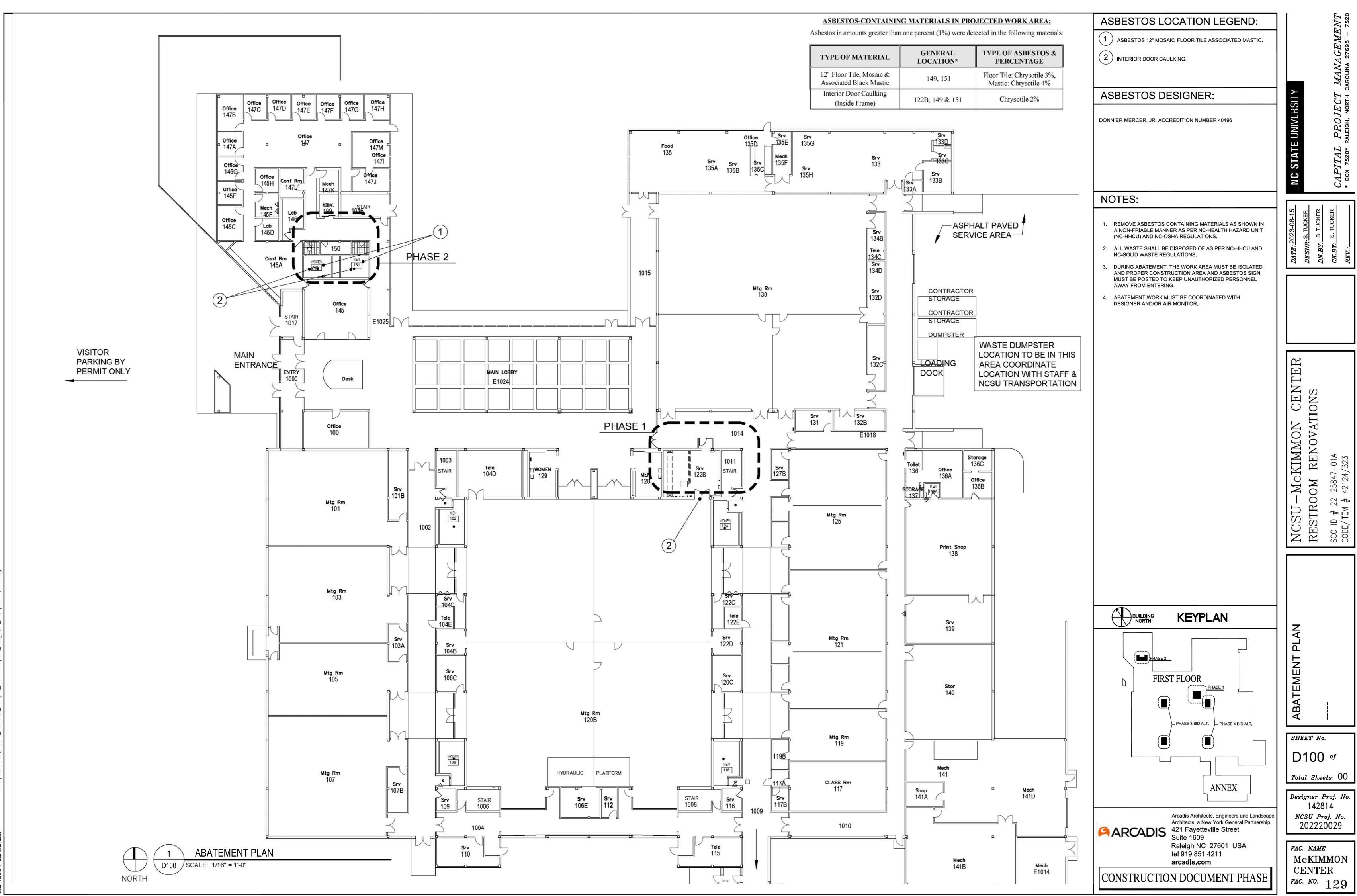
ENERGY SUMMARY
ENERGY REQUIREMENTS:
The following data shall be considered minimum and any special attribute required to m also be provided. Each Designer shall furnish the required portions of the project inform
If performance method, state the annual mercer STING standard for the project morning proposed design.
proposed design.
Existing building envelope complies with code: Select one
Exempt Building: <u>Select one</u> Provide code or statutory reference:
Climate Zone: <u>Select one</u>
Method of Compliance: <u>Select one</u> (If "Other" specify source here)
THE MAL ENVELOPE (Prescriptive method only)
Roof/ceiling Assembly (each assembly)
Description of assembly:
U-Value of total assembly: R-Value of insulation:
Skylights in each assembly:
U-Value of skylight:
total square footage of skylights in each assembly:
Exterior Walls (each assembly)
Description of assembly:
U-Value of total assembly:
R-Value of insulation: Openings (windows or doors with glazing)
U-Value of assembly.
Solar heat gain coefficient:
projection factor
Door R-Values.
Walls below grade (each assembly)
Description of assembly:
U-Value of total assembly:
R-Value of insulation:
Floors over unconditioned space (each assembly)
Description of assembly:
U-Values of total assembly:
R Value of insulation:
Floors slab on gade
Description of assembly:
U-Value of total assembly:
R-Value of insulation: Horizontal/vertical recuirement:
slab heated:

NCDOI- 5

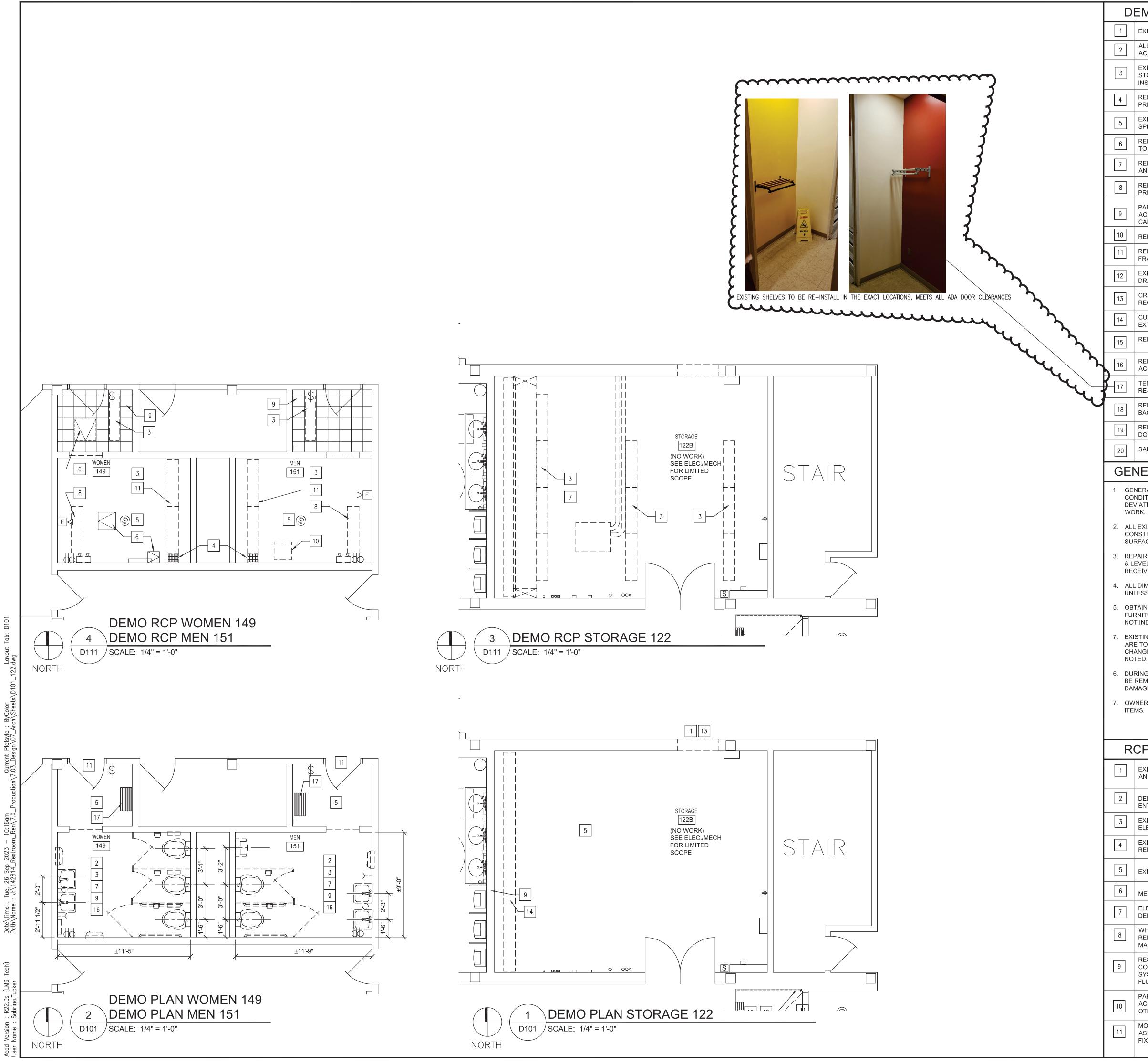
Ver Nar SPACE



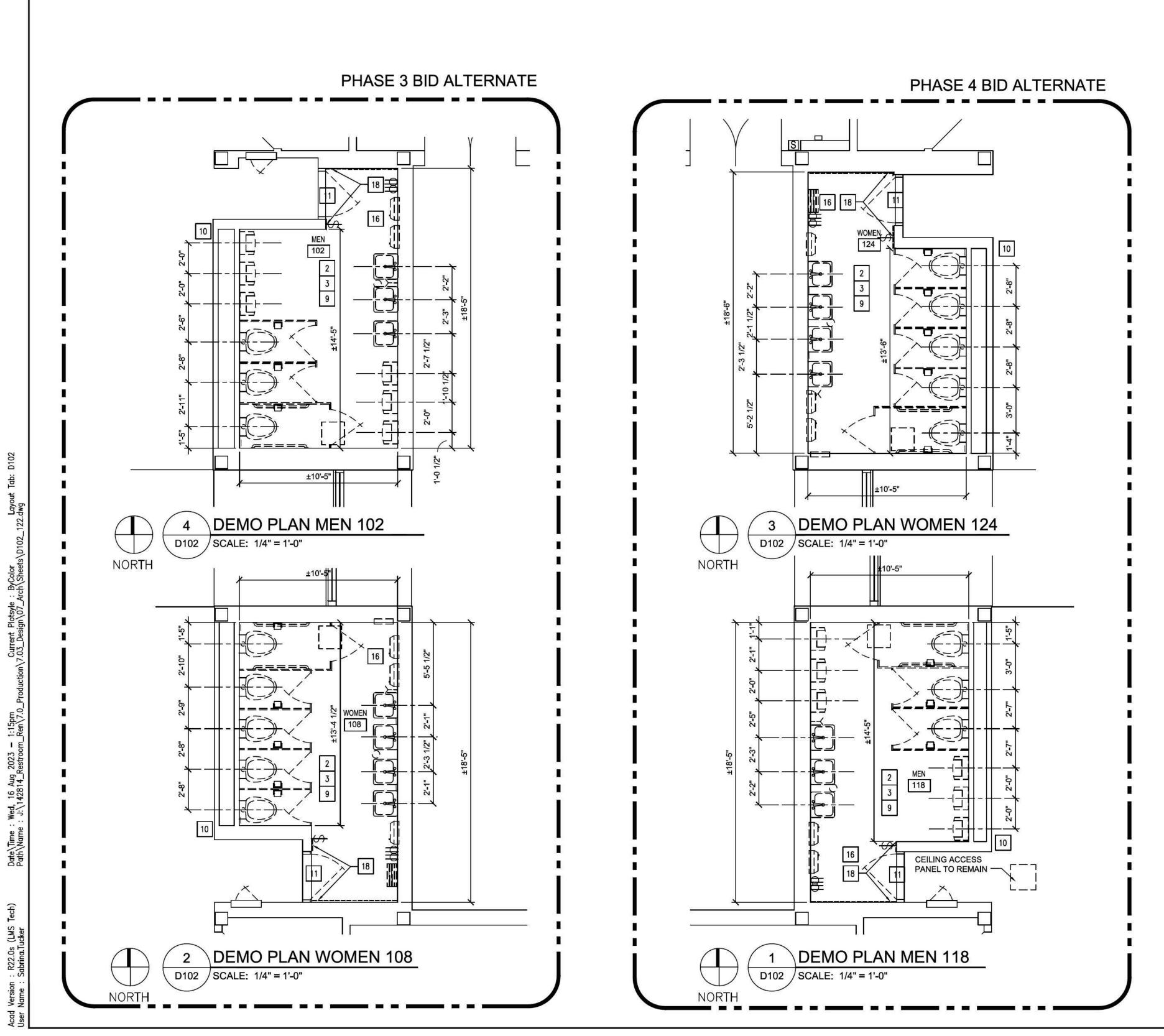


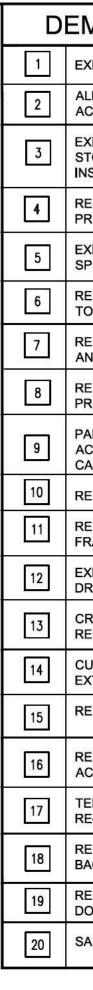


R22.0s (LMS Tech) Date\Time : Wed, 16 Aug 2023 — 4:31pm Current Plotsyle : ByColor abrina.Tucker Path\Name : J:\142814_Restroom_Ren\7.0_Production\7.03_Design\07_Arch\Sheets\D100



		VT 520
MOLITION KEYNOTES: XISTING WALL TO BE DEMOLISHED,	GENERAL DEMOLITION NOTES:	MEN7 5 - 7520
LL EXISTING PLUMBING FIXTURES & TOILET CCESSORIES and MIRRORS TO BE DEMOLISHED.	1. GENERAL CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS AND NOTIFY ARCHITECT OF ANY KNOWN DEVIATION FROM THE PLANS PRIOR TO BEGINNING OF THE	GE 2769
XISTING MARBLE PARTITIONS TO BE REMOVED & TORED OR DEMOLISHED AS PER OWNER'S ISTRUCTIONS.	 WORK. 2. ALL EXISTING SURFACES DAMAGED OR AFFECTED BY NEW CONSTRUCTION TO BE REPAIRED TO MATCH ADJACENT SURFACES U.O.N. 	MANA carolina
EMOVE EXISTING CT FLOORING, LEVEL SURFACE AND REPARE SUBSTRATE TO RECEIVE NEW FLOORING	3. REPAIR FLOOR SUBSTRATE WHERE REQUIRED FOR STABLE & LEVEL CONDITION. PREPARE THE EXISTING SUBFLOOR TO	
XISTING FLOORING TO BE ABATED. SEE ASBESTOS PEC.	RECEIVE NEW FLOOR COVERING.4. ALL DIMENSIONS ARE TO FACE OF FINISHED SURFACE	VERG 0 <i>JE</i> H, NO
EMOVE EXISTING GYPSUM WALL BOARD FROM FLOOR O 6" ABOVE CEILING.	UNLESS NOTED OTHERWISE. 5. OBTAIN APPROVAL OF OWNER BEFORE DEMOLISHING ANY	STATE UNIVERSITY 1TAL PROJECT 7520* RALEIGH, NORTH
EMOVE EXISTING CT ON WALLS AND FLOOR THRU-OUT ND PREPARE SUBSTRATE TO RECEIVE NEW FINISH.	FURNITURE OR EQUIPMENT WITHIN AREA OF WORK THAT IS NOT INDICATED ON THESE PLANS.	TALE 520* F
EMOVE EXISTING THIN-SET CERAMIC TILE FLOOR. REPARE FLOOR TO RECEIVE NEW SUBSTRATE	6. ALL EXISTING PAINT MAY BE ASSUMED TO CONTAIN LEAD. CONTRACTOR IS TO FOLLOW OSHA 1926.62 AND NIBS 1995 WHEN DISTURBING PAINT.	
ARTIALLY DEMOLISH CMU WALLS AS NEEDED TO GAIN CCESS TO EXISTING PLUMBING PIPING AND FIXTURE ARRIERS.	 7. PROTECT EXIST. EQUIP. & FINISHES DURING WORK. RESTORE ALL SURFACES TO PREVIOUS CONDITION UPON COMPLETION, UNLESS OTHERWISE NOTED. 	
EMOVE EXISTING SIGNAGE & GIVE TO OWNER.	 PATCH HOLES IN WALLS PRIOR TO REFINISHING. EXISTING PAINTED SURFACES DISTURBED BY THE WORK, 	023-08-15 S. TUCKER S. TUCKER S. TUCKER
RAME AND TRANSOM PANEL. XISTING CLEAN-OUT TO REMAIN. SEE PLUMBING	ARE TO BE REPAINTED IN THEIR ENTIRETY TO THE NEAREST CHANGE IN MATERIAL OR PLANE, UNLESS OTHERWISE NOTED.	0 0 0 0 0
RAWINGS. REATE NEW ROUGH OPENING IN PARTITION WALL TO ECEIVE NEW DOOR AND HM FRAME.	10. DURING DEMOLITION. ALL ITEMS TO BE DEMOLISHED SHALL BE REMOVED IN A MANNER CONSISTENT WITH MINIMAL DAMAGE TO EXISTING ITEMS THAT ARE TO REMAIN.	DATE: <u>2</u> DESNR: DN.BY: _ CK.BY: _ REV.:
UT-OUT CONCRETE SLAB FOR NEW PLUMBING. VERIFY XTENT WITH PLUMBING SCOPE.	11. NON-FIXED FURNITURE AND EQUIPMENT ARE TO BE REMOVED BY NCSU PRIOR TO START OF WORK.	BRINA L. TUCK
EMOVE DOOR AND FRAME IN ITS ENTIRETY.	12. CONTRACTOR SHALL INSPECT ALL SUBSTRATES FOR COMPLIANCE WITH MFR'S RECOMMENDATIONS PRIOR TO	RELINA L. TUCATION
EMOVE, SALVAGE AND REINSTALL OF EXISTING CCESSORIES.	13. OWNER HAS RIGHT OF FIRST REFUSAL ON ALL	(Jalrine Juelor 9/26/2023
EMPORARILY REMOVE WALL MOUNTED SHELF AND E-INSTALL AFTER NEW FINISHES.	14. EXERCISE EXTREME CARE DURING CONSTRUCTION OF THE	PALEIGH, N.C.
EMOVE MUD SET MOSAIC TILE, MUD BED AND LATH ACK TO MASONRY SUBSTRATE.	WORK TO MINIMIZE DISTURBANCES TO ADJACENT STRUCTURES AND THEIR OCCUPANTS, PROPERTY, PUBLIC THOROUGHFARES, ETC. CONTRACTOR SHALL TAKE	SEAL NOT VALID UNLESS SIGNED AND DATED
EMOVE METAL CORNER GUARD. REINSTALL AT NEW OORS.	PRECAUTIONS AND BE RESPONSIBLE FOR THE SAFETY OF ALL BUILDING OCCUPANTS FROM CONSTRUCTION PROCEDURES.	TER
ALVAGE RUBBER BASE TO BE RE-INSTALLED	TROOLDORES.	N N
ERAL DEMO RCP NOTES:		CE ION
RAL CONTRACTOR TO FIELD VERIFY ALL EXISTING ITIONS AND NOTIFY ARCHITECT OF ANY KNOWN TION FROM THE PLANS PRIOR TO BEGINNING OF THE K.		MON OVATI
XISTING SURFACES DAMAGED OR AFFECTED BY NEW TRUCTION TO BE REPAIRED TO MATCH ADJACENT ACES U.O.N.	LEGEND:	KIMMON RENOVA' 7-01A 1/323
IR FLOOR SUBSTRATE WHERE REQUIRED FOR STABLE EL CONDITION. PREPARE THE EXISTING SUBFLOOR TO IVE NEW FLOOR COVERING.		McK OM 25847-25847
IMENSIONS ARE TO FACE OF FINISHED SURFACE SS NOTED OTHERWISE.	= $=$ $=$ $=$ $=$ $=$ existing to be demolished	## [5 O
IN APPROVAL OF OWNER BEFORE DEMOLISHING ANY ITURE OR EQUIPMENT WITHIN AREA OF WORK THAT IS NDICATED ON THESE PLANS.	EXISTING DOOR TO BE REMOVED OR RELOCATED	NCSU RESTR sco ID # 2 code/item
ING PAINTED SURFACES DISTURBED BY THE WORK, O BE REPAINTED IN THEIR ENTIRETY TO THE NEAREST GE IN MATERIAL OR PLANE, UNLESS OTHERWISE D.	EXISTING DOOR TO REMAIN	
NG DEMOLITION. ALL ITEMS TO BE DEMOLISHED SHALL MOVED IN A MANNER CONSISTENT WITH MINIMAL GE TO EXISTING ITEMS THAT ARE TO REMAIN.	TOILET ROOM NAME/NUMBER	
ER HAS RIGHT OF FIRST REFUSAL ON ALL SALVAGEABLE 3.		
	BUILDING KEYPLAN	PLANS
P DEMOLITION KEYNOTES:		ЪГ
XISTING LAY-IN CEILING GRID SUSPENSION SYSTEM ND TILES TO BE DEMOLISHED.		DEMOLITION
EMOLISH EXISTING FRAMED PLASTER CEILING IN ITS NTIRETY.	FIRST FLOOR	
XISTING LIGHT FIXTURES TO BE REMOVED. SEE LECTRICAL DRAWINGS.		
XISTING MECHANICAL DIFFUSERS/GRILLES TO BE EMOVED. SEE MECHANICAL DRAWINGS.	PHASE 3 BID ALT. PHASE 4 BID ALT.	
XISTING CEILING SPEAKER TO REMAIN.		SHEET No.
IETAL ACCESS PANEL TO REMAIN.		D101 of
EMOLISHED. SEE ELECTRICAL DRAWINGS.		Total Sheets: 00
EPAIR PLASTER CEILING HOLES W/ SIMILAR IATERIAL, PAINT WHOLE ENTIRE CEILING.		Designer Proj. No. 142814
ONCEALED SPLINE ACOUSTIC CEILING TILE YSTEM TO BE REPAIRED OF DAMAGED AND NOT LUSHED TILES.	Arcadis Architects, Engineers and Landscape Architects, a New York General Partnership 421 Fayetteville Street Suite 1609	NCSU Proj. No. 202220029
ARTIAL DEMO OF PLASTER CEILING FOR NEW CCESS PANELS. VERIFY PANEL LOCATION WITH OTHER TRADES.	Raleigh NC 27601 USA tel 919 851 4211 arcadis.com	FAC. NAME McKIMMON
IODIFY EXISTING OPENINGS IN PLASTER CEILINGS IS REQUIRED TO ACCOMMODATE NEW LIGHT IXTURES.	CONSTRUCTION DOCUMENT PHASE	CENTER <i>fac. no.</i> 129



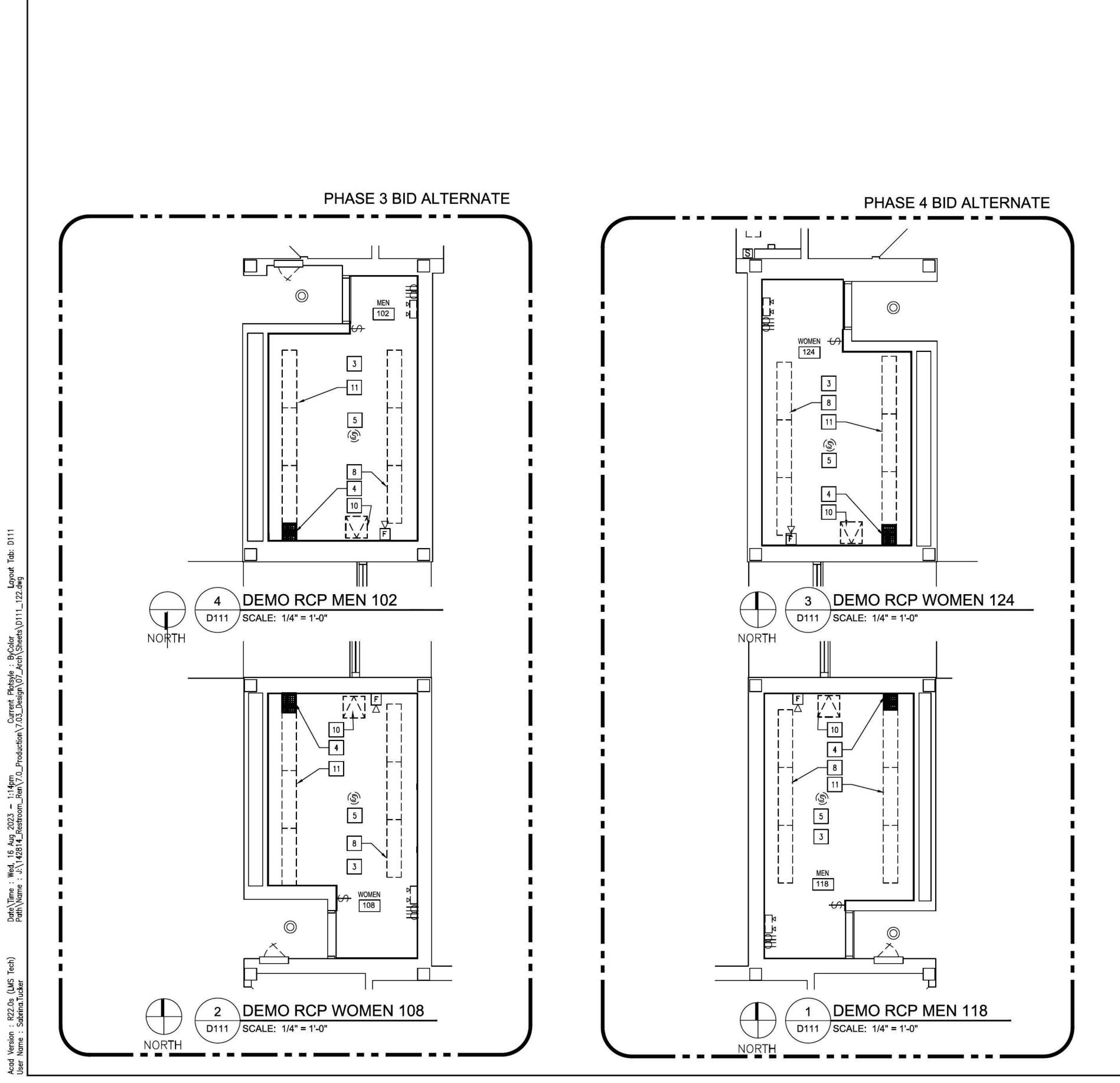


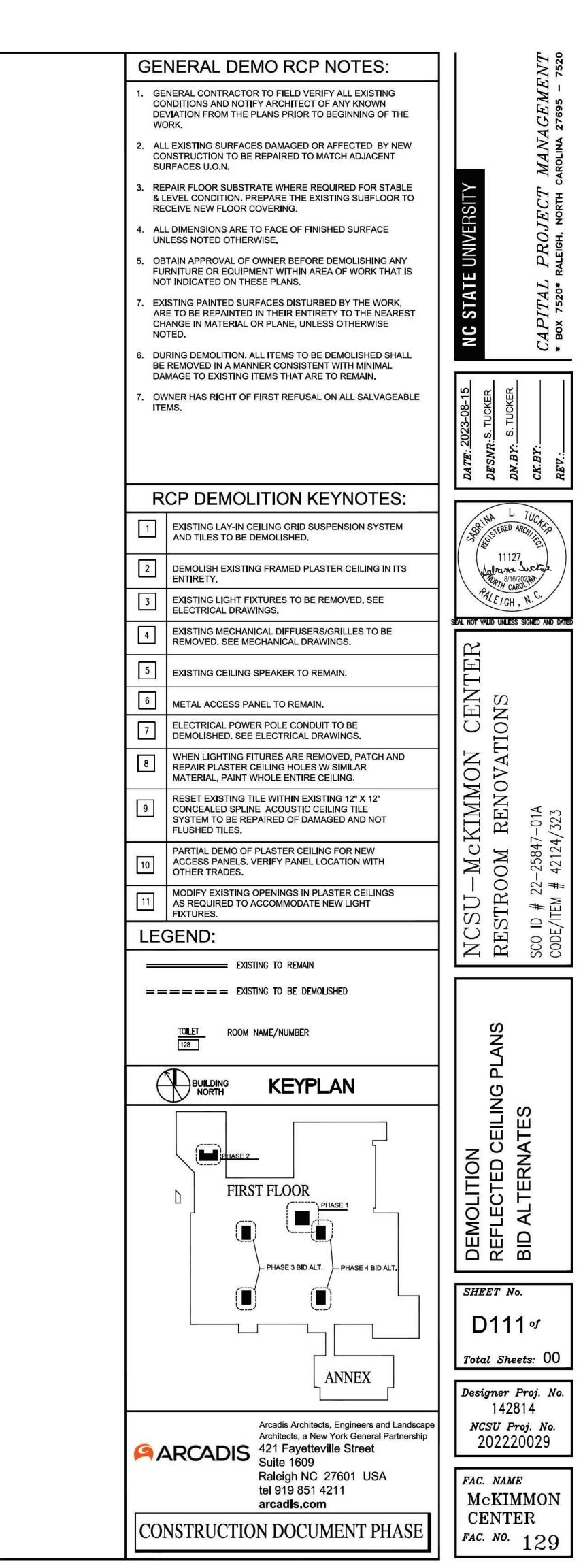
MOLITION KEYNOTES:	GENERAL DEMOLITION NOTES:	NT 7520
XISTING WALL TO BE DEMOLISHED,	1. GENERAL CONTRACTOR TO FIELD VERIFY ALL EXISTING	EME. 695 -
LL EXISTING PLUMBING FIXTURES & TOILET CCESSORIES and MIRRORS TO BE DEMOLISHED.	CONDITIONS AND NOTIFY ARCHITECT OF ANY KNOWN DEVIATION FROM THE PLANS PRIOR TO BEGINNING OF THE WORK.	AG
XISTING MARBLE PARTITIONS TO BE REMOVED & TORED OR DEMOLISHED AS PER OWNER'S ISTRUCTIONS.	2. ALL EXISTING SURFACES DAMAGED OR AFFECTED BY NEW CONSTRUCTION TO BE REPAIRED TO MATCH ADJACENT SURFACES U.O.N.	MANA carolina
EMOVE EXISTING CT FLOORING, LEVEL SURFACE AND REPARE SUBSTRATE TO RECEIVE NEW FLOORING	3. REPAIR FLOOR SUBSTRATE WHERE REQUIRED FOR STABLE & LEVEL CONDITION. PREPARE THE EXISTING SUBFLOOR TO	UNIVERSITY PROJECT
XISTING FLOORING TO BE ABATED. SEE ASBESTOS PEC.	4. ALL DIMENSIONS ARE TO FACE OF FINISHED SURFACE	UNIVERS PROJE
EMOVE EXISTING GYPSUM WALL BOARD FROM FLOOR O 6" ABOVE CEILING.	UNLESS NOTED OTHERWISE. 5. OBTAIN APPROVAL OF OWNER BEFORE DEMOLISHING ANY	
EMOVE EXISTING CT ON WALLS AND FLOOR THRU-OUT ND PREPARE SUBSTRATE TO RECEIVE NEW FINISH.	FURNITURE OR EQUIPMENT WITHIN AREA OF WORK THAT IS NOT INDICATED ON THESE PLANS.	STATE STATE
EMOVE EXISTING THIN-SET CERAMIC TILE FLOOR. REPARE FLOOR TO RECEIVE NEW SUBSTRATE	 ALL EXISTING PAINT MAY BE ASSUMED TO CONTAIN LEAD. CONTRACTOR IS TO FOLLOW OSHA 1926.62 AND NIBS 1995 WHEN DISTURBING PAINT. 	NC S
ARTIALLY DEMOLISH CMU WALLS AS NEEDED TO GAIN CCESS TO EXISTING PLUMBING PIPING AND FIXTURE ARRIERS.	7. PROTECT EXIST. EQUIP. & FINISHES DURING WORK. RESTORE ALL SURFACES TO PREVIOUS CONDITION UPON COMPLETION, UNLESS OTHERWISE NOTED.	
EMOVE EXISTING SIGNAGE & GIVE TO OWNER. EMOVE EXISTING DOOR AND HARDWARE LEAVE	8. PATCH HOLES IN WALLS PRIOR TO REFINISHING.	3-08-15 TUCKER TUCKER
RAME AND TRANSOM PANEL.	 EXISTING PAINTED SURFACES DISTURBED BY THE WORK, ARE TO BE REPAINTED IN THEIR ENTIRETY TO THE NEAREST CHANGE IN MATERIAL OR PLANE, UNLESS OTHERWISE NOTED. 	8 N
RAWINGS. REATE NEW ROUGH OPENING IN PARTITION WALL TO ECEIVE NEW DOOR AND HM FRAME.	10. DURING DEMOLITION. ALL ITEMS TO BE DEMOLISHED SHALL BE REMOVED IN A MANNER CONSISTENT WITH MINIMAL	DATE: ' DESNR DN.BY: CK.BY: REV.:
UT-OUT CONCRETE SLAB FOR NEW PLUMBING. VERIFY XTENT WITH PLUMBING SCOPE.	DAMAGE TO EXISTING ITEMS THAT ARE TO REMAIN. 11. NON-FIXED FURNITURE AND EQUIPMENT ARE TO BE	
EMOVE DOOR AND FRAME IN ITS ENTIRETY.	REMOVED BY NCSU PRIOR TO START OF WORK. 12. CONTRACTOR SHALL INSPECT ALL SUBSTRATES FOR	STERED ARCHITES
EMOVE, SALVAGE AND REINSTALL OF EXISTING CCESSORIES.	COMPLIANCE WITH MFR'S RECOMMENDATIONS PRIOR TO INSTALLING FINISH MATERIALS.	till27 Johrania Sucted
EMPORARILY REMOVE WALL MOUNTED SHELF AND E-INSTALL AFTER NEW FINISHES.	13. OWNER HAS RIGHT OF FIRST REFUSAL ON ALL SALVAGEABLE ITEMS.	PALE/GH, N.C.
EMOVE MUD SET MOSAIC TILE, MUD BED AND LATH ACK TO MASONRY SUBSTRATE.	14. EXERCISE EXTREME CARE DURING CONSTRUCTION OF THE WORK TO MINIMIZE DISTURBANCES TO ADJACENT STRUCTURES AND THEIR OCCUPANTS, PROPERTY, PUBLIC	seal not valid unless signed and date
EMOVE METAL CORNER GUARD. REINSTALL AT NEW OORS.	THOROUGHFARES, ETC. CONTRACTOR SHALL TAKE PRECAUTIONS AND BE RESPONSIBLE FOR THE SAFETY OF ALL BUILDING OCCUPANTS FROM CONSTRUCTION	ER
ALVAGE RUBBER BASE TO BE RE-INSTALLED	PROCEDURES.	CENTER ONS
	LEGEND:	McKIMMON DM RENOVATI 25847–01A 42124/323
	EXISTING WALLS TO REMAIN	-McF OM -25847 42124,
	= $=$ $=$ $=$ $=$ $=$ existing to be demolished	U — RO # 22
	EXISTING DOOR TO BE REMOVED OR RELOCATED	NCSU- RESTR sco ID # 2 code/item
	EXISTING DOOR TO REMAIN	
	TOILET ROOM NAME/NUMBER	
		SNS
	FIRST FLOOR	DEMOLITION PLANS BID ALTERNATES
		SHEET No. D102 of Total Sheets: 00
	Arcadis Architects, Engineers and Landscape Architects, a New York General Partnership 421 Fayetteville Street Suite 1609	Designer Proj. No. 142814 <i>NCSU Proj. No.</i> 202220029
	Raleigh NC 27601 USA tel 919 851 4211 arcadis.com	<i>fac. name</i> McKIMMON

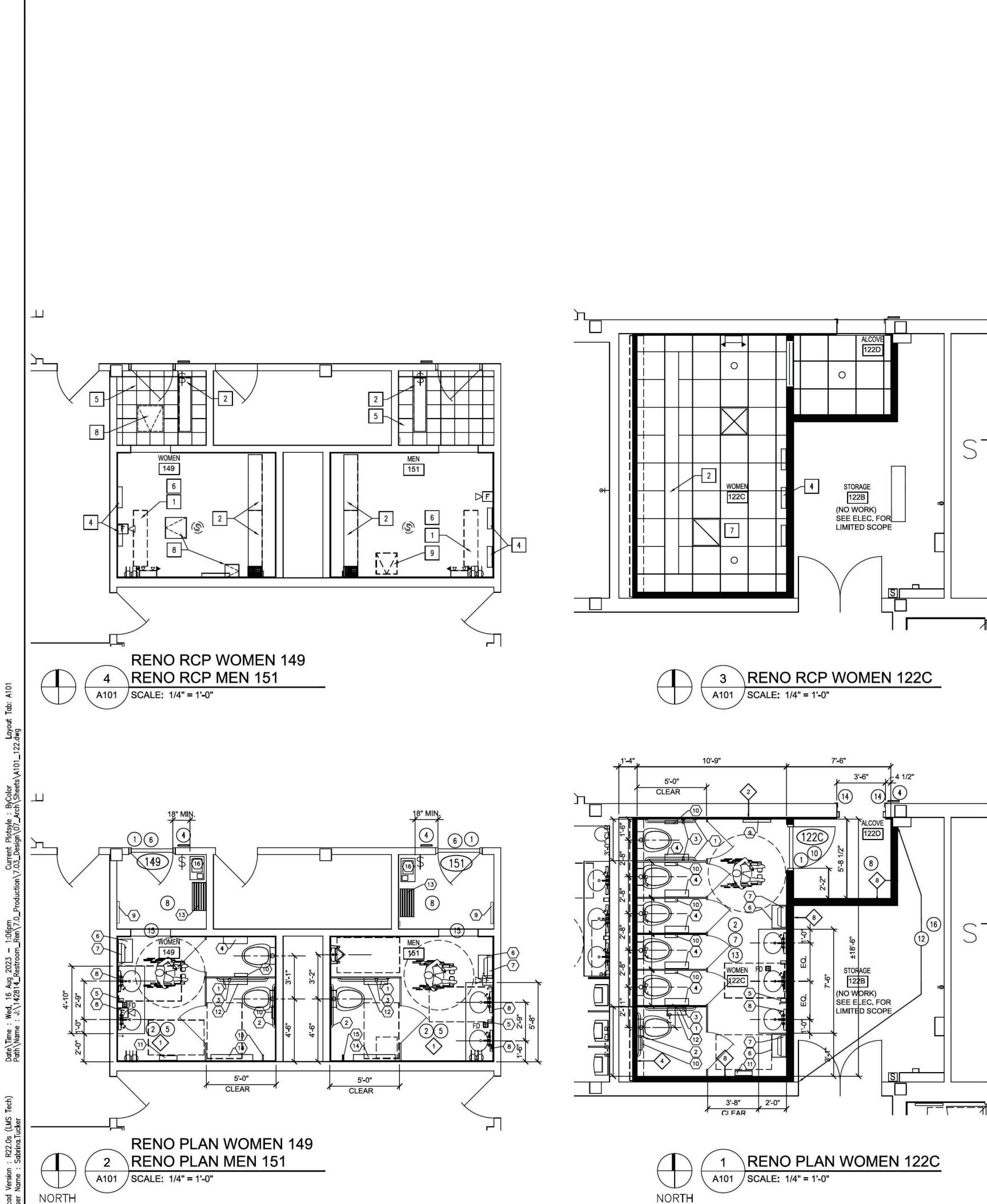
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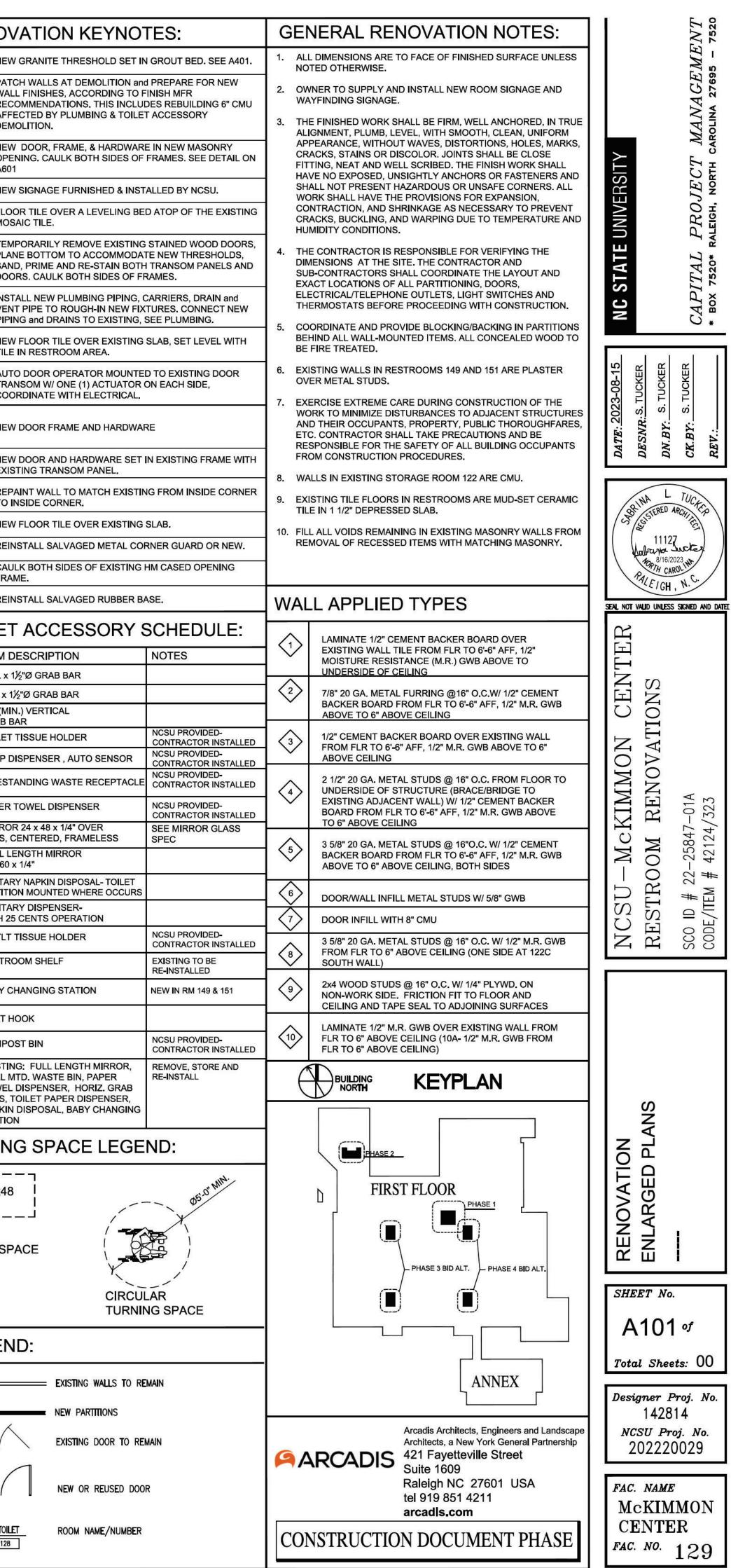
CONSTRUCTION DOCUMENT PHASE

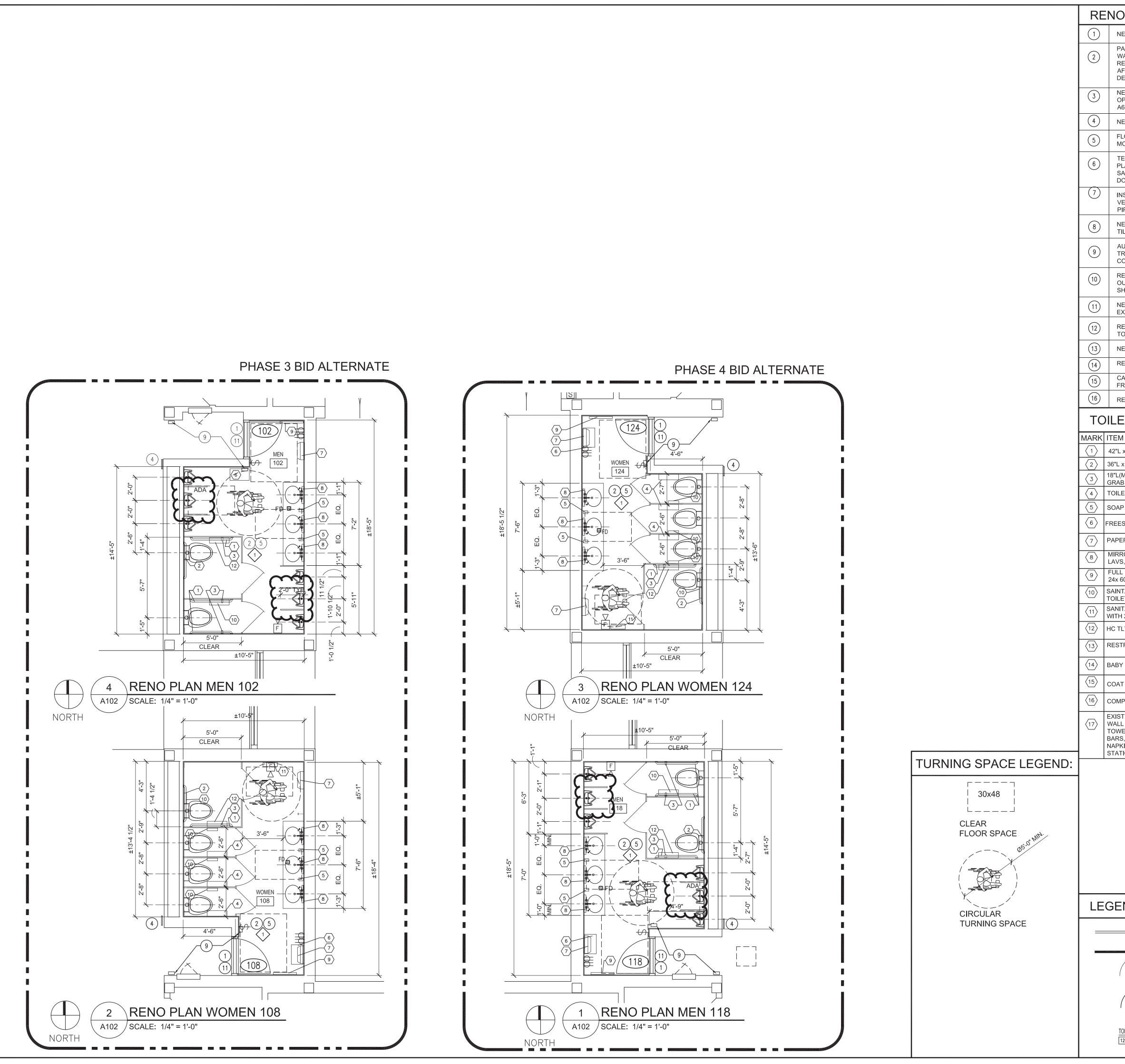






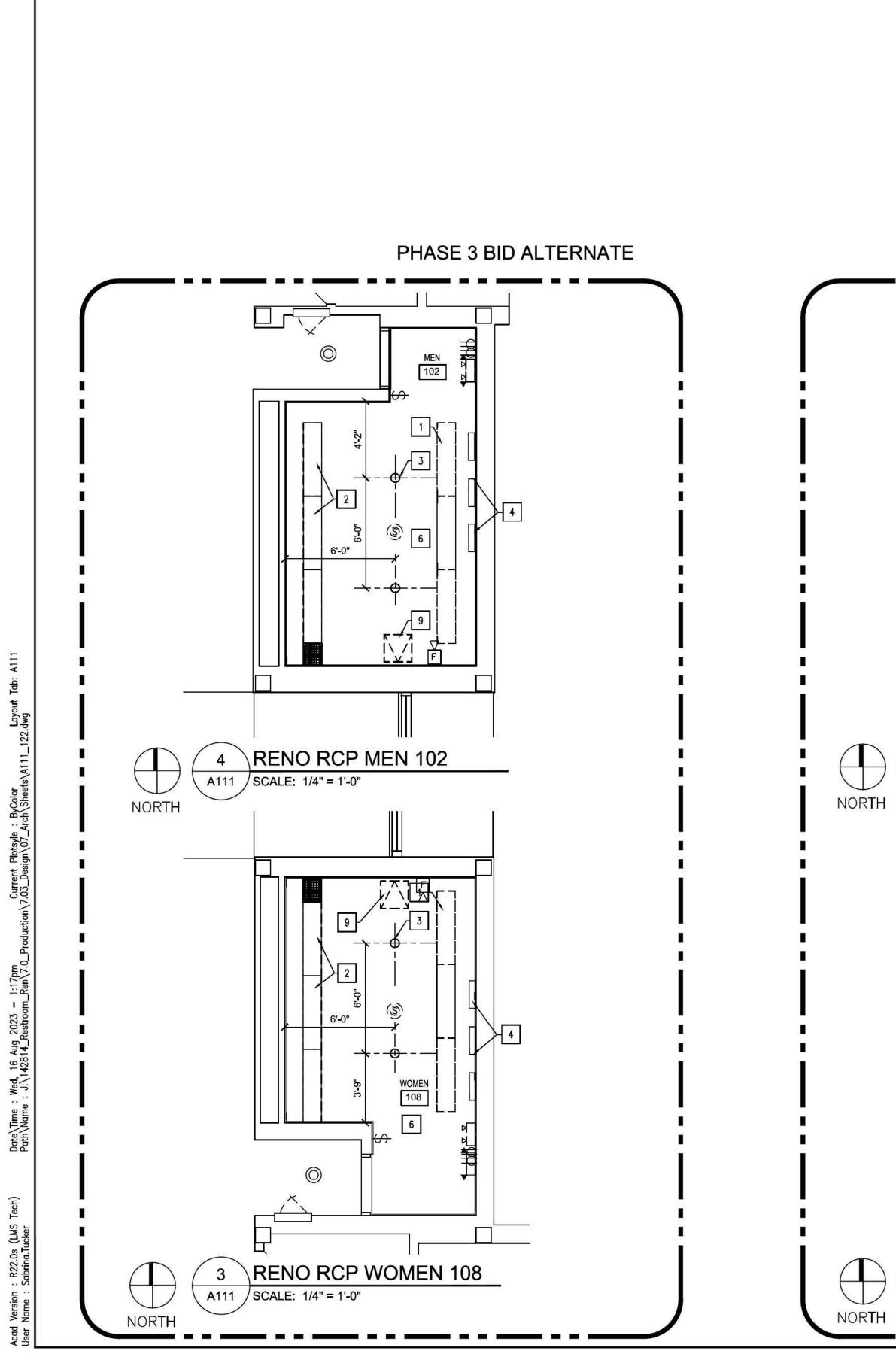
	GE	NERAL CEILING NOTES:	RE	NOVAT
		ERAL CONTRACTOR TO FIELD VERIFY ALL EXISTING	1	NEW GRAN
	FRO 2. ALL	DITIONS AND NOTIFY ARCHITECT OF ANY KNOWN DEVIATION M THE PLANS PRIOR TO BEGINNING OF THE WORK. EXISTING SURFACES DAMAGED OR AFFECTED BY NEW STRUCTION TO BE REPAIRED TO MATCH ADJACENT	2	PATCH WA WALL FINIS RECOMME AFFECTED
	3. MET	FACES U.O.N. AL ACCESS PANEL TO REMAIN.	3	NEW DOOI OPENING. (A601
	SPE	LIGHT FIXTURE TRIM RINGS EXPOSED CONDUITS, J-BOXES, AKER GRILLES AND HVAC GRILLES (LAY-IN AND PLASTER RD CEILINGS) SHALL BE FINISHED PER FINISH SCHEDULES.	4	NEW SIGNA
		ELECTRICAL DRAWINGS FOR ALL EMERGENCY LIGHTS AND ALARM DEVICES.	5	FLOOR TILE MOSAIC TIL
		MECHANICAL DRAWINGS FOR NEW/RELOCATED DIFFUSERS. EXISTING AND NEW CEILINGS ARE 10'-0" A.F.F., UNO.	6	TEMPORAF PLANE BOT SAND, PRIM DOORS. CA
	С	EILING KEYNOTES:	0	INSTALL NE VENT PIPE PIPING and
	1	PATCH PLASTER CEILING AFTER REMOVAL OF LIGHT FIXTURE AND TRIM. ENSURE SMOOTH TRANSITION FROM PATCH TO EXISTING CEILING.	8	NEW FLOO TILE IN RES
	2	NEW LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.	(9)	TRANSOM COORDINA
	3	CREATE OPENINGS IN PLASTER CEILING TO RECESS NEW CAN LIGHTS. SEE ELECTRICAL DRAWINGS.	10	NEW DOOF
	4	NEW WALL MOUNTED VANITY LIGHTS. SEE ELECTRICAL DRAWINGS.	(1)	NEW DOOR EXISTING T
	5	REPAIR AND RE-SET EXISTING CONCEALED SPLINE SUSPENDED 12" x 12" ACOUSTIC CEILING TILE SYSTEM.	12	REPAINT W
	6	PATCH ANY EXISTING SURFACE CRACKS IN PLASTER CEILING AND REPAINT ENTIRE CEILING.	13	NEW FLOO
	7	NEW SUSPENDED ACOUSTICAL TILE CEILING.	14	CAULK BOT
	8	RE-PAINT EXISTING METAL ACCESS PANEL.	(15)	FRAME.
(-	9	NEW ACCESS PANEL 16"X16" PAINTED METAL ACCESS PANEL. LOCATION TO BE DETERMINED IN FIELD FOR ACCESS TO VALVES AND/OR J-BOXES. COORDINATE WITH PLUMBING AND ELECTRICAL.	(16) TO	
	CEI			
			$\left\langle 1 \right\rangle$ $\left\langle 2 \right\rangle$	42"L x 1½"Ø GI 36"L x 1½"Ø GF
		24" X 24" SUSPENDED ACOUSTIC CEILING TILE	$\langle 3 \rangle$	18"L(MIN.) VER GRAB BAR
	-+++	+++		SOAP DISPENS
		EXISTING 12" x 12" CONCEALED SPLINE ACOUSTIC CEILING TILE SYSTEM		FREESTANDIN
—	(D DOWNLIGHT FIXTURE	 (7) (8) 	PAPER TOWEL
7		LIGHT FIXTURE	() (9)	LAVS, CENTER FULL LENGTH 24x 60 x 1/4"
		RECESSED LIGHT FIXTURE	$\langle 10 \rangle$	SAINTARY NAPP
	9'-	0" CEILING HEIGHT DESIGNATION	(11)	SANITARY DIS WITH 25 CENT
				HC TLT TISSUE
	Ň,	EXISTING CEILING ACCESS PANEL	(13) (14)	RESTROOM SH BABY CHANGI
			(15)	COAT HOOK
				COMPOST BIN
				EXISTING: FUI WALL MTD. W/ TOWEL DISPE BARS, TOILET NAPKIN DISPO
			TUF	STATION
				30x48
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				TOILET 128



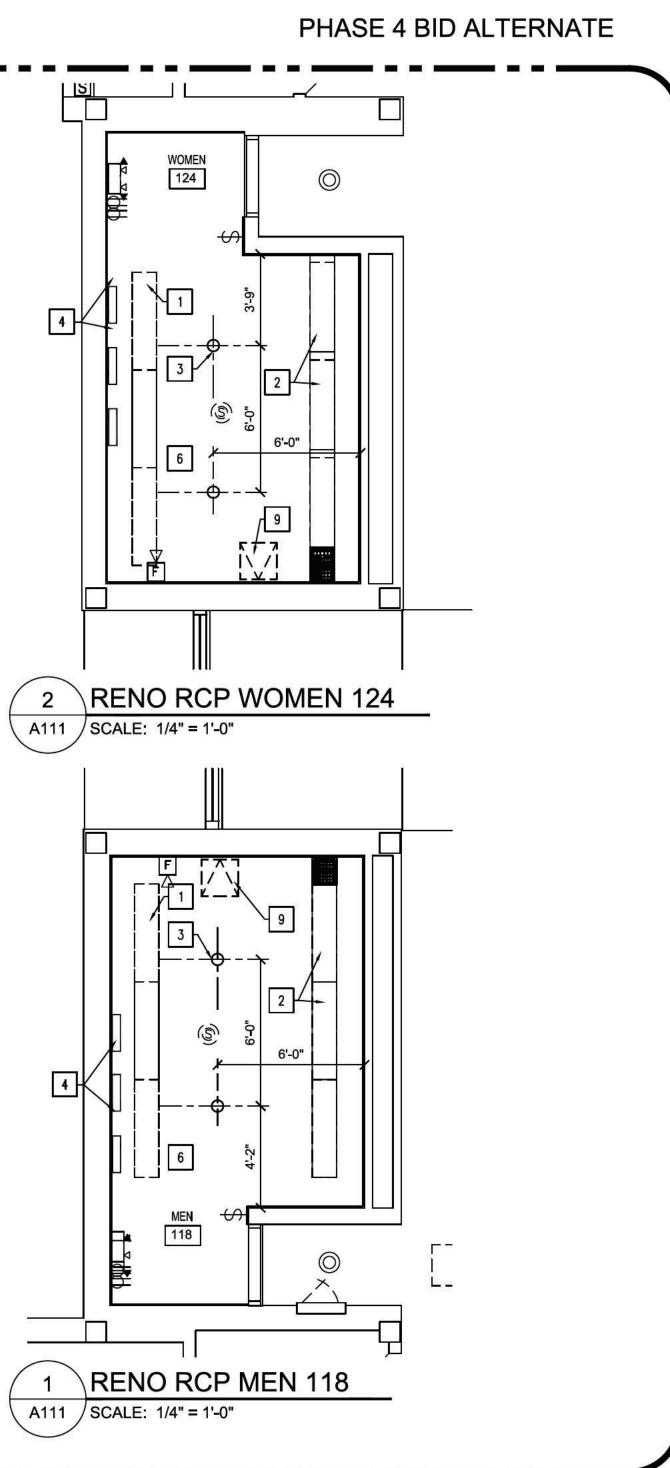


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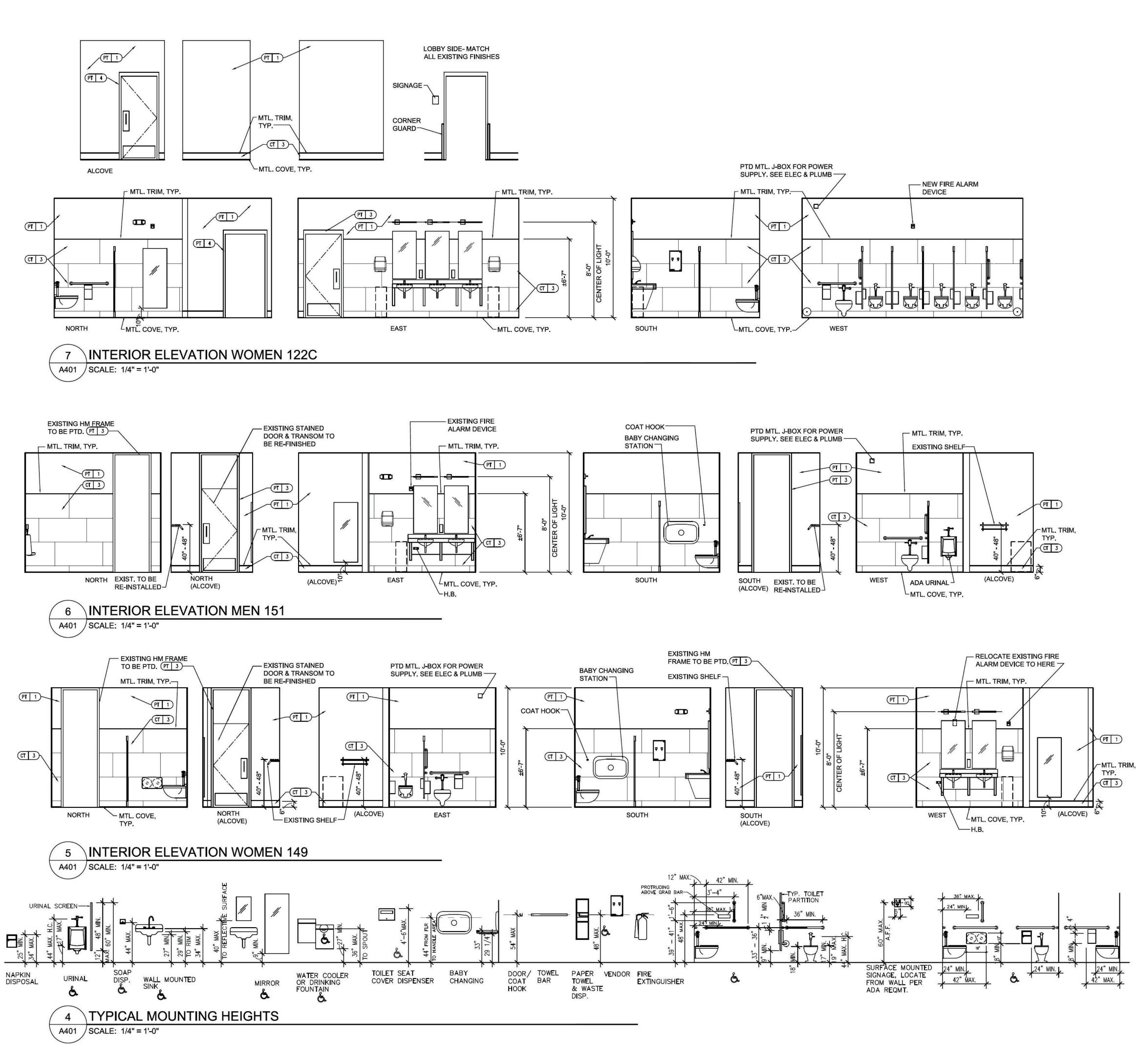
OVATION KEYNO	TES	GEI	NERAL RENOVATION NOTES:	√ <i>T</i> 520
NEW GRANITE THRESHOLD SET IN		1. AL	L DIMENSIONS ARE TO FACE OF FINISHED SURFACE UNLESS	MEN 5 - 75
PATCH WALLS AT DEMOLITION and WALL FINISHES, ACCORDING TO F RECOMMENDATIONS. THIS INCLUI AFFECTED BY PLUMBING & TOILE DEMOLITION.	D PREPARE FOR NEW INISH MFR DES REBUILDING 6" CMU	NC 2. OV W/ 3. TH	OTED OTHERWISE. WNER TO SUPPLY AND INSTALL NEW ROOM SIGNAGE AND AYFINDING SIGNAGE. E FINISHED WORK SHALL BE FIRM, WELL ANCHORED, IN TRUE	MANAGEM
NEW DOOR, FRAME, & HARDWAR OPENING. CAULK BOTH SIDES OF A601		AP CR FIT	IGNMENT, PLUMB, LEVEL, WITH SMOOTH, CLEAN, UNIFORM PEARANCE, WITHOUT WAVES, DISTORTIONS, HOLES, MARKS, ACKS, STAINS OR DISCOLOR. JOINTS SHALL BE CLOSE TING, NEAT AND WELL SCRIBED. THE FINISH WORK SHALL VE NO EXPOSED, UNSIGHTLY ANCHORS OR FASTENERS AND	RSITY
NEW SIGNAGE FURNISHED & INST FLOOR TILE OVER A LEVELING BE MOSAIC TILE.		SH WC CC CR	ALL NOT PRESENT HAZARDOUS OR UNSAFE CORNERS. ALL ORK SHALL HAVE THE PROVISIONS FOR EXPANSION, INTRACTION, AND SHRINKAGE AS NECESSARY TO PREVENT CACKS, BUCKLING, AND WARPING DUE TO TEMPERATURE AND MIDITY CONDITIONS.	PROJE
TEMPORARILY REMOVE EXISTING PLANE BOTTOM TO ACCOMMODA SAND, PRIME AND RE-STAIN BOTH DOORS. CAULK BOTH SIDES OF FF	TE NEW THRESHOLDS, I TRANSOM PANELS AND RAMES.	4. TH DIN SU EX	E CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE MENSIONS AT THE SITE. THE CONTRACTOR AND IB-CONTRACTORS SHALL COORDINATE THE LAYOUT AND ACT LOCATIONS OF ALL PARTITIONING, DOORS, ECTRICAL/TELEPHONE OUTLETS, LIGHT SWITCHES AND	STATE
INSTALL NEW PLUMBING PIPING, O VENT PIPE TO ROUGH-IN NEW FIX PIPING and DRAINS TO EXISTING, S	TURES. CONNECT NEW SEE PLUMBING.	тн 5. сс	ERMOSTATS BEFORE PROCEEDING WITH CONSTRUCTION. ORDINATE AND PROVIDE BLOCKING/BACKING IN PARTITIONS HIND ALL WALL-MOUNTED ITEMS. ALL CONCEALED WOOD TO	CAP * Box
NEW FLOOR TILE OVER EXISTING TILE IN RESTROOM AREA. AUTO DOOR OPERATOR MOUNTED TRANSOM W/ ONE (1) ACTUATOR (D TO EXISTING DOOR	ВЕ 6. ЕХ	FIRE TREATED. ISTING WALLS IN RESTROOMS 102, 108, 118, 124, 149 AND 151 E MUD-SET CERAMIC TILE OVER CMU, EXCEPT WC WALLS IN	3-08-15 TUCKER TUCKER
TRANSOM W/ ONE (1) ACTUATOR (COORDINATE WITH ELECTRICAL.	CH EXISTING FROM	149 7. EX	AND 151 ARE PLASTER OVER METAL STUDS. ERCISE EXTREME CARE DURING CONSTRUCTION OF THE DRK TO MINIMIZE DISTURBANCES TO ADJACENT STRUCTURES	2023-08 R.S. TUC
OUTSIDE CORNER AT NORTH TO D SHOP 138.		AN ET RE	ID THEIR OCCUPANTS, PROPERTY, PUBLIC THOROUGHFARES, C. CONTRACTOR SHALL TAKE PRECAUTIONS AND BE SPONSIBLE FOR THE SAFETY OF ALL BUILDING OCCUPANTS OM CONSTRUCTION PROCEDURES.	DATE: 202 DESNR: <u>S.</u> DN.BY: <u>S.</u> CK.BY: REV.:
EXISTING TRANSOM PANEL.	IG FROM INSIDE CORNER	8. WA	ALLS IN EXISTING SINGLE OCCUPANT 136 ARE THIN-SET	
TO INSIDE CORNER.		9. EX	RAMIC TILE OVER EITHER PLASTER OR GWB. ISTING TILE FLOORS IN RESTROOMS ARE MUD-SET CERAMIC .E IN 1 1/2" DEPRESSED SLAB, EXCEPT RM 136 WHICH IS	SSEERED ARCHITES
REINSTALL SALVAGED METAL COP CAULK BOTH SIDES OF EXISTING I		TH 10. FIL	IN-SET OVER FLUSH SLAB. L ALL VOIDS REMAINING IN EXISTING MASONRY WALLS FROM	Jalinine Juetor 9/26/2023 100774 CAROLINA
FRAME. REINSTALL SALVAGED RUBBER BA	ASE		MOVAL OF RECESSED ITEMS WITH MATCHING MASONRY.	SEAL NOT VALID UNLESS SIGNED AND DATED
ET ACCESSORY S	SCHEDULE:		LAMINATE 1/2" CEMENT BACKER BOARD OVER	
EM DESCRIPTION "L x 1½"Ø GRAB BAR	NOTES		EXISTING WALL TILE FROM FLR TO 6'-6" AFF, 1/2" MOISTURE RESISTANCE (M.R.) GWB ABOVE TO UNDERSIDE OF CEILING	
"L x 1½"Ø GRAB BAR L(MIN.) VERTICAL AB BAR		2	7/8" 20 GA. METAL FURRING @16" O.C.W/ 1/2" CEMENT BACKER BOARD FROM FLR TO 6'-6" AFF, 1/2" M.R. GWB ABOVE TO 6" ABOVE CEILING	CEN IONS
ILET TISSUE HOLDER AP DISPENSER , AUTO SENSOR	NCSU PROVIDED- CONTRACTOR INSTALLED NCSU PROVIDED- CONTRACTOR INSTALLED	3	1/2" CEMENT BACKER BOARD OVER EXISTING WALL FROM FLR TO 6'-6" AFF, 1/2" M.R. GWB ABOVE TO 6" ABOVE CEILING	MON OVATI
EESTANDING WASTE RECEPTACLE PER TOWEL DISPENSER RROR 24 x 48 x 1/4" OVER	NCSU PROVIDED- CONTRACTOR INSTALLED NCSU PROVIDED- CONTRACTOR INSTALLED SEE MIRROR GLASS	4	2 1/2" 20 GA. METAL STUDS @ 16" O.C. FROM FLOOR TO UNDERSIDE OF STRUCTURE (BRACE/BRIDGE TO EXISTING ADJACENT WALL) W/ 1/2" CEMENT BACKER BOARD FROM FLR TO 6'-6" AFF, 1/2" M.R. GWB ABOVE TO 6" ABOVE CEILING	KIMI REN -01A /323
VS, CENTERED, FRAMELESS ILL LENGTH MIRROR x 60 x 1/4" INTARY NAPKIN DISPOSAL-	SPEC	5	3 5/8" 20 GA. METAL STUDS @ 16"O.C. W/ 1/2" CEMENT BACKER BOARD FROM FLR TO 6'-6" AFF, 1/2" M.R. GWB ABOVE TO 6" ABOVE CEILING, BOTH SIDES (ONE SIDE AT LAVS IN 137)	McF 200M 22-25847 # 42124,
ILET PARTITION MOUNTED		6	DOOR/WALL INFILL METAL STUDS W/ 5/8" GWB	
TH 25 CENTS OPERATION	NCSU PROVIDED-		DOOR INFILL WITH 8" CMU	
STROOM SHELF	CONTRACTOR INSTALLED EXISTING TO BE RE-INSTALLED	8	3 5/8" 20 GA. METAL STUDS @ 16" O.C. W/ 1/2" M.R. GWB FROM FLR TO 6" ABOVE CEILING (ONE SIDE AT 137)	R SC(COI
BY CHANGING STATION	NEW IN RM 149 & 151	9	2x4 WOOD STUDS @ 16" O.C. W/ 1/4" PLYWD. ON NON-WORK SIDE. FRICTION FIT TO FLOOR AND CEILING AND TAPE SEAL TO ADJOINING SURFACES	
MPOST BIN	NCSU PROVIDED- CONTRACTOR INSTALLED		LAMINATE 1/2" M.R. GWB OVER EXISTING WALL FROM FLR TO 6" ABOVE CEILING (10A- 1/2" M.R. GWB FROM FLR TO 6" ABOVE CEILING)	
ISTING: FULL LENGTH MIRROR, ALL MTD. WASTE BIN, PAPER WEL DISPENSER, HORIZ. GRAB RS, TOILET PAPER DISPENSER,	REMOVE, STORE AND RE-INSTALL		BUILDING KEYPLAN	
PKIN DISPOSAL, BABY CHANGING ATION			FIRST FLOOR PHASE 1 PHASE 1 PHASE 1 PHASE 3 BID ALT. PHASE 4 BID ALT.	RENOVATION ENLARGED PLANS BID ALTERNATES VICTOR
END:				Total Sheets: 00
EXISTING WALLS TO RE	MAIN			Designer Proj. No. 142814
	MAIN	A /	Arcadis Architects, Engineers and Landscape Architects, a New York General Partnership 421 Fayetteville Street Suite 1609	<i>NCSU Proj. No.</i> 202220029
NEW OR REUSED DOOL TOILET ROOM NAME/NUMBER	R		Raleigh NC 27601 USA tel 919 851 4211 arcadis.com	<i>fac. name</i> McKIMMON CENTER
			NSTRUCTION DOCUMENT PHASE	<i>Fac. no.</i> 129



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7	NE
8	RE
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LING KEYNOTES: ATCH PLASTER CEILING AFTER REMOVAL OF LIGHT XTURE AND TRIM. ENSURE SMOOTH TRANSITION ROM PATCH TO EXISTING CEILING. EW LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS. EW LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS. REATE OPENINGS IN PLASTER CEILING TO RECESS EW CAN LIGHTS. SEE ELECTRICAL DRAWINGS. EW WALL MOUNTED VANITY LIGHTS. SEE ELECTRICAL RAWINGS. EPAIR AND RE-SET EXISTING CONCEALED SPLINE JSPENDED 12" x 12" ACOUSTIC CEILING TILE SYSTEM. ATCH ANY EXISTING SURFACE CRACKS IN PLASTER EILING AND REPAINT ENTIRE CEILING. EW SUSPENDED ACOUSTICAL TILE CEILING. E-PAINT EXISTING METAL ACCESS PANEL. EW ACCESS PANEL 16"X16" PAINTED METAL ACCESS ANEL. LOCATION TO BE DETERMINED IN FIELD FOR CCESS TO VALVES AND/OR J-BOXES. COORDINATE	1. GENERAL CONT CONDITIONS AN FROM THE PLAN 2. ALL EXISTING S CONSTRUCTION SURFACES U.O. 3. METAL ACCESS 4. ALL LIGHT FIXTURE SPEAKER GRILL BOARD CEILING 5. SEE ELECTRICA FIRE ALARM DE 6. SEE MECHANIC.	PANEL TO REMAIN. URE TRIM RINGS EXPOSED CONDUITS, J-BOXES, ES AND HVAC GRILLES (LAY-IN AND PLASTER S) SHALL BE FINISHED PER FINISH SCHEDULES.	NC STATE UNIVERSITY CAPITAL PROJECT MANAGEMENT * box 7520* raleigh, north carolina 27695 - 7520
ITH PLUMBING AND ELECTRICAL.	CEILING	EGEND	SAGO SAGO DESNR:S. TUCKER DESNR:S. TUCKER DN.BY: S. TUCKER CK.BY: CK.BY: REV.:
		24" X 24" SUSPENDED ACOUSTIC CEILING TILE	SBLING 11127 11127 100 100 100 100 100 100 100 10
	○ ○ □ □ □ ③ ③ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○	EXISTING 12" x 12" CONCEALED SPLINE ACOUSTIC CEILING TILE SYSTEM DOWNLIGHT FIXTURE LIGHT FIXTURE RECESSED LIGHT FIXTURE CEILING HEIGHT DESIGNATION EXISTING SPEAKER EXISTING CEILING ACCESS PANEL	U-McKIMMON CENTER FROOM RENOVATIONS # 22-25847-01A Em # 42124/323
		EXISTING WALLS TO REMAIN NEW PARTITIONS ROOM NAME/NUMBER	RENOVATION ENLARGED REFLECTED CEILING PLANS BID ALTERNATES
		PHASE 3 BID ALT. PHASE 4 BID ALT. PHASE 3 BID ALT. PHASE 4 BID ALT. Arcadis Architects, Engineers and Landscape Architects, a New York General Partnership 421 Fayetteville Street Suite 1609 Raleigh NC 27601 USA tel 919 851 4211 arcadis.com CTION DOCUMENT PHASE	NUNCSU Proj. No. 202220029 FAC. NAME MCKIMMON CENTER



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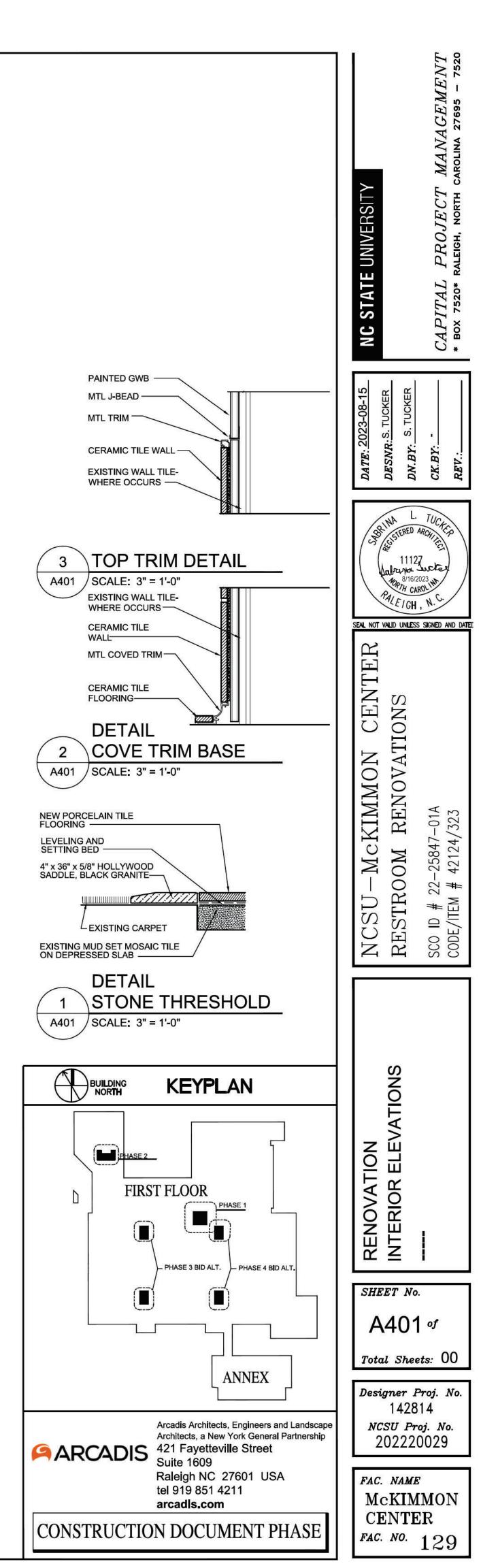
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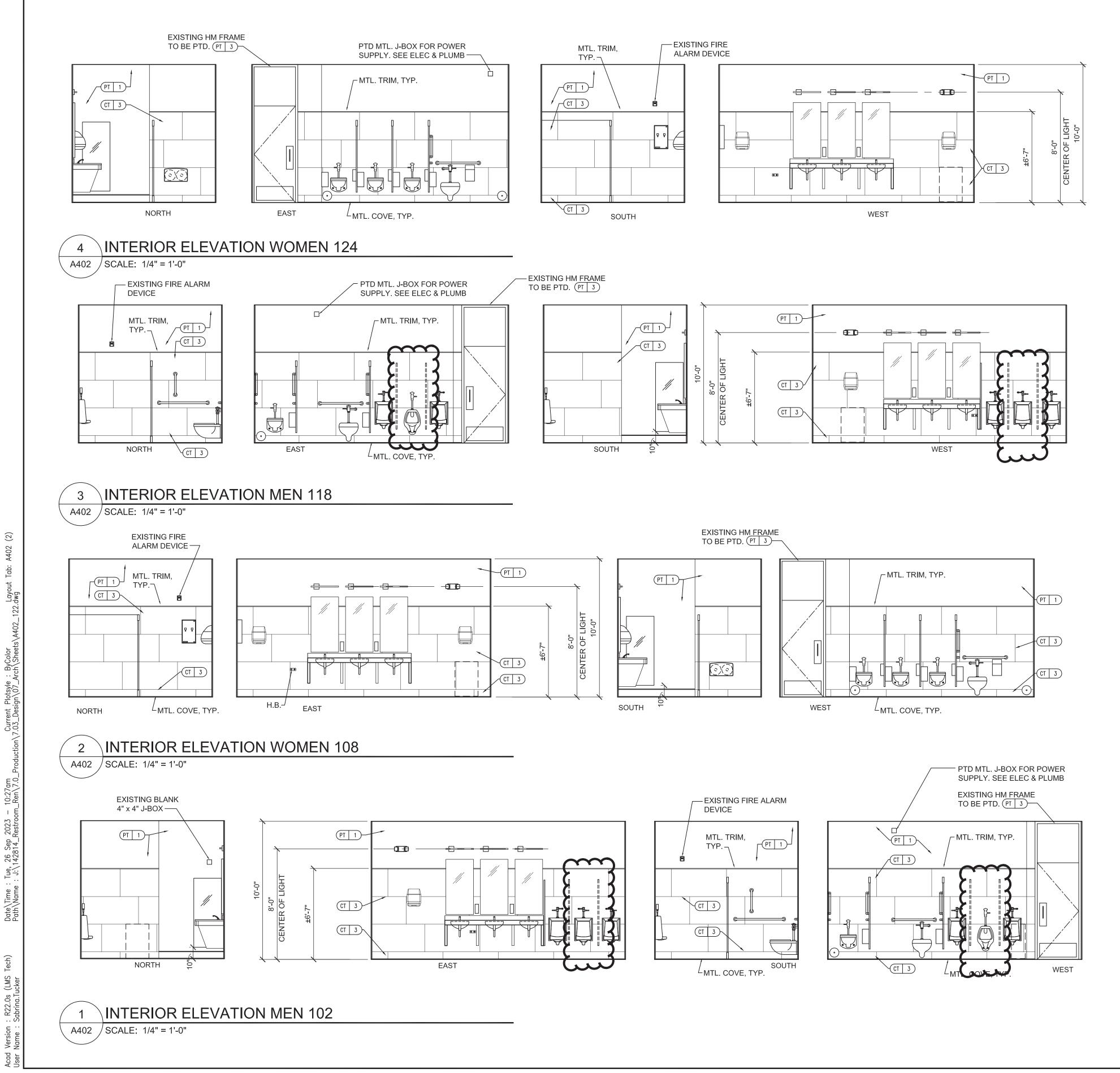
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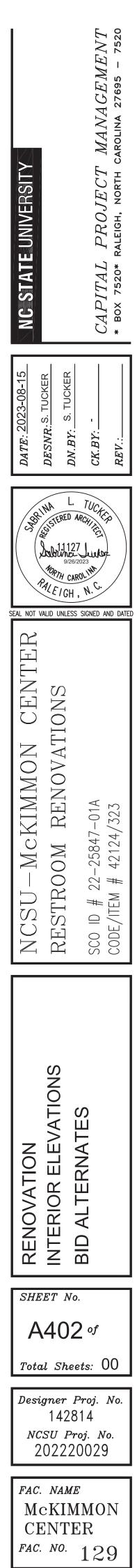
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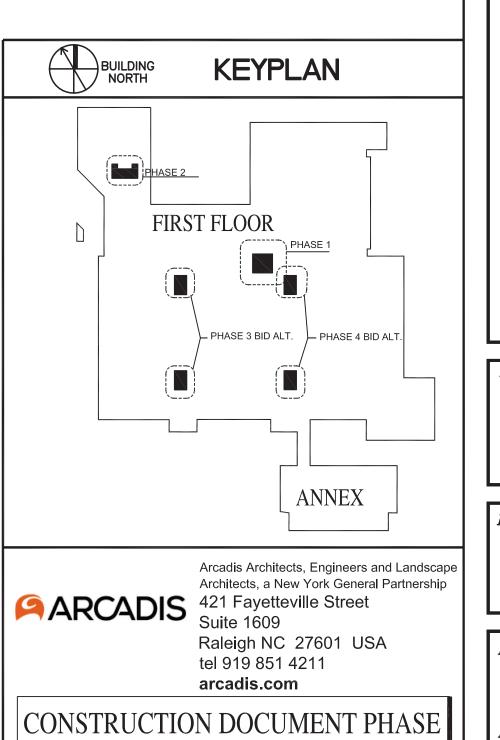
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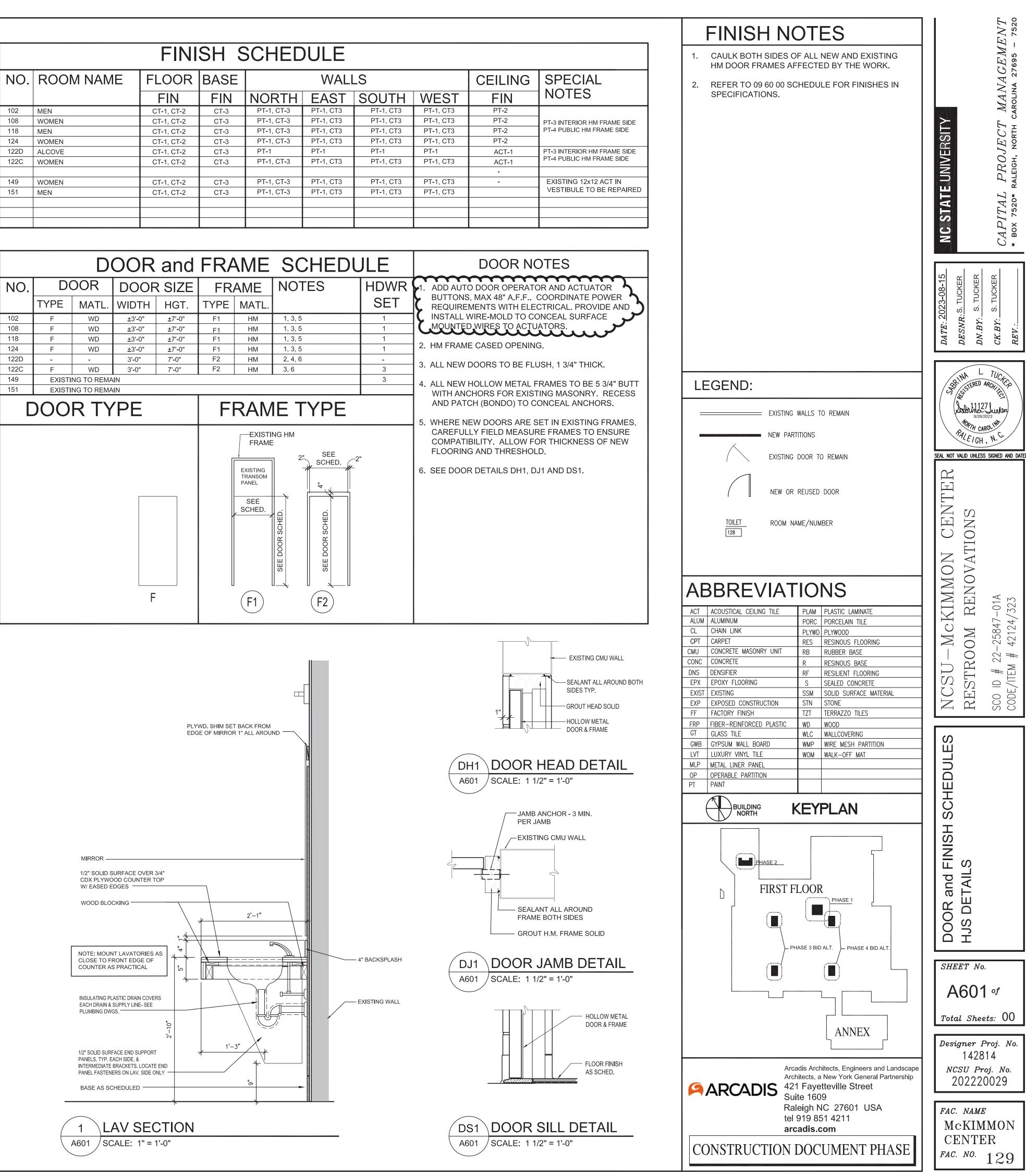


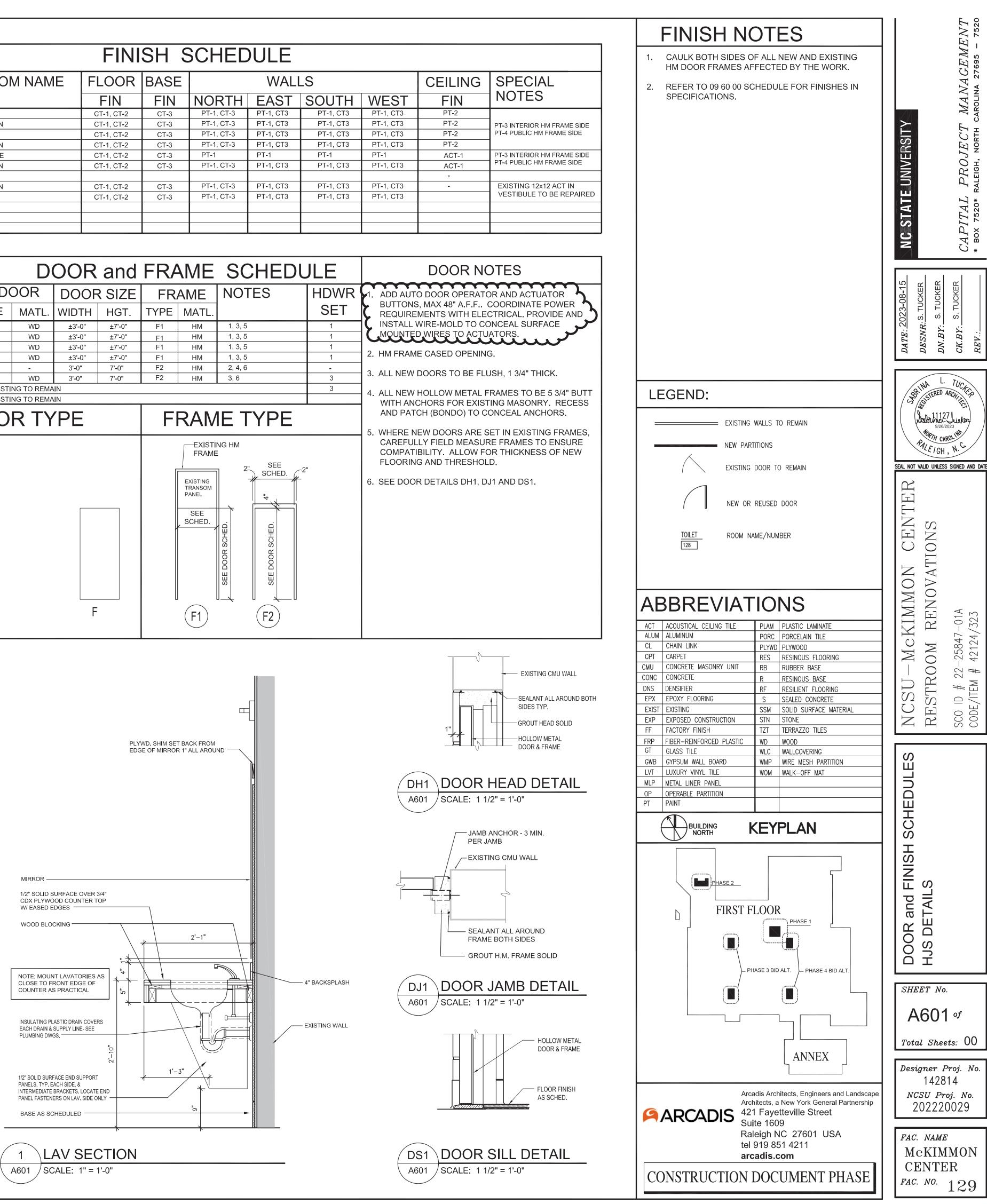


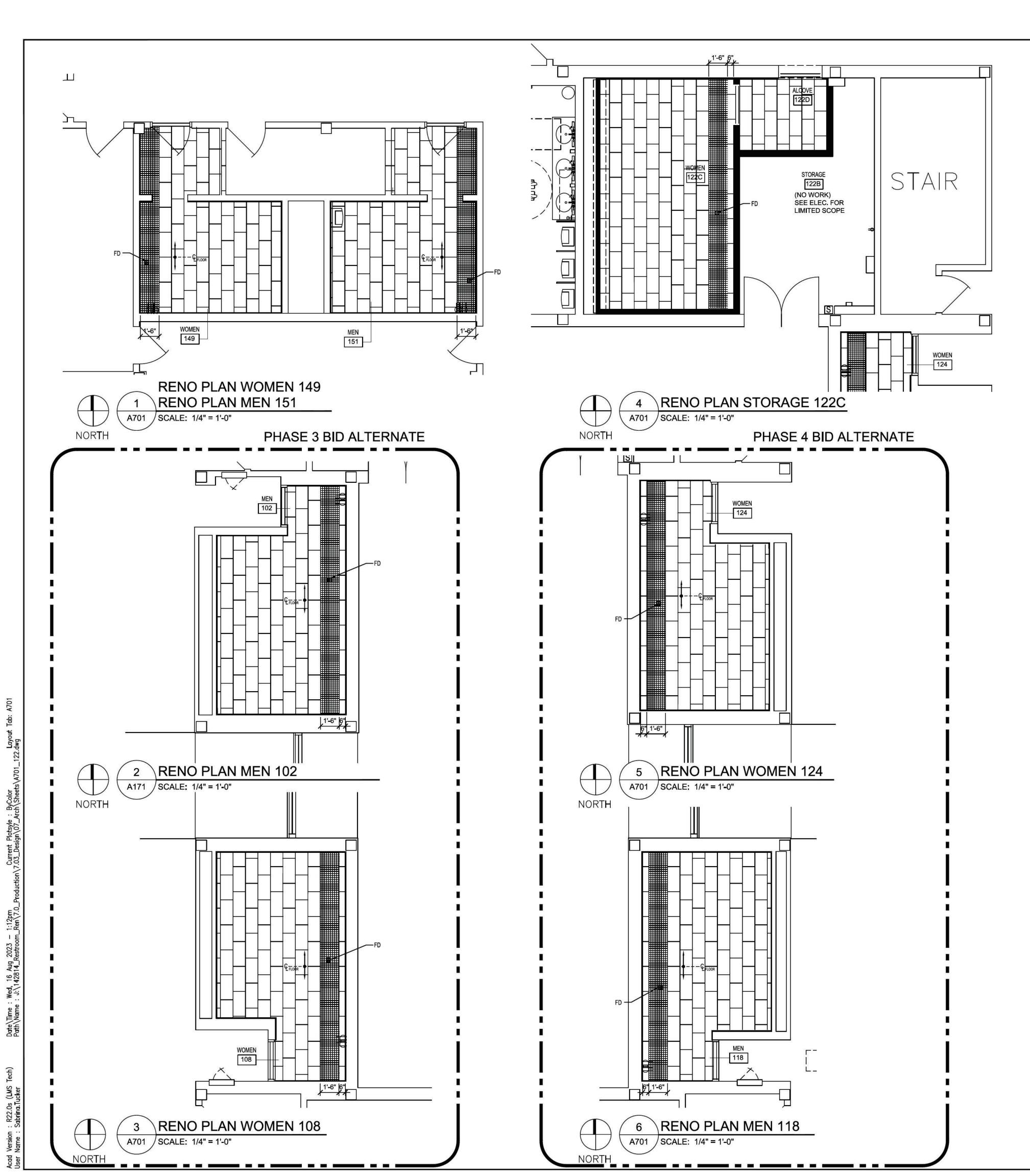


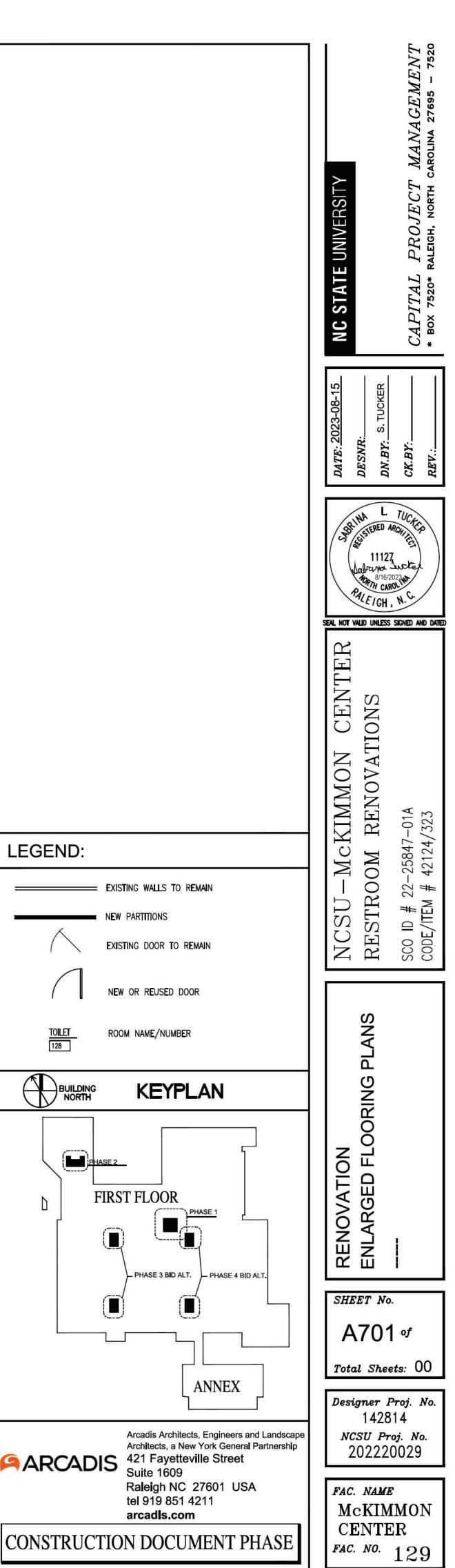


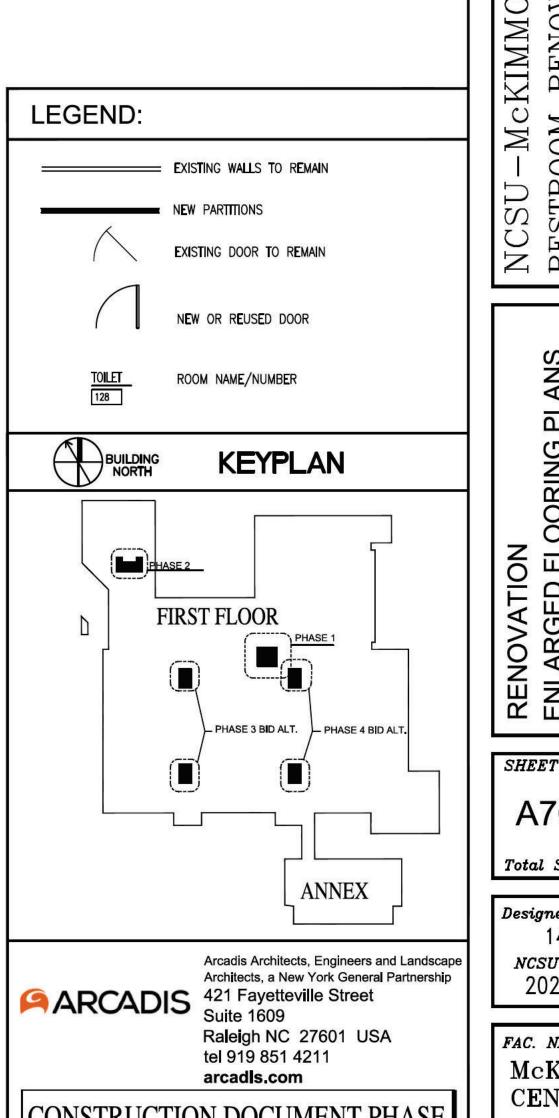
	FINISH SCHEDULE								
NO.	ROOM NAME	FLOOR	BASE	WALLS					
		FIN	FIN	NORTH	EAST	SOUTH	WEST		
102	MEN	CT-1, CT-2	CT-3	PT-1, CT-3	PT-1, CT3	PT-1, CT3	PT-1, CT3		
108	WOMEN	CT-1, CT-2	CT-3	PT-1, CT-3	PT-1, CT3	PT-1, CT3	PT-1, CT3		
118	MEN	CT-1, CT-2	CT-3	PT-1, CT-3	PT-1, CT3	PT-1, CT3	PT-1, CT3		
124	WOMEN	CT-1, CT-2	CT-3	PT-1, CT-3	PT-1, CT3	PT-1, CT3	PT-1, CT3		
122D	ALCOVE	CT-1, CT-2	CT-3	PT-1	PT-1	PT-1	PT-1		
122C	WOMEN	CT-1, CT-2	CT-3	PT-1, CT-3	PT-1, CT3	PT-1, CT3	PT-1, CT3		
149	WOMEN	CT-1, CT-2	CT-3	PT-1, CT-3	PT-1, CT3	PT-1, CT3	PT-1, CT3		
151	MEN	CT-1, CT-2	CT-3	PT-1, CT-3	PT-1, CT3	PT-1, CT3	PT-1, CT3		

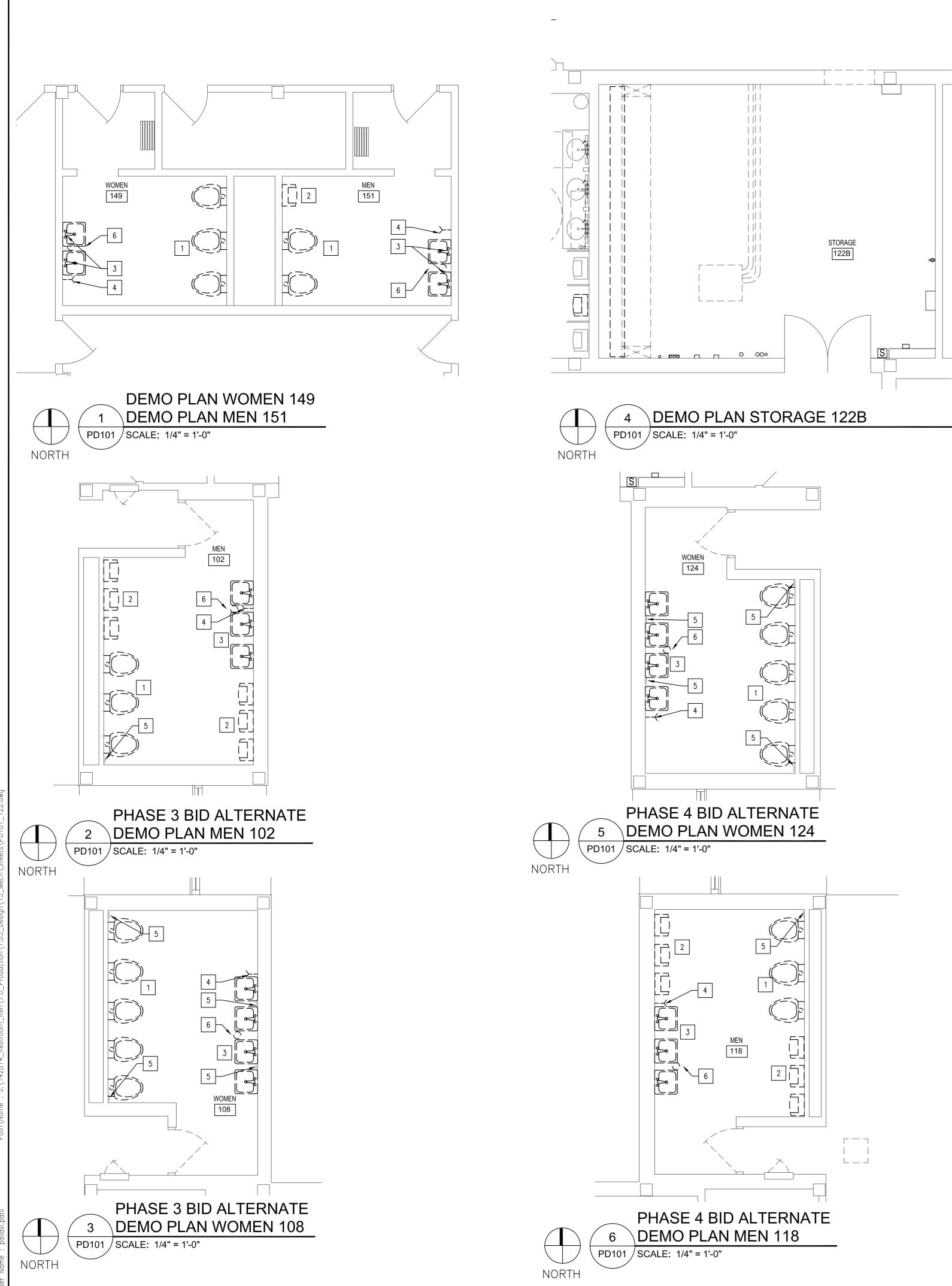


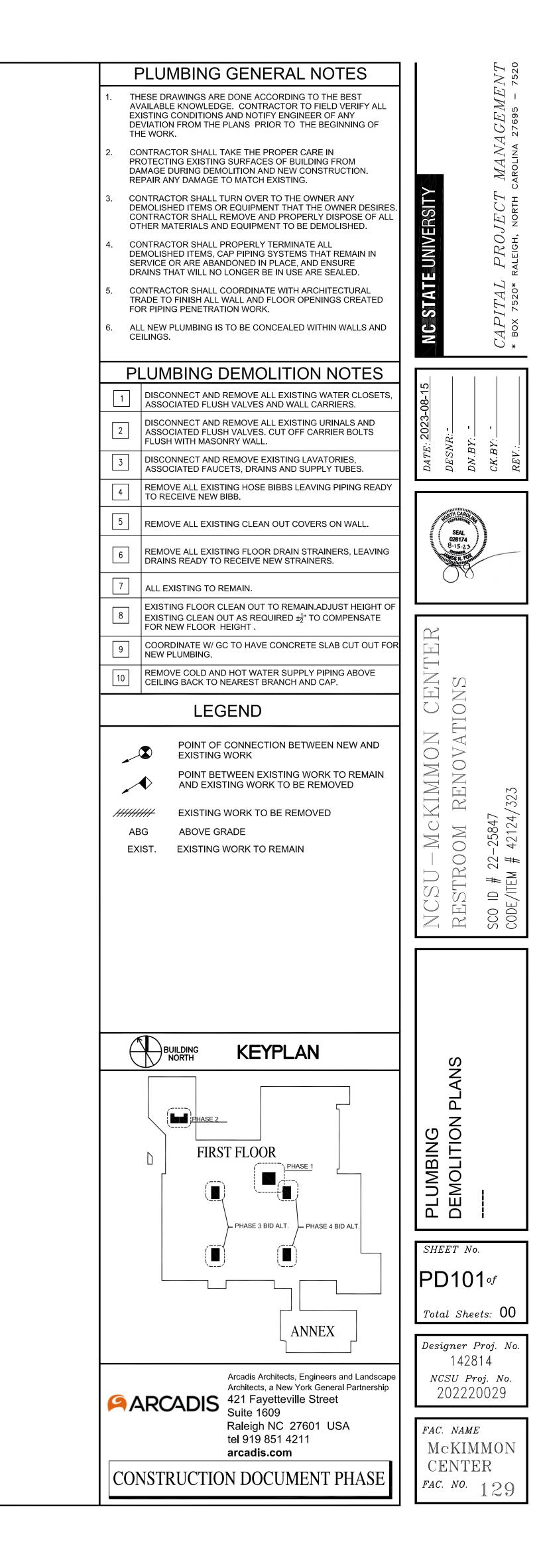


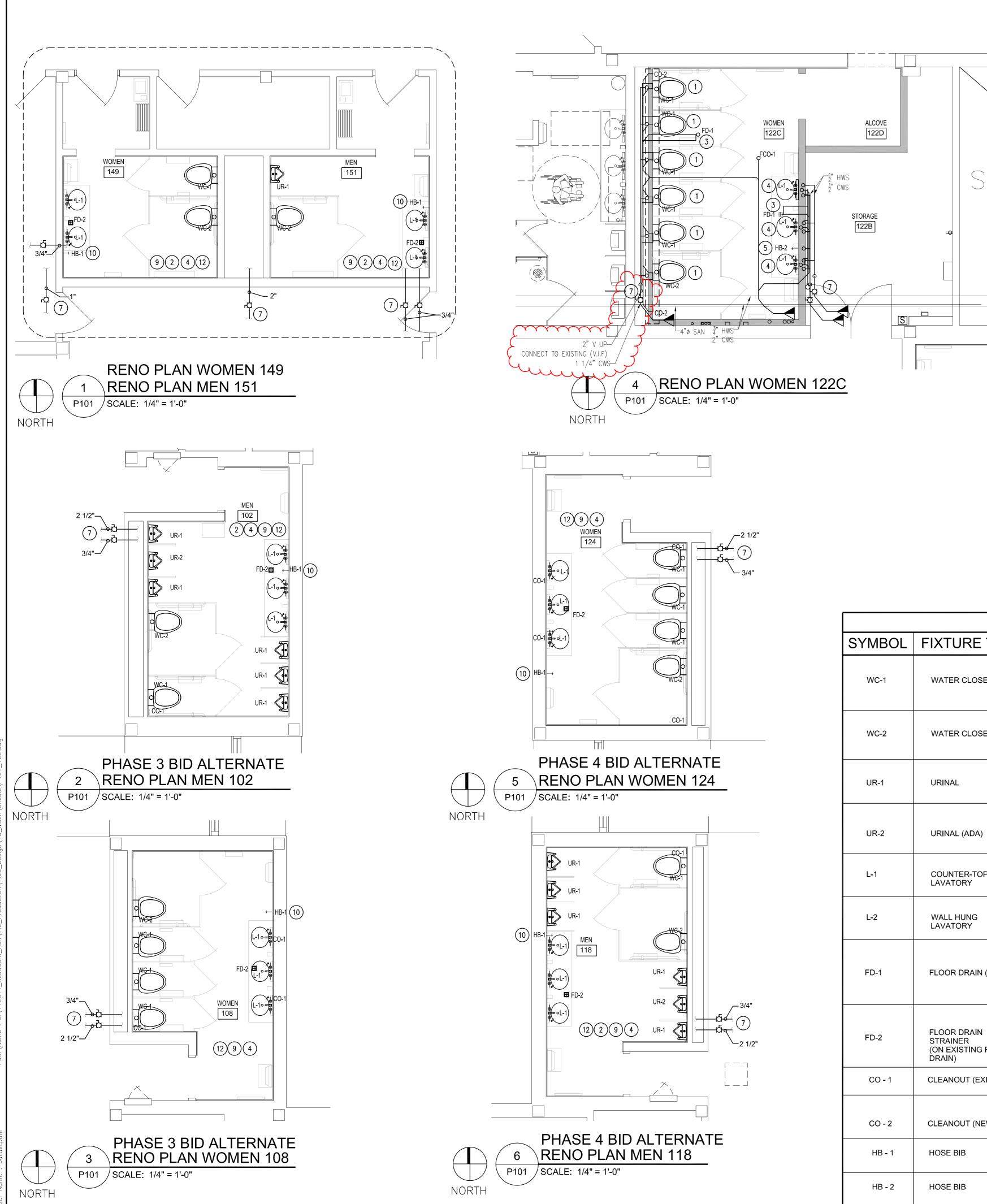








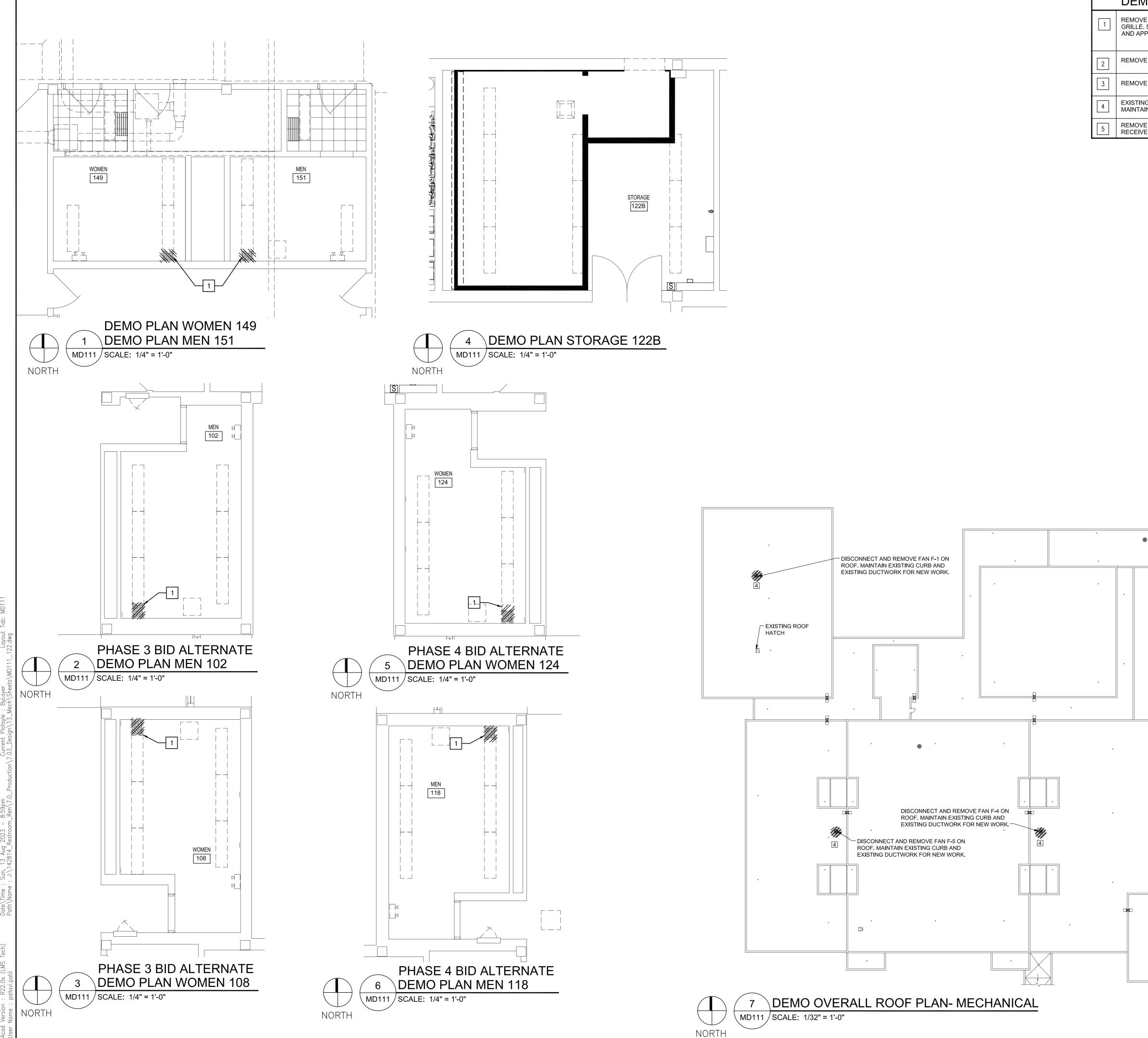


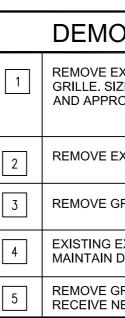


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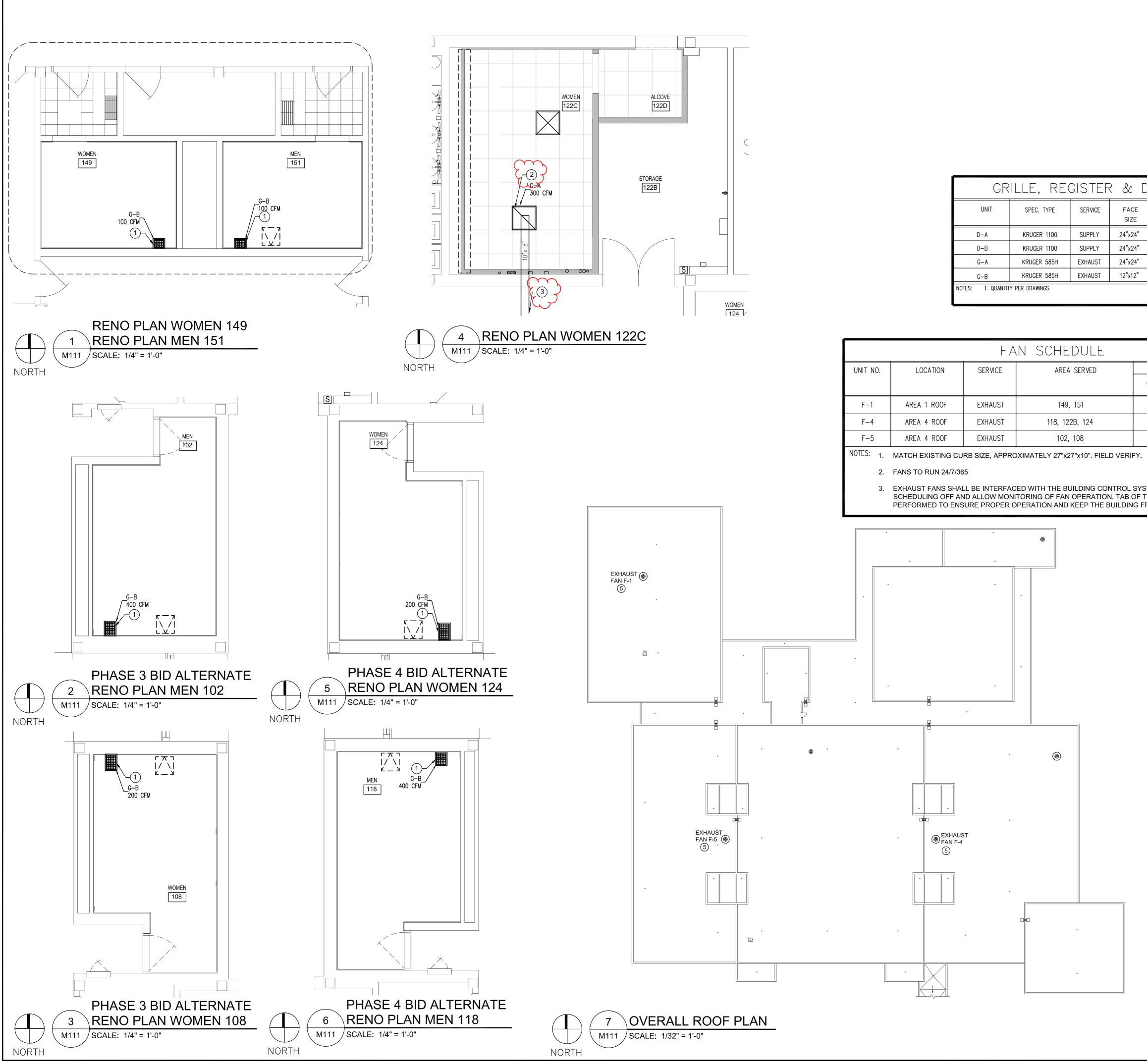
PLUMBING RENOVATION KEY NOTES	PLUMBING GENERAL NOTES	1_NT 7520
1 CONNECT NEW WALL HUNG WATER CLOSET TO NEW COLD WATER SUPPLY AND NEW 4" SANITARY SEWER. NEW PIPING NEEDED TO CONNECT TO THE EXISTING PIPING IS TO MATCH EXISTING. NEW 4" SANITARY DRAIN PIPE TO BE INSTALLED UNDER FLOOR TO THE NEW WATER CLOSETS	1. THESE DRAWINGS ARE DONE ACCORDING TO THE BEST AVAILABLE KNOWLEDGE. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS AND NOTIFY ENGINEER OF ANY DEVIATION FROM THE PLANS PRIOR TO THE BEGINNING OF THE WORK.	<i>IA GEME</i> . A 27695 - 7
WATER CLOSETS. (2) CONNECT NEW WALL HUNG URINAL TO EXISTING COLD WATER SUPPLY AND EXISTING SANITARY SEWER. NEW PIPING NEEDED TO CONNECT TO THE EXISTING PIPING IS TO MATCH EXISTING.	 CONTRACTOR SHALL TAKE THE PROPER CARE IN PROTECTING EXISTING SURFACES OF BUILDING FROM DAMAGE DURING DEMOLITION AND NEW CONSTRUCTION. REPAIR ANY DAMAGE TO MATCH EXISTING. CONTRACTOR SHALL TURN OVER TO THE OWNER ANY ITEMS OR EQUIPMENT THAT THE OWNER DESIRES. CONTRACTOR 	CT MANA
NEW FLOOR DRAIN SET IN CONCRETE SLAB AND CONNECTED TO NEW 4" SANITARY SEWER PIPE EXTENSION. ROUTE TO NEAREST EXISTING SANITARY SEWER LINE.	 SHALL REMOVE AND PROPERLY DISPOSE OF ALL OTHER MATERIALS AND EQUIPMENT TO BE DEMOLISHED. CONTRACTOR SHALL PROPERLY TERMINATE ALL DEMOLISHED ITEMS, CAP PIPING SYSTEMS THAT REMAIN IN SERVICE OR ARE ABANDONED IN PLACE, AND ENSURE 	PROJECT
NEW COUNTER MOUNT LAVATORY WITH FAUCET. CONNECT TO EXISTING COLD AND HOT WATER SUPPLY AND SANITARY SEWER. NEW PIPING NEEDED TO CONNECT IS TO MATCH EXISTING. ROUTE HORIZONTAL PIPE BEHIND WALL FURRING.	 DRAINS THAT WILL NO LONGER BE IN USE ARE SEALED. 5. CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL TRADE TO FINISH ALL WALL AND FLOOR OPENINGS CREATED FOR PIPING PENETRATION WORK. C. IN EXISTING POON 1920. NEW WATER CLOSETS AND 	STALE 7520* R
Image: Supply Piping in New Chase.	 IN EXISTING ROOM 122B, NEW WATER CLOSETS AND LAVATORIES ARE INTENDED TO BE MOUNTED. ALL NEW WATER CLOSETS, FLOOR DRAINS AND LAVATORIES ARE TO HAVE NEW WALL CARRIERS AND TRAPS. COORDINATE WITH ARCHITECTURAL TRADE FOR ACCESS TO EXISTING 	CAP * Box
New 4" CLEAN OUT IN NEW CHASE WALL. CONNECT TO NEW 4" SANITARY PIPING IN CHASE. PROVIDE NEW LINE SIZE BALL VALVES AT ALL NEW COLD	8. PROVIDE CHEMICAL STERILIZATION OF ALL NEW AND	8-12
 WATER AND HOT WATER CONNECTIONS TO EXISTING DOMESTIC SUPPLY PIPING. CONNECT NEW VENT PIPING TO EXISTING VTR PIPING 	 AFFECTED PIPING PRIOR TO PLACING IN SERVICE. 9. DOCUMENT PRESSURE TEST RESULTS TO ENGINEER. 10. COORDINATE AUTO SENSOR VALVES WITH ELECTRICAL 	ATE: 2023-08-11 ESNR: - N.BY: K.BY:
ABOVE CEILING LEFT FROM REMOVALS. CONNECT NEW WALL HUNG WATER CLOSET TO EXISTING COLD WATER OUTPLY AND EXISTING (III CANUTADY OF WED)	SCOPE. 11. PROVIDE AND INSTALL NEW BALL VALVES TO ISOLATE ENTIRE RESTROOMS FROM MAIN BUILDING HOT AND COLD DOMESTIC	DATE: <u>-</u> DESNR DN.BY: CK.BY: REV.:
 COLD WATER SUPPLY AND EXISTING 4" SANITARY SEWER. NEW PIPING NEEDED TO CONNECT TO EXISTING PIPING IS TO MATCH EXISTING. NEW HOSE BIBB (HB-1). CONNECT TO EXISTING COLD 	WATER SUPPLY PIPES. IF RESTROOM ALREADY HAS ISOLATION VALVES, REPLACE EXISTING WITH NEW. COORDINATE LOCATION OF VALVES WITH GC'S INSTALLATION OF ACCESS PANELS.	HUNDERSSION AND
(10) WATER SUPPLY ÀT SAME LOCATION AS DEMOLISHED HOSE BIBB.	12. WATER HAMMER ARRESTORS SHALL BE INSTALLED AT BRANCH LINES TO EACH RESTROOM	SEAL 028174 9-26-23
1 ADJUST HEIGHT OF EXISTING CLEAN OUT FOR NEW FLOORING.	13. WATER SUPPLY AND DRAINAGE PIPES UNDER ALL ADA LAVATORIES TO BE INSULATED IN ACCORDANCE WITH ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES ICC	AMES R. FOLLUN
12 PROVIDE BRASS SELF-LUBRICATING RECIRCULATION PUMP AT EACH RESTROOM HOT WATER RECIRCULATION LOOP, LAING THERMOTECH MODEL E1-BCUVNN3W-06.	14. PROVIDE PIPE SUPPORT IN ACCORDANCE WITH 2018 NC PLUMBING CODE 308.	
JLE S OF DESIGN	LEGEND POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK	-McKIMMON C oom renovatic 2-25847-01A # 42124/323
NG., WHITE VITREOUS CHINA, FLUSH VALVE, 1.28 RIM HEIGHT, 1-1/2" TOP SPUD, ELONGATED BOWL, PEN FRONT STAINLESS STEEL HINGED SEAT, & CONSERVING DIAPHRAGM AUTO SENSOR FLUSH IARD-WIRED. NEW CARRIER.	POINT BETWEEN EXISTING WORK TO REMAIN AND EXISTING WORK TO BE REMOVED	5 U - TR(# 2:
NG WHITE VITREOUS CHINA ELUSH VALVE 1 28	ABG ABOVE GRADE	NCS REST sco id _i code/ite
" RIM HEIGHT, 1-1/2" TOP SPUD, ELONGATED BOWL, PEN FRONT STAINLESS STEEL HINGED SEAT, & CONSERVING DIAPHRAGM AUTO SENSOR FLUSH IARD-WIRED. NEW CARRIER.	EXISTING WORK TO BE REMOVEDABGABOVE GRADEEXIST.EXISTING WORK TO REMAINVTRVENT TO ROOF	
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' RIM HEIGHT, 1-1/2" TOP SPUD, ELONGATED BOWL, 'EN FRONT STAINLESS STEEL HINGED SEAT, & 'ONSERVING DIAPHRAGM AUTO SENSOR FLUSH ARD-WIRED. NEW CARRIER. NG VITREOUS CHINA FLUSH VALVE URINAL, .125 TOP SPUD, 2" I.P.S. OUTLET FLANGE & WATER- /ING DIAPHRAGM TYPE AUTO-SENSOR FLUSH ARD-WIRED. NEW CARRIER. NG VITREOUS CHINA FLUSH VALVE URINAL, .125 TOP SPUD, 2" I.P.S. OUTLET FLANGE, 14" D RIM FOR ADA COMPLIANCE, & WATER- /ING DIAPHRAGM TYPE AUTO-SENSOR FLUSH ARD-WIRED. NEW CARRIER. 17-3/8" UNDER-MOUNTED, VITREOUS CHINA W/ FRONT W AND FAUCET LEDGE, WHITE. SINGLE CONTROL CENTERSET ISS BODY FAUCET W/ AUTO SENSOR, HARD-WIRED. PROVIDE DDEL 591LF-LGHGMHDF LAVATORY FAUCETS. 17-3/8" SELF-RIMMING, VITREOUS CHINA W/ FRONT OVERFLOW CET LEDGE, WHITE. SINGLE CONTROL CENTERSET CAST DDY FAUCET W/ AUTO SENSOR, HARD-WIRED. PROVIDE DDEL 591LF-LGHGMHDF LAVATORY FAUCETS. 2AST IRON BODY WITH BOTTOM OUTLET, TION INVERTIBLE MEMBRANE CLAMP, BLE COLLAR WITH SEEPAGE SLOTS, TRAP PRIMER 10N, & 6"X6" POLISHED BRONZE HEEL PROOF TY SQUARE STRAINER. (RAISE DRAIN & REPLACE 3). HEIGHT OF EXISTING FLOOR DRAIN AS REQUIRED ENSATE FOR NEW FLOOR HEIGHT. PROVIDE AND LEW POLISHED BRONZE HEEL PROOF LIGHT DUTY STRAINER. 1 * 0 CHROME WALL MOUNTED CLEANOUT 1 * 0 CARTOR ENDER THE OL PROOF LIGHT DUTY STRAINER. 1 * 0 CHROME WALL MOUNTED CLEANOUT 1 * 0 CARTOR ENDER THEAD PLUG AND QUARE STRAINER. (NEW IN SINGLE OCCUPANT VOMEN 136A). 3 . MODEL # Z1341XL-P34-RC. (ATTACH TO	ABG ABOVE GRADE EXIST. EXISTING WORK TO REMAIN VTR VENT TO ROOF BUILDING KEYPLAN FIRST FLOOR FIRST FLOOR PHASE 2 FIRST FLOOR PHASE 1 PHASE 4 BID ALT. PHASE 3 BID ALT. PHASE 3 BID ALT. PHASE 5 BID ALT. PHASE 4 BID ALT. PHASE 5 BID ALT. PHASE 4 BID ALT. PHASE 5 B	NOLLONAL OSSON NOLLONAL OSSO NOLLONAL OSSON NOLLONAL OSSON NOL

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STORAGE						 PIPE BEHIND WALL FURRING. NEW HOSE BIBB (HB-2). CONNECT TO NEW COLD WATER SUPPLY PIPING IN NEW CHASE. 	 IN EXISTING ROOM 122B, NEW WATER CLOSETS AND LAVATORIES ARE INTENDED TO BE MOUNTED. ALL NEW WATER CLOSETS, FLOOR DRAINS AND LAVATORIES 	CAPI * BOX 7		
						 NEW 4" CLEAN OUT IN NEW CHASE WALL. CONNECT TO NEW 4" SANITARY PIPING IN CHASE. 	- ALL NEW WATER CLOSETS, FLOOR DRAINS AND LAVATORIES ARE TO HAVE NEW WALL CARRIERS AND TRAPS. COORDINATE WITH ARCHITECTURAL TRADE FOR ACCESS TO EXISTING WALLS.			
						PROVIDE NEW LINE SIZE BALL VALVES AT ALL NEW COLD WATER AND HOT WATER CONNECTIONS TO EXISTING DOMESTIC SUPPLY PIPING.	 PROVIDE CHEMICAL STERILIZATION OF ALL NEW AND AFFECTED PIPING PRIOR TO PLACING IN SERVICE. DOCUMENT PRESSURE TEST RESULTS TO ENGINEER. 	23-08-15		
						8 CONNECT NEW VENT PIPING TO EXISTING VTR PIPING ABOVE CEILING LEFT FROM REMOVALS.	10. COORDINATE AUTO SENSOR VALVES WITH ELECTRICAL SCOPE.	DATE: 202 DESNR: DN.BY: CK.BY: REV.:		
						9 CONNECT NEW WALL HUNG WATER CLOSET TO EXISTING COLD WATER SUPPLY AND EXISTING 4" SANITARY SEWER. NEW PIPING NEEDED TO CONNECT TO EXISTING PIPING IS TO MATCH EXISTING.	11. PROVIDE AND INSTALL NEW BALL VALVES TO ISOLATE ENTIRE RESTROOMS FROM MAIN BUILDING HOT AND COLD DOMESTIC WATER SUPPLY PIPES. IF RESTROOM ALREADY HAS ISOLATION VALVES, REPLACE EXISTING WITH NEW. COORDINATE LOCATION OF VALVES WITH GC'S INSTALLATION OF ACCESS PANELS.			
<u>C</u>						10 NEW HOSE BIBB (HB-1). CONNECT TO EXISTING COLD WATER SUPPLY AT SAME LOCATION AS DEMOLISHED HOSE BIBB.	12. WATER HAMMER ARRESTORS SHALL BE INSTALLED AT BRANCH LINES TO EACH RESTROOM	SEAL 028174 9-26-23		
						①1 ADJUST HEIGHT OF EXISTING CLEAN OUT FOR NEW FLOORING. PROVIDE BRASS SELF-LUBRICATING RECIRCULATION	13. WATER SUPPLY AND DRAINAGE PIPES UNDER ALL ADA LAVATORIES TO BE INSULATED IN ACCORDANCE WITH ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES ICC	AMES R. FOLININ		
						12 PROVIDE BRASS SELF-LOBRICATING RECIRCULATION PUMP AT EACH RESTROOM HOT WATER RECIRCULATION LOOP, LAING THERMOTECH MODEL E1-BCUVNN3W-06.	14. PROVIDE PIPE SUPPORT IN ACCORDANCE WITH 2018 NC PLUMBING CODE 308.			
								IMMON RENOVATI 01A 323		
		PL	UMBI							
SYMBOL FIXTU	JRE TYPE	l					LEGEND			
		C.W.			WASTE	BASIS OF DESIGN	LEGEND POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK	—McK OOM F 22-25847- # 42124/3		
WC-1 WATER	R CLOSET	C.W. 1"					POINT OF CONNECTION BETWEEN NEW AND	CSU-McK STROOM F ID # 22-25847- E/ITEM # 42124/3		
		C.W. 1"		VENT	WASTE	WALL HUNG., WHITE VITREOUS CHINA, FLUSH VALVE, 1.28 GPF, 15" RIM HEIGHT, 1-1/2" TOP SPUD, ELONGATED BOWL, WHITE OPEN FRONT STAINLESS STEEL HINGED SEAT, & WATER- CONSERVING DIAPHRAGM AUTO SENSOR FLUSH	POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK POINT BETWEEN EXISTING WORK TO REMAIN AND EXISTING WORK TO BE REMOVED	U – M c K R O O M F # 22-25847- Em # 42124/3		
	R CLOSET R CLOSET (ADA)	C.W. 1" 1" 3/4"		VENT 2"	WASTE 4"	BASIS OF DESIGNWALL HUNG., WHITE VITREOUS CHINA, FLUSH VALVE, 1.28GPF, 15" RIM HEIGHT, 1-1/2" TOP SPUD, ELONGATED BOWL, WHITE OPEN FRONT STAINLESS STEEL HINGED SEAT, & WATER- CONSERVING DIAPHRAGM AUTO SENSOR FLUSH VALVE, HARD-WIRED. NEW CARRIER.WALL HUNG., WHITE VITREOUS CHINA, FLUSH VALVE, 1.28GPF, 16.5" RIM HEIGHT, 1-1/2" TOP SPUD, ELONGATED BOWL, WHITE OPEN FRONT STAINLESS STEEL HINGED SEAT, & WATER- CONSERVING DIAPHRAGM AUTO SENSOR FLUSH VALVE, HARD-WIRED. NEW CARRIER.WALL HUNG VITREOUS CHINA FLUSH VALVE URINAL, .125GPF, 3/4" TOP SPUD, 2" I.P.S. OUTLET FLANGE & WATER- CONSERVING DIAPHRAGM TYPE AUTO-SENSOR FLUSH VALVE, HARD-WIRED. NEW CARRIER.	 POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK POINT BETWEEN EXISTING WORK TO REMAIN AND EXISTING WORK TO BE REMOVED EXISTING WORK TO BE REMOVED ABG ABOVE GRADE EXIST. EXISTING WORK TO REMAIN 	NCSU-McK RESTROOM F SC0 ID # 22-25847- CODE/ITEM # 42124/3		
WC-2 WATER	R CLOSET R CLOSET (ADA)	1"		VENT 2" 2"	WASTE 4" 4"	BASIS OF DESIGNWALL HUNG., WHITE VITREOUS CHINA, FLUSH VALVE, 1.28 GPF, 15" RIM HEIGHT, 1-1/2" TOP SPUD, ELONGATED BOWL, WHITE OPEN FRONT STAINLESS STEEL HINGED SEAT, & WATER- CONSERVING DIAPHRAGM AUTO SENSOR FLUSH VALVE, HARD-WIRED. NEW CARRIER.WALL HUNG., WHITE VITREOUS CHINA, FLUSH VALVE, 1.28 GPF, 16.5" RIM HEIGHT, 1-1/2" TOP SPUD, ELONGATED BOWL, WHITE OPEN FRONT STAINLESS STEEL HINGED SEAT, & WATER- CONSERVING DIAPHRAGM AUTO SENSOR FLUSH VALVE, HARD-WIRED. NEW CARRIER.WALL HUNG VITREOUS CHINA FLUSH VALVE URINAL, .125 GPF, 3/4" TOP SPUD, 2" I.P.S. OUTLET FLANGE & WATER- CONSERVING DIAPHRAGM TYPE AUTO-SENSOR FLUSH VALVE, HARD-WIRED. NEW CARRIER.WALL HUNG VITREOUS CHINA FLUSH VALVE URINAL, .125 GPF, 3/4" TOP SPUD, 2" I.P.S. OUTLET FLANGE, 14" EXTENDED RIM FOR ADA COMPLIANCE, & WATER- CONSERVING DIAPHRAGM TYPE AUTO-SENSOR FLUSH VALVE, HARD-WIRED. NEW CARRIER.	 POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK POINT BETWEEN EXISTING WORK TO REMAIN AND EXISTING WORK TO BE REMOVED EXISTING WORK TO BE REMOVED ABG ABOVE GRADE EXIST. EXISTING WORK TO REMAIN 	OVATION IS IS SC0 ID # 22-25847- CODE/ITEM # 42124/3		
WC-2 WATER UR-1 URINAL UR-2 URINAL	R CLOSET R CLOSET (ADA)	1" 1" 3/4"		VENT 2" 2" 2"	WASTE 4" 4" 2"	BASIS OF DESIGN WALL HUNG., WHITE VITREOUS CHINA, FLUSH VALVE, 1.28 GPF, 15" RIM HEIGHT, 1-1/2" TOP SPUD, ELONGATED BOWL, WHITE OPEN FRONT STAINLESS STEEL HINGED SEAT, & WALVE, HARD-WIRED. NEW CARRIER. WALL HUNG., WHITE VITREOUS CHINA, FLUSH VALVE, 1.28 GPF, 16.5" RIM HEIGHT, 1-1/2" TOP SPUD, ELONGATED BOWL, WHITE VITREOUS CHINA, FLUSH VALVE, 1.28 GPF, 16.5" RIM HEIGHT, 1-1/2" TOP SPUD, ELONGATED BOWL, WHITE OPEN FRONT STAINLESS STEEL HINGED SEAT, & WALL HUNG, WHITE VITREOUS CHINA, FLUSH VALVE, 1.28 GPF, 16.5" RIM HEIGHT, 1-1/2" TOP SPUD, ELONGATED BOWL, WHITE OPEN FRONT STAINLESS STEEL HINGED SEAT, & WALL HUNG, WHITE VITREOUS CHINA, FLUSH VALVE, 1.28 WALL HUNG VITREOUS CHINA FLUSH VALVE URINAL, .125 GPF, 3/4" TOP SPUD, 2" I.P.S. OUTLET FLANGE & WATER- CONSERVING DIAPHRAGM TYPE AUTO-SENSOR FLUSH VALVE, HARD-WIRED. NEW CARRIER. WALL HUNG VITREOUS CHINA FLUSH VALVE URINAL, .125 GPF, 3/4" TOP SPUD, 2" I.P.S. OUTLET FLANGE, 14" EXTENDED RIM FOR ADA COMPLIANCE, & WATER- CONSERVING DIAPHRAGM TYPE AUTO-SENSOR FLUSH <td>POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK POINT BETWEEN EXISTING WORK TO REMAIN AND EXISTING WORK TO BE REMOVED ABG ABOVE GRADE EXIST. EXISTING WORK TO REMAIN VTR VENT TO ROOF BUILDING KEYPLAN</td> <td>G RENOVATION D PLANS B PLANS B CODE/ITEM # 42124/3</td>	POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK POINT BETWEEN EXISTING WORK TO REMAIN AND EXISTING WORK TO BE REMOVED ABG ABOVE GRADE EXIST. EXISTING WORK TO REMAIN VTR VENT TO ROOF BUILDING KEYPLAN	G RENOVATION D PLANS B PLANS B CODE/ITEM # 42124/3		
WC-2 WATER UR-1 URINAL UR-2 URINAL	R CLOSET R CLOSET (ADA)	1" 1" 3/4" 3/4"	H.W. - - -	VENT 2" 2" 2"	WASTE 4" 2" 2"	BASIS OF DESIGN WALL HUNG., WHITE VITREOUS CHINA, FLUSH VALVE, 1.28 GPF, 15" RIM HEIGHT, 1-1/2" TOP SPUD, ELONGATED BOWL, WHITE OPEN FRONT STAINLESS STEEL HINGED SEAT, & WATER- CONSERVING DIAPHRAGM AUTO SENSOR FLUSH VALVE, HARD-WIRED. NEW CARRIER. WALL HUNG., WHITE VITREOUS CHINA, FLUSH VALVE, 1.28 GPF, 16.5" RIM HEIGHT, 1-1/2" TOP SPUD, ELONGATED BOWL, WHITE OPEN FRONT STAINLESS STEEL HINGED SEAT, & WATER- CONSERVING DIAPHRAGM AUTO SENSOR FLUSH VALVE, HARD-WIRED. NEW CARRIER. WALL HUNG VITREOUS CHINA FLUSH VALVE URINAL, .125 GPF, 3/4" TOP SPUD, 2" I.P.S. OUTLET FLANGE & WATER- CONSERVING DIAPHRAGM TYPE AUTO-SENSOR FLUSH VALVE, HARD-WIRED. NEW CARRIER. WALL HUNG VITREOUS CHINA FLUSH VALVE URINAL, .125 GPF, 3/4" TOP SPUD, 2" I.P.S. OUTLET FLANGE, 14" EXTENDED RIM FOR ADA COMPLIANCE, & WATER- CONSERVING DIAPHRAGM TYPE AUTO-SENSOR FLUSH VALVE, HARD-WIRED. NEW CARRIER. WALL HUNG VITREOUS CHINA FLUSH VALVE URINAL, .125 GPF, 3/4" TOP SPUD, 2" I.P.S. OUTLET FLANGE, 14" EXTENDED RIM FOR ADA COMPLIANCE, & WATER- CONSERVING DIAPHRAGM TYPE AUTO-SENSOR FLUSH VALVE, HARD-WIRED. NEW CARRIER. 20-3/8" X 17-3/8" UNDER-MOUNTED, VITREOUS CHINA W/ FRONT OVERFLOW AND FAUCET LEDGE, WHITE. SINGLE CONTROL CENTERSET CAST BRASS BODY FAUCET WI AUTO SENSOR, HARD-WIRED. PROVIDE DELTA MODEL 591LF-LGHGMHDF LAVATORY FAUCETS. 20-3/8" X 17-3/8" SELF-RIMMING, VITREOUS CHINA W/ FRONT OVERFLOW AND FAUCET LEDGE, WHITE. SINGLE CONTROL CENTERSET CAST BRASS BODY FAUCET W/ AUTO SENSOR, HARD-WIRED. PROVIDE DELTA MODEL 591LF-LGHGMHDF LAVATORY FAUCETS.	POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK POINT BETWEEN EXISTING WORK TO REMAIN AND EXISTING WORK TO BE REMOVED EXISTING WORK TO BE REMOVED ABG ABOVE GRADE EXIST. EXISTING WORK TO REMAIN VTR VENT TO ROOF BUILDING KEYPLAN	UMBING RENOVATION LARGED PLANS -		
WC-2 WATER UR-1 URINAL UR-2 URINAL L-1 COUNT LAVATO	R CLOSET R CLOSET (ADA)	1" 1" 3/4" 3/4" 1/2"	H.W. -	VENT 2" 2" 2" 2" 2"	WASTE 4" 4" 2" 1 1/4"	BASIS OF DESIGN WALL HUNG,, WHITE VITREOUS CHINA, FLUSH VALVE, 1.28 GPF, 15" RIM HEIGHT, 1-1/2" TOP SPUD, ELONGATED BOWL, WHITE OPEN FRONT STAINLESS STEEL HINGED SEAT, & WATER- CONSERVING DIAPHRAGM AUTO SENSOR FLUSH VALVE, HARD-WIRED. NEW CARRIER. WALL HUNG,, WHITE VITREOUS CHINA, FLUSH VALVE, 1.28 GPF, 16.5" RIM HEIGHT, 1-1/2" TOP SPUD, ELONGATED BOWL, WHITE OPEN FRONT STAINLESS STEEL HINGED SEAT, & WATER- CONSERVING DIAPHRAGM AUTO SENSOR FLUSH VALVE, HARD-WIRED. NEW CARRIER. WALL HUNG VITREOUS CHINA FLUSH VALVE URINAL, .125 GPF, 3/4" TOP SPUD, 2" I.P.S. OUTLET FLANGE & WATER- CONSERVING DIAPHRAGM TYPE AUTO-SENSOR FLUSH VALVE, HARD-WIRED. NEW CARRIER. WALL HUNG VITREOUS CHINA FLUSH VALVE URINAL, .125 GPF, 3/4" TOP SPUD, 2" I.P.S. OUTLET FLANGE, 14" EXTENDED RIM FOR ADA COMPLIANCE, & WATER- CONSERVING DIAPHRAGM TYPE AUTO-SENSOR FLUSH VALVE, HARD-WIRED. NEW CARRIER. 20-3/8" X 17-3/8" UNDER-MOUNTED, VITREOUS CHINA W/ FRONT OVERFLOW AND FAUCET LEDGE, WHITE. SINGLE CONTROL CENTERSET CAST BRASS BODY FAUCET W/ AUTO SENSOR, HARD-WIRED. PROVIDE DELTA MODEL 591LF-LGHGMHDF LAVATORY FAUCETS. 20-3/8" X 17-3/8" SELF-RIMMING, VITREOUS CHINA W/ FRONT OVERFLOW A	POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK POINT BETWEEN EXISTING WORK TO REMAIN AND EXISTING WORK TO BE REMOVED ABG ABOVE GRADE EXIST. EXISTING WORK TO REMAIN VTR VENT TO ROOF BUILDING KEYPLAN	PLUMBING RENOVATION PLUMBING RENOVATION ENLARGED PLANS BESTROOM F RESTROOM F SC0 ID # 22-25847- CODE/ITEM # 42124/5		
WC-2 WATER UR-1 URINAL UR-2 URINAL L-1 COUNT LAVATO FD-1 FLOOR	R CLOSET R CLOSET (ADA) L L (ADA) TER-TOP ORY HUNG ORY A DRAIN (NEW) C DRAIN (NEW)	1" 1" 3/4" 3/4" 1/2"	H.W. -	VENT 2" 2" 2" 2" 2" 2" 2" 2" 2" 2" 2" 2" 2"	WASTE 4" 4" 2" 1 1/4" 1 1/4"	BASIS OF DESIGN WALL HUNG,, WHITE VITREOUS CHINA, FLUSH VALVE, 1.28 GPF, 15" RIM HEIGHT, 1-1/2" TOP SPUD, ELONGATED BOWL, WHITE OPEN FRONT STAINLESS STEEL HINGED SEAT, & WATER- CONSERVING DIAPHRAGM AUTO SENSOR FLUSH VALVE, HARD-WIRED. NEW CARRIER. WALL HUNG,, WHITE VITREOUS CHINA, FLUSH VALVE, 1.28 GPF, 16.5" RIM HEIGHT, 1-1/2" TOP SPUD, ELONGATED BOWL, WHITE OPEN FRONT STAINLESS STEEL HINGED SEAT, & WALTER- CONSERVING DIAPHRAGM AUTO SENSOR FLUSH VALVE, HARD-WIRED. NEW CARRIER. WALL HUNG VITREOUS CHINA FLUSH VALVE URINAL, .125 GPF, 3/4" TOP SPUD, 2" I.P.S. OUTLET FLANGE & WATER- CONSERVING DIAPHRAGM TYPE AUTO-SENSOR FLUSH VALVE, HARD-WIRED. NEW CARRIER. WALL HUNG VITREOUS CHINA FLUSH VALVE URINAL, .125 GPF, 3/4" TOP SPUD, 2" I.P.S. OUTLET FLANGE, 14" EXTENDED RIM FOR ADA COMPLIANCE, & WATER- CONSERVING DIAPHRAGM TYPE AUTO-SENSOR FLUSH VALVE, HARD-WIRED. NEW CARRIER. 20-3/8" X 17-3/8" UNDER-MOUNTED, VITREOUS CHINA W/ FRONT OVERFLOW AND FAUCET LEDGE, WHITE. SINGLE CONTROL CENTERSET CAST BRASS BODY FAUCET W/ AUTO SENSOR, HARD-WIRED. PROVIDE DELTA MODEL 591LF-LGHGMHDF LAVATORY FAUCETS. 20-3/8" X 17-3/8" SELF-RIMMING, VITREOUS CHINA W/ FRONT OVERFLOW AND FAUCET W/ AUTO SENSOR, HARD-WIRED. PROVIDE DELTA MODEL 591LF-LGHGMHDF LAVATORY FAUCETS. 20-3/8" X 17-3/8" SELF-RIMMING, VITREOUS CHINA W/ FRONT OVERFLOW AND FAUCET W/ AUTO SENSOR, HARD-WIRED. PROVIDE DELTA MODEL 591LF-LGHGMHDF LAVATORY FAUCETS. COATED CAST IRON BODY WITH BOTTOM OUTLET, COMBINATION INVERTIBLE MEMBRANE CLAMP, ADJUSTABLE COLLAR WITH SEEPAGE SLOTS, TRAP PRIMER CONNECTION, & 6"X6" POLISHED BRONZE HEEL PROOF LIGHT-DUTY SQUARE STRAINER. (RAISE DRAIN & R	POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK POINT BETWEEN EXISTING WORK TO REMAIN AND EXISTING WORK TO BE REMOVED ABG ABOVE GRADE EXIST. EXISTING WORK TO REMAIN VTR VENT TO ROOF BUILDING KEYPLAN BUILDING FIRST FLOOR FIRST FLOOR PHASE 2 BID ALT. PHASE 4 BID ALT.	NCSU-MCK PLUMBING RENOVATION RESTROOM F RESTROOM F RESTROOM F SCO ID # 22-25847- CODE/ITEM # 42124/G CODE/ITEM # 42124/G		
WC-2 WATER UR-1 URINAL UR-2 URINAL L-1 COUNT LAVATO FD-1 FLOOR FD-2 FLOOR STRAIN (ON EX DRAIN)	R CLOSET R CLOSET (ADA) L L (ADA) TER-TOP ORY HUNG ORY A DRAIN (NEW) C DRAIN (NEW)	1" 1" 3/4" 3/4" 1/2"	H.W. -	VENT 2" 2" 2" 2" 2" 2" 2" 2" 2" 2" 2" 2" 2"	WASTE 4" 4" 2" 1 1/4" 1 1/4" 3"	BASIS OF DESIGN WALL HUNG., WHITE VITREOUS CHINA, FLUSH VALVE, 1.28 GPF, 15" RIM HEIGHT, 1-1/2" TOP SPUD, ELONGATED BOWL, WHITE VITREOUS CHINA, FLUSH VALVE, 1.28 GPF, 16.5" RIM HEIGHT, 1-1/2" TOP SPUD, ELONGATED BOWL, WALL HUNG, WHITE VITREOUS CHINA, FLUSH VALVE, 1.28 GPF, 16.5" RIM HEIGHT, 1-1/2" TOP SPUD, ELONGATED BOWL, WHITE OPEN FRONT STAINLESS STEEL HINGED SEAT, & WALL HUNG, WHITE VITREOUS CHINA, FLUSH VALVE, 1.28 GPF, 16.5" RIM HEIGHT, 1-1/2" TOP SPUD, ELONGATED BOWL, WHITE OPEN FRONT STAINLESS STEEL HINGED SEAT, & WALL HUNG, WHITE VITREOUS CHINA, FLUSH VALVE, 1.28 GPF, 16.5" RIM HEIGHT, 1-1/2" TOP SPUD, 2" I.P.S. VALVE, HARD-WIRED. NEW CARRIER. WALL HUNG VITREOUS CHINA FLUSH VALVE URINAL, .125 GPF, 3/4" TOP SPUD, 2" I.P.S. OUTLET FLANGE, 14" EXTENDED RIM FOR ADA COMPLIANCE, & WATER- CONSERVING DIAPHRAGM TYPE AUTO-SENSOR FLUSH VALVE, HARD-WIRED. NEW CARRIER. VALVE, HARD-WIRED. NEW CARRIER. VALUE, HARD-WIRED. NEW CARRIER. VALVE, HARD-WIRED. NEW CARRIER. VALVE, HARD-WIRED	POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK POINT BETWEEN EXISTING WORK TO REMAIN AND EXISTING WORK TO BE REMOVED ABG ABOVE GRADE EXIST. EXISTING WORK TO REMAIN VTR VENT TO ROOF BUILDING KEYPLAN FIRST FLOOR FIRST FLOOR PHASE 1 PHASE 3 BD ALT. PHASE 4 BID ALT. ANNEX	NCSU-MCK PLUMBING RENOVATION RESTROOM F RESTROOM F RESTROOM F SCO ID # 22-25847- CODE/ITEM # 42124/G CODE/ITEM # 42124/G		
WC-2 WATER UR-1 URINAL UR-2 URINAL L-1 COUNT L-2 WALL H FD-1 FLOOR FD-2 FLOOR FD-2 FLOOR CO-1 CLEANC	R CLOSET R CLOSET (ADA) L L L (ADA) TER-TOP ORY HUNG ORY HUNG ORY A DRAIN (NEW) C DRAIN (NEW)	1" 1" 3/4" 3/4" 1/2"	H.W. -	VENT 2" 2" 2" 2" 2" 2" 2" 2" 2" 2" 2" 2" 2"	WASTE 4" 4" 2" 1 1/4" 1 1/4" 3"	BASIS OF DESIGN WALL HUNG, WHITE VITREOUS CHINA, FLUSH VALVE, 1.28 GPF, 15" RIM HEIGHT, 1-12" TOP SPUD, ELONGATED BOWL, WHITE OPEN FRONT STAINLESS STEEL HINGED SEAT, & WATER-CONSERVING DIAPHRAGM AUTO SENSOR FLUSH VALVE, HARD-WIRED. NEW CARRIER. WALL HUNG, WHITE VITREOUS CHINA, FLUSH VALVE, 1.28 GPF, 16.5" RIM HEIGHT, 1-12" TOP SPUD, ELONGATED BOWL, WHITE OPEN FRONT STAINLESS STEEL HINGED SEAT, & WALL HUNG, WHITE VITREOUS CHINA, FLUSH VALVE, 1.28 GPF, 16.5" RIM HEIGHT, 1-12" TOP SPUD, ELONGATED BOWL, WHITE OPEN FRONT STAINLESS STEEL HINGED SEAT, & WALL HUNG, WHITE VITREOUS CHINA AUTO SENSOR FLUSH VALVE, HARD-WIRED, NEW CARRIER. WALL HUNG VITREOUS CHINA FLUSH VALVE URINAL, .125 GPF, 3/4" TOP SPUD, 2" I.P.S. OUTLET FLANGE, 14" EXTENDED RIM FOR ADA COMPLIANCE, & WATER- CONSERVING DIAPHRAGM TYPE AUTO-SENSOR FLUSH VALVE, HARD-WIRED, NEW CARRIER. WALL HUNG VITREOUS CHINA KILVE URINAL, .125 GPF, 3/4" TOP SPUD, 2" I.P.S. OUTLET FLANGE, WATER- CONSERVING DIAPHRAGM TYPE AUTO-SENSOR FLUSH <td <="" colspan="2" td=""><td>POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK POINT BETWEEN EXISTING WORK TO REMAIN AND EXISTING WORK TO BE REMOVED ABG ABOVE GRADE EXIST. EXISTING WORK TO REMAIN VTR VENT TO ROOF BUILDING BUILDING BUILDING FIRST FLOOR PHASE 1 PHASE 3 BID ALT. PHASE 4 BID ALT. PHASE 4 BID ALT. PHASE 4 BID ALT. ANNEX</td><td>NCSU-MCK NCSU-MCK RESTROOM RESTROOM RESTROOM RESTROOM RESTROOM MCSU D sco D sco D sco D sco D sco D sco D sco D sco D sco D sco S S S S S S S S S S S S S S S S S S S</td></td>	<td>POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK POINT BETWEEN EXISTING WORK TO REMAIN AND EXISTING WORK TO BE REMOVED ABG ABOVE GRADE EXIST. EXISTING WORK TO REMAIN VTR VENT TO ROOF BUILDING BUILDING BUILDING FIRST FLOOR PHASE 1 PHASE 3 BID ALT. PHASE 4 BID ALT. PHASE 4 BID ALT. PHASE 4 BID ALT. ANNEX</td> <td>NCSU-MCK NCSU-MCK RESTROOM RESTROOM RESTROOM RESTROOM RESTROOM MCSU D sco D sco D sco D sco D sco D sco D sco D sco D sco D sco S S S S S S S S S S S S S S S S S S S</td>		POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK POINT BETWEEN EXISTING WORK TO REMAIN AND EXISTING WORK TO BE REMOVED ABG ABOVE GRADE EXIST. EXISTING WORK TO REMAIN VTR VENT TO ROOF BUILDING BUILDING BUILDING FIRST FLOOR PHASE 1 PHASE 3 BID ALT. PHASE 4 BID ALT. PHASE 4 BID ALT. PHASE 4 BID ALT. ANNEX	NCSU-MCK NCSU-MCK RESTROOM RESTROOM RESTROOM RESTROOM RESTROOM MCSU D sco D sco D sco D sco D sco D sco D sco D sco D sco D sco S S S S S S S S S S S S S S S S S S S
WC-2 WATER UR-1 URINAL UR-2 URINAL L-1 COUNT L-2 WALL H FD-1 FLOOR FD-2 FLOOR FD-2 FLOOR CO-1 CLEANC	R CLOSET R CLOSET (ADA) CL L (ADA) TER-TOP ORY HUNG ORY A DRAIN (NEW) C DRAIN (NEW)	1" 1" 3/4" 3/4" 1/2"	H.W. -	VENT 2" 2" 2" 2" 2" 2" 2" 2" 2" 2" 2" 2" 2"	WASTE 4" 4" 2" 2" 1 1/4" 1 1/4" 3" -	BASIS OF DESIGN WALL HUNG, WHITE VITREOUS CHINA, FLUSH VALVE, 1.28 GPF, 15" RIM HEIGHT, 1-1/2" TOP SPUD, ELONGATED BOWL, WHITE OPEN FRONT STAINLESS STEEL HINGED SEAT, & WALVE, HARD-WIRED. NEW CARRIER. WALL HUNG, WHITE VITREOUS CHINA, FLUSH VALVE, 1.28 GPF, 16.5" RIM HEIGHT, 1-1/2" TOP SPUD, ELONGATED BOWL, WHITE OPEN FRONT STAINLESS STEEL HINGED SEAT, & WALL HUNG, WHITE VITREOUS CHINA, FLUSH VALVE, URINAL, .125 GPF, 16.5" RIM HEIGHT, 1-1/2" TOP SPUD, ELONGATED BOWL, WHITE OPEN FRONT STAINLESS STEEL HINGED SEAT, & WALL HUNG VITREOUS CHINA FLUSH VALVE URINAL, .125 GPF, 3/4" TOP SPUD, 2" I.P.S. OUTLET FLANGE, 14" EXTENDED RIM FOR ADA COMPLIANCE, & WATER- CONSERVING DIAPHRAGM TYPE AUTO-SENSOR FLUSH VALVE, HARD-WIRED. NEW CARRIER. WALL HUNG VITREOUS CHINA FLUSH VALVE URINAL, .125 GPF, 3/4" TOP SPUD, 2" I.P.S. OUTLET FLANGE, 14" EXTENDED RIM FOR ADA COMPLIANCE, & WATER- CONSERVING DIAPHRAGM TYPE AUTO-SENSOR FLUSH VALVE, HARD-WIRED. NEW CARRIER. 20-3/8" X 17-3/8" UNDER-MOUNTED, VITREOUS CHINA W/ FRONT OVERFLOW AND FAUCET LEDGE, WHITE SINGLE CONTROL CENTERSET CAST BRASS BODY FAUCET W/ AUTO SENSOR, HARD-WIRED. PROVIDE DELTA MODEL 591LF-LGHGMHDF LAVATORY FAUCETS.	POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK POINT BETWEEN EXISTING WORK TO REMAIN AND EXISTING WORK TO BE REMOVED ABG ABOVE GRADE EXIST. EXISTING WORK TO REMAIN VTR VENT TO ROOF BUILDING KEYPLAN FIRST FLOOR FIRST FLOOR PHASE 1 PHASE 3 BID ALT. PHASE 4 BID ALT. PHASE 4 BID ALT. ANNEX	NCSU - MCK NCSU - MCK NCSU - MCK RESTROOM F RESTROOM F RESTROOM F Street No. Designer Proj. No. Designer Proj. No.		





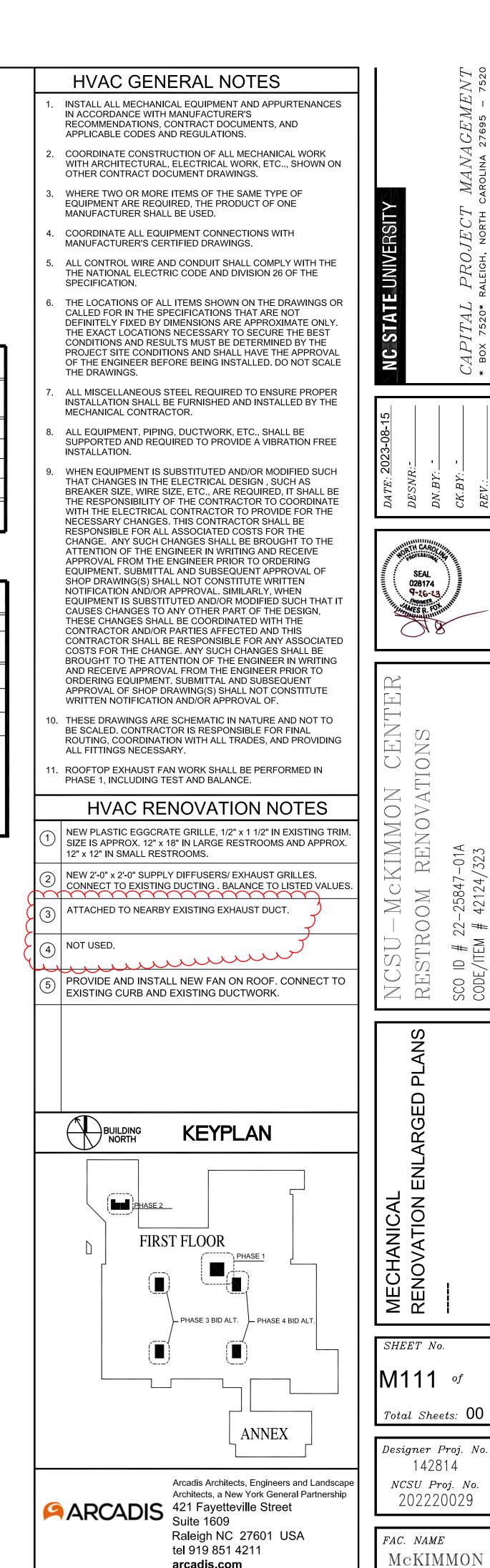
OLITION KEYNOTES	HVAC DEMOLITION NOTES:	NT 7520
EXISTING CEILING MOUNTED EXHAUST EGGCRATE SIZE IS APPROX. 12" x 18" IN LARGE RESTROOMS PROX. 12" x 12" IN SMALL RESTROOMS.	 INSTALL ALL MECHANICAL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, CONTRACT DOCUMENTS, AND APPLICABLE CODES AND REGULATIONS. 	GEME.
EXISTING THERMOSTAT AND RELOCATE.	2. COORDINATE CONSTRUCTION OF ALL MECHANICAL WORK WITH ARCHITECTURAL, ELECTRICAL WORK, ETC, SHOWN ON OTHER CONTRACT DOCUMENT DRAWINGS.	MANA (
GRILLE AND DUCT BACK TO MAIN AND CAP DUCT	3. WHERE TWO OR MORE ITEMS OF THE SAME TYPE OF EQUIPMENT ARE REQUIRED, THE PRODUCT OF ONE MANUFACTURER SHALL BE USED.	T M F CARG
G EXHAUST FAN ON ROOF TO BE REMOVED. N DUCT CONNECTION FOR NEW WORK.	4. COORDINATE ALL EQUIPMENT CONNECTIONS WITH MANUFACTURER'S CERTIFIED DRAWINGS.	
GRILLE/DIFFUSER, LEAVING DUCT READY TO NEW GRILLE/DIFFUSER.	 ALL CONTROL WIRE AND CONDUIT SHALL COMPLY WITH THE THE NATIONAL ELECTRIC CODE AND DIVISION 26 OF THE SPECIFICATION. 	PROJECT
	 THE LOCATIONS OF ALL ITEMS SHOWN ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE ONLY. THE EXACT LOCATIONS NECESSARY TO SECURE THE BEST CONDITIONS AND RESULTS MUST BE DETERMINED BY THE PROJECT SITE CONDITIONS AND SHALL HAVE THE APPROVAL OF THE ENGINEER BEFORE BEING INSTALLED. DO NOT SCALE THE DRAWINGS. ALL MISCELLANEOUS STEEL REQUIRED TO ENSURE PROPER INSTALLATION SHALL BE FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR. ALL EQUIPMENT, PIPING, DUCTWORK, ETC., SHALL BE SUPPORTED AND REQUIRED TO PROVIDE A VIBRATION FREE INSTALLATION. WHEN EQUIPMENT IS SUBSTITUTED AND/OR MODIFIED SUCH THAT CHANGES IN THE ELECTRICAL DESIGN, SUCH AS BREAKER SIZE, WIRE SIZE, ETC., ARE REQUIRED, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASSOCIATED COSTS FOR THE CHANGE INCLUDING DESIGN COSTS. ANY SUCH CHANGES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IN WRITING AND RECEIVE APPROVAL FROM THE ENGINEER PRIOR TO 	DATE: 2023-08-15 MOSANE DESNR: -
	ORDERING EQUIPMENT. SUBMITTAL AND SUBSEQUENT APPROVAL OF SHOP DRAWING(S) SHALL NOT CONSTITUTE WRITTEN NOTIFICATION AND/OR APPROVAL. SIMILARLY, WHEN EQUIPMENT IS SUBSTITUTED AND/OR MODIFIED SUCH THAT IT CAUSES CHANGES TO ANY OTHER PART OF THE DESIGN, THESE CHANGES SHALL BE COORDINATED WITH THE CONTRACTOR AND/OR PARTIES AFFECTED AND THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ASSOCIATED COSTS FOR THE CHANGE INCLUDING DESIGN COSTS. ANY SUCH CHANGES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IN WRITING AND RECEIVE APPROVAL FROM	SEAL 028174 8-15-23
	 THE ENGINEER PRIOR TO ORDERING EQUIPMENT. SUBMITTAL AND SUBSEQUENT APPROVAL OF SHOP DRAWING(S) SHALL NOT CONSTITUTE WRITTEN NOTIFICATION AND/OR APPROVAL OF. 10. THESE DRAWINGS ARE SCHEMATIC IN NATURE AND NOT TO BE SCALED. CONTRACTOR IS RESPONSIBLE FOR FINAL ROUTING, COORDINATION WITH ALL TRADES, AND PROVIDING ALL FITTINGS NECESSARY. 11. ROOFTOP EXHAUST FAN WORK SHALL BE PERFORMED IN PHASE 1, INCLUDING TEST AND BALANCE. 12. WORK IN LOCATIONS WHERE THERE IS EXPOSURE TO A FALL HAZARD THAT WILL TAKE MORE 1-2 HOURS REQUIRES THE USE OF A FALL PROTECTION SYSTEM. STANDARD OPTIONS INCLUDE INSTALLING TEMPORARY GUARDRAILS; OR, WHERE APPROPRIATE, THE USE OF A TRAVEL RESTRAINT SYSTEM. A FALL PROTECTION COMPETENT PERSON SHALL OVERSEE THE INSTALLATION OR USE OF THE FALL PROTECTION SYSTEM. 13. SKYLIGHTS THAT A PERSON COULD STEP ON OR FALL INTO MUST BE GUARDED OR CAPABLE OF SUPPORTING WITHOUT FAILTURE, AT LEAST TWICE THE MAXIMUM INTENDED LOAD. (29CFR1910.29(e)). 14. HOLES IN FLOORS OR WALKING-WORKING OR SIMILAR SURFACES, AT LEAST 2 INCHES IN THE LEAST DIMENSION AND >4 FT ABOVE A LOWER LEVEL MUST BE COVERED OR GUARDED. THIS INCLUDES OPENINGS CREATED WHEN EQUIPMENT IS REMOVED. IT ALSO INCLUDES ANY UNGUARDED ROOF HATCHES. 	NCSU-McKIMMON CENTER RESTROOM RENOVATIONS sco id # 22-25847 code/item # 42124/323
	BUILDING KEYPLAN Image: Construction of the second seco	SHEET NO. SHEET NO. MD111of Total Sheets: 00 Designer Proj. No. 142814 NCSU Proj. No. 202220029



GR	ILLE, REG	GISTEF	R & D	IFFUS	ER	SCHE	EDULE				
UNIT	SPEC. TYPE	SERVICE	FACE SIZE	NECK SIZE	MAX. NC	MAX. S.P. (in. wc.)	ARRANGEMENT	NOTES			
D-A	KRUGER 1100	SUPPLY	24"x24"	12"x8"	20	.09	CEILING	1			
D-B	KRUGER 1100	SUPPLY	24"x24"	12"x4"	20	.09	CEILING	1			
G-A	KRUGER 585H	EXHAUST	24"x24"	10"x6"	20	.09	CEILING	1			
G-B	KRUGER 585H	EXHAUST	12"x12"	6"x6"	20	.09	CEILING	1			
NOTES: 1. QUANTIT											

FAN SCHEDULE											
UNIT NO.	LOCATION	SERVICE	AREA SERVED	PERFOR	MANCE	ELECTRICAL					
				C.F.M.	TOTAL S.P.	VOLTS/PHASE	HP				
F-1	AREA 1 ROOF	EXHAUST	149, 151	1290	5/8	120/1	1/2				
F-4	AREA 4 ROOF	EXHAUST	118, 122B, 124	2210	5/8	460/3	1/2				
F-5	AREA 4 ROOF	EXHAUST	102, 108	1510	5/8	120/1	1/2				
NOTES: 1.	NOTES: 1. MATCH EXISTING CURB SIZE, APPROXIMATELY 27"x27"x10". FIELD VERIFY.										

3. EXHAUST FANS SHALL BE INTERFACED WITH THE BUILDING CONTROL SYSTEM (SCHNEIDER ELECTRIC) TO ALLOW SCHEDULING OFF AND ALLOW MONITORING OF FAN OPERATION. TAB OF THE NEW EXHAUST FAN AIRFLOW SHALL BE PERFORMED TO ENSURE PROPER OPERATION AND KEEP THE BUILDING FROM BECOMING TOO NEGATIVE.



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CONSTRUCTION DOCUMENT PHASE

MANAGEMENT carolina 27695 - 7520

PROJECT Raleigh, North

CAPITAL * box 7520* 1

1A 23

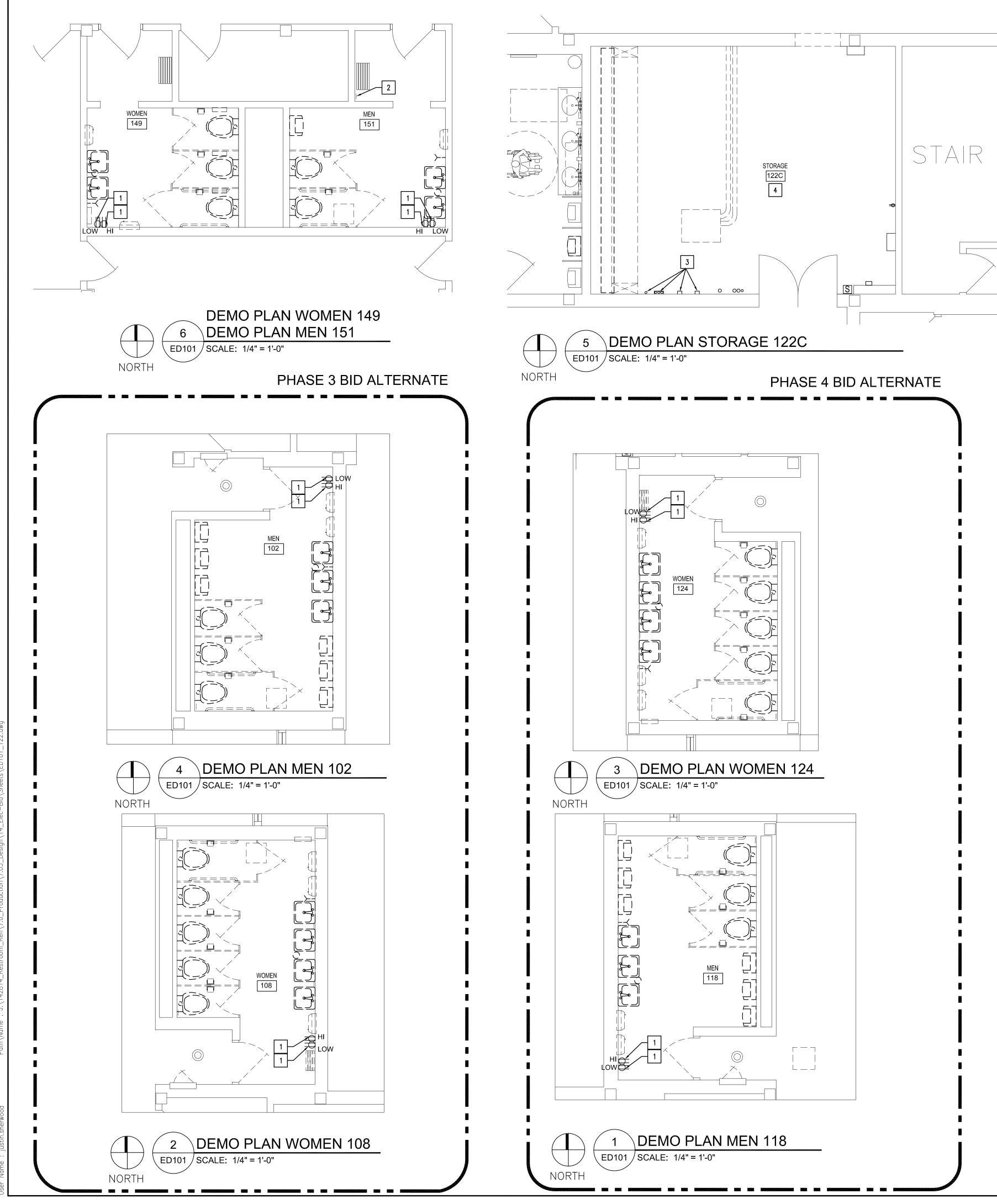
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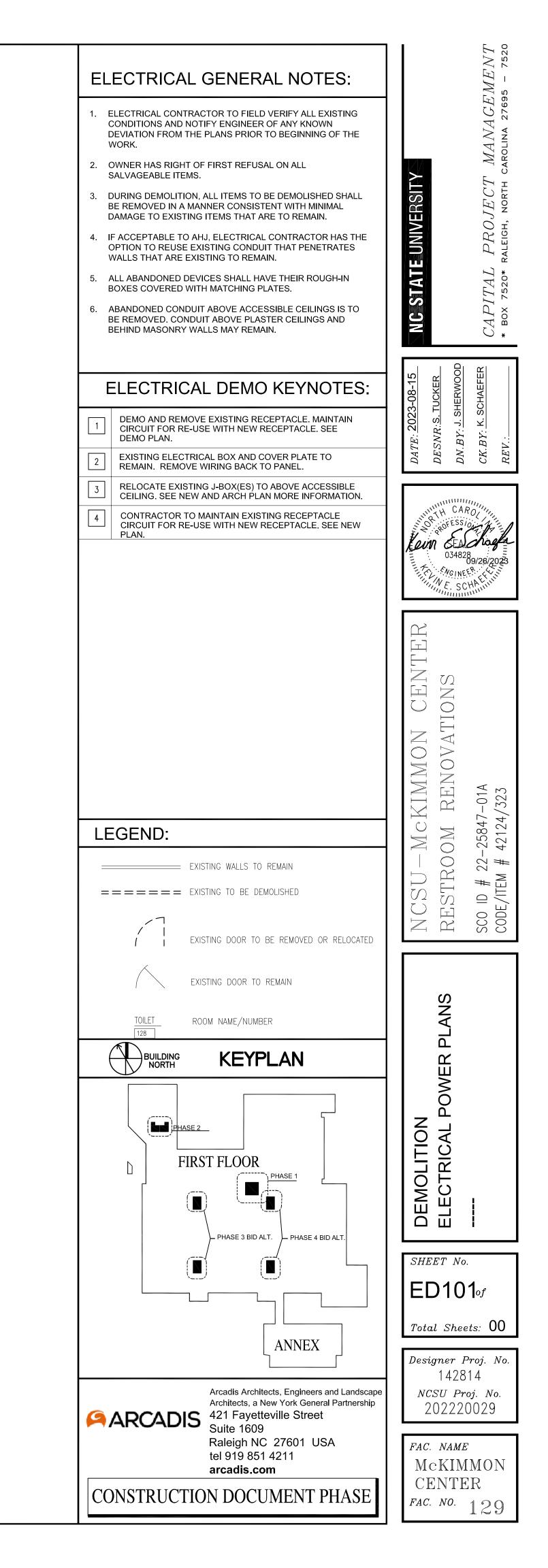
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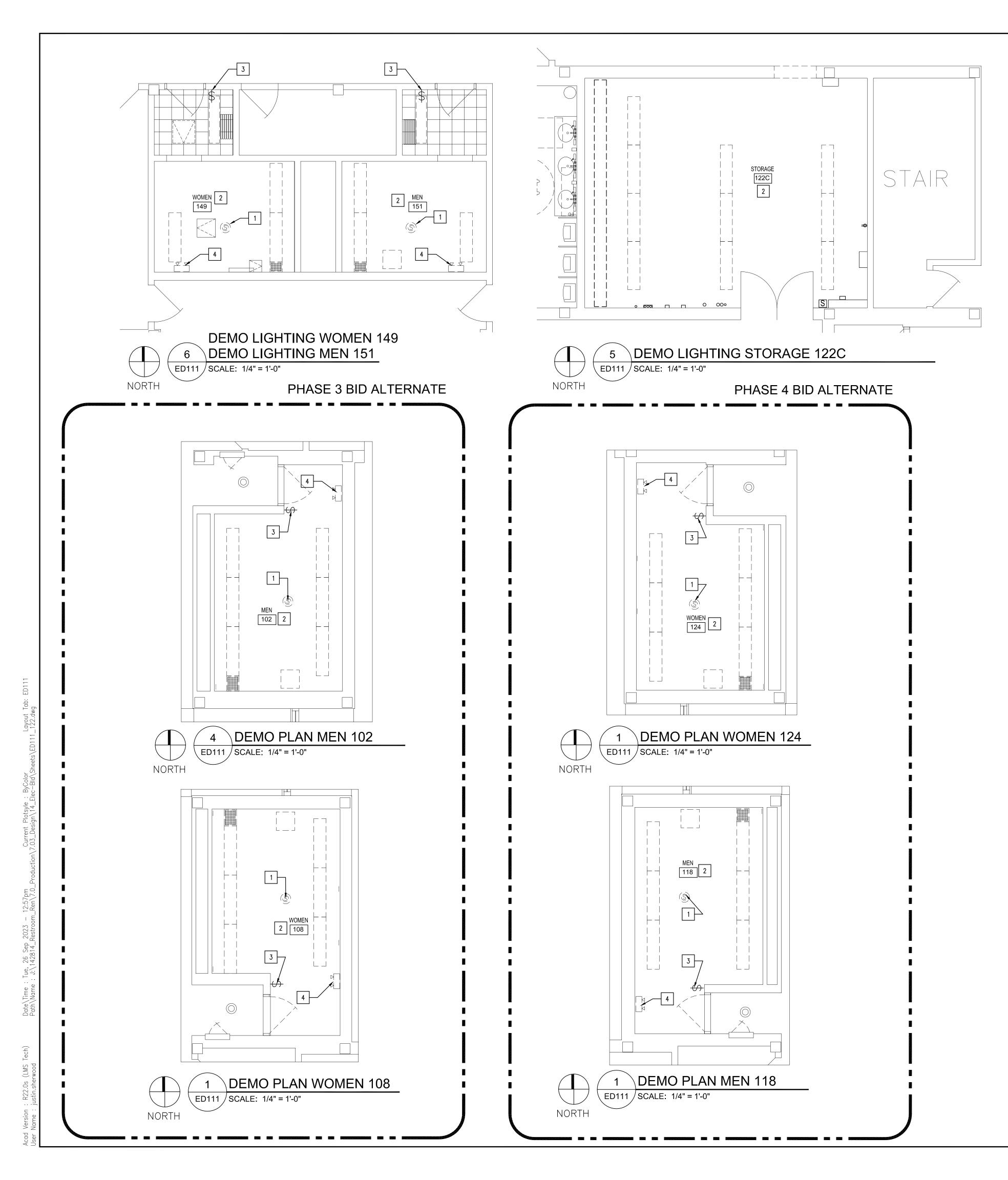
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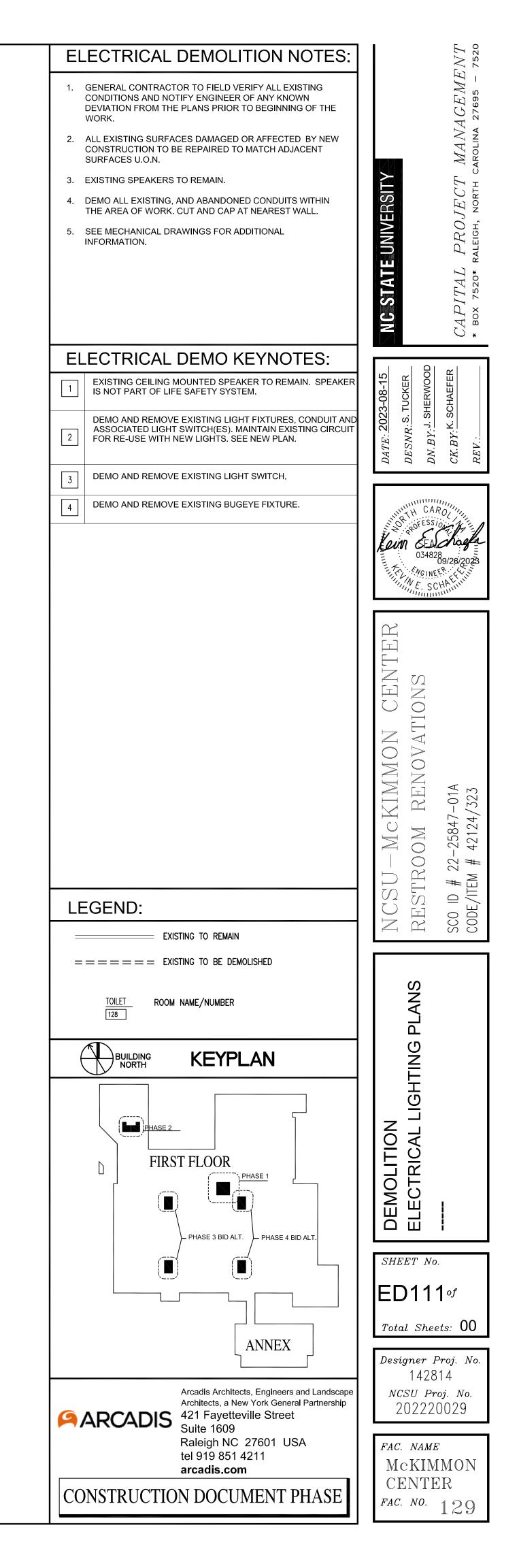
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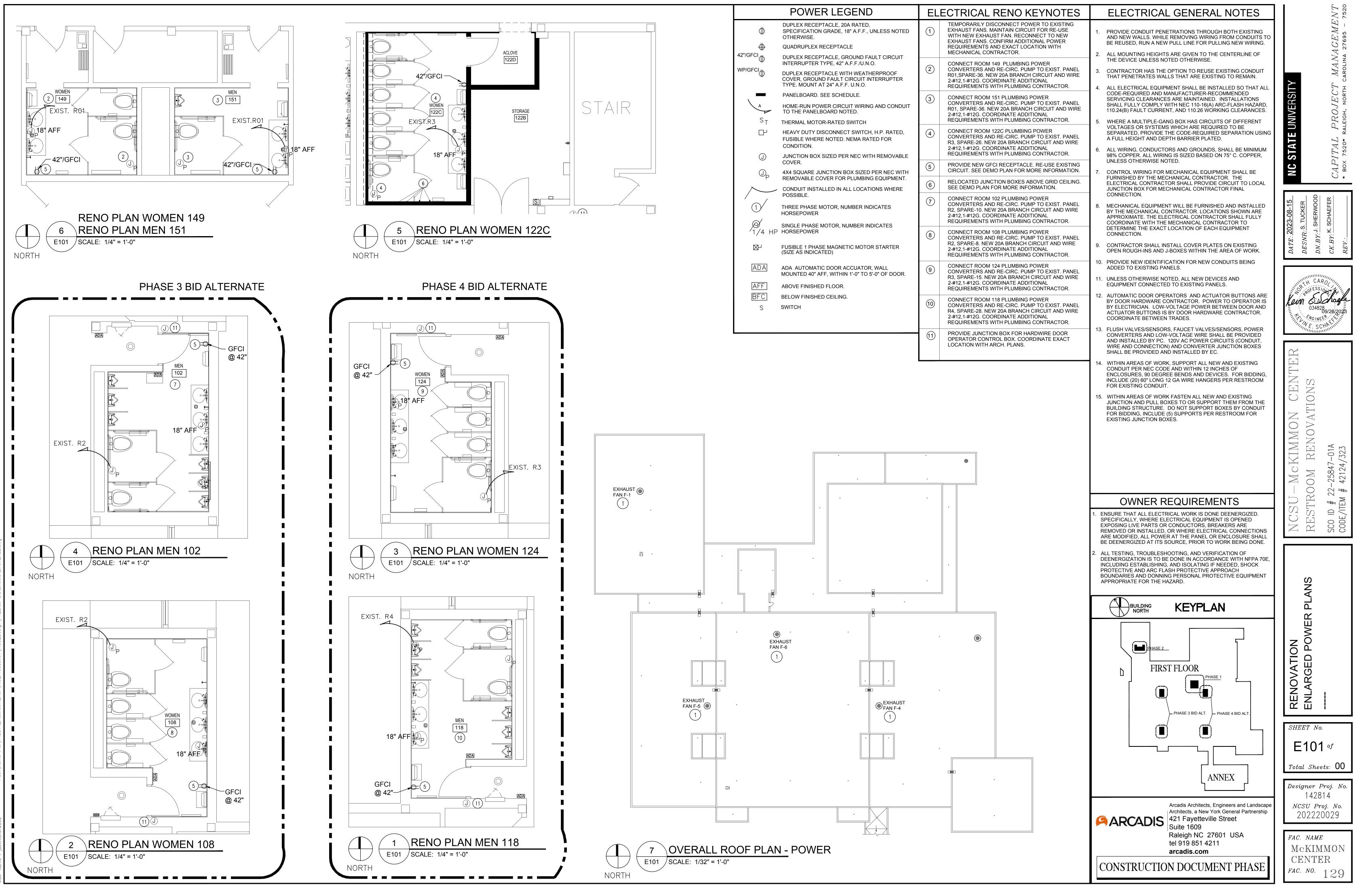
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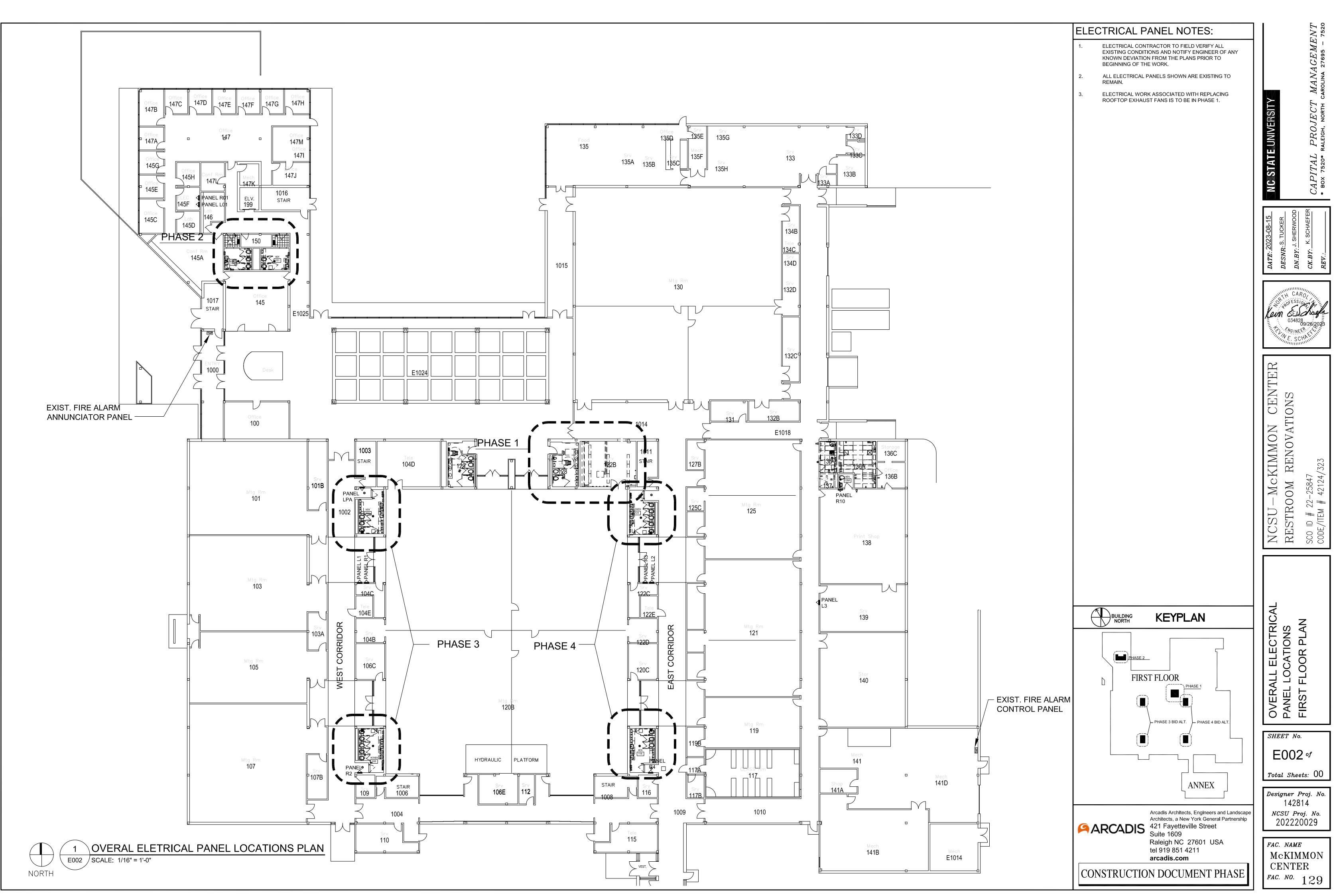




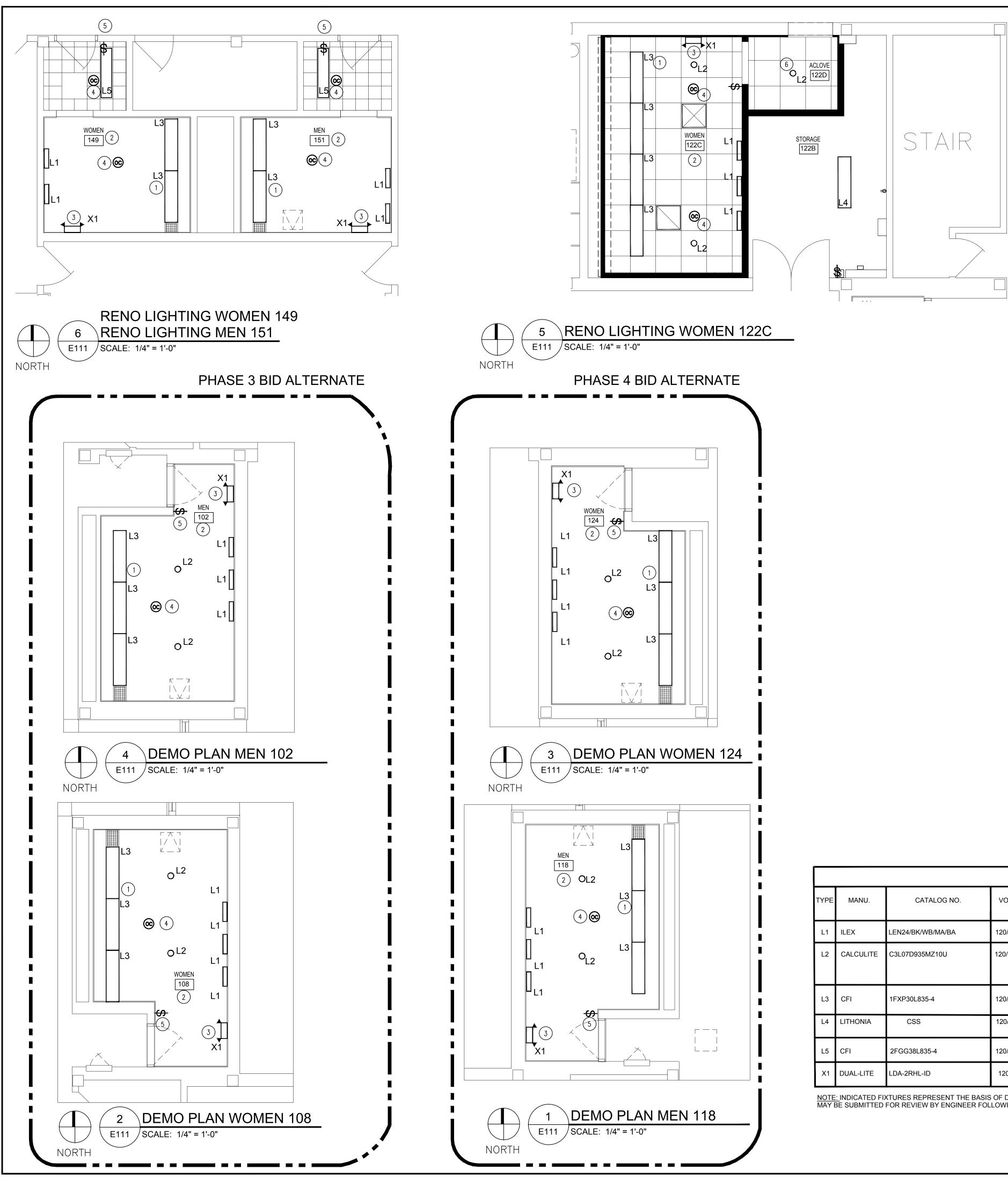


Tue, 26 Sep 2023 – 12:45pm Current Plotsyle : ByColor Layout : J:\142814_Restroom_Ren\7.0_Production\7.03_Design\14_Elec-Bld\Sheets\E101_122.dw

d Version : R22.0s (LMS Tec Name : justin.sherwood



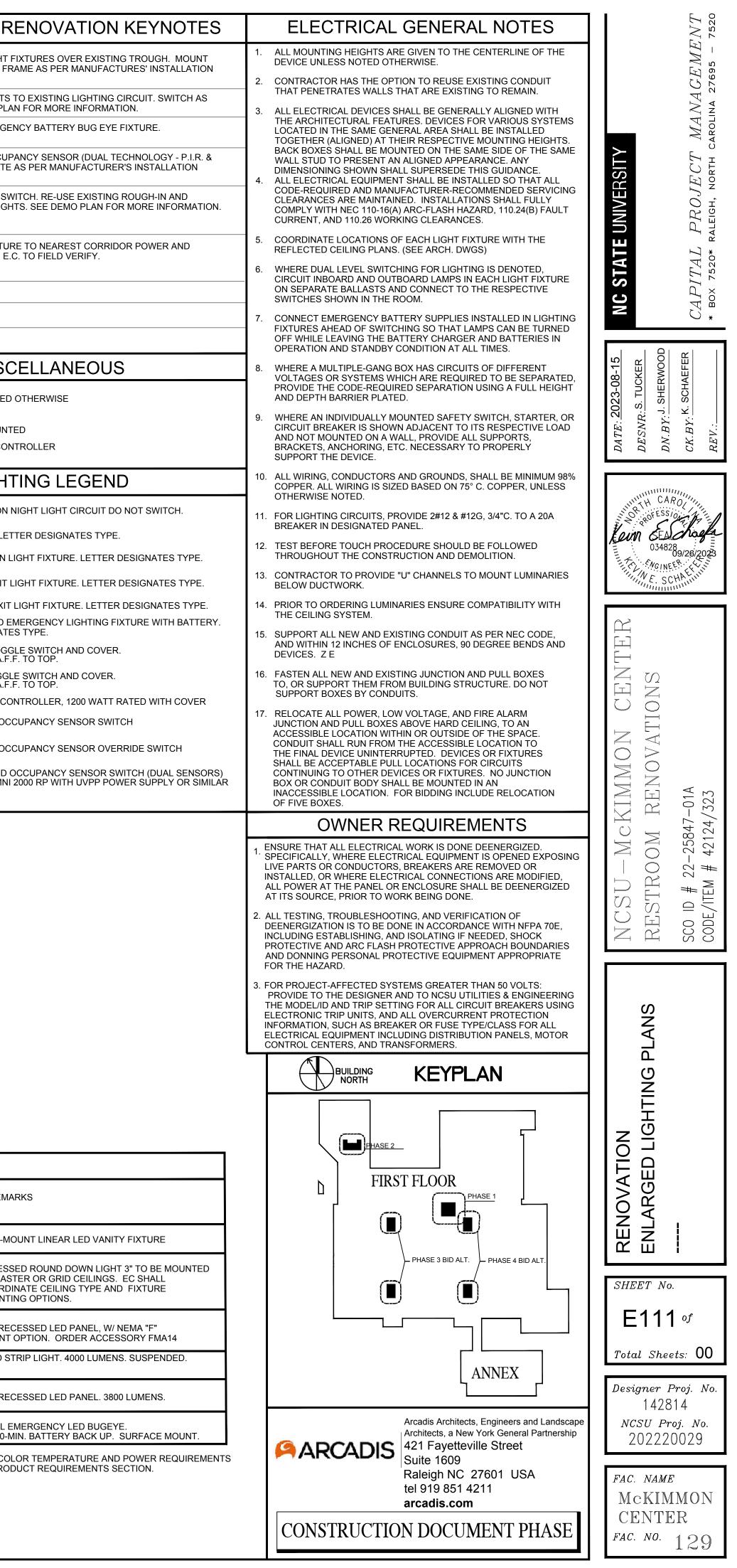
ion : R22.0s (LMS Tech) Date\Time : Mon, 14 Aug 2023 - 5:06pm Current Plotsyle : ByLayer Layout Tat 3 : justin.sherwood Path\Name : J:\142814_Restroom_Ren\7.0_Production\7.03_Design\14_Elec-Bld\Sheets\E002_122.dwg



	ELECTRICAL LEGEND									
TYPE	MANU.	CATALOG NO.	VOLT.		LAMP	S	LUMENS/	WATTS	COLOR	REMA
	100 1100.	0/1/1200110.	VOET.	NO.	TYPE	LUMENS		WATE S	TEMP	
L1	ILEX	LEN24/BK/WB/MA/BA	120/277	1	LED			16		WALL-M
L2	CALCULITE	C3L07D935MZ10U	120/277	1	LED			14		RECESS IN PLAS
										COORD MOUNT
L3	CFI	1FXP30L835-4	120/277	1	LED			27		1X4' RE MOUNT
L4	LITHONIA	CSS	120/277	1	LED			27		4' LED S
L5	CFI	2FGG38L835-4	120/277	1	LED			32		1X4' RE(
X1	DUAL-LITE	LDA-2RHL-ID	120	1	LED			10		DUAL E W/90-N

NOTE: INDICATED FIXTURES REPRESENT THE BASIS OF DESIGN. FIXTURES WITH AN EQUIVALENT APPEARANCE, LUMENS, CRI, COLOR TEMPERATURE AND POWER REQUIREMENTS MAY BE SUBMITTED FOR REVIEW BY ENGINEER FOLLOWING THE SUBSTITUTION REQUIREMENTS IN THE PROJECT MANUAL'S PRODUCT REQUIREMENTS SECTION.

E	ELECTRICAL F
1	CEILING MOUNT LIGHT PANEL TO NEMA "F" FI DIRECTIONS.
2	CONNECT NEW LIGHTS SHOWN. SEE DEMO PL
3	PROVIDE NEW EMERGE
4	CEILING MOUNT OCCU ULTRASONIC). LOCATE DIRECTIONS.
5	PROVIDE NEW WALL SV CONNECT TO NEW LIGI
6	CONNECT LIGHT FIXTU SWITCHING CIRCUIT. E
	MISC
	U.N.O. UNLESS NOTED CKT CIRCUITS CLG CEILING MOUN CTRL CONTROLS/CO
	LIGH
	LIGHT FIXTURE ON
	A LIGHT FIXTURE. LE
0	RECESSED DOWN
\otimes	SINGLE FACE EXIT
_	DOUBLE FACE EXIT
474	SELF-CONTAINED E
\$	SELF-CONTAINED E
\$	SELF-CONTAINED E LETTER DESIGNAT SINGLE POLE TOG 20A RATED, 48" A.F
	SELF-CONTAINED E LETTER DESIGNAT SINGLE POLE TOG 20A RATED, 48" A.F THREE-WAY TOGG 20A RATED, 48" A.F
\$ 5	SELF-CONTAINED E LETTER DESIGNAT SINGLE POLE TOG 20A RATED, 48" A.F THREE-WAY TOGG 20A RATED, 48" A.F
\$ 5 S	SELF-CONTAINED E LETTER DESIGNAT SINGLE POLE TOG 20A RATED, 48" A.F THREE-WAY TOGG 20A RATED, 48" A.F DIMMER SWITCH CO
\$ S S	SELF-CONTAINED E LETTER DESIGNAT SINGLE POLE TOGE 20A RATED, 48" A.F THREE-WAY TOGG 20A RATED, 48" A.F DIMMER SWITCH CO M WALL MOUNTED OC



PANEL R01									
120/208 V, 3Ø, 4 WIRE, SURFACE MOUNTED, TYPE "NLAB" 225 AMP MAIN BREAKER, BRANCH, CIRCUIT BREAKERS- 10,000 AMP, 1C. MINMUM									
CIRCUIT NUMBER	FRA	٩ME	TR	IP	POL	.E	WIRE	LOAD	
1 - 17	TH	QB	2	0	1		12	RECEPTACLES	
18		1		1		ı	L L	ELEC. CONT. CCT	
19, 21, 23, 24								RECEPTACLES	
20, 22								LIGHTING- ELEV. PIT	
25, 26, 28, 30, 32				,			12	RECEPTACLES	
27, 29			2	0			-	SPARE	
31, 33				-			-	SPACE	
34,38			2	0			-	SPARE	
35			2	0			12	LIGHTING	
37, 39, 41, 42			2	0	1		-	SPARE	
40	TH	QB	3	0	2		10	REP. MACHINE	
36	TH	QB	20)	1		12	RE-CIRC PUMP	

EXISTING PANEL. NEW CIRCUITS SHOWN IN BOLD.

PANEL R3 120/208 VOLT, 3Ø, 4 WIRE, FLUSH MTD, TYPE "NLAB" 225 AMP MAIN- LUGS , BRANCH, CIRCUIT BREAKERS- 10,000 AMP, 1 CIRCUIT NUMBER FRAME TRIP POLE WIRE LOAD THQB 20 1 12 RECEI 1 - 6 7, 9, 11, 13 ▲ 30 ▲ 10 DIMM 20 12 RELA 8 10, 12, 14 20 12 RELA 20 - SPAR 17 - 20 _____ - SPAC 21 - 24 20 2 12 MAIN H 25 26 THQB 20 1 12 RE-CIF 27, 28 THQB - 1 - SPACE 15 THQB 20 1 12 RE-CIF

EXISTING PANEL. NEW CIRCUITS SHOWN IN BOLD.

400/000 VOLT 00 4 M					
120/208 VOLT, 3Ø, 4 W 225 AMP MAIN- LUGS					
				.0-10,000	
CIRCUIT NUMBER	FRAME	TRIP	POLE	WIRE	LOAD
1	THQB	20	1	12	LIGHTING
2, 3	4	4	4	12	RECEPTACLES
4				12	PLAT CONTROLS
5				-	SPARE
6 - 12				12	RECEPTACLES
13, 15, 17		20		12	RELAY RPA 15
14, 16, 18, 20		30		10	DIMMER GROUP #1
19		20		12	RELAY REL 1
21 - 24		20		-	SPARE
25, 27, 29		-		-	SPACE
26		20	•	-	SPARE
30, 32		4	1	12	RECEPTACLES
31			2	-	SPARE
33, 34		•	2	12	RECEPTACLES
35		20	2	12	3/4 HP DOOR MOTOR
36	THQB	30	3	6	POWER REC.
28	THQB	20	1	12	RE-CIRC PUMP

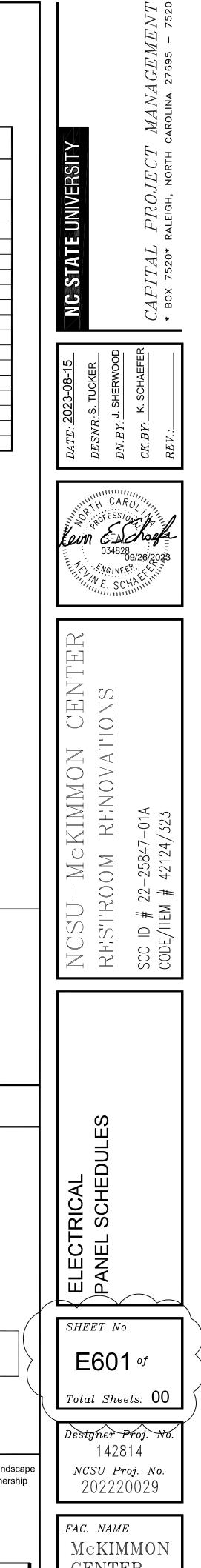
EXISTING PANEL. NEW CIRCUITS SHOWN IN BOLD.

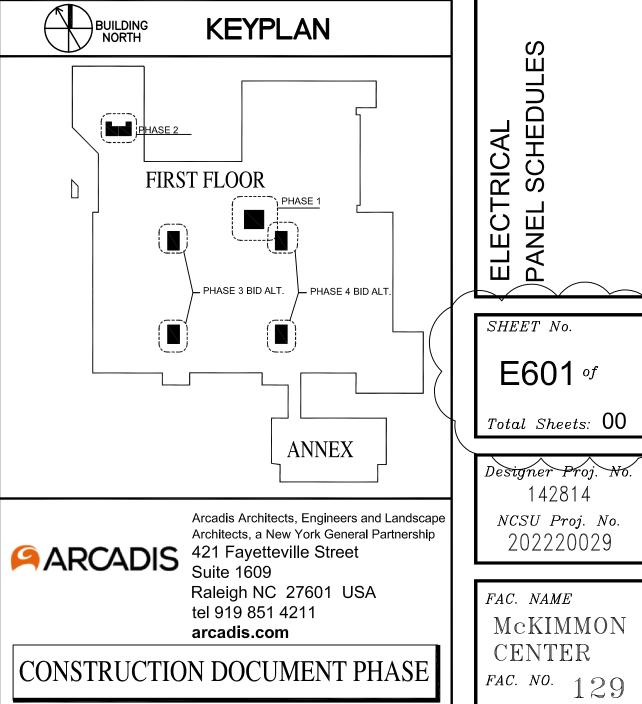
1C. MINMUM
D
EPTACLES
IER GROUP #3
Y REL 3
Y RPA 14
RE
E
HALL REC.
IRC PUMP
E
IRC PUMP

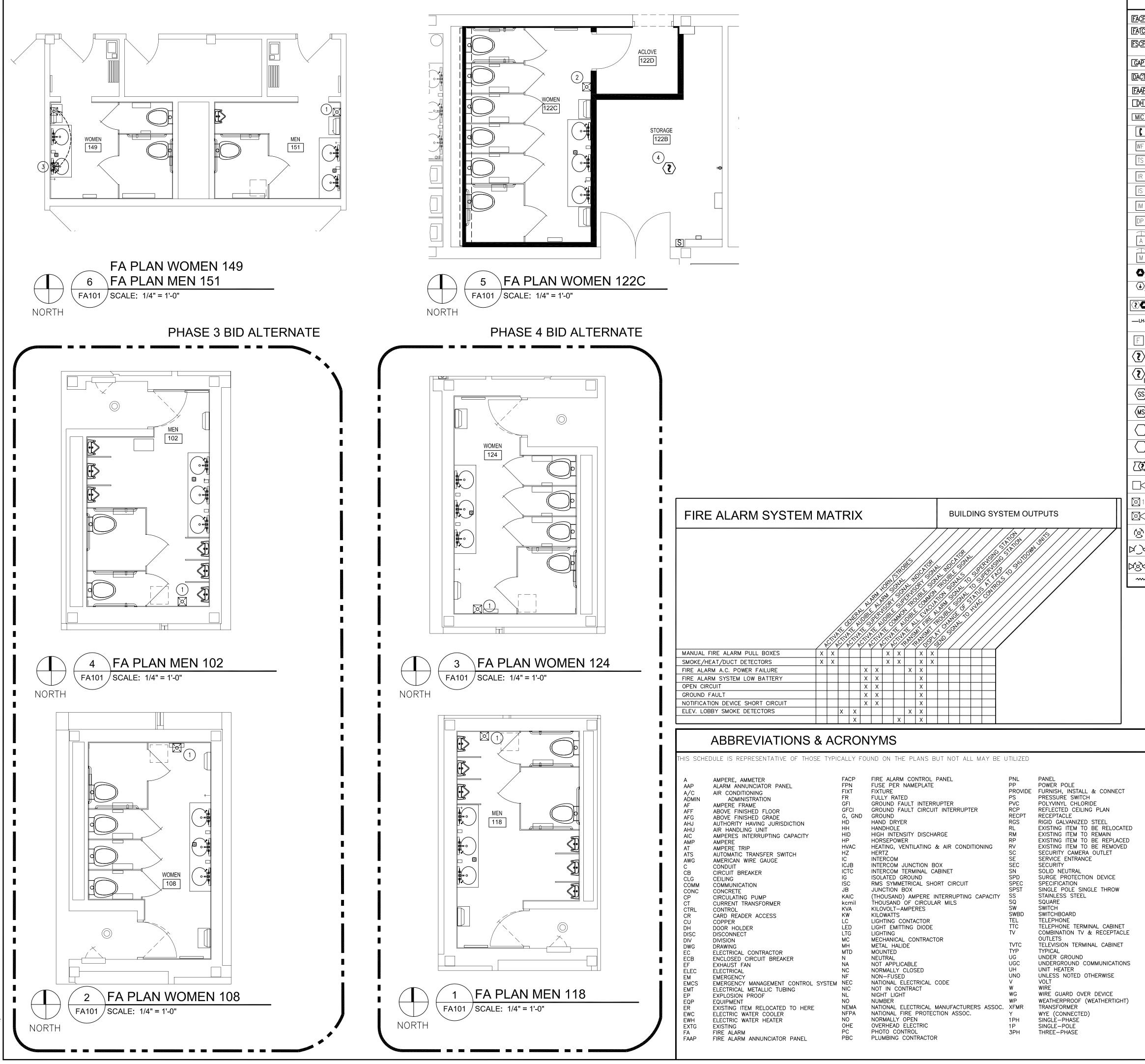
PANEL R2

120/208 V, 3Ø, 4 WIRE, FLUSH MTD, TYPE "NLAB" 225 AMP MAIN- LUGS, BRANCH, CIRCUIT BREAKERS- 10,000 AMP, 1C. MINIMUM										
CIRCUIT NUMBER	FRAME	TRIP	POLE	WIRE	LOAD					
1 - 6	THQB	20	1	12	RECEPTACLES					
12	↓		Å	-	SPARE					
7, 9, 11				12	RECEPTACLES					
14, 16		•		12	LIGHTING					
13, 15, 17		20		12	RECEPTACLES					
18, 20, 22, 24		30		10	DIMMER GROUP #2					
19, 21, 23		20		12	RELAY RPA 11					
25, 27, 29		20		12	RELAY RPA 12					
26		20		12	RELAY REL 2					
28, 30, 32		-	1	-	SPACE					
31, 33, 34		20	2	12	RECEPTACLES					
35	•	20	2	12	3/4 HP DOOR MOTOR					
8	THQB	20	1	12	RE-CIRC PUMP					
10	THQB	20	1	12	RE-CIRC PUMP					

EXISTING PANEL. NEW CIRCUITS SHOWN IN BOLD.







F	IRE ALARM SYMBOLS	GENERAL FIRE ALARM NOTES	NT 7520
P	FIRE ALARM CONTROL PANEL	1. SEE SHEET E002 FOR LOCATION OF EXISTING FACP.	ME -
C	FIRE ALARM TERMINAL CABINET	2. "RM" EQUALS EXISTING TO REMAIN.	E E
PN	FIRE SUPPRESSION CONTROL PANEL N DENOTES SUPPRESSION TYPE	3. "RV" EQUALS EXISTING DEVICE TO BE REMOVED.	⁷ AG. ▲ 276
ี่ ี่ว _{ีN}	GRAPHIC ANNUNCIATOR PANEL	4. "RL" EQUALS EXISTING DEVICE TO BE RELOCATED.	MAN_
T	DIGITAL ALARM COMMUNICATOR TRANSMITTER	5. FIRE ALARM RISER PATHWAYS MAY CONTAIN MULTIPLE CIRCUITS. CONTRACTOR TO VERIFY WIRE IN EACH CONDUIT.	M
P	FIRE ALARM ANNUNCIATOR PANEL	6. AFTER COMPLETION OF WORK, EXISTING FACP TO BE	
	MAGNETIC DOOR HOLDER REMOTE VOICE EVACUATION VOICE	REPROGRAMMED FOR CHANGES AND TESTED PER NCSU AND SCO REQUIREMENTS.	IE (
	EVACUATION MICROPHONE	 EXISTING FACP IS BY NOTIFIER. EXISTING COMMUNICATOR IS FIRELITE MS-5210UD. 	UNIVERSITY PROJECT
	FIRE SERVICE OR EMERGENCY PHONE STATION WATER FLOW SWITCH	8. WITHIN AREAS OF WORK, SUPPORT ALL NEW AND EXISTING	
<u></u>	TAMPER SWITCH	CONDUIT AS PER NEC CODE, AND WITHIN 12 INCHES OF ENCLOSURES, 90 DEGREE BENDS AND DEVICES.	TTAL
	IAM RELAY	9. WITHIN AREAS OF WORK, FASTEN ALL NEW AND EXISTING JUNCTION AND PULL BOXES TO, OR SUPPORT THEM FROM	17A
	ISOLATOR	BUILDING STRUCTURE. DO NOT SUPPORT BOXES BY CONDUITS.	
	INDIVIDUAL ADDRESABLE MODULE	10. RELOCATE ALL POWER, LOW VOLTAGE AND FIRE ALARM	
 7	DAMPER SWITCH	JUNCTION AND PULL BOXES ABOVE HARD CEILING, TO AN ACCESSIBLE LOCATION WITHIN OR OUTSIDE OF THE SPACE. CONDUIT SHALL RUN FROM THE ACCESSIBLE LOCATION TO	
	ABORT SWITCH	THE FINAL DEVICE UNINTERRUPTED. DEVICES OR FIXTURES SHALL BE ACCEPTABLE PULL LOCATIONS FOR CIRCUITS	23-08-15 S. TUCKER SHERWOOD SCHAEFER
	MANUAL RELEASING STATION	CONTINUING TO OTHER DEVICES OR FIXTURES. NO JUNCTION BOX OR CONDUIT BODY SHALL BE MOUNTED IN	2023-08-15 R. S. TUCKER
	GAS DETECTOR	AN INACCESSIBLE LOCATION. FOR BIDDING INCLUDE RELOCATION OF FIVE BOXES.	. 202: /R. S/ Y. <u></u>
X	X=GAS TYPE (EX. CO FOR CARBON MONOXIDE) HEAT DETECTOR/SENSOR	11. WHERE RELOCATING OR ADDING FIRE ALARM DEVICES, DO NOT SPLICE OR "T" TAP FIRE ALARM WIRING. MAKE	DATE: <u>`</u> DESNR DN.BY: CK.BY: REV.:
λ <u>χ</u>	X=TYPE	CONNECTIONS ONLY AT DEVICES OR IN TERMINAL CABINETS. AFTER COMPLETING FIRE ALARM WORK, TEST	DA DE DA CK RE
D _x	PROVIDE BOX, AS SHOWN, TO DENOTE COMBINATION DETECTORS	100% OF NEW DEVICES AND DEVICES ON SAME LOOP PLUS 10% OF EXISTING DEVICES FIRE ALARM SYSTEM TO VERIFY	
H	HEAT DETECTOR LINE TYPE	PROPER OPERATION. FOR PROJECTS MIXING OLD AND NEW NOTIFICATION DEVICES IT IS THE RESPONSIBILITY OF THE FIRE ALARM CONTRACTOR, BEFORE BEGINNING WORK, TO) UNITH CARO
]	PULL STATION/FIRE ALARM	FIRE ALARM CONTRACTOR, BEFORE BEGINNING WORK , TO ENSURE THAT NEW AND EXISTING DEVICES CAN PRODUCE THE SAME SYNCHRONIZED AUDIBLE TONE/PULSE ALARM. IF	NOP ROFESSION AND AND AND AND AND AND AND AND AND AN
\rangle	SMOKE DETECTOR/SENSOR (DEFAULT PHOTOELECTRIC TYPE)	THAT IS NOT POSSIBLE, ALL EXISTING AUDIBLE DEVICES MAY NEED TO BE REPLACED. (NFPA 72-2007 6.8.6.5.3)	Eenn SEAl Chage
	SMOKE DETECTOR - IONIZATION TYPE (ION)		09/26/2023
(10N 5)	SMOKE ALARM (SINGLE STATION)	FIRE ALARM KEYNOTES	WINE. SCHAMM
		TEMPORARILY PROTECT AND REMOVE DEVICE FROM	
s>	SMOKE ALARM (MULT. STATION)	1 WALL SURFACE WITHOUT DISCONNECTING WIRES. REINSTALL DEVICE ATOP NEW WALL FINISH. TEST TO	
\sum_{SB}	DETECTOR WITH SOUNDER BASE (SB)	ENSURE FUNCTION. (2) PROVIDE NEW FA DEVICE. INSTALL 96" TO TOP OF DEVICE.	
∕wc	DETECTOR - MULTI CRITERIA TYPE (MC)	2 PROVIDE NEW FA DEVICE. INSTALL 96" TO TOP OF DEVICE. CIRCUIT BACK TO EXISTING FACP. E.C. TO TEST FOR CAPACITY. PROVIDE NEW FA BOOSTER PANEL IF NEEDED.	
\mathbb{N}	DUCT SMOKE DETECTOR (NFPA 72, SECTION	RELOCATE EXISTING F.A. DEVICE. EXTEND FA NAC	0 N C E
\neg	17.7.5.5) AUDIBLE ONLY APPLIANCE (WALL MOUNTED)		
7 15	· · · ·	PROVIDE NEW FA DEVICE.	0 N VA
13 (15	VISUAL ONLY APPLIANCE (WALL MOUNTED) AUDIBLE/VISUAL APPLIANCE (WALL MOUNTED)		
	VISUAL ONLY APPLIANCE (CEILING MOUNTED)		MM ENO 1A 23
15	· · · · ·		
4	AUDIBLE ONLY APPLIANCE (CEILING MOUNTED)		ЛСТ М 5847 2124,
⊲ 15			
~	END OF LINE RESISTOR		J − 22 RC ##
			STF STF ID #
			NCSU RESTR sco id # code/item
		DEVICES AND PATHWAYS	
		EXISTING WIRING SYSTEM	
		EXISTING WIRING SYSTEM DEMO	S N
		NEW WIRING SYSTEM EXPOSED ⊢) JUNCTION BOX WITH CONNECTION TO EQUIPMENT	
		H(J) JUNCTION BOX WITH CONNECTION TO EQUIPMENT SERVED. 4" SQUARE BOX WITH A SINGLE-GANG OPENING AND PLASTER RING.	
			ARM PLANS
			ALA
			LIRE IRE
			Ŭ L G
		FIRST FLOOR	RENOVATION ENLARGED FII
			AF A
			ENL,
		- PHASE 3 BID ALT PHASE 4 BID ALT.	μщι
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		Suite 1609	
		Raleigh NC 27601 USA tel 919 851 4211	FAC. NAME
		arcadis.com	McKIMMON CENTER
		CONSTRUCTION DOCUMENT PHASE	
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