





UCCS CYBERSECURITY & SPACE ISAC EXPANSION







UNIVERSITY OF COLORADO, COLORADO SPRINGS

1420 AUSTIN BLUFFS PKWY COLORADO SPRINGS, CO 80918 uccs.edu

KENT MARSH ASSOCIATE VICE CHANCELLOR CAMPUS PLANNING & FACILITIES MANAGEMENT 719.255.3505 KMARSH2@UCCS.EDU

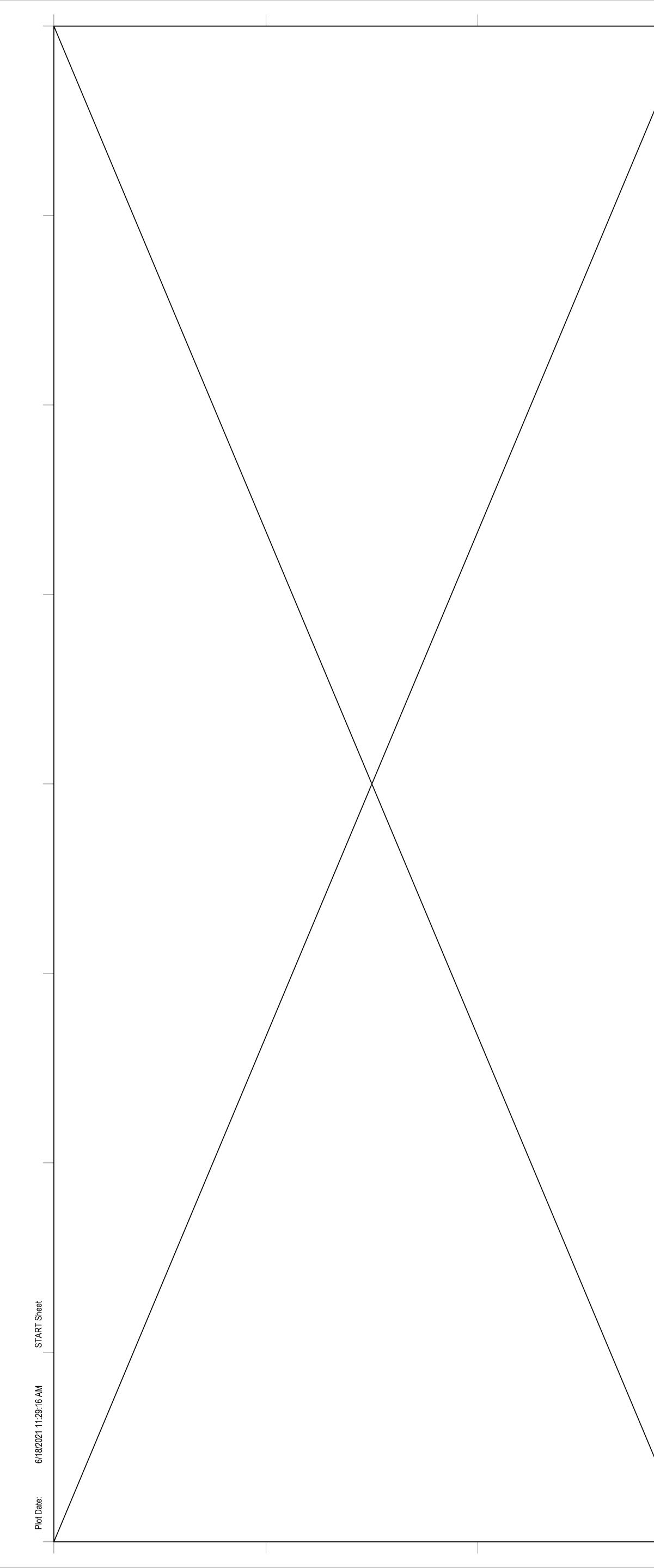
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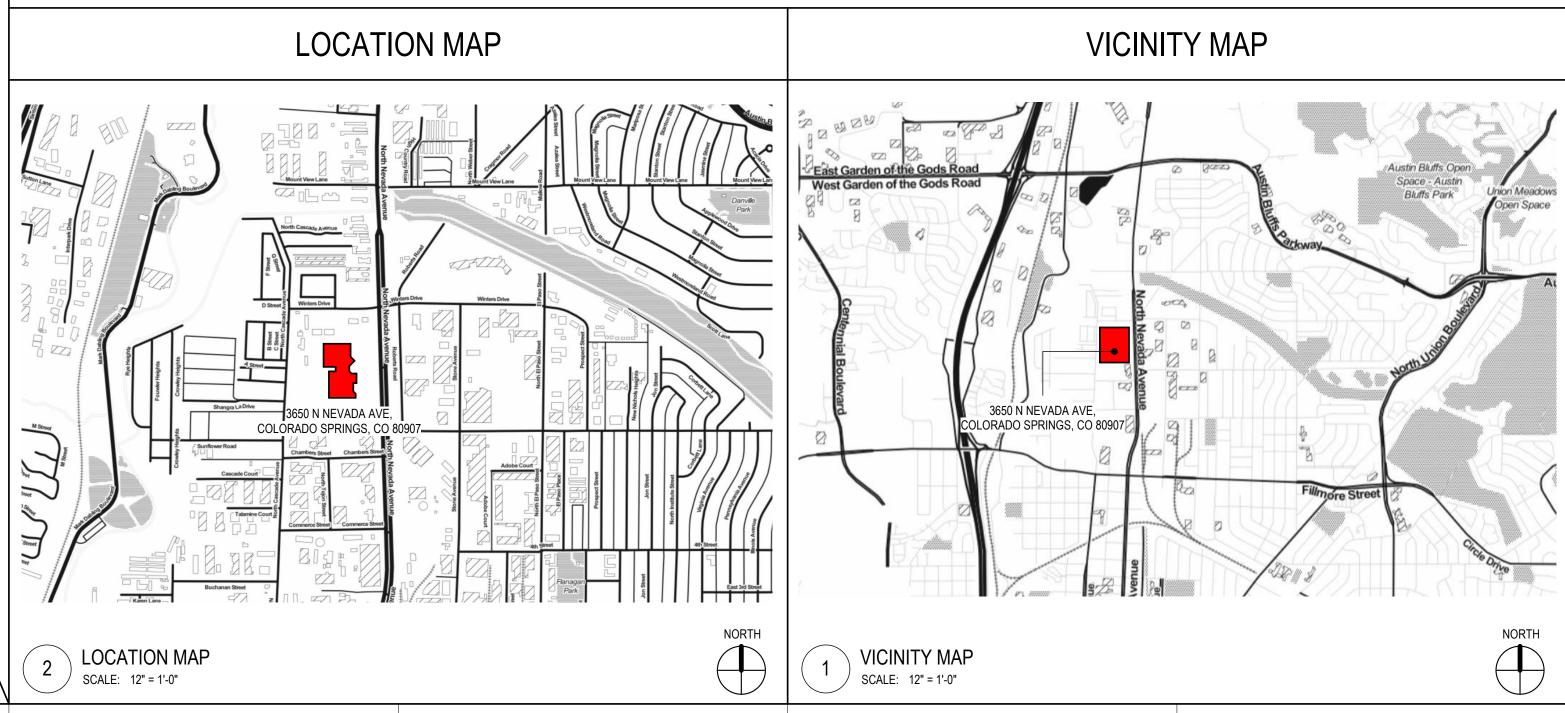
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ISSUED FOR: ADDENDUM 01

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	SHE	TLIST	PROJECT TEAM	PROJECT GENERAL NOTES
		UNIVERS	E R / CLIENT: SITY OF COLORADO, COLORADO SPRINGS (UCCS) STIN BLUFFS PKWY	THE FOLLOWING PROJECT GENERAL NOTES APPLY TO THE ENTIRE DRAWING SET AND ARE NOT SPECIFIC TO ANY ONE DISCIPLINE, UNLESS OTHERWISE NOTED:
SHEET	SHEET LIST	SHEET PLANNING T: 719-255		A. THE DRAWING SET AND SPECIFICATIONS (PROJECT MANUAL) ARE COMPLEMENTARY AND ESTABLISH DETAILED MINIMUM REQUIREMENTS FOR THE DESIGN AND
NUMBER	SHEET NAME	NUMBER SHEET NAME WEBSITE	E: uccs.edu	CONSTRUCTION OF THE PROJECT. B. THE DRAWING SET CONSISTS OF ALL SHEETS LISTED BY
ENERAL 50.0 51.1 52.1.1 52.2.1 TRUCTURAL 1.0	PROJECT COVER SHEET GENERAL PROJECT INFORMATION BUILDING CODE SUMMARY FIRE AND LIFE SAFETY DRAWINGS STRUCTURAL PLAN AND GENERAL NOTES	E0.3ENERGY COMPLIANCE CALCULATIONSDENVERED2.1.2ELECTRICAL DEMOLITION PLAN - NORTH - AREA AT: 303-832	ROUP GAN STREET R / CO / 80203	 THE SHEET INDEX. THE WORK DESCRIBED BY THE DRAWINGS OF ANY ONE DISCIPLINE MAY BE AFFECTED BY THE WORK DESCRIBED ON DRAWINGS OF ANOTHER DISCIPLINE AND MAY REQUIRE REFERENCE TO DRAWINGS OF ANOTHER DISCIPLINE. PARTIAL DRAWING SETS ARE INCOMPLETE. DO NOT DISTRIBUTE OR UTILIZE PARTIAL DRAWINGS SETS. C. COLUMN GRID LINES IDENTIFIED BY A LETTER
RCHITECTURAL 0.1 0.2 0.3	ARCHITECTURAL ABBREVIATIONS AND SYMBOLS TYPICAL TOILET ROOM MOUNTING HEIGHTS AND STALL CONFIGURATION DIAGRAMS TYPICAL MOUNTING HEIGHTS AND DIMENSIONING CONVENTIONS	E2.1.3 ELECTRICAL POWER PLAN - NORTH - AREA B E2.1.4 ELECTRICAL POWER PLAN - SOUTH - AREA A 12499 WE	CTURAL ENGINEER: /MARTIN, INC. /EST COLFAX AVENUE DOD / CO / 80215	DESIGNATION ARE PARALLEL, UNLESS OTHERWISE NOTED. COLUMN GRID LINES IDENTIFIED BY A NUMBER DESIGNATION ARE PARALLEL AND ARE PERPENDICULAR TO THOSE WITH LETTER DESIGNATIONS, UNLESS OTHERWISE NOTED.
0.4 0.5 D2.1 D3.1	TYPICAL RULES FOR DETERMINING MOUNTING HEIGHTS AND LOCATIONS TYPICAL REFLECTED CEILING PLAN LOCATIONS AND CONFIGURATIONS DEMOLITION FLOOR PLAN - OVERALL DEMOLITION CEILING PLAN - OVERALL	E2.4ELECTRICAL - ENLARGED ROOMST: 303-43°EMP2.1.2ELECTRICAL M&P EQUIP POWER PLAN - NORTH - AREA AWEBSITEEMP2.1.3ELECTRICAL M&P EQUIP POWER PLAN - NORTH - AREA AWEBSITEEMP2.1.4ELECTRICAL M&P EQUIP POWER PLAN - SOUTH - AREA AWEBSITE		 D. DISCIPLINE GENERAL NOTES, SYMBOLS AND DEFINITIONS APPLICABLE TO EACH DISCIPLINE'S DRAWINGS MAY BE FOUND AT THE FRONT OF EACH DISCIPLINE'S PORTION OF THE DRAWING SET AND ARE LISTED IN THE SHEET INDEX.
1.1.1 2.1.1 2.1.2 2.1.3 2.1.4 2.2.1 3.1.1	ARCHITECTURAL SITE PLAN - OVERALL LEVEL 1 - FLOOR PLAN - OVERALL LEVEL 1 - FLOOR PLAN - NORTH - AREA A LEVEL 1 - FLOOR PLAN - NORTH - AREA B LEVEL 1 - FLOOR PLAN - SOUTH - AREA A ROOF PLAN - OVERALL LEVEL 1 - REFLECTED CEILING PLAN - OVERALL	EMP2.2.3 ELECTRICAL M&P EQUIP POWER PLAN - SOUTH - ROOP E3.1.2A ELECTRICAL LIGHTING PLAN - NORTH - AREA A E3.1.2B ELECTRICAL COVE LIGHTING PLAN - NORTH - AREA A E3.1.3 ELECTRICAL LIGHTING PLAN - NORTH - AREA B F0.1.4 FLECTRICAL LIGHTING PLAN - NORTH - AREA B	RTH THIRD STREET, SUITE 250 X / AZ / 85004	 E. UNLESS INDICATED OTHERWISE, THE 'ARCHITECTURAL' SERIES DRAWINGS TAKE PRECEDENCE FOR THE FINISHED APPEARANCE AND LOCATION OF ALL EXPOSED ELEMENTS OF THE WORK OF ALL TRADES, INCLUDING THAT WORK WHICH IS ILLUSTRATED PRIMARILY ON DRAWINGS OF OTHER DISCIPLINES. F. THE DRAWINGS MAY MAKE REFERENCE TO OR
3.1.2 3.1.2B 3.1.3 3.1.4 4.1.2 7.1.1	LEVEL 1 - REFLECTED CEILING PLAN - OVERALE LEVEL 1 - REFLECTED CEILING PLAN - NORTH - AREA A LEVEL 1 - REFLECTED CEILING PLAN - NORTH - AREA A UPPER LEVEL 1 - REFLECTED CEILING PLAN - NORTH - AREA B LEVEL 1 - REFLECTED CEILING PLAN - SOUTH - AREA A EXTERIOR ELEVATIONS - ENTRY ENLARGED PLANS & ELEVATIONS	E6.1ELECTRICAL DEDUCTIVE ALTERNATE PLANS & DETAILSE7.0MECHANICAL EQUIPMENT SCHEDULESE7.1LIGHTING FIXTURE & CONTROL SCHEDULEE8.1ELECTRICAL PANELBOARD SCHEDULESE8.2ELECTRICAL PANELBOARD SCHEDULES	TRICAL ENGINEER: ROUP RTH THIRD STREET, SUITE 250 X / AZ / 85004	 ILLUSTRATE ITEMS WHICH ARE NOT PART OF THE WORK OF THE CONTRACT. THESE "NOT IN CONTRACT" ITEMS AS INDICATED ARE REFERENCED OR ILLUSTRATED FOR THE CONTRACTOR'S REFERENCE, INFORMATION AND COORDINATION ONLY. G. EXISTING CONDITIONS, IF SHOWN, ARE FROM AVAILABLE
7.1.1 7.1.2 7.1.3 7.1.4 7.1.5 8.1.1	ENLARGED PLANS & ELEVATIONS ENLARGED PLANS & ELEVATIONS ENLARGED PLANS & ELEVATIONS ENLARGED PLANS & ELEVATIONS ENLARGED PLANS & ELEVATIONS INTERIOR ELEVATIONS	T: 602-265		RECORD DRAWINGS AND/OR VISUAL FIELD SURVEYS. THE CONTRACTOR SHALL VERIFY ACTUAL EXISTING CONDITIONS AT THE SITE PRIOR TO SUBMITTING A BID, AND NOTIFY THE ARCHITECT, IN WRITING AND PRIOR TO SUBMITTING A BID, OF ANY DISCREPANCIES.
8.1.2 8.1.3 8.1.4 9.1.1 9.2.1 9.2.2 9.2.3 9.3.1 9.3.2	INTERIOR ELEVATIONS INTERIOR ELEVATIONS INTERIOR ELEVATIONS INTERIOR FINISH DETAILS PARTITION SYSTEMS PARTITION SYSTEMS DETAILS - FRAMING PARTITION SYSTEMS DETAILS POOR AND FRAME SCHEDULE & ELEVATIONS GLAZING DETAILS	T2.1.3TECHNOLOGY INFRASTRUCTURE - LEVEL 1 - FLOOR PLAN - NORTH - AREA BAUDIO/T2.1.4TECHNOLOGY INFRASTRUCTURE - LEVEL 1 - FLOOR PLAN - SOUTH - AREA ANV5T3.1.2TECHNOLOGY INFRASTRUCTURE - LEVEL 1 - REFLECTED CEILING PLAN - NORTH - AREA ANV5T3.1.3TECHNOLOGY INFRASTRUCTURE - LEVEL 1 - REFLECTED CEILING PLAN - NORTH - AREA BENVERT3.1.4TECHNOLOGY INFRASTRUCTURE - LEVEL 1 - REFLECTED CEILING PLAN - NORTH - AREA AT: 720-213T4.1.2TELECOM - LEVEL 1 - PLAN - NORTH - AREA AWEBSITET4.1.3TELECOM - LEVEL 1 - PLAN - NORTH - AREA ATELECOM - LEVEL 1 - PLAN - NORTH - AREA A	E: nv5.com	H. TAKE PRECAUTIONS TO MAINTAIN AND PROTECT NEW WORK AS WELL AS EXISTING SYSTEMS AND ELEMENTS, IF ANY, WHICH ARE TO REMAIN OR BE SALVAGED. ANY DAMAGE TO SUCH SYSTEMS AND ELEMENTS SHALL BE IMMEDIATELY REPAIRED IN A MANNER ACCEPTABLE TO THE ARCHITECT. IF SATISFACTORY REPAIRS CANNOT BE MADE, REPLACE SYSTEMS AND ELEMENTS WITH "LIKE NEW" QUALITY ACCEPTABLE TO THE ARCHITECT. THE OWNER SHALL NOT INCUR COSTS ASSOCIATED WITH ANY SUCH REPAIRS OR REPLACEMENTS.
9.4.1 9.4.2 9.6.1 9.7.1 9.9.1 9.9.2 F2.1 F2.2 F2.3	CEILING DETAILS CEILING DETAILS - MAIN STREET MODULAR CASEWORK SCHEDULE AND DETAILS ARCHITECTURAL WOODWORK DETAILS MISCELLANEOUS INTERIOR DETAILS INTERIOR SECTIONS & DETAILS - MAIN STREET LEVEL 1 - FINISH FLOOR PLAN - NORTH - AREA A LEVEL 1 - FINISH FLOOR PLAN - NORTH - AREA B LEVEL 1 - FINISH FLOOR PLAN - SOUTH - AREA A	T5.1.2TECHNOLOGY INFRASTRUCTURE ELEVATIONSRIDER LET6.1.1AUDIOVISUAL INFRASTRUCTURE ROOM RISERS1675 LART6.1.2AUDIOVISUAL INFRASTRUCTURE ROOM RISERSDENVERT7.1.1TELECOM ENLARGED PLANS AND ELEVATIONST: 720-904	ULTANT: EVETT BUCKNALL RIMER STREET R / CO / 80202 04-1480 E: rlb.com	I. ALL PARTS OF THE WORK, INCLUDING BUT NOT LIMITED TO MATERIALS, METHODS, OR ASSEMBLIES, MUST COMPLY WITH THE REQUIREMENTS OF THE GOVERNING CODES AND REGULATIONS OF ALL FEDERAL, STATE AND LOCAL AUTHORITIES HAVING JURISDICTION OVER THE PROJECT, AS WELL AS THOSE GREATER REQUIREMENTS INDICATED BY THE CONTRACT DOCUMENTS. NO PART OF THE CONTRACT DOCUMENTS MAY BE CONSTRUED TO REQUIRE OR ALLOW WORK CONTRARY TO A GOVERNING CODE OR REGULATION.
F2.4 IRE PROTECTION P0.1 P2.1 LUMBING	APPLIED FINISH LIST FIRE SUPPRESSION ABBREVIATIONS AND SYMBOLS FIRST LEVEL FIRE SUPPRESSION PLAN	Y1.1.2SECURITY - LEVEL 1 - PLAN - NORTH - AREA AY1.1.3SECURITY - LEVEL 1 - PLAN - NORTH - AREA BY1.1.4SECURITY - LEVEL 1 - PLAN - SOUTH - AREA AY8.1.1SECURITY DETAILS		J. IDENTIFY AND NOTIFY THE ARCHITECT OF CONFLICTS BETWEEN THE WORK OF DIFFERENT PARTIES AT THE EARLIEST POSSIBLE DATE SO AS TO ALLOW REASONABLE AND ADEQUATE TIME FOR THE CONFLICT TO BE RESOLVED WITHOUT DELAYING THE WORK. ALL DEVIATIONS FROM THE CONTRACT DOCUMENTS MUST BE APPROVED IN ADVANCE BY THE ARCHITECT AND OWNER.
0.1 D2.1.A D2.1.B 2.1.A 2.1.B 2.1.C 4.1 7.1	PLUMBING ABBREVIATIONS /SYMBOLS/GENERAL NOTESFIRST LEVEL PLUMBING DEMOLITION PLAN - NORTH - AREA AFIRST LEVEL PLUMBING DEMOLITION PLAN - NORTH - AREA BFIRST LEVEL PLUMBING PLAN - NORTH - AREA AFIRST LEVEL PLUMBING PLAN - NORTH - AREA BFIRST LEVEL PLUMBING PLAN - NORTH - AREA AFIRST LEVEL PLUMBING PLAN - NORTH - AREA APLUMBING PLAN - SOUTH - AREA APLUMBING ENLARGED PLANSPLUMBING SCHEDULES			K. REVIEW AND COORDINATE THE WORK OF ALL SUB- CONTRACTORS, DELEGATED DESIGN ENTITIES, TRADES AND SUPPLIERS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BEFORE COMMENCING CONSTRUCTION, AND ASSURE THAT ALL PARTIES ARE AWARE OF ALL REQUIREMENTS, REGARDLESS OF WHERE THE REQUIREMENTS OCCUR IN THE CONTRACT DOCUMENTS, WHICH MIGHT AFFECT THE WORK OF THAT PARTY.
IECHANICAL 10.1 10.2 10.3 1D2.1.A	MECHANICAL ABBREVIATIONS AND SYMBOLS MECHANICAL COMPLIANCE MECHANICAL COMPLIANCE LEVEL 1 - MECHANICAL DUCTWORK AND PIPING DEMOLITION PLAN AREA A		1	L. SOLE PRODUCT OR MANUFACTURER/SOURCE: WHERE A SINGLE PRODUCT OR MANUFACTURER/SOURCE IS NAMED, COMPARABLE PRODUCTS COMPLIANT WITH REQUIREMENTS WILL BE CONSIDERED, UNLESS ACCOMPANIED BY THE PHRASE "NO KNOWN EQUAL".
1D2.1.B 1D2.2.A 12.1.A 12.1.B 12.1.C	LEVEL 1 - MECHANICAL DUCTWORK AND PIPING DEMOLITION PLAN AREA B ROOF LEVEL - MECHANICAL DUCTWORK AND PIPING DEMOLITION PLAN AREA A LEVEL 1 - MECHANICAL DUCTWORK PLAN AREA A LEVEL 1 - MECHANICAL DUCTWORK PLAN AREA B LEVEL 1 - MECHANICAL DUCTWORK PLAN AREA C		DEDUCTIVE	ALTERNATES
12.2.A 12.2.B 12.2.C 13.1.A 13.1.B	ROOF LEVEL - MECHANICAL DUCTWORK PLAN AREA A ROOF LEVEL - MECHANICAL DUCTWORK PLAN AREA B ROOF LEVEL - MECHANICAL DUCTWORK PLAN AREA C LEVEL 1 - MECHANICAL PIPING PLAN AREA A LEVEL 1 - MECHANICAL PIPING PLAN AREA B	BENCH MILI	'E ALTERNATE NO. 1 LLWORK (NORTH BUILDING): REMOVE TWO (2) BUILT-IN M AL POWER TO WALLS. (REFER TO SHEET 70/A8.1.1)	ILLWORK BENCHES AND ASSOCIATED ELECTRICAL POWER. RELOCATE
13.1.C 13.2.A 13.2.B 13.2.C 16.1 17.1	LEVEL 1 - MECHANICAL PIPING PLAN AREA C ROOF LEVEL - MECHANICAL PIPING PLAN AREA A ROOF LEVEL - MECHANICAL PIPING PLAN AREA B ROOF LEVEL - MECHANICAL PIPING PLAN AREA C MECHANICAL DETAILS MECHANICAL DETAILS & SCHEDULES	EXISTING W DEDUCTIVE INDIRECT L	'E ALTERNATE NO. 3	OVE RESTROOMS FROM SCOPE. (REFER TO SHEET A7.1.5)
18.0 18.1	MECHANICAL ODTROLS ABBREVIATIONS AND SYMBOLS MECHANICAL CONTROLS MECHANICAL CONTROLS	SKYLIGHTS	S (NORTH BUILDING): REMOVE FOUR (4) SKYLIGHTS. (RE	FER TO SHEET A3.12B)

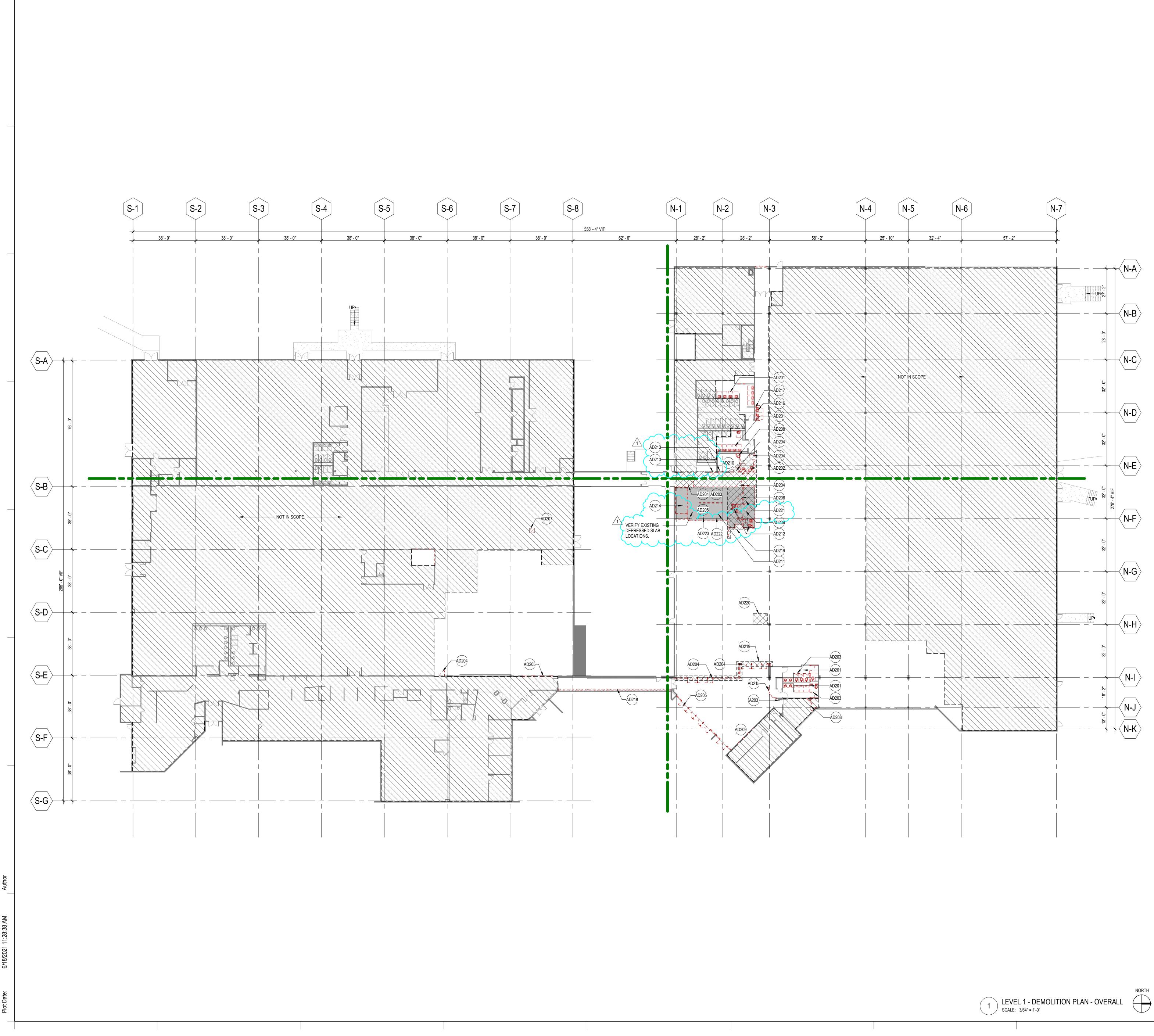


PROJECT DESCRIPTION

RENOVATION OF APPROXIMATELY 26,877 GROSS SQUARE FEET OF AN EXISTING 132,568 GROSS SQUARE FOOT COMMERCIAL BUILDING. APPROXIMATELY 18,735 NET SQUARE FEET OF THE NORTH BUILDING WILL CONTAIN THE UCCS PROGRAM. CLASSROOM SPACE WILL INCLUDE ONE NEW 40 SEAT CLASSROOM. LABORATORY SPACE WILL INCLUDE ONE COMPUTER LAB, CYBER RANGE LAB, AS WELL AS A SET OF TWO LARGE GRADUATE LABS AND FOUR MEDIUM GRADUATE LABS. TWO OFFICE SUITES, ONE FOR PROGRAM LEADERSHIP AND ONE FOR FACULTY, WILL ACCOMMODATE 13 OFFICES. THE FACULTY SUITE WILL ALSO INCLUDE DEDICATED SPACE FOR A PROGRAM ASSISTANT, COPY ROOM WITH SPACE FOR OFFICE SUPPLIES AND MAIL, AND A SMALL CONFERENCE ROOM. ADDITIONAL SPACES INCLUDE ONE ONLINE STUDIO, AN ADDITIONAL LARGE EXECUTIVE CONFERENCE ROOM, AND A DEDICATED VENDING AREA. SEVERAL OPEN, COLLABORATIVE SPACES WILL ALSO OCCUPY OPEN SPACES IN THE PLAN, INCLUDING THE STUDENT LIVING ROOM AND CAFE NEAR THE BUILDING'S APPROXIMATELY 5,511 NET SQUARE FEET OF EXISTING STORAGE SPACE IN THE SOUTH BUILDING WILL BE RENOVATED TO CREATE AN OFFICE SUITE THAT WILL FACILITATE THE WORK OF THE NATIONAL CYBERSECURITY CENTER'S SPACE ISAC (INFORMATION SHARING AND ANALYSIS CENTER). THIS WORK WILL INVOLVE THE CONSTRUCTION OF CYBERSECURITY VULNERABILITY LABORATORY (CVL), WATCH CENTER, OFFICE SUITE, SMALL CONFERENCE ROOM AND DATA/SERVER ROOM.

ENTRANCE.







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AREAS NOT IN SCOPE

GENERAL SHEET NOTES

- A. REFER TO THE A0.X SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWING, REFERENCE AND MATERIAL SYMBOLS, ABBREVIATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS DRAWING.
- B. EXISTING CONDITIONS SHOWN ARE FROM AVAILABLE RECORD DRAWINGS AND VISUAL FIELD SURVEYS. THE CONTRACTOR SHALL VERIFY ACTUAL EXISTING CONDITIONS AT THE SITE PRIOR TO SUBMITTING A BID. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
- C. DEMOLITION WORK SHALL BE DONE IN A MANNER WHICH WILL NOT CAUSE UNNECESSARY INCONVENIENCE OR DANGER TO USERS OF THE PREMISES AND ADJACENT SITE AND NOT INTERFERE WITH ITS OPERATION. ANY DEMOLITION WORK TO BE PERFORMED MUST BE PLANNED IN ADVANCE AND APPROVED BY THE OWNER.
- ANY EQUIPMENT, MATERIALS, AND SUPPLIES TEMPORARILY REMOVED FOR THE PURPOSE OF PROTECTION SHALL BE REPLACED IN ORIGINAL LOCATIONS AND CONDITIONS. ANY MATERIALS DAMAGED SHALL BE REPLACED WITH NEW MATERIALS OF LIKE KIND AND QUALITY.
- REFER TO AND COORDINATE WITH STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION NOT SHOWN ON THIS DRAWING.
- F. ALL MATERIALS INDICATED TO BE REMOVED SHALL BE DISPOSED OF PROPERLY AND REMOVED FROM THE SITE. G. ALL REMOVED MATERIALS AND EQUIPMENT WHICH IS CLASSIFIED AS "SALVAGE FOR OWNER" SHALL REMAIN THE PROPERTY OF THE OWNER. DELIVER SUCH MATERIALS AND

EQUIPMENT ON THE PREMISES AS DIRECTED BY THE

OWNER AND NEATLY STORE AND PROTECT FROM DAMAGE. H. ALL REMOVED MATERIALS AND EQUIPMENT WHICH IS CLASSIFIED "SALVAGE FOR RELOCATION" SHALL REMAIN THE PROPERTY OF THE OWNER. THE CONTRACTOR IS RESPONSIBLE FOR PLACING ITEMS IN STORAGE ON SITE AND FOR THE PROTECTION OF THOSE ITEMS. THESE ITEMS WILL BE RELOCATED. REFER TO THE FLOOR PLANS FOR

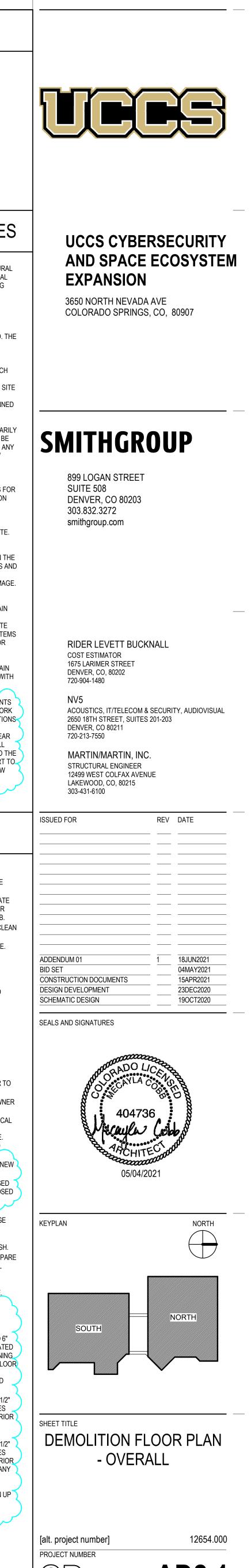
PATCH AND REPAIR ALL ELEMENTS THAT ARE TO REMAIN WHICH ARE DAMAGED FROM THE DEMOLITION WORK WITH

NEW LOCATIONS.

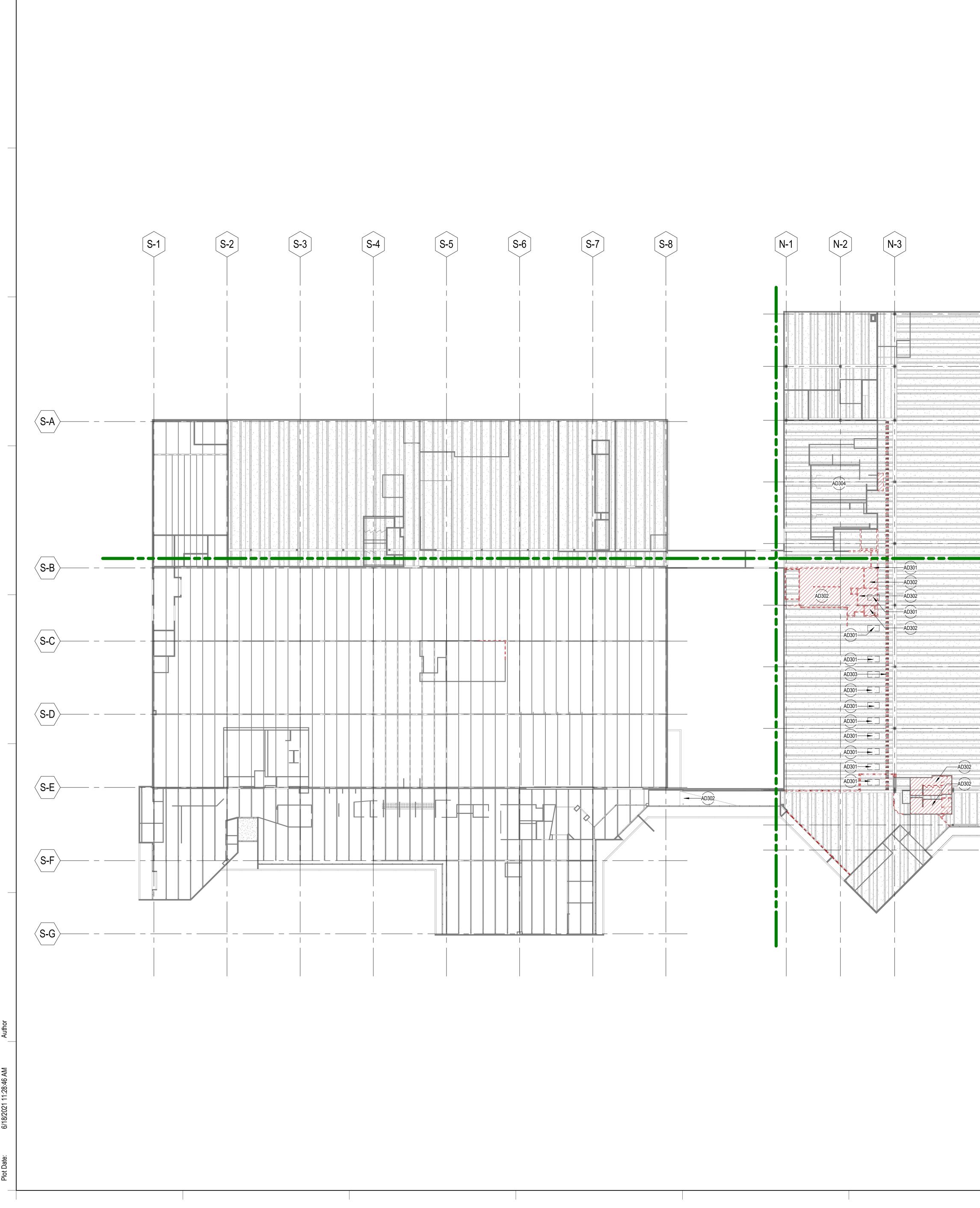
- CONSTRUCTION TO MATCH EXISTING CONDITIONS. WHERE FLOORBOXES OR OTHER BUILDING COMPONENTS REQUIRE UNDER SLAB ACCESS FOR INSTALLATION, WORK WITH OWNER AND ARCHITECT TO IDENTIFY ALL LOCATIONS AND NEATLY LAYOUT THE TRENCH NEEDS PRIOR TO SAWCUTTING. INSURE THAT SAWCUTS ARE RECTILINEAR
- AND RUN PERPENDICULAR TO THE NEW/EXISTING WALL THAT WILL PROVIDE ACCESS OF UTILITY ELEMENTS TO THE TRENCH. AS MUCH AS POSSIBLE, MAKE EVERY EFFORT TO LIMIT TRENCHING TO AREAS THAT WILL RECEIVE A NEW

FLOOR FINISH OVER THE NEW CONCRETE FILLER.

\bigcirc	SHEET KEYNOTES
A203	EXISTING FIRE PANEL TO REMAIN.
AD201	REMOVE EXISTING PLUMBING FIXTURES, SALVAGE DRAINS AND WATERLINES FOR REUSE.
AD202	REMOVE EXISTING PLUMBING FIXTURES, TERMINATE WATERLINES AND DRAINS TO SOURCE. CAP FLOOR
AD203	DRAIN LINES BELOW SLAB LEVEL AND PATCH SLAB. REMOVE EXISTING FLOOR AND WALL MATERIAL, CLEAN AND PREPARE FOR NEW FINISHES.
AD204	REMOVE EXISTING DOOR, FRAME, AND HARDWARE. SALVAGE PER OWNER DIRECTION.
AD205	DEMOLISH EXISTING STOREFRONT SYSTEM AND DOORS. PREPARE FOR NEW ENCLOSURE.
AD206	DEMOLISH EXISTING RADIATOR ALONG GLAZING. REFER TO MECH. PATCH AND REFINISH DAMAGED WALL.
AD207	DEMOLISH EXISTING CONCRETE PAD. GRIND TO EXISTING SLAB LEVEL. FINISH AND PATCH SLAB.
AD208	REMOVE EXISTING WALLS, DOORS AND FRAMES.
AD209	REMOVE EXISTING TICKET BOOTH WINDOWS. PREPARE EXISTING WALL FOR NEW FINISH. REF. ELECTRICAL DRAWINGS FOR RECEPTACLE LOCATIONS.
AD210	DEMOLISH PORTION OF EXISTING SLAB FOR UNDERGROUND SANITARY CONNECTIONS, REFER TO PLUMBING.
AD211	REMOVE EXISTING EQUIPMENT. SALVAGE PER OWNER DIRECTION
AD212	REMOVE EXISTING PLUMBING FIXTURES, ELECTRICAL INFRASTRUCTURE AND GAS LINES. TERMINATE WATERLINES, DRAINS AND GAS LINES TO SOURCE. CAP FLOOR DRAIN LINES BELOW SLAB LEVEL AND
1	PATCH SLAB.
AD213	REMOVE PORTION OF EXISTING WALL, PREP FOR NEW
AD214	TRENCHES AND AREA WHERE EXISTING DEPRESSED CONCRETE IS REMOVED AND REPLACED BY EXPOSED SLAB TO MATCH EXISTING REMAINING IN AREA.
AD215	REMOVE PORTION OF EXISTING WALL.
AD216	REMOVE EXISTING DRINKING FOUNTAINS; SALVAGE WATERLINES FOR REUSE.
AD217	DEMOLISH TOP PORTION OF DRINKING FOUNTAIN ALCOVE. PREPARE EXISTING WALL FOR NEW FINISH.
AD218	DEMOLISH EXISTING SOLID SURFACE LEDGE. PREPARE EXISTING KNEE WALL AND EXISTING STRUCTURAL COLUMNS FOR NEW FINISH.
AD219	LOCATION OF FUTURE EXPOSED FLOOR SLAB. PROTECT EXISTING CONCRETE WHERE POSSIBLE.
	FUTURE EXPOSED FLOOR SLAB IN THIS AREA.
AD220	PROVIDE CLEAN SAW CUT AT LOCATION OF NEW UNDER-SLAB DRAIN TIE-IN.
AD221	EXISTING DEEP RECESSED FLOOR AREA (+/- 4" TO 6"
2	DEEP) WHERE PREVIOUS FIXED EQUIPMENT LOCATED (WALK-IN REFRIGERATOR). CLEAN UP ALL REMAINING
2	SURFACES AND PREPARE FOR NEW CONCRETE FLOOR POURED INTO RECESS TO MATCH EXISTING TO REMAIN SURROUNDING CONCRETE IN HEIGHT AND
AD222	APPROXIMATE COLOR RANGE. EXISTING SHALLOW RECESSED FLOOR AREA (+/- 1/2"
	TO 1-1/2" DEEP) WHERE PREVIOUS FLOOR FINISHES 📿
}	WERE INFILLED (I.E. TILE/GROUT). REMOVE ALL PRIOR FLOOR FINISH MATERIAL, CLEAN UP REMAINING SURFACES AND PREPARE FOR NEW FINISHES.
AD223	EXISTING SHALLOW RECESSED FLOOR AREA (+/- 1/2" TO 1-1/2" DEEP) WHERE PREVIOUS FLOOR FINISHES
7	WERE INFILLED (I.E. TILE/GROUT). REMOVE ALL PRIOR FLOOR FINISH MATERIAL, SAWCUT AND REMOVE ANY
2	REASONABLE PORTION OF DEPRESSED SLAB IN LOCATIONS WHERE NEW WORK WILL BE FULLY
5	EXPOSED (NO FINISHES APPLIED ON TOP). CLEAN UP REMAINING SURFACES AND PREPARE FOR NEW SCOPE OF WORK.
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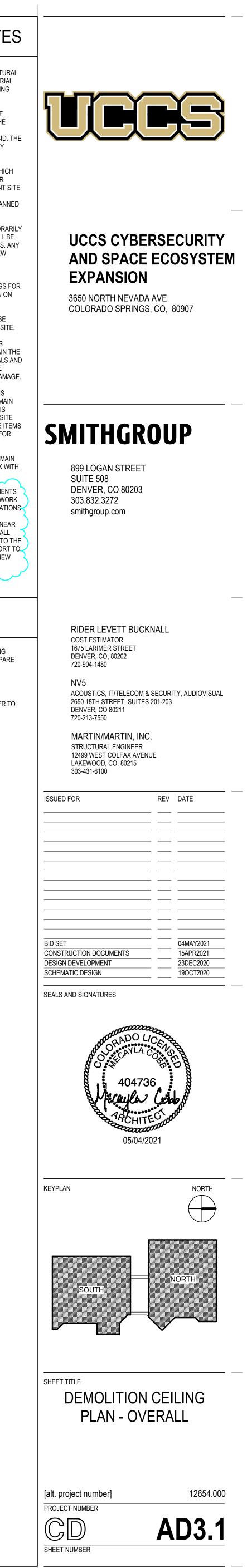
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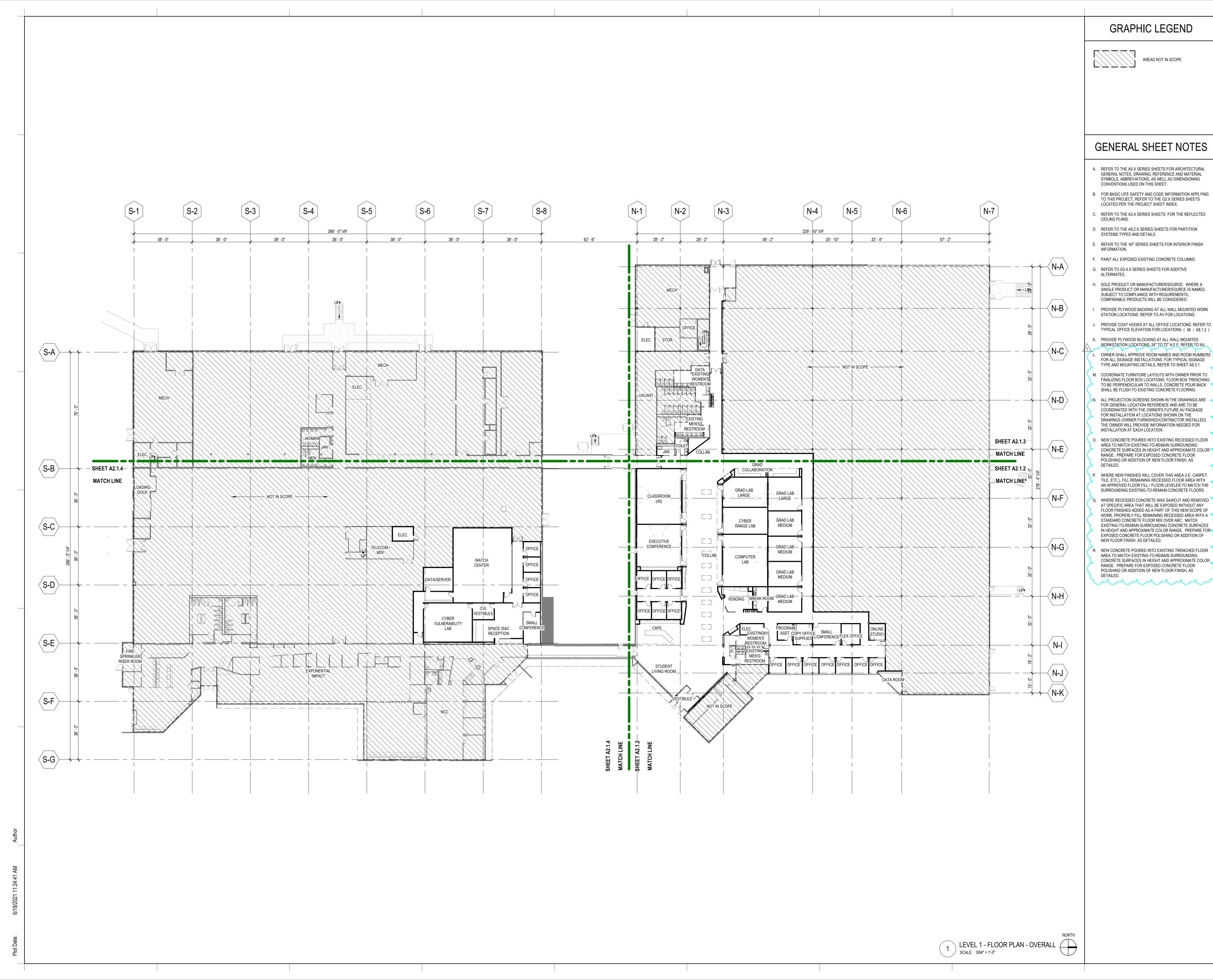
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- H. ALL REMOVED MATERIALS AND EQUIPMENT WHICH IS CLASSIFIED "SALVAGE FOR RELOCATION" SHALL REMAIN THE PROPERTY OF THE OWNER. THE CONTRACTOR IS RESPONSIBLE FOR PLACING ITEMS IN STORAGE ON SITE AND FOR THE PROTECTION OF THOSE ITEMS. THESE ITEMS WILL BE RELOCATED. REFER TO THE FLOOR PLANS FOR NEW LOCATIONS.
- PATCH AND REPAIR ALL ELEMENTS THAT ARE TO REMAIN WHICH ARE DAMAGED FROM THE DEMOLITION WORK WITH CONSTRUCTION TO MATCH EXISTING CONDITIONS.
- WHERE FLOORBOXES OR OTHER BUILDING COMPONENTS REQUIRE UNDER SLAB ACCESS FOR INSTALLATION, WORK WITH OWNER AND ARCHITECT TO IDENTIFY ALL LOCATIONS AND NEATLY LAYOUT THE TRENCH NEEDS PRIOR TO SAWCUTTING. INSURE THAT SAWCUTS ARE RECTILINEAR
- AND RUN PERPENDICULAR TO THE NEW/EXISTING WALL THAT WILL PROVIDE ACCESS OF UTILITY ELEMENTS TO THE TRENCH. AS MUCH AS POSSIBLE, MAKE EVERY EFFORT TO LIMIT TRENCHING TO AREAS THAT WILL RECEIVE A NEW FLOOR FINISH OVER THE NEW CONCRETE FILLER.

○ SHEET KEYNOTES

AD301	DEMOLISH AND CREATE OPENING IN EXISTING STRUCTURAL CONCRETE TEES ABOVE. PREPARE OPENING FOR NEW SKYLIGHTS. REFER TO STRUCTURAL.
AD302	DEMOLISH EXISTING CEILING, LIGHTING AND MECHANICAL FIXTURES.
AD303	REMOVE & RELOCATE EXISTING PIPES, REFER TO MECH & PLUMBING.
AD304	REMOVE PORTION OF CEILING TO INSTALL MECHANICAL DUCTWORK, REFER TO MECH.









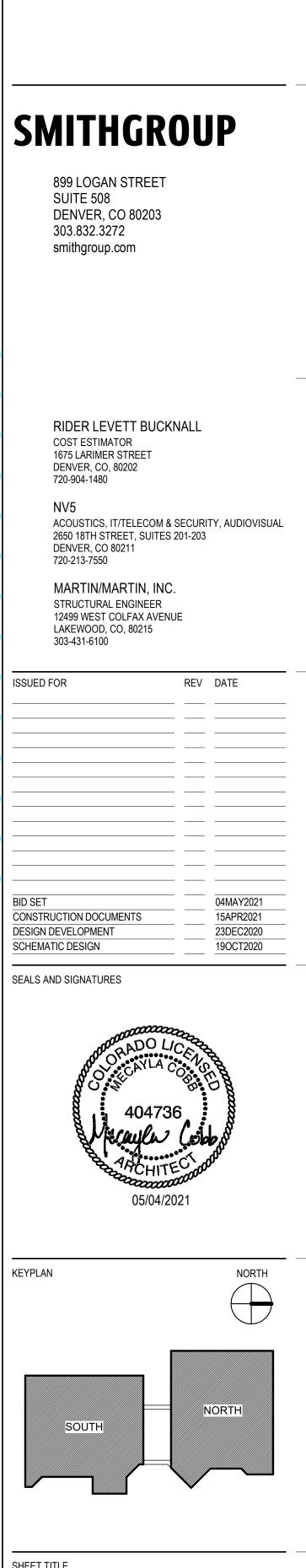
UCCS CYBERSECURITY

EXPANSION

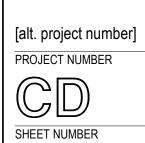
3650 NORTH NEVADA AVE

COLORADO SPRINGS, CO, 80907

AND SPACE ECOSYSTEM

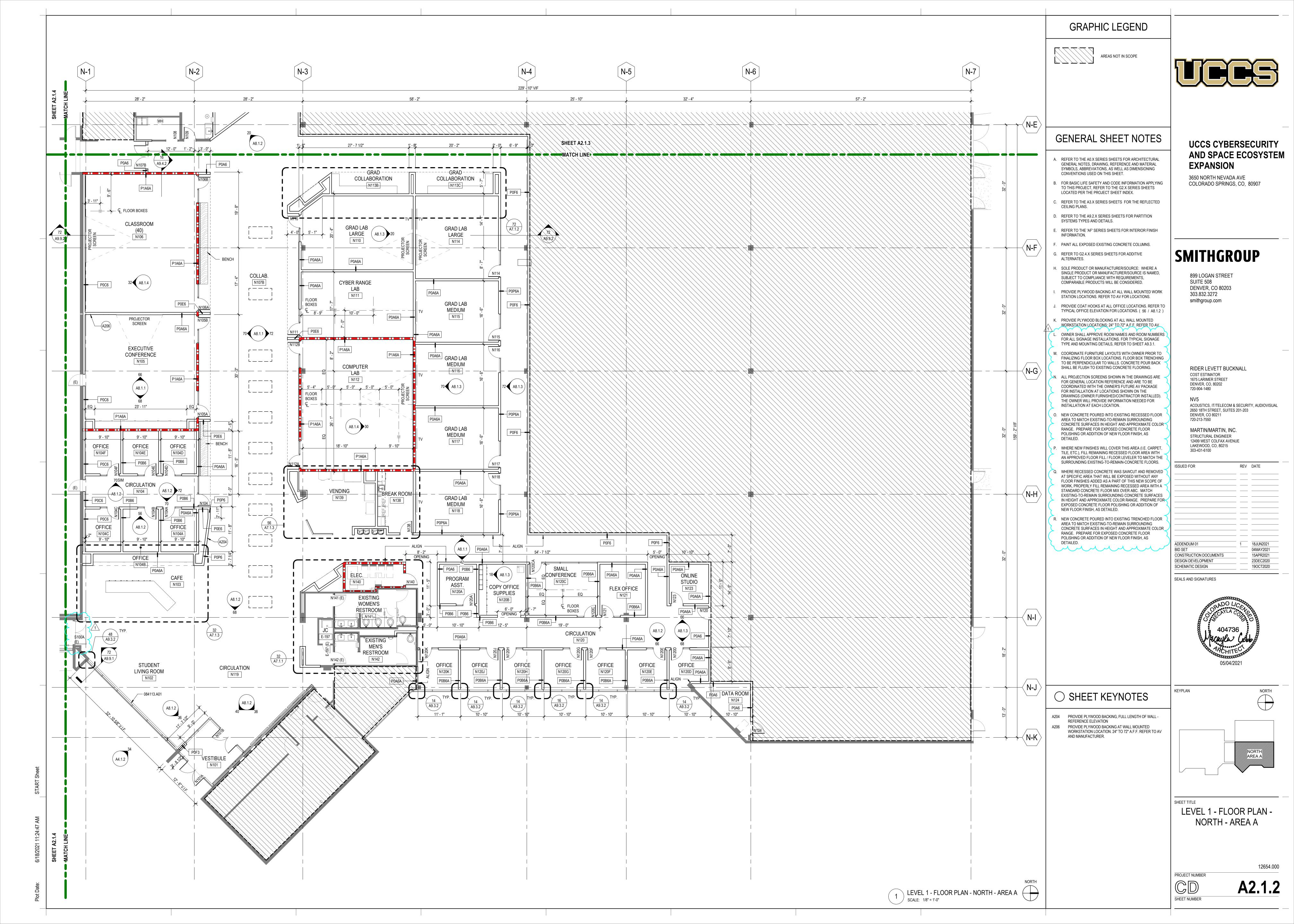






12654.000

A2.1.1









3650 NORTH NEVADA AVE COLORADO SPRINGS, CO, 80907

SMITHGROUP

899 LOGAN STREET SUITE 508 DENVER, CO 80203 303.832.3272 smithgroup.com

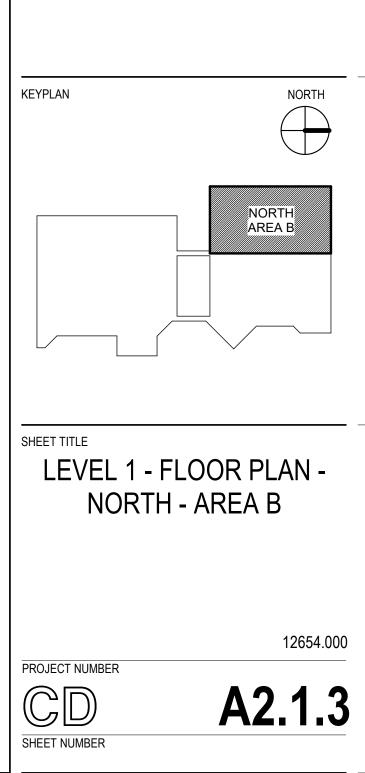
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NV5 ACOUSTICS, IT/TELECOM & SECURITY, AUDIOVISUAL 2650 18TH STREET, SUITES 201-203 DENVER, CO 80211 720-213-7550

MARTIN/MARTIN, INC. STRUCTURAL ENGINEER 12499 WEST COLFAX AVENUE LAKEWOOD, CO, 80215 303-431-6100

SSUED FOR	REV	DATE
DDENDUM 01	1	18JUN2021
BID SET		04MAY2021
CONSTRUCTION DOCUMENTS		15APR2021
ESIGN DEVELOPMENT		23DEC2020
CHEMATIC DESIGN		19OCT2020

SEALS AND SIGNATURES









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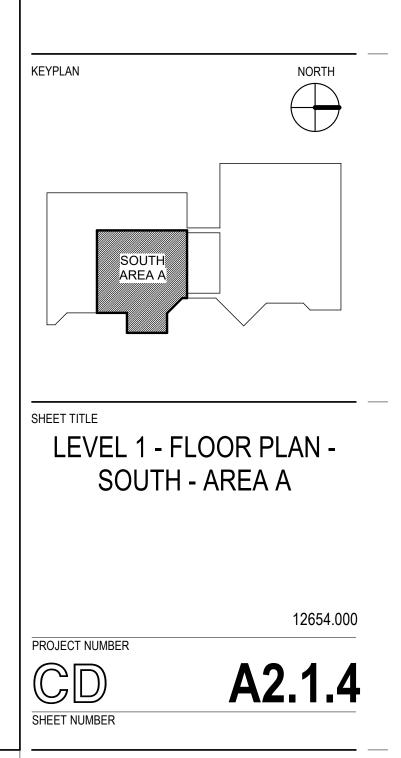
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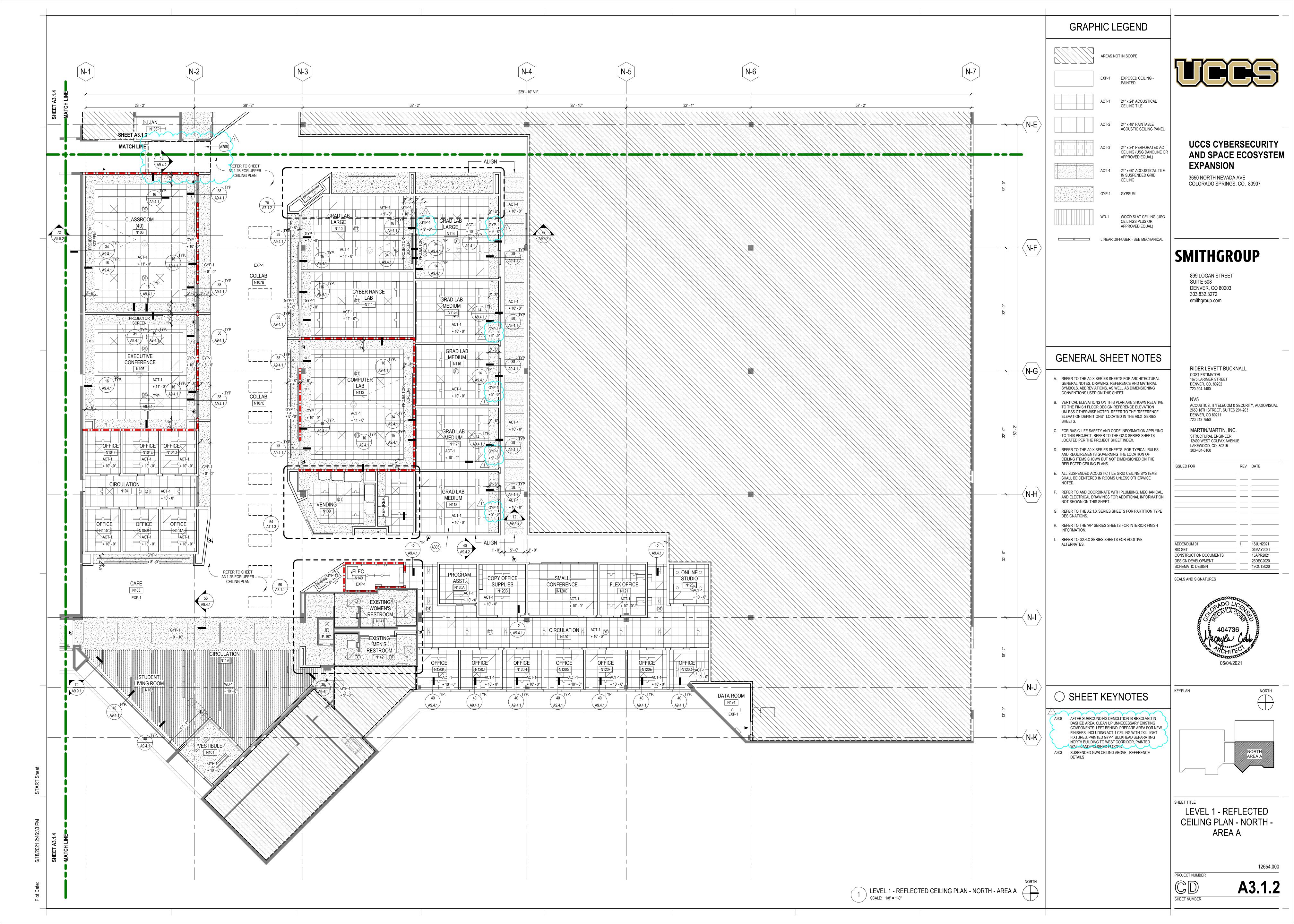
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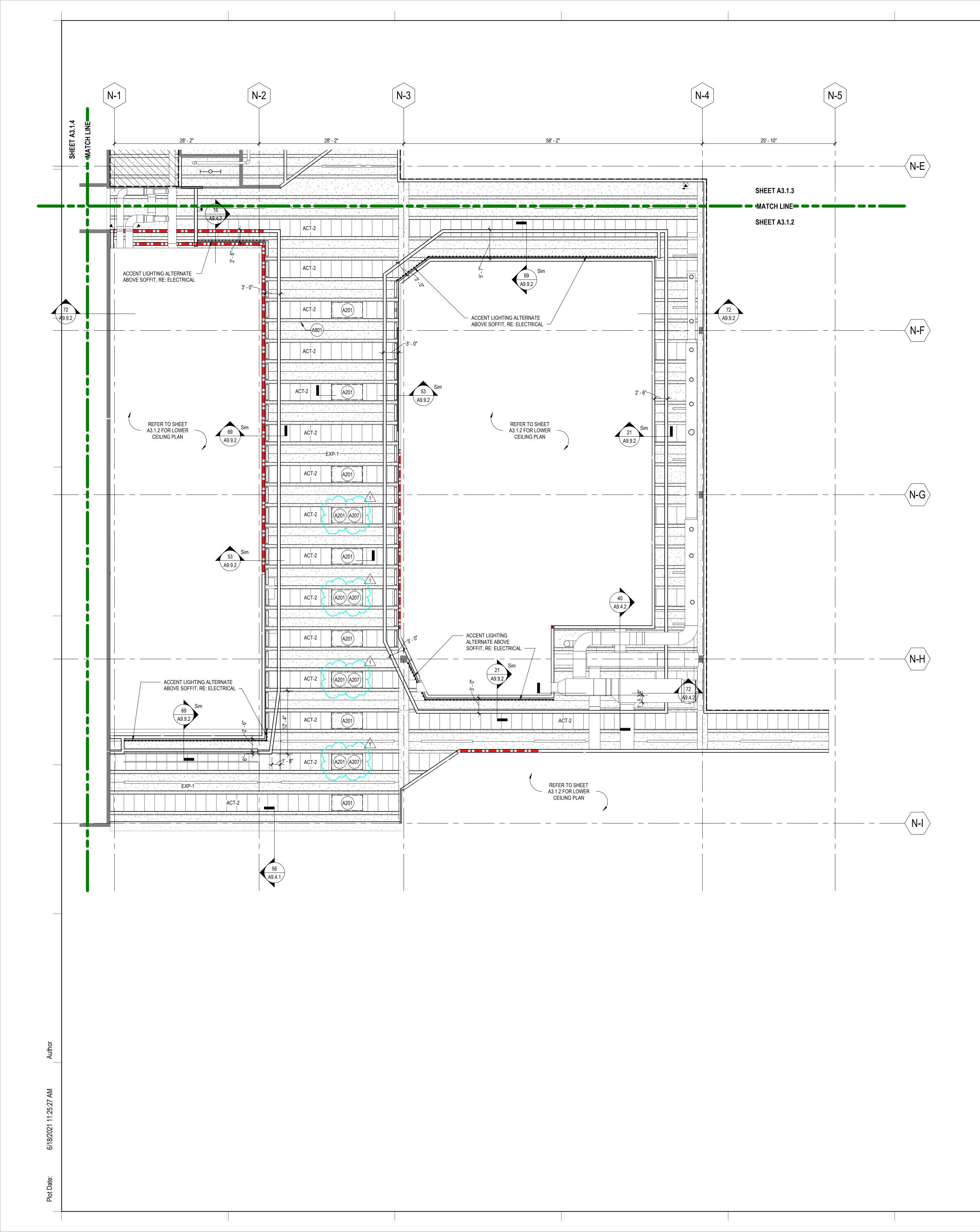
MARTIN/MARTIN, INC. STRUCTURAL ENGINEER 12499 WEST COLFAX AVENUE LAKEWOOD, CO, 80215 303-431-6100

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SEALS AND SIGNATURES







	AREAS NO	DT IN SCOPE
	EXP-1	EXPOSED CEILING - PAINTED
	ACT-1	24" x 24" ACOUSTICAL CEILING TILE
	ACT-2	24" x 48" PAINTABLE ACOUSTIC CEILING PAI
	ACT-3	24" x 24" PERFORATED CEILING (USG DANOLIN APPROVED EQUAL)
	ACT-4	24" x 60" ACOUSTICAL 1 IN SUSPENDED GRID CEILING
	GYP-1	GYPSUM
	WD-1	WOOD SLAT CEILING (L CEILINGS PLUS OR APPROVED EQUAL)
(<u> </u>	LINEAR DI	IFFUSER - SEE MECHANIC

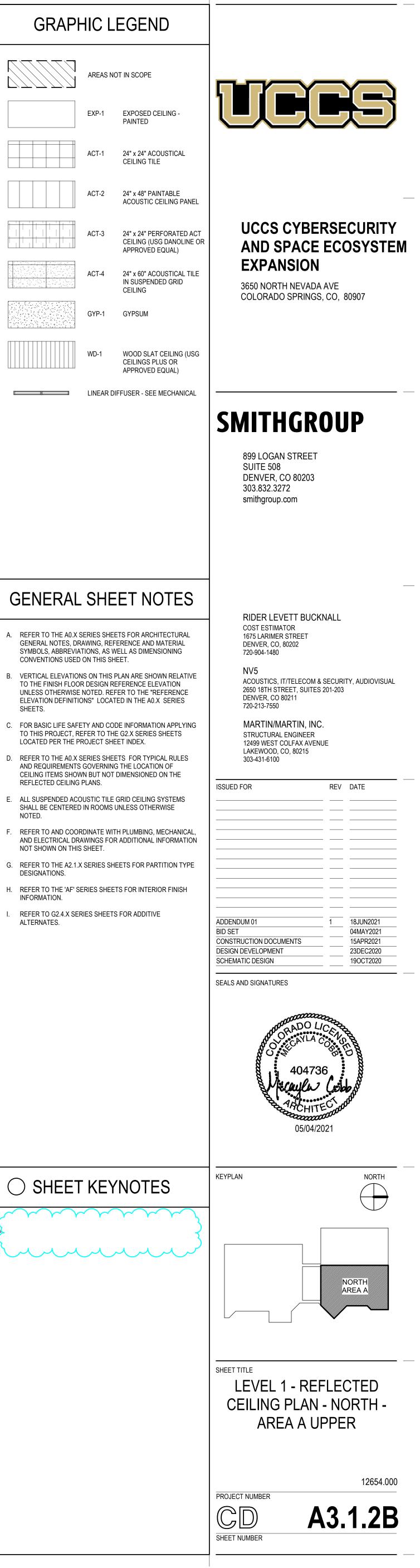
GENERAL SHEET NOTES

- A. REFER TO THE A0.X SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWING, REFERENCE AND MATERIAL SYMBOLS, ABBREVIATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS SHEET.
- B. VERTICAL ELEVATIONS ON THIS PLAN ARE SHOWN RELATIVE TO THE FINISH FLOOR DESIGN REFERENCE ELEVATION UNLESS OTHERWISE NOTED. REFER TO THE "REFERENCE ELEVATION DEFINITIONS" LOCATED IN THE A0.X SERIES SHEETS.
- C. FOR BASIC LIFE SAFETY AND CODE INFORMATION APPLYING TO THIS PROJECT, REFER TO THE G2.X SERIES SHEETS LOCATED PER THE PROJECT SHEET INDEX.
- D. REFER TO THE A0.X SERIES SHEETS FOR TYPICAL RULES AND REQUIREMENTS GOVERNING THE LOCATION OF CEILING ITEMS SHOWN BUT NOT DIMENSIONED ON THE REFLECTED CEILING PLANS.
- E. ALL SUSPENDED ACOUSTIC TILE GRID CEILING SYSTEMS SHALL BE CENTERED IN ROOMS UNLESS OTHERWISE NOTED.
- F. REFER TO AND COORDINATE WITH PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION NOT SHOWN ON THIS SHEET.
- G. REFER TO THE A2.1.X SERIES SHEETS FOR PARTITION TYPE DESIGNATIONS.
- H. REFER TO THE 'AF' SERIES SHEETS FOR INTERIOR FINISH INFORMATION.
- REFER TO G2.4.X SERIES SHEETS FOR ADDITIVE ALTERNATES.

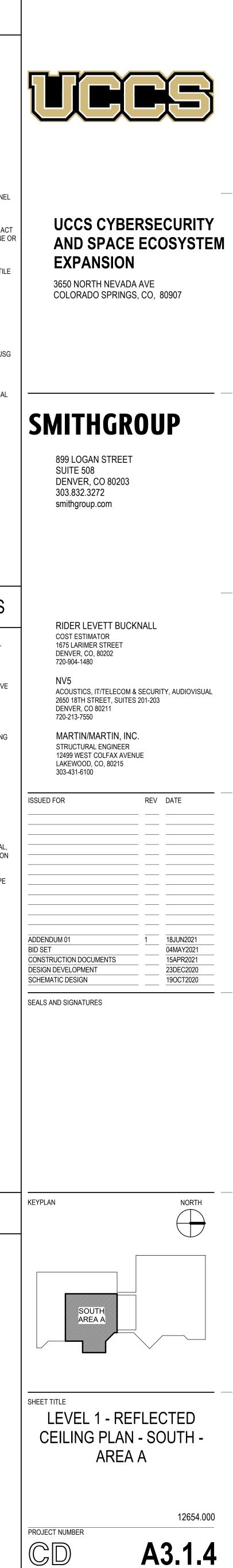




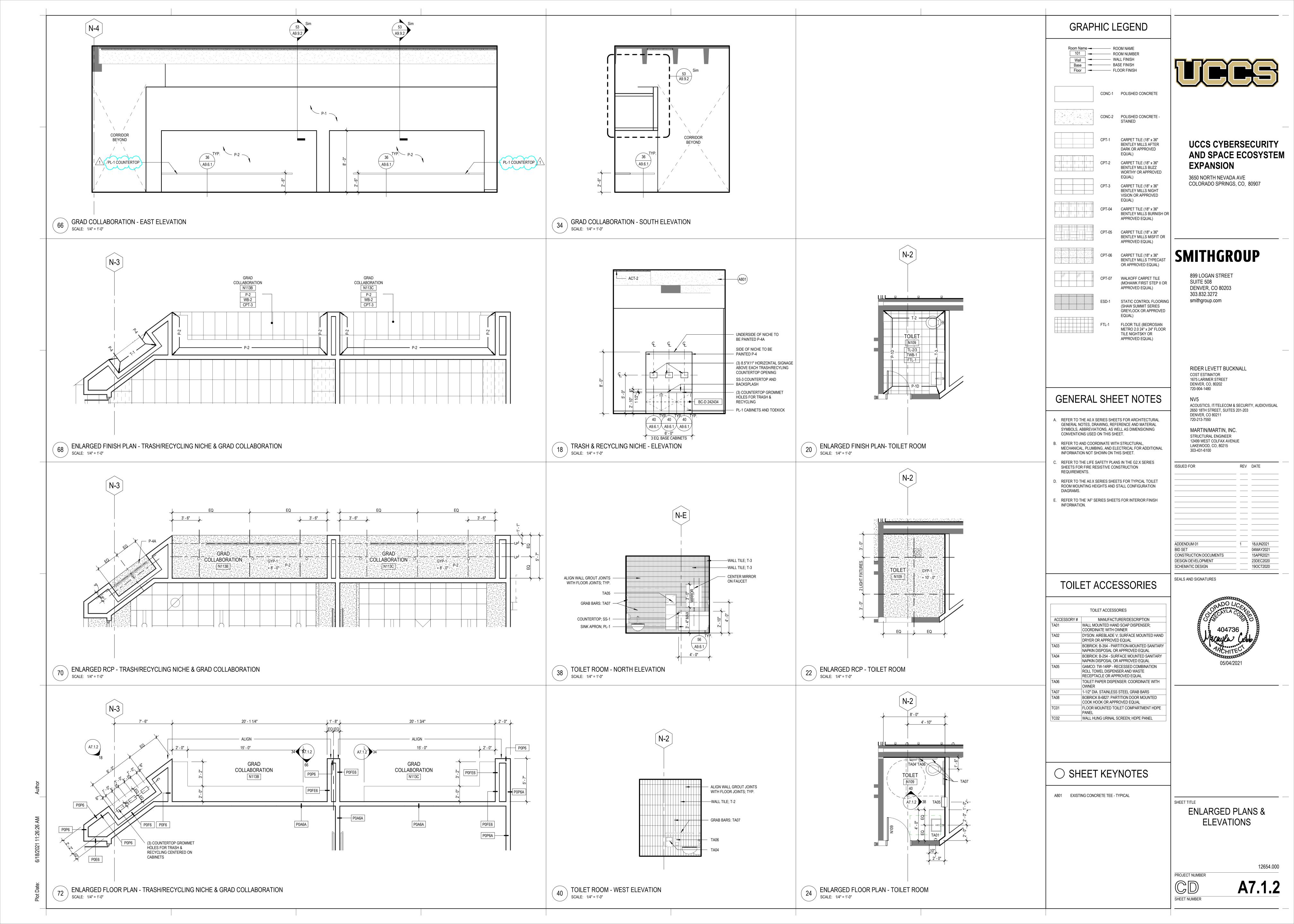


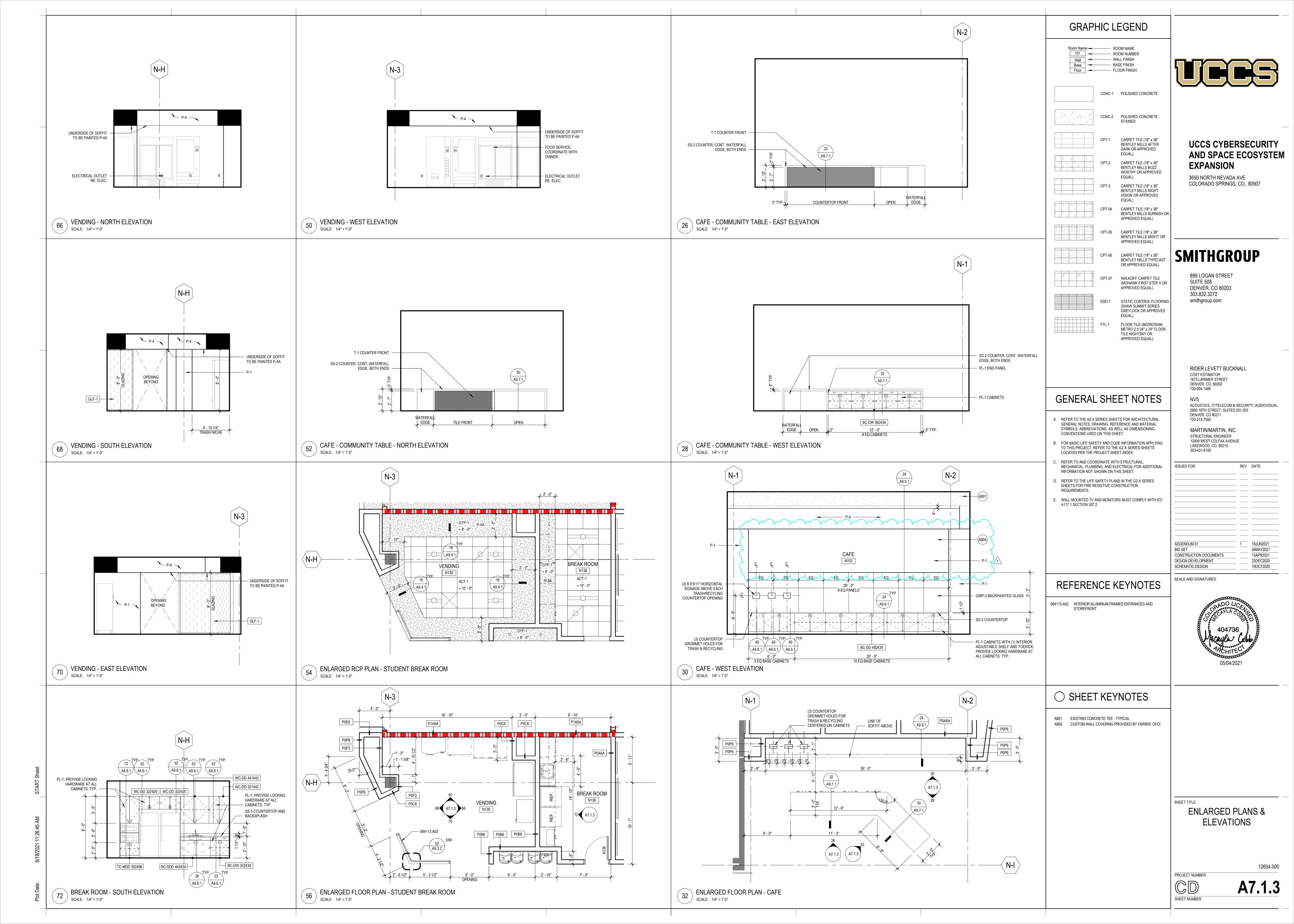




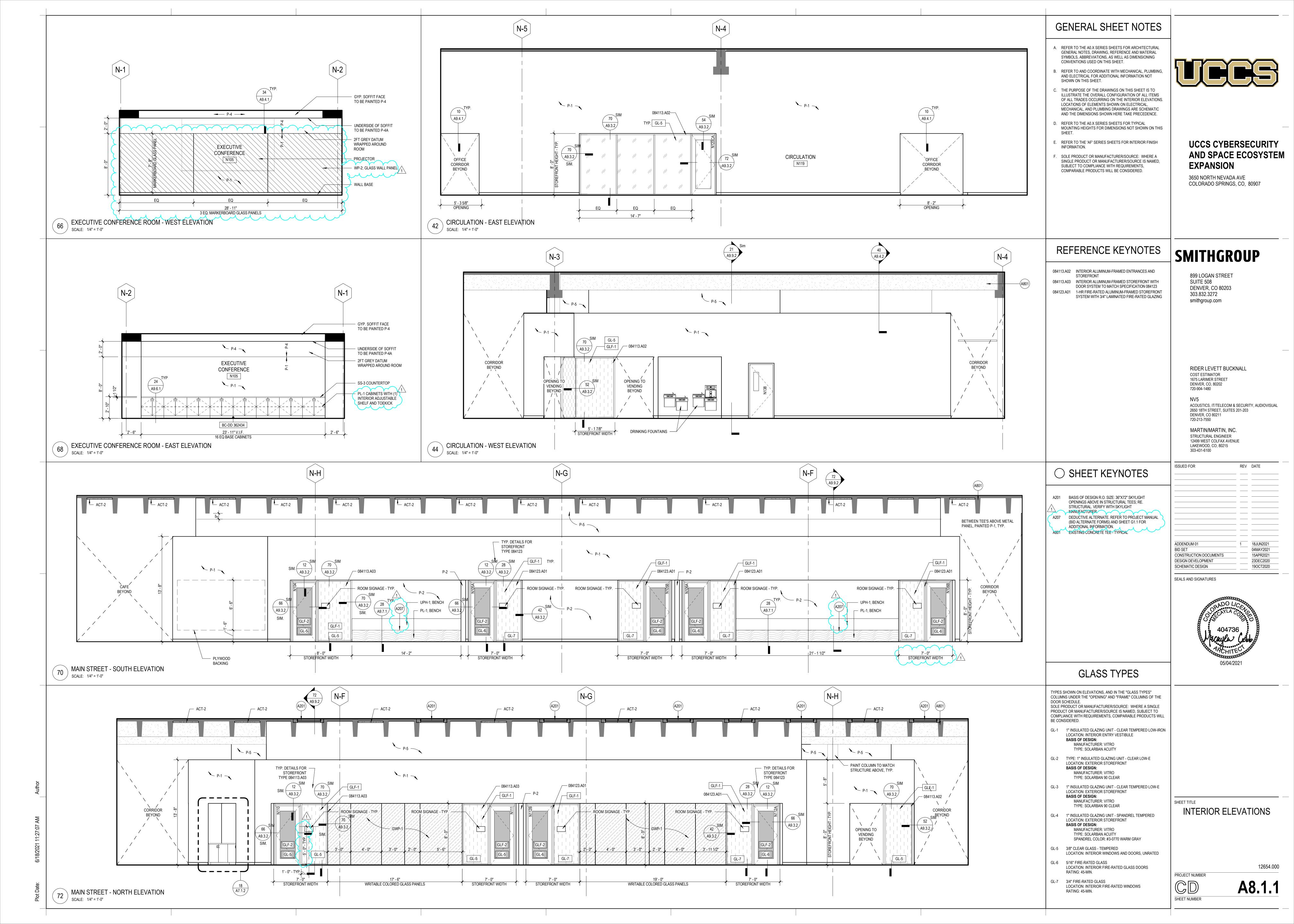


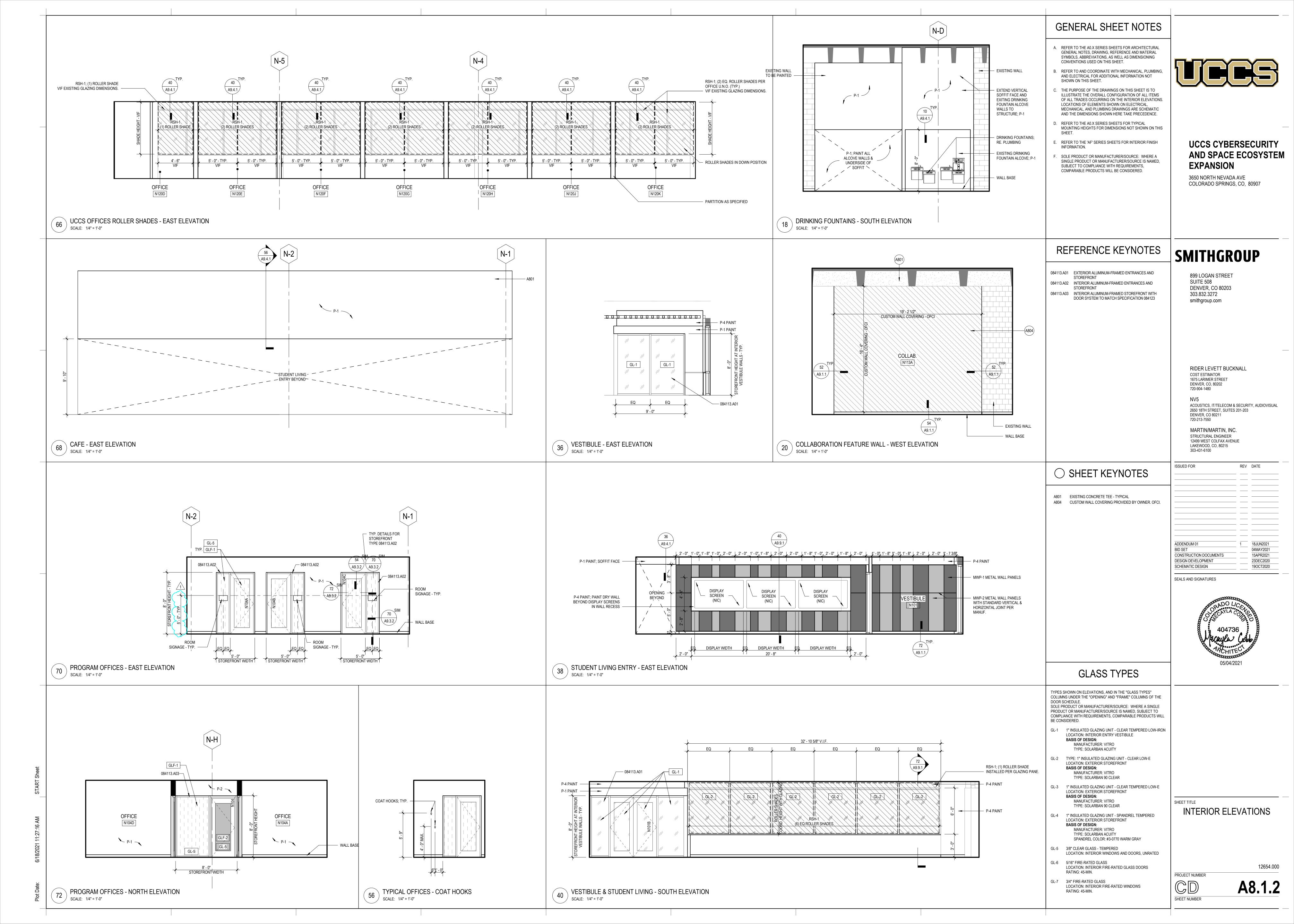
SHEET NUMBER

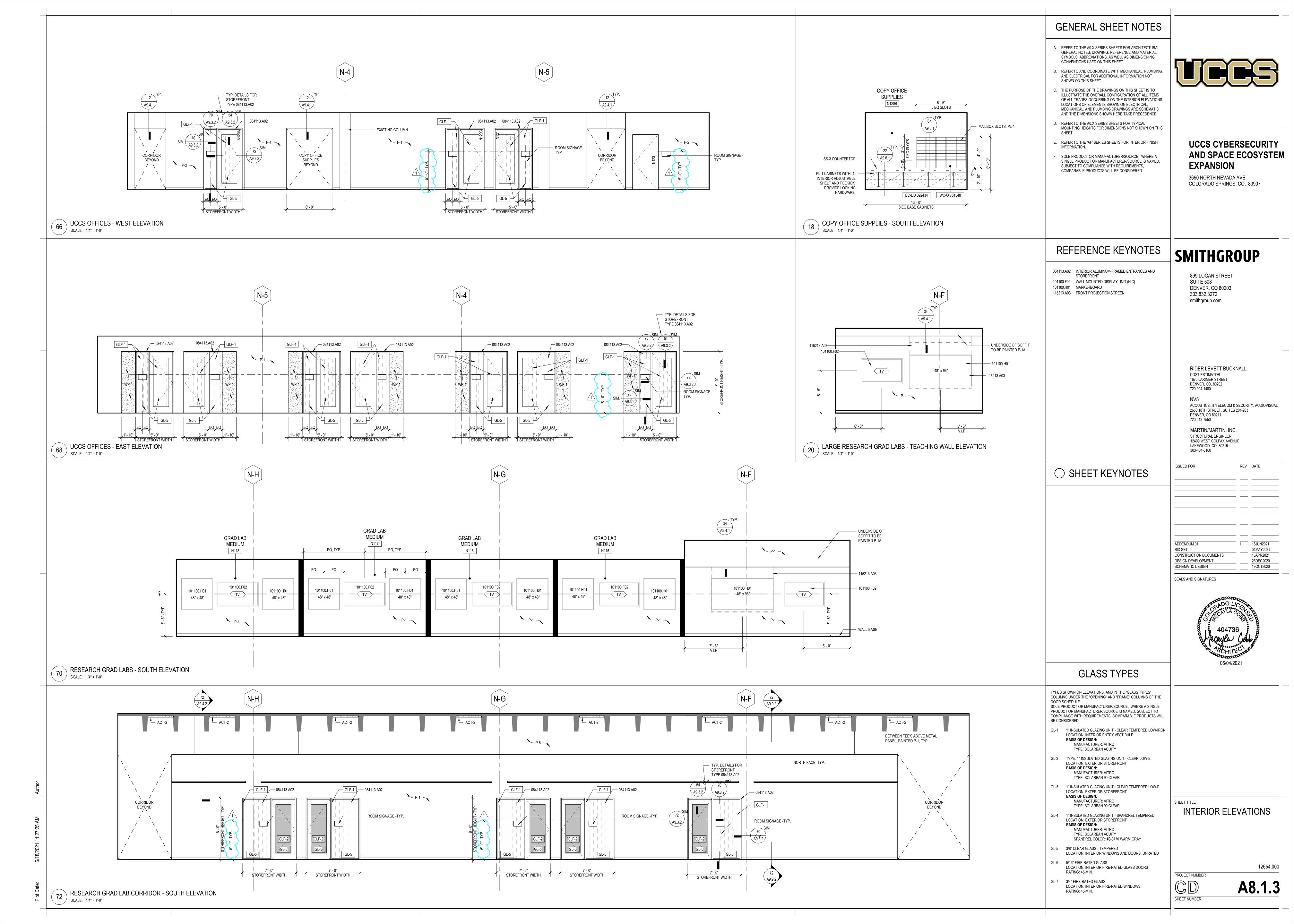


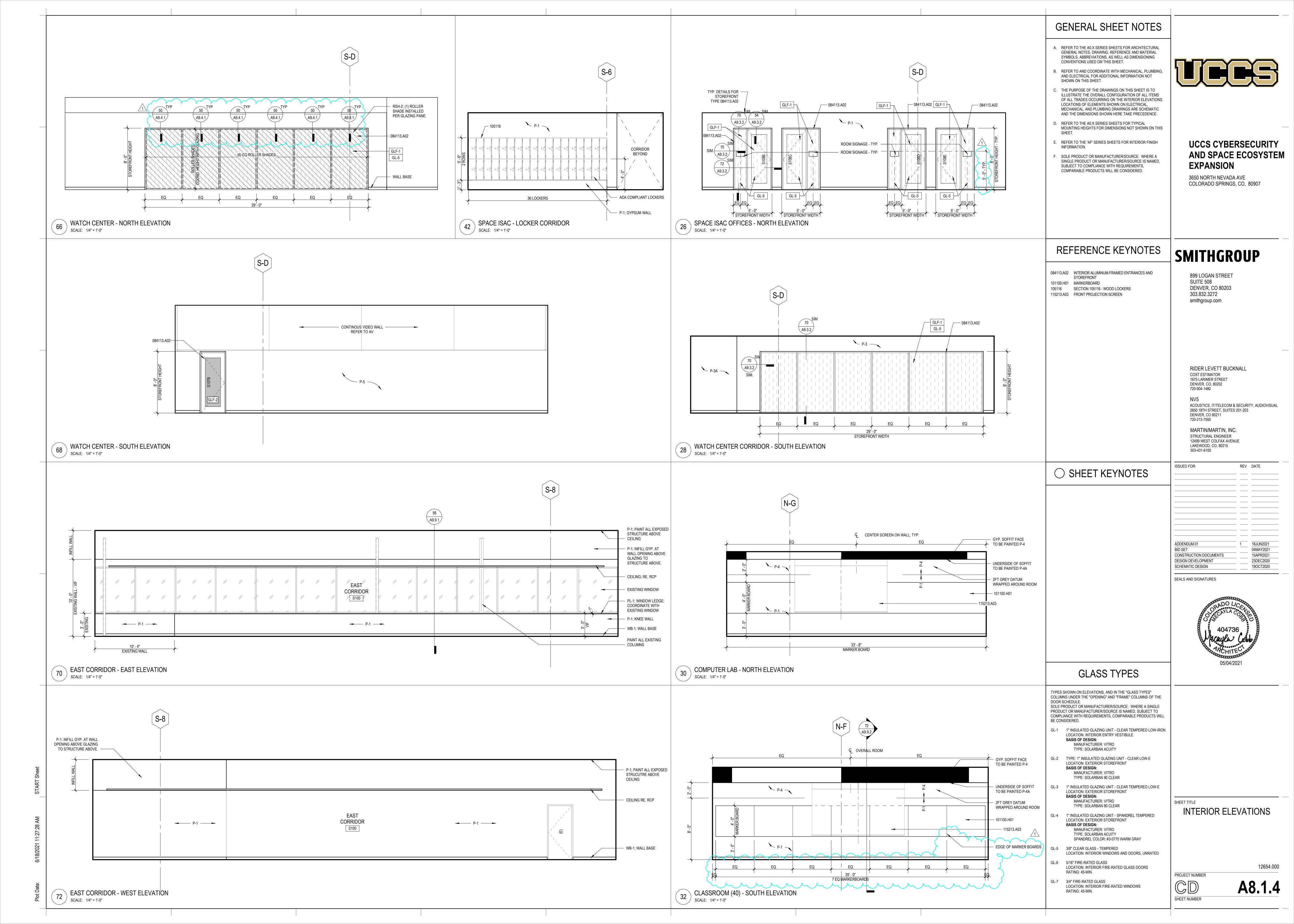


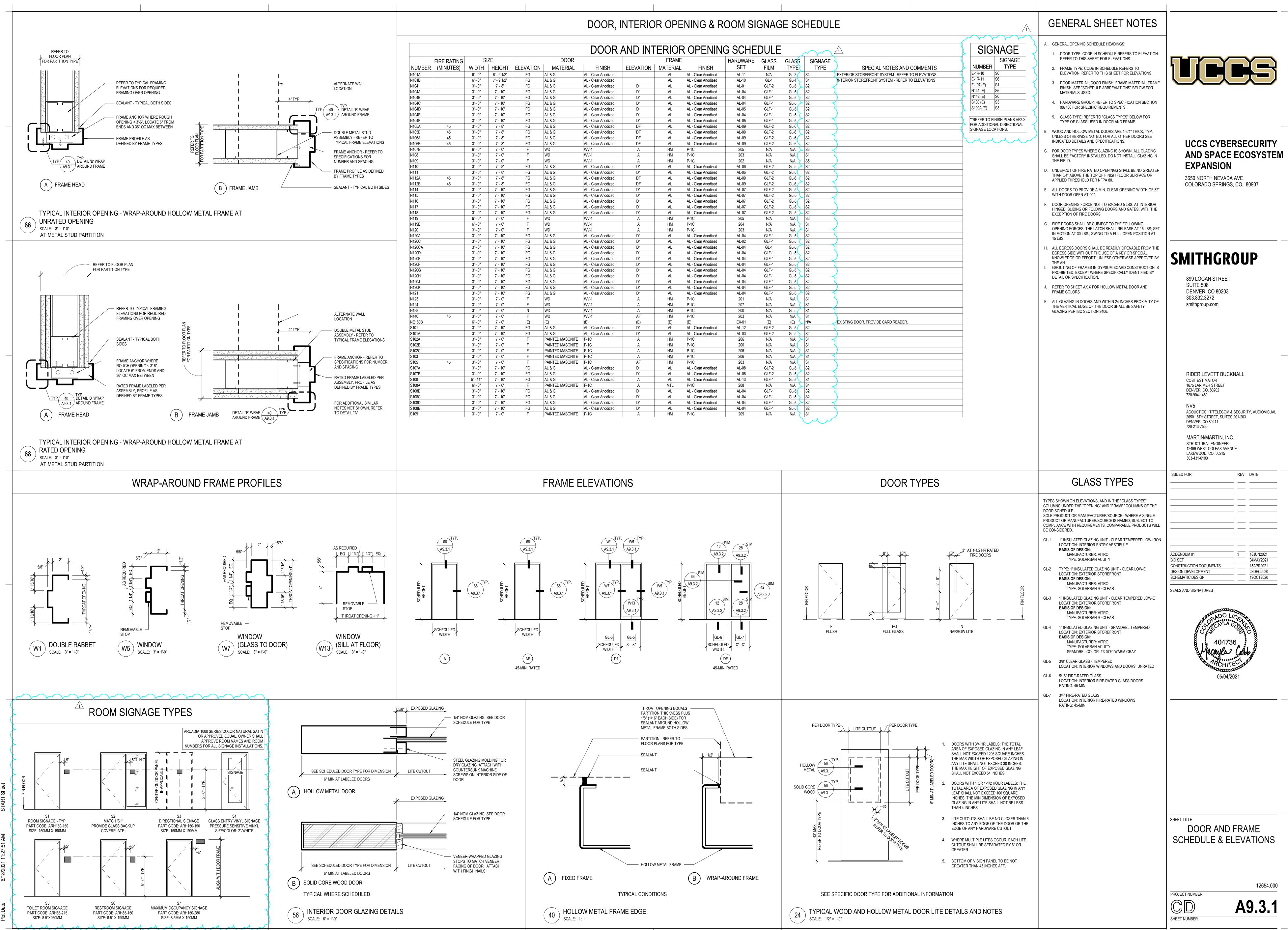






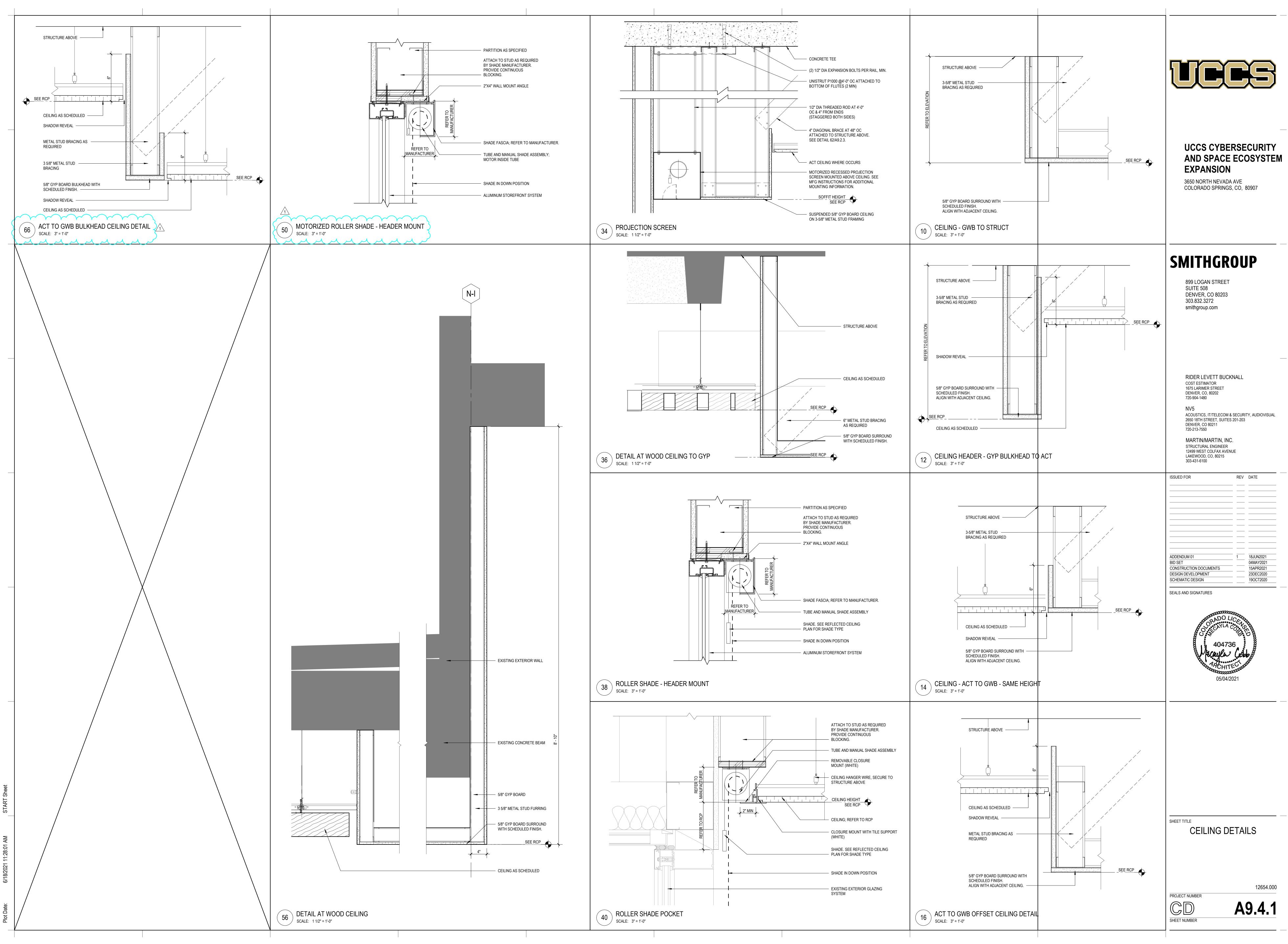


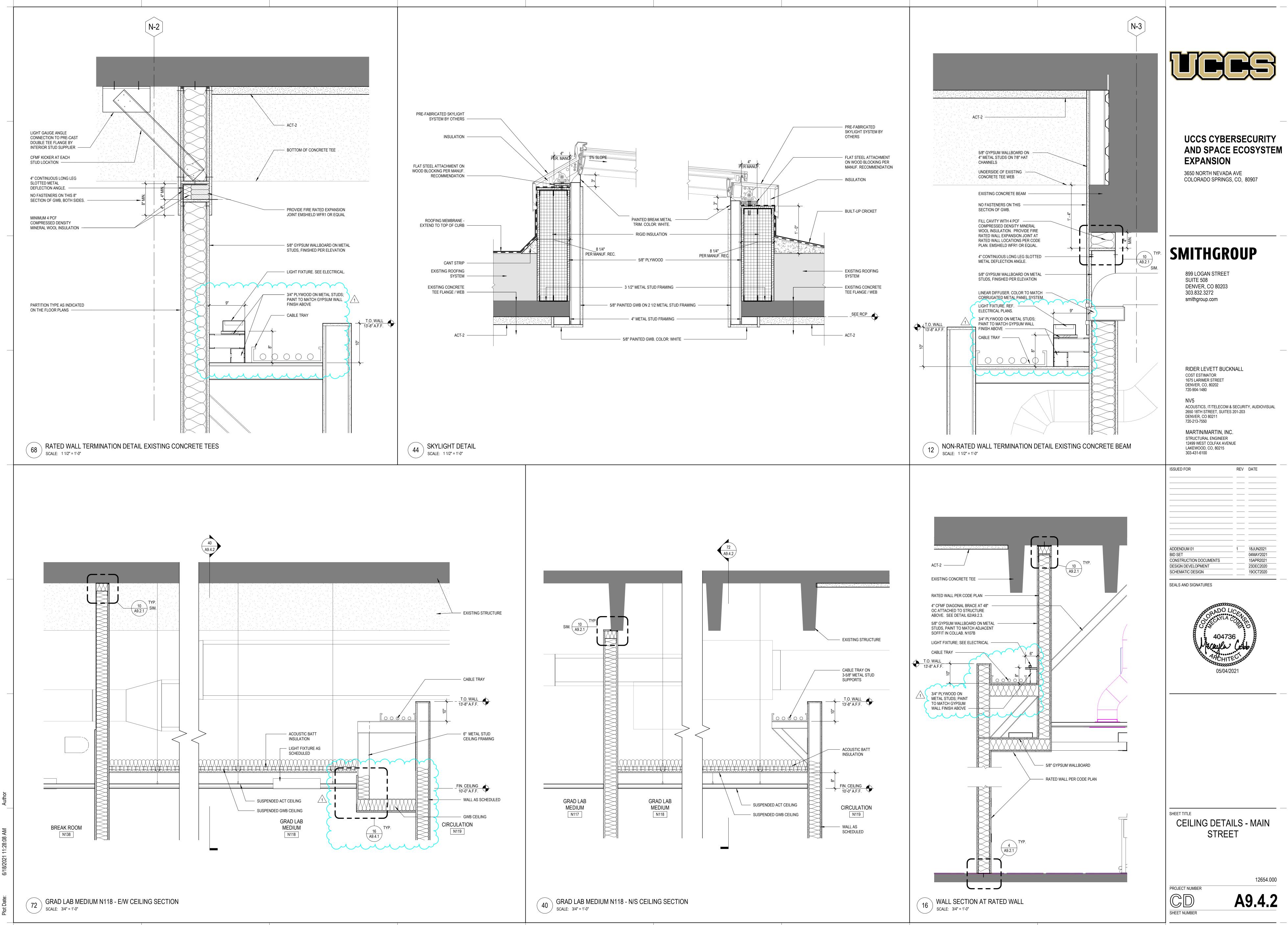


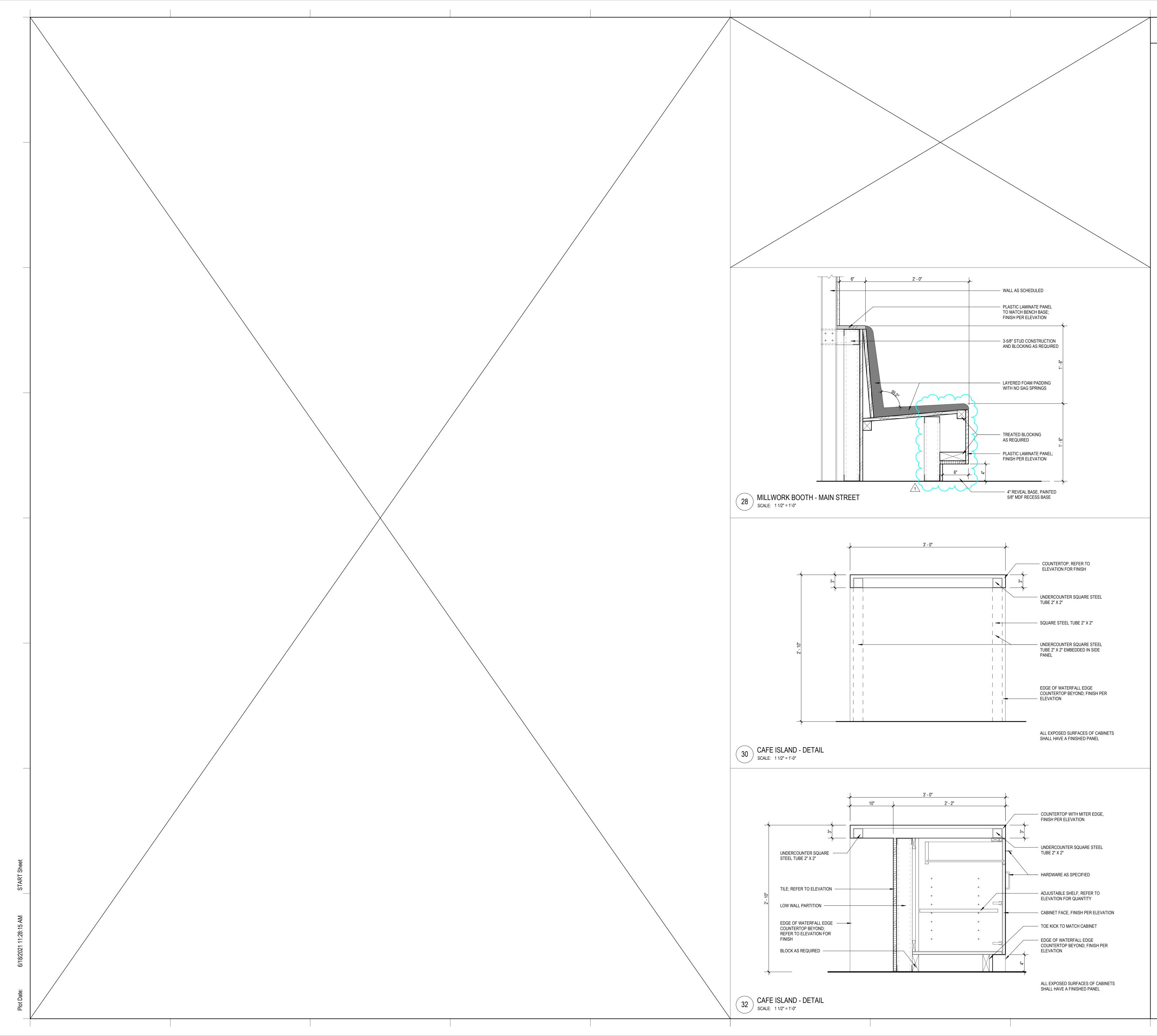


DOOR, INTERIOR OPENING & ROOM S

	FIRE RATING	SI	ZE		DOOR			FRAME	
NUMBER	(MINUTES)	WIDTH	HEIGHT	ELEVATION	MATERIAL	FINISH	ELEVATION	MATERIAL	FINISH
N101A	(111110120)	6' - 0"	8' - 9 1/2"	FG	AL&G	AL - Clear Anodized		AL	AL - Clear Anodized
N101B		6' - 0"	7' - 9 1/2"	FG	AL&G	AL - Clear Anodized		AL	AL - Clear Anodized
N104		3' - 0"	7' - 8"	FG	AL&G	AL - Clear Anodized	D1	AL	AL - Clear Anodized
N104A		3' - 0"	7' - 10"	FG	AL&G	AL - Clear Anodized	D1	AL	AL - Clear Anodized
N104B		3' - 0"	7' - 10"	FG	AL&G	AL - Clear Anodized	D1	AL	AL - Clear Anodized
N104C		3' - 0"	7' - 10"	FG	AL&G	AL - Clear Anodized	D1	AL	AL - Clear Anodized
N104D		3' - 0"	7' - 10"	FG	AL&G	AL - Clear Anodized	D1	AL	AL - Clear Anodized
N104E		3' - 0"	7' - 10"	FG	AL&G	AL - Clear Anodized	D1	AL	AL - Clear Anodized
N104F		3' - 0"	7' - 10"	FG	AL & G	AL - Clear Anodized	D1	AL	AL - Clear Anodized
N105A	45	3' - 0"	7' - 8"	FG	AL & G	AL - Clear Anodized	DF	AL	AL - Clear Anodized
N105B	45	3' - 0"	7' - 8"	FG	AL & G	AL - Clear Anodized	DF	AL	AL - Clear Anodized
N106A	45	3' - 0"	7' - 8"	FG	AL & G	AL - Clear Anodized	DF	AL	AL - Clear Anodized
N106B	45	3' - 0"	7' - 8"	FG	AL & G	AL - Clear Anodized	DF	AL	AL - Clear Anodized
N107B		6' - 0"	7' - 0"	F	WD	WV-1	A	HM	P-1C
N108		3' - 0"	7' - 0"	F	WD	WV-1	A	HM	P-1C
N109		3' - 0"	7' - 0"	F	WD	WV-1	A	HM	P-1C
N110		3' - 0"	7' - 8"	FG	AL & G	AL - Clear Anodized	D1	AL	AL - Clear Anodized
N111		3' - 0"	7' - 8"	FG	AL & G	AL - Clear Anodized	D1	AL	AL - Clear Anodized
N112A	45	3' - 0"	7' - 8"	FG	AL & G	AL - Clear Anodized	DF	AL	AL - Clear Anodized
N112B	45	3' - 0"	7' - 8"	FG	AL & G	AL - Clear Anodized	DF	AL	AL - Clear Anodized
N114		3' - 0"	7' - 10"	FG	AL & G	AL - Clear Anodized	D1	AL	AL - Clear Anodized
N115		3' - 0"	7' - 10"	FG	AL & G	AL - Clear Anodized	D1	AL	
N116		3' - 0"	7' - 10"	FG	AL & G	AL - Clear Anodized	D1	AL	
N117		3' - 0"	7' - 10"	FG	AL & G	AL - Clear Anodized	D1	AL	
N118		3' - 0"	7' - 10"	FG	AL & G	AL - Clear Anodized	D1	AL	
N119		6' - 0"	7' - 0"	F	WD	WV-1	A	HM	
N119B		6' - 0"	7' - 0"	F	WD	WV-1	A	HM	
N120		3' - 0"	7' - 0"	F	WD	WV-1	A	HM	
N120A		3' - 0"	7' - 10"	FG	AL&G	AL - Clear Anodized	D1	AL	
N120C		3' - 0"	7' - 10"	FG	AL&G	AL - Clear Anodized	D1	AL	
N120CA		3' - 0"	7' - 10"	FG	AL&G	AL - Clear Anodized	D1	AL	
N120D		3' - 0"	7' - 10"	FG	AL&G	AL - Clear Anodized	D1	AL	
N120E N120F		3' - 0" 3' - 0"	7' - 10" 7' - 10"	FG FG	AL & G AL & G	AL - Clear Anodized AL - Clear Anodized	D1	AL	
N120F N120G		3 - 0 3' - 0"	7 - 10	FG	AL&G	AL - Clear Anodized	D1	AL	
N120G		3' - 0"	7 - 10	FG	AL&G	AL - Clear Anodized	D1	AL	
N120J		3' - 0"	7 - 10"	FG	AL&G	AL - Clear Anodized	D1	AL	
N1205		3' - 0"	7' - 10"	FG	AL&G	AL - Clear Anodized	D1	AL	
N120K		3' - 0"	7 - 10"	FG	AL&G	AL - Clear Anodized	D1	AL	
N123		3' - 0"	7' - 0"	F	WD	WV-1	A	HM	
N124		3' - 0"	7' - 0"	F	WD	WV-1	A	HM	
N138		3' - 0"	7' - 0"	N.	WD	WV-1	A	HM	P-1C
N140	45	3' - 0"	7' - 0"	F	WD	WV-1	AF	HM	P-1C
NE180B	-	6' - 0"	7' - 0"	(E)	(E)	(E)	(E)	(E)	(E)
S101		3' - 0"	7' - 10"	FG	AL & G	AL - Clear Anodized	D1	AL	AL - Clear Anodized
S101A		3' - 0"	7' - 10"	FG	AL & G	AL - Clear Anodized	D1	AL	AL - Clear Anodized
S102A		3' - 0"	7' - 0"	F	PAINTED MASONITE	P-1C	A	HM	AL - Clear Anodized AL - Clear Anodized P-1C P-1C P-1C AL - Clear Anodized AL - Clear A
S102B		3' - 0"	7' - 0"	F	PAINTED MASONITE	P-1C	A	HM	P-1C
S102C		3' - 0"	7' - 0"	F	PAINTED MASONITE	P-1C	A	HM	P-1C
S103		3' - 0"	7' - 0"	F	PAINTED MASONITE	P-1C	A	HM	P-1C
S105	45	3' - 0"	7' - 0"	F	PAINTED MASONITE	P-1C	AF	HM	P-1C
S107A		3' - 0"	7' - 10"	FG	AL & G	AL - Clear Anodized	D1	AL	AL - Clear Anodized
S107B		3' - 0"	7' - 10"	FG	AL & G	AL - Clear Anodized	D1	AL	AL - Clear Anodized
S108		5' - 11"	7' - 10"	FG	AL & G	AL - Clear Anodized	A	AL	AL - Clear Anodized
S108A		6' - 0"	7' - 0"	F	PAINTED MASONITE	P-1C	A	MTL	P-1C
S108B		3' - 0"	7' - 10"	FG	AL & G	AL - Clear Anodized	D1	AL	AL - Clear Anodized

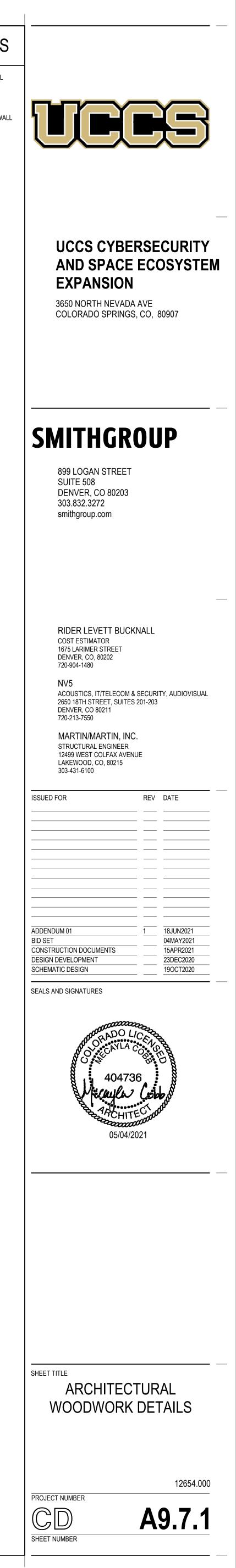


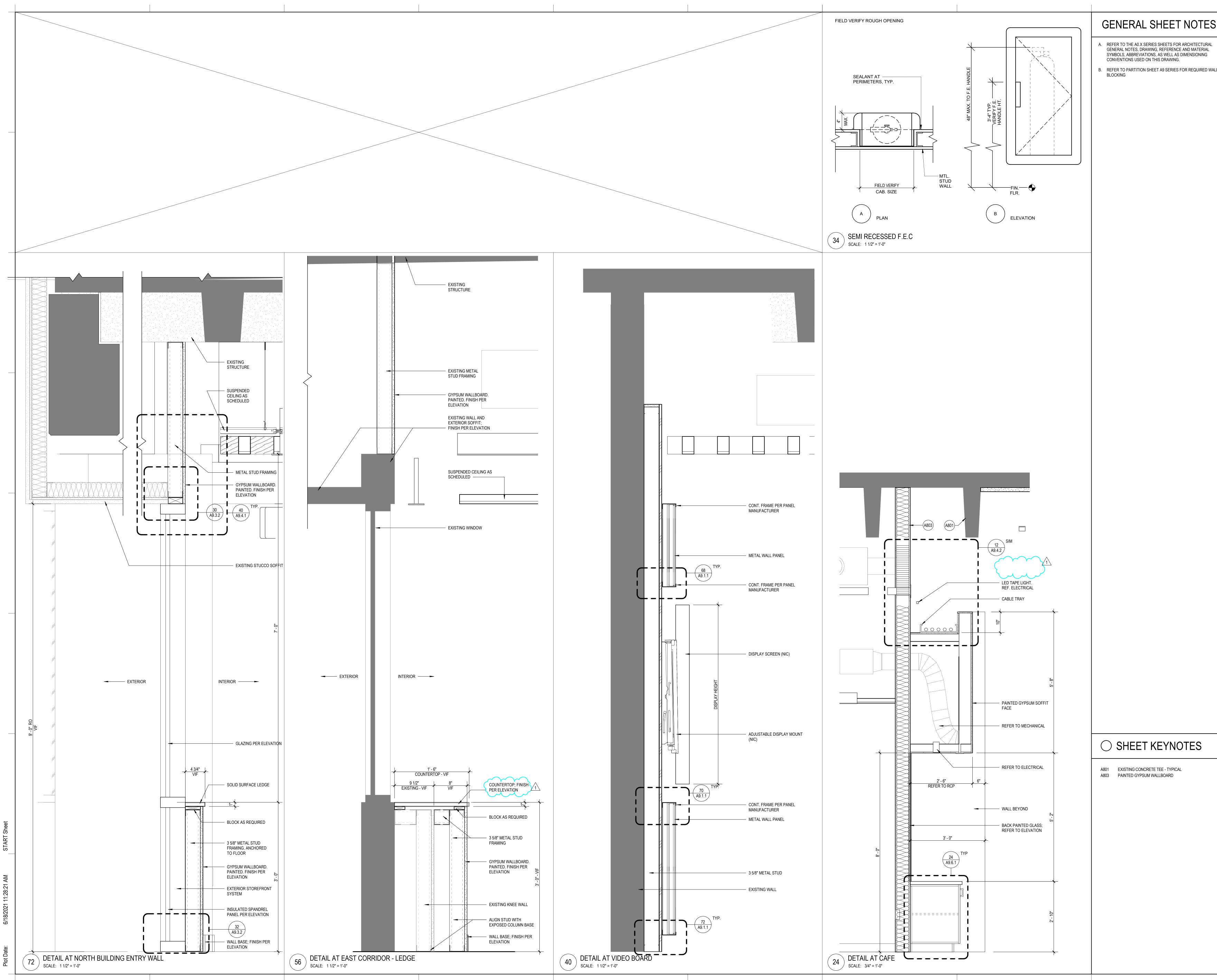




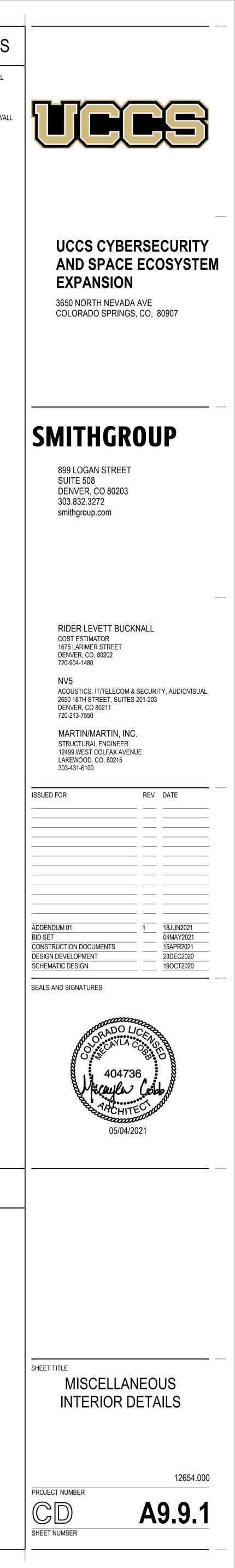
A. REFER TO THE A0.X SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWING, REFERENCE AND MATERIAL SYMBOLS, ABBREVIATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS DRAWING.

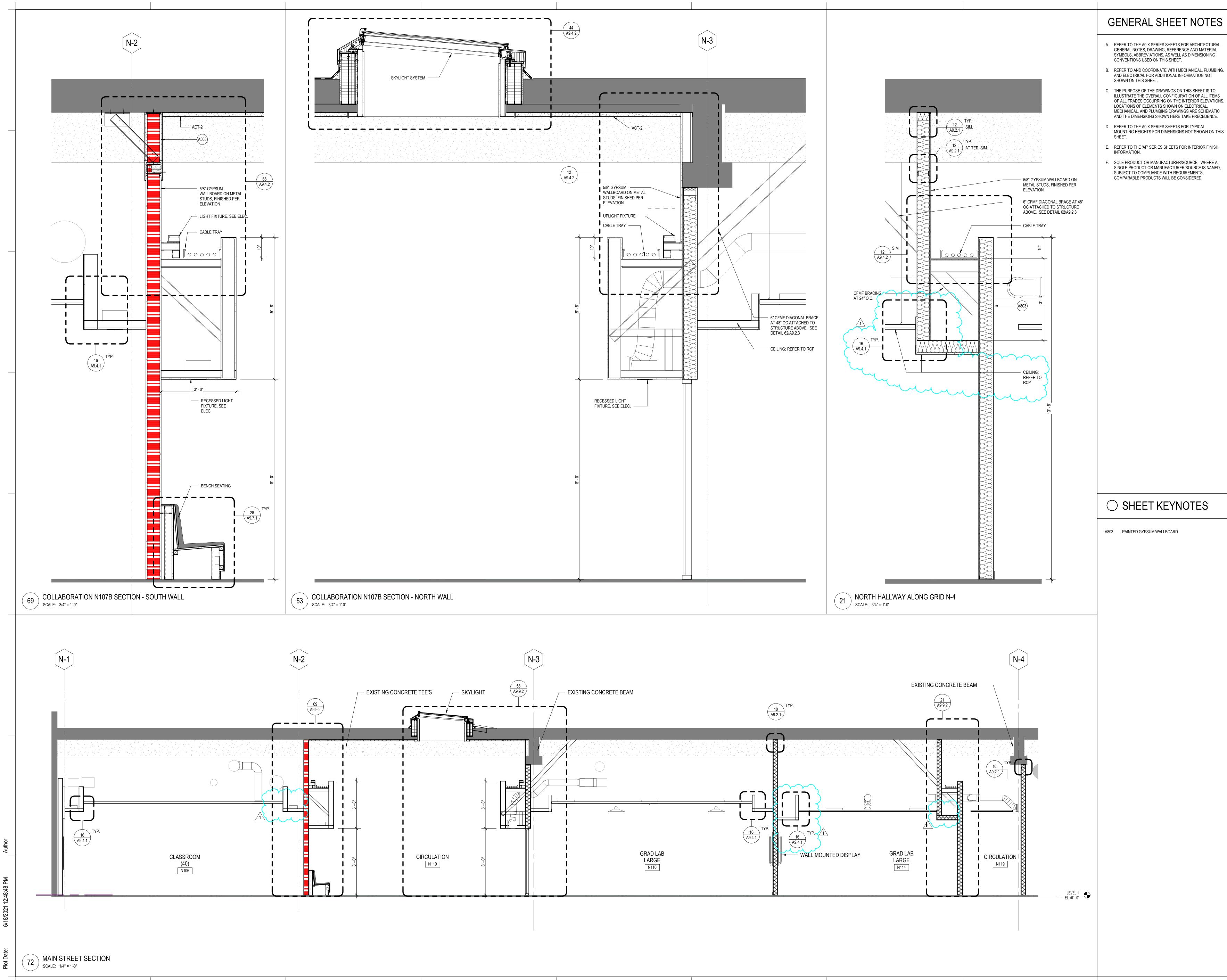
B. REFER TO PARTITION SHEET A9 SERIES FOR REQUIRED WALL BLOCKING

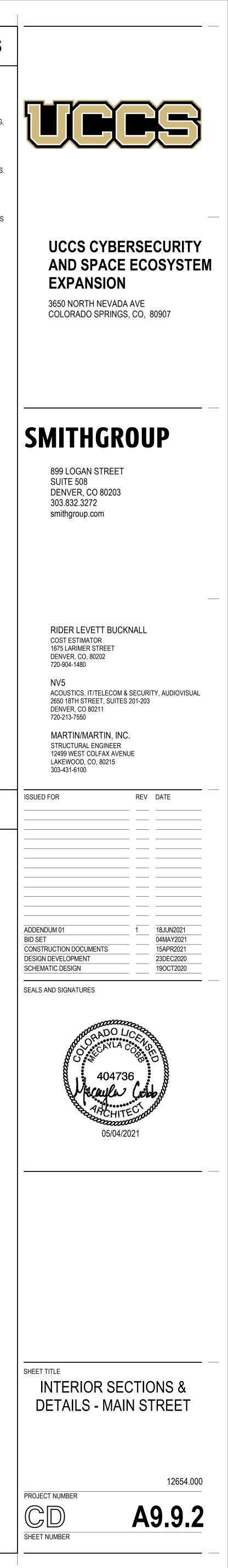


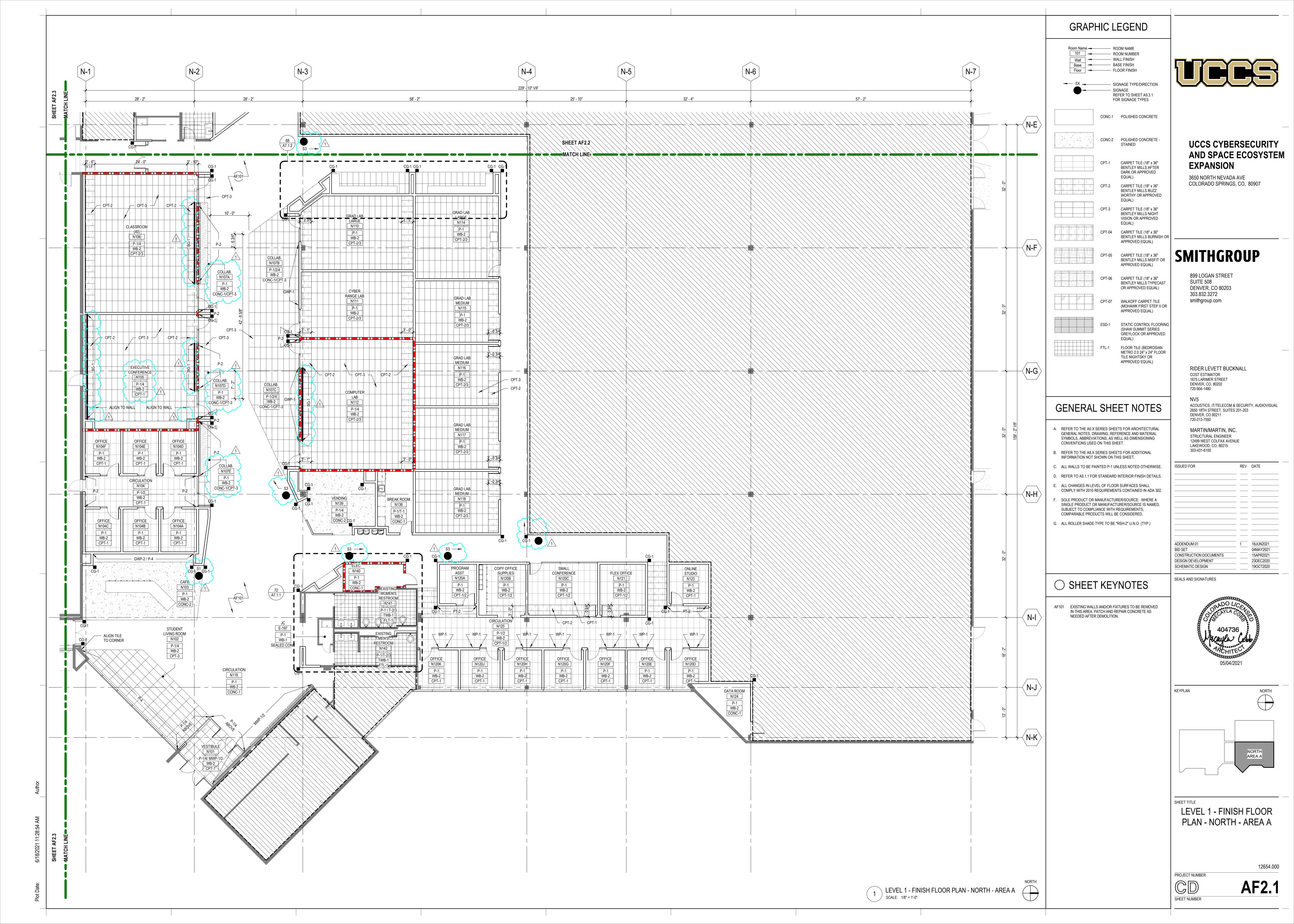


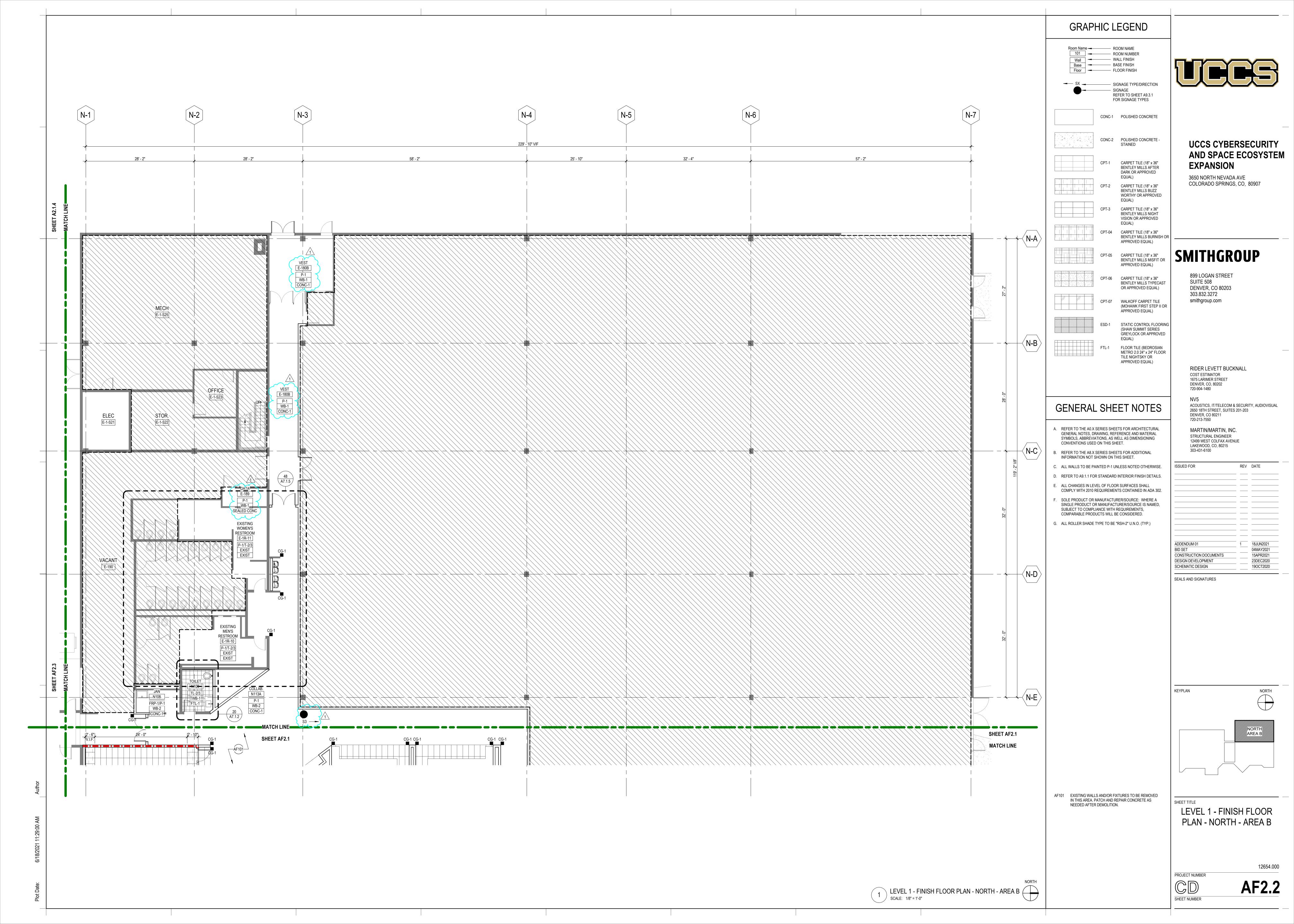
SYMBOLS, ABBREVIATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS DRAWING.

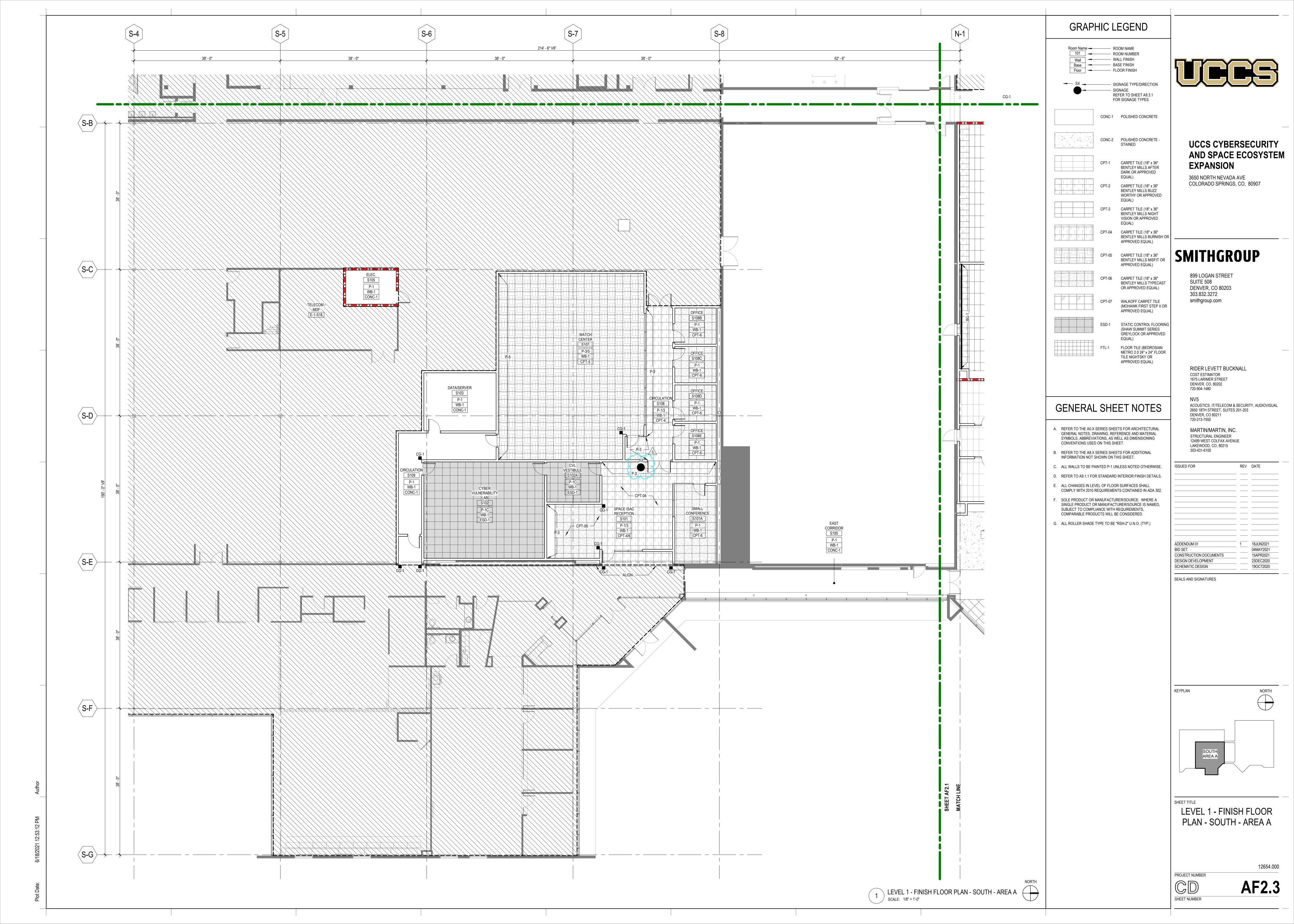


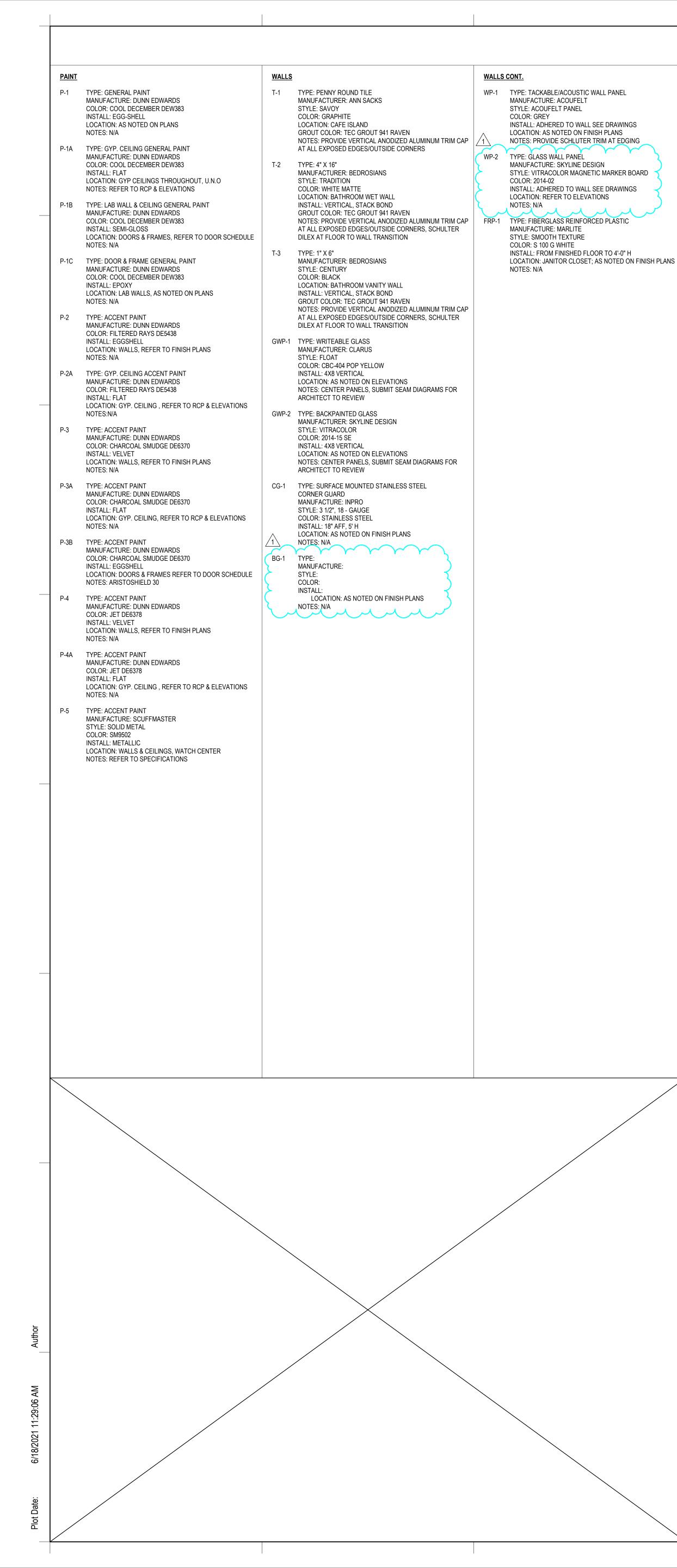












APPLIED F	INISH LIST	
BASE	FLOORING	MILLWORK
TYPE: 4" RUBBER MANUFACTURE: ROPPE STYLE: 4" COVE COLOR: BLACK 100 INSTALL: N/A LOCATION: AS NOTED ON PLANS (SPACE ISAC)	CON-1 TYPE: POLISHED & SEALED CONCRETE STYLE: CLASS C GRIND/LEVEL 3 SHEEN LOCATION: AS NOTED ON FINISH PLANS NOTES: ARCHITECT TO REVIEW MOCK-UP, MEDIUM GRIND CON-2 TYPE: STAINED, POLISHED & SEALED CONCRETE	SS-1 TYPE: QUARTZ MANUFACTURE: CAMBRIA STYLE: MATTE COLOR: SALT LAKE THICKNESS: 3CM PROFILE: RIDGELINE
NOTES: N/A TYPE: 4" RUBBER MANUFACTURE: ROPPE STYLE: 4" COVE COLOR: 175 SLATE INSTALL: N/A LOCATION: AS NOTED ON PLANS (UCCS) NOTES: N/A TYPE: TILE WALL BASE MANUFACTURE: BEDROSIANS STYLE: METRO 2.0 6" X 12" TRIM COLOR: NIGHTSKY INSTALL: ALIGN GROUT JOINTS WITH FLOOR TILE JOINTS LOCATION: AS NOTED ON FINISH PLANS NOTES: GROUT COLOR: TEC GROUT 941 RAVEN PROVIDE S.S TRIM CAP AT ALL EXPOSED EDGES	 STYLE: CLASS C GRIND/LEVEL 3 SHEEN LOCATION: AS NOTED ON FINISH PLANS NOTES: ARCHITECT TO REVIEW MOCK-UP, MEDIUM GRIND CPT-1 TYPE: 18"X36" CARPET TILE MANUFACTURE: BENTLEY MILLS STYLE: AFTER DARK COLOR: DARK ROOM 400452 INSTALL: TBD LOCATION: AS NOTED ON FINISH PLANS NOTES: N/A CPT-2 TYPE: 18"X36" CARPET TILE MANUFACTURE: BENTLEY MILLS STYLE: BUZZ WORTHY COLOR: BOX OFFICE HIT 400586 INSTALL: TBD LOCATION: AS NOTED ON FINISH PLANS NOTES: N/A 	LOCATION: AS NOTED ON ELEVATIONS SS-2 TYPE: QUARTZ MANUFACTURE: CAMBRIA STYLE: MATTE COLOR: VAIL VILLAGE MATTE THICKNESS: 3CM PROFILE: RIDGELINE LOCATION: AS NOTED ON ELEVATIONS SS-3 TYPE: QUARTZ MANUFACTURE: CAMBRIA STYLE: MATTE COLOR: FIELDSTONE THICKNESS: 3CM PROFILE: RIDGELINE LOCATION: AS NOTED ON ELEVATIONS
	CPT-3 TYPE: 18"X36" CARPET TILE MANUFACTURE: BENTLEY MILLS STYLE: NIGHT VISION COLOR: DARK ROOM 400452 INSTALL: TBD LOCATION: AS NOTED ON FINISH PLANS NOTES: N/A	PL-1 TYPE: PLASTIC LAMINATE MANUFACTURE: FORMICA STYLE: COLOR CORE 2 COLOR: BLACK 909C-AN LOCATION: AS NOTED ON PLANS & ELEVATIONS NOTES: N/A PL-2 TYPE: PLASTIC LAMINATE
	CPT-4 TYPE: 18"X36" CARPET TILE MANUFACTURE: BENTLEY MILLS STYLE: BURNISH COLOR: ORTEGA HIGHWAY 402919 INSTALL: TBD LOCATION: AS NOTED ON FINISH PLANS	MANUFACTURE: FORMICA STYLE: COLOR CORE 2 COLOR: STORM LOCATION: AS NOTED ON PLANS & ELEVATIONS NOTES: N/A
	NOTES: N/A CPT-5 TYPE: 18"X36" CARPET TILE MANUFACTURE: BENTLEY MILLS STYLE: MISFIT COLOR: DISTINCT 801793 INSTALL: TBD LOCATION: AS NOTED ON FINISH PLANS	MWP-1 TYPE: METAL WALL PANEL MANUFACTURE: USG STYLE: CELEBRATION SNAP IN COLOR: FLAT BLACK 205 INSTALL: SEE ELEVATIONS LOCATION: LOBBY ENTRY NOTES: SEE ELEVATIONS FOR FURTHER DETAIL
	NOTES: N/A CPT-6 TYPE: 18"X36" CARPET TILE MANUFACTURE: BENTLEY MILLS STYLE: TYPECAST COLOR: CONSERVATIVE 801805 INSTALL: TBD LOCATION: AS NOTED ON FINISH PLANS	MWP-2 TYPE: METAL WALL PANEL MANUFACTURE: USG STYLE: CELEBRATION SNAP IN COLOR: CHARCOAL 534 INSTALL: SEE ELEVATIONS LOCATION: LOBBY ENTRY NOTES: SEE ELEVATIONS FOR FURTHER DETAIL
	CPT-7 TYPE: WALK OFF CARPET TILE MANUFACTURE: MOHAWK STYLE: FIRST STEP II COLOR: 955 COBALT INSTALL: ASHLAR LOCATION: VESTIBULE	MWP-3 TYPE: METAL WALL PANEL MANUFACTURE: USG STYLE: PIXELS SNAP IN COLOR: CHARCOAL 534 INSTALL: SEE ELEVATIONS LOCATION: SOFFIT NOTES: SEE ELEVATIONS FOR FURTHER DETAIL
	NOTES: N/A ESD-1 TYPE: STATIC CONTROL FLOORING MANUFACTURE: SHAW STYLE: SUMMIT SERIES ESD VINYL TILE COLOR: QUARTZ INSTALL: TBD	MWP-4 TYPE: METAL WALL PANEL MANUFACTURE: USG STYLE: WALL FORMS COLOR: OAKLINE (MATCH WD-1) INSTALL: SEE ELEVATIONS LOCATION: CAFE NOTES: SEE ELEVATIONS FOR FURTHER DETAIL
	LOCATION: CYBER VULNERABILITY LAB NOTES: N/A FLT-1 TYPE: 24" X 24" PORCELAIN TILE MANUFACTURE: BEDROSIAN STYLE: METRO 2.0 COLOR: NIGHTSKY INSTALL: STACK BOND GROUT: TBD LOCATION: AS NOTED ON FINISH PLANS NOTES:	UPH-1 TYPE: UPHOLSTERY MANUFACTURE: RW LTD STYLE: VECTOR COLOR: MIDNIGHT WIDTH: 54" CONTENT: 100% POLYURETHANE ABRASION: 300,000 DOUBLE RUBS INSTALL: SEE ELEVATIONS LOCATION: BENCH NOTES: SEE ELEVATIONS FOR FURTHER DETAIL
		WV-1 TYPE: WOOD VENEER MANUFACTURE: DOOGE OR EQUAL STYLE: QUARTER CUT COLOR: SEN INSTALL: SLIP MATCH VERTICAL LOCATION: WOOD DOORS NOTES: SEE DOOR SCHEDULE

WALL BASE

WB-1 TYPE: 4" RUBBER

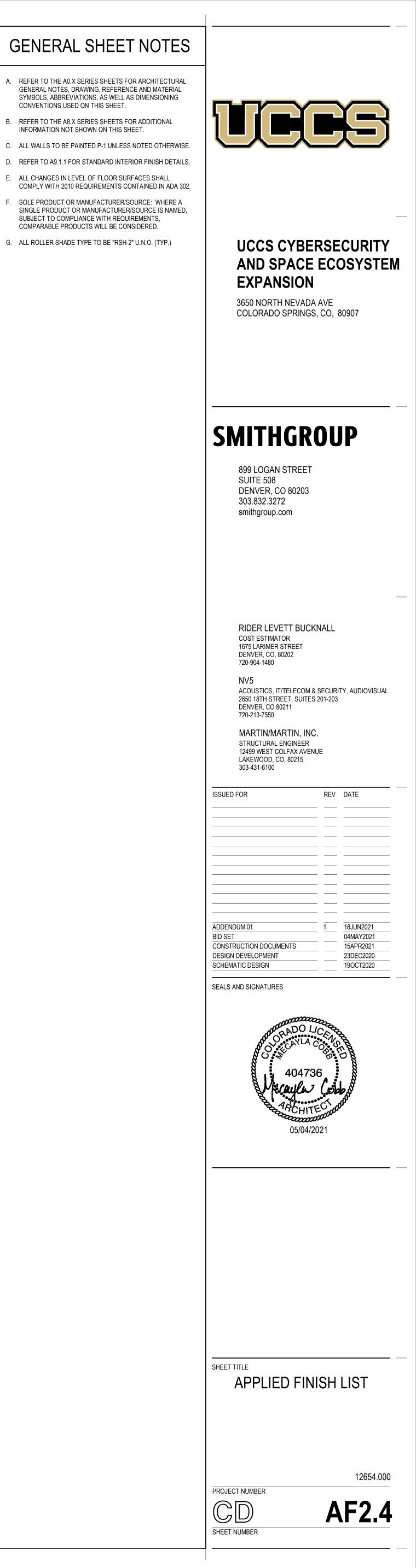
TWB-1 TYPE: TILE WALL BASE

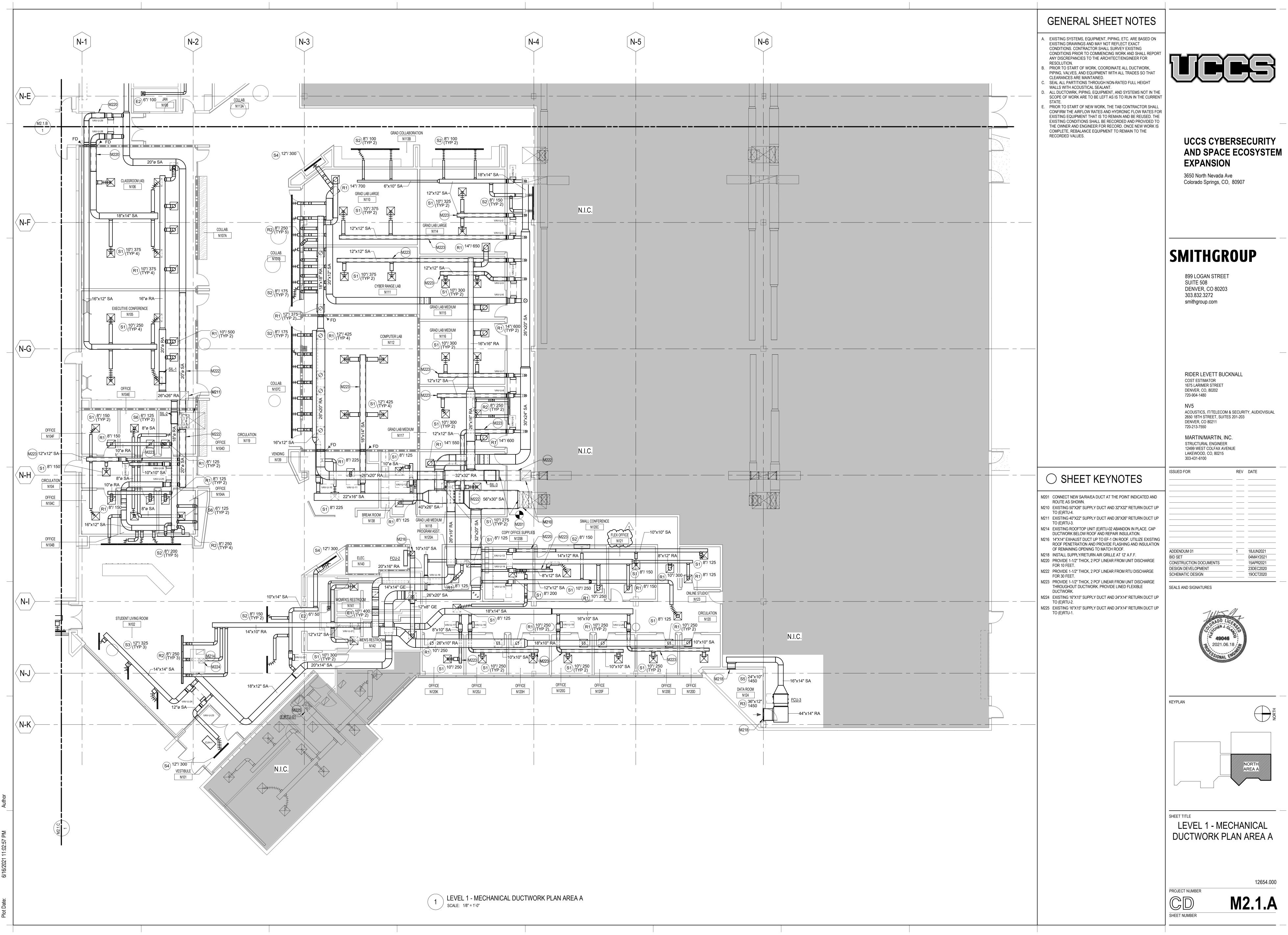
WB-2 TYPE: 4" RUBBER

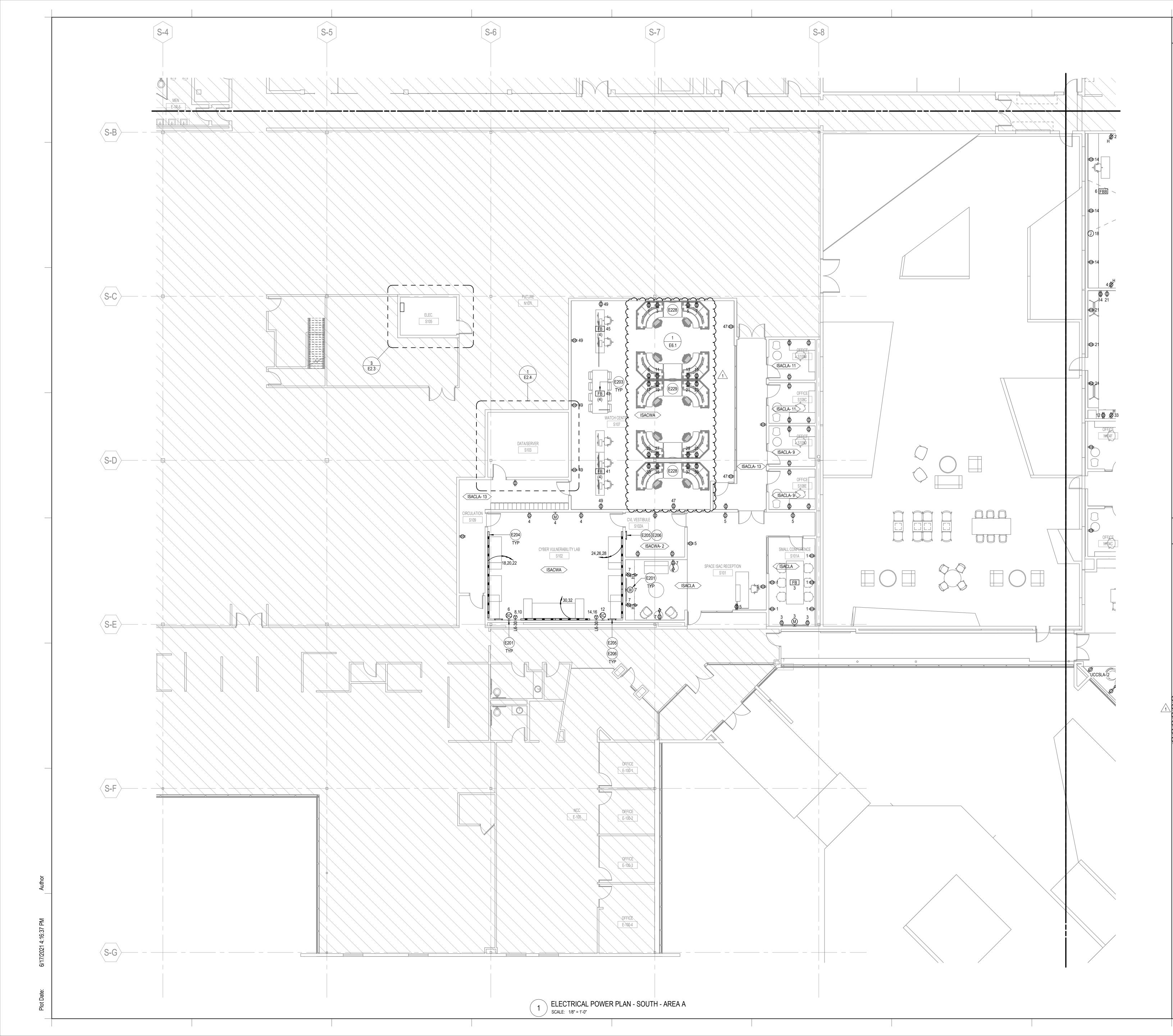
			FI	NISH			
NUMBER	NAME	FLOOR	BASE	WALL	CEILING	SPECIAL NOTES AND COMMENTS	
E-1R-10	EXISTING MEN'S RESTROOM	EXIST	EXIST	P-1/T-2/3			
-1R-11	EXISTING WOMEN'S RESTROOM	EXIST	EXIST	P-1/7-2/3			
-180B	VEŠT	CONC-1	WB-1	P-1			
-189	DATA	SEALED CONC	WB-1	P-1	1	EXISTING	
-197	JC	SEALED CONC	WB-1	P-1			
1101	VESTIBULE	CPT-7	WB-2	P-1/4/ MWP-1/2			
102	STUDENT LIVING ROOM	CPT-3	WB-2	P-1/4			
103	CAFE	CONC-2	WB-2	P-1			
104	CIRCULATION	CPT-1	WB-2	P-1/2			
I104A	OFFICE	CPT-1	WB-2	P-1			
I104B	OFFICE	CPT-1	WB-2	P-1			
104C	OFFICE	CPT-1	WB-2	P-1			
104D	OFFICE	CPT-1	WB-2	P-1			
104E	OFFICE	CPT-1	WB-2	P-1			
I104F	OFFICE 1	CPT-1	WB-2	P-1			
1105	EXECUTIVE CONFERENCE	CPT-1	WB-2	P-1/4			
1106	CLASSROOM (40)	CPT-2/3	WB-2	P-1/4			
1107A	COLLAB.	CONC-1/CPT-3	WB-2	P-1			
I107B	COLLAB.	CONC-1/CPT-3	WB-2	P-1/2/4			Ī
1107C	COLLAB.	CONC-1/CPT-3	WB-2	P-1/2/4			
1107D	COLLAB.	CONC-1/CPT-3	WB-2	P-1			Ī
I107E	COLLAB.	CONC-1/CPT-3	WB-2	P-1			Ī
1108	JAN	CONC-1	WB-2	FRP-1/P-1			Ī
1109	TOILET	FTL-1	TWB-1	TL-2/3			
1110	GRAD LAB LARGE	CPT-2/3	WB-2	P-1			
1111	CYBER RANGE LAB	CPT-2/3	WB-2	P-1			
1112	COMPUTER LAB	CPT-2/3	WB-2	P-1/4			
I113A	COLLAB.	CONC-1	WB-2	P-1			
113B	GRAD COLLABORATION	CPT-3	WB-2	P-2			
113C	GRAD COLLABORATION	CPT-3	WB-2	P-2			
1114	GRAD LAB LARGE	CPT-2/3	WB-2	P-1			
115	GRAD LAB MEDIUM	CPT-2/3	WB-2	P-1			
116	GRAD LAB MEDIUM	CPT-2/3	WB-2	P-1			
117	GRAD LAB MEDIUM	CPT-2/3	WB-2	P-1			ľ

		1		
CEILING	<u>3S</u>	WINDO	W TREATMENT	A. REFER TO THE A0.X SERIES SHEETS FOR ARCHITECTU
ACT-1	TYPE: ACOUSTIC CEILING TILE MANUFACTURE: USG STYLE: CLIMAPLUS PERFORMANCE MARS .75 NRC / 35 CAC PROFILE: FLB GRID: 15/16" DXT CENTRICITEE GRID COLOR: FLAT WHITE SIZE: 2' X 2' LOCATION: AS NOTED ON RCP	RSH-1	TYPE: ROLLER SHADE MANUFACTURE: MECHOSHADE STYLE: SOHO 1900 SERIES: 5% OPEN COLOR: CHARCOAL 1912 LOCATION: EXTERIOR GLAZING LOCATIONS; REFER TO ELEVATIONS. NOTE: FASCIA AND HARDWARE TO BE CLEAR ANODIZED, MANUAL	 GENERAL NOTES, DRAWING, REFERENCE AND MATERIA SYMBOLS, ABBREVIATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS SHEET. B. REFER TO THE A8.X SERIES SHEETS FOR ADDITIONAL INFORMATION NOT SHOWN ON THIS SHEET. C. ALL WALLS TO BE PAINTED P-1 UNLESS NOTED OTHER
ACT-2	TYPE: PAINTABLE ACOUSTIC CEILING PANEL MANUFACTURE: SOUND SEAL STYLE: CHROMA PROFILE: 1 1/8" THICK GRID: DIRECT MOUNT TO STRUCTURE COLOR: WHITE, PAINT-READY FIBER VEIL SIZE: 2' X 4' LOCATION: AS NOTED ON RCP	RSH-2	TYPE: ROLLER SHADE MANUFACTURE: MECHOSHADE STYLE: SOHO 1100 SERIES: 1% OPEN COLOR: SILVER BIRCH 1119 LOCATION: INTERIOR GLAZING LOCATIONS; REFER TO ELEVATIONS. NOTE: FASCIA AND HARDWARE TO BE CLEAR ANODIZED, MANUAL	 D. REFER TO A9.1.1 FOR STANDARD INTERIOR FINISH DET E. ALL CHANGES IN LEVEL OF FLOOR SURFACES SHALL COMPLY WITH 2010 REQUIREMENTS CONTAINED IN AD/ F. SOLE PRODUCT OR MANUFACTURER/SOURCE: WHERE SINGLE PRODUCT OR MANUFACTURER/SOURCE IS NAM SUBJECT TO COMPLIANCE WITH REQUIREMENTS, COMPARABLE PRODUCTS WILL BE CONSIDERED
ACT-3	TYPE: PERFORATED ACOUSTIC GYPSUM PANEL MANUFACTURE: USG STYLE: DANOLINE LAY-IN PANEL, C6 PERFORATION PROFILE: FL GRID: 15/16" CENTRICITEE DXT RECESSED COLOR: FLAT WHITE SIZE: 2' X 2' LOCATION: AS NOTED ON RCP		TYPE: GLASS FILM MANUFACTURER: DECORATIVE FILM STYLE: SOLYX SXJ-0561 LOCATION: AS NOTED ON ELEVATIONS NOTES: N/A TYPE: GLASS FILM	COMPARABLE PRODUCTS WILL BE CONSIDERED. G. ALL ROLLER SHADE TYPE TO BE "RSH-2" U.N.O. (TYP.)
ACT-4	TYPE: ACOUSTIC CEILING TILE CLOUD MANUFACTURE: USG STYLE: MARS PLANKS .75 NRC/35CAC PROFILE: SQUARE EDGE GRID: USG DX W/ 4" EDGE TRIM AROUND CLOUD PERIMETER SIZE: 2' X 5' LOCATION: AS NOTED ON RCP NOTES: TO MATCH EXISTING CORRIDOR CLOUD CEILING	GLF-2	MANUFACTURER: DECORATIVE FILM STYLE: SOLYX SXGF - 0197 LIGHT ETCH LOCATION: DOORS, SEE DOOR SCHEDULE NOTES: N/A	
GYP-1	TYPE: GYPSUM BOARD CEILING MANUFACTURE: N/A STYLE: N/A COLOR: FLAT WHITE (P-1A), U.N.O LOCATION: AS NOTED ON RCP			
WD-1	TYPE: WOOD SLAT CEILING MANUFACTURE: USG, CEILING PLUS OR EQUAL STYLE: BARZ COLOR: OAKLINE SIZE: VARIES - 2"W X 4" D AND 2" W X 6" D RANDOM			
	LOCATION: LOBBY CEILING			

			F	INISH		
ER	NAME	FLOOR	BASE	WALL	CEILING	SPECIAL NOTES AND COMMENTS
GRAD	LAB MEDIUM	CPT-2/3	WB-2	P-1		
	JLATION	CONC-1	WB-2	P-1		
	JLATION	CPT-1/2	WB-2	P-1/2		
	GRAM ASST.	CPT-1/2	WB-2	P-1		
	OFFICE SUPPLIES	CPT-1/2	WB-2	P-1		
	L CONFERENCE	CPT-1/2	WB-2	P-1		
OFFIC		CPT-1	WB-2	P-1		
OFFIC		CPT-1	WB-2	P-1		
OFFIC		CPT-1	WB-2	P-1		
OFFIC		CPT-1	WB-2	P-1		
OFFIC		CPT-1	WB-2	P-1		
OFFIC		CPT-1	WB-2	P-1		
OFFIC		CPT-1	WB-2	P-1		
	OFFICE	CPT-1/2	WB-2	P-1		
	NE STUDIO	CPT-1	WB-2	P-1		
	ROOM	CONC-1	WB-2	P-1		
	K ROOM	CONC-1	WB-2	P-1/T-1		
VEND		CONC-1 CONC-2	WB-2	P-1/4		
ELEC.		CONC-2 CONC-1	WB-2	P-1/4		
	ING WOMEN'S RESTROOM		TWB-2	P-1 / T-2/3		
		FLT-1	TWB-1			
	ING MEN'S RESTROOM	FTL-1		P-1/T-2/3		
		CONC-1	WB-1	P-1		
	E ISAC RECEPTION	CPT-4/6	WB-1	P-1/3		
		CPT-6	WB-1	P-1		
		CONC-1	WB-1	P-1		
-		ESD-1	WB-1	P-1C		
	ESTIBULE	ESD-1	WB-1	P-1C		
	/SERVER	CONC-1	WB-1	P-1		
ELEC.		CONC-1	WB-1	P-1		
	CH CENTER	CPT-5	WB-1	P-3/5		
	JLATION	CPT-4	WB-1	P-1/3		
OFFIC		CPT-6	WB-1	P-1		
OFFIC		CPT-6	WB-1	P-1		
OFFIC		CPT-6	WB-1	P-1		
OFFIC		CPT-6	WB-1	P-1		
CIRCL	JLATION	CONC-1	WB-1	P-1		



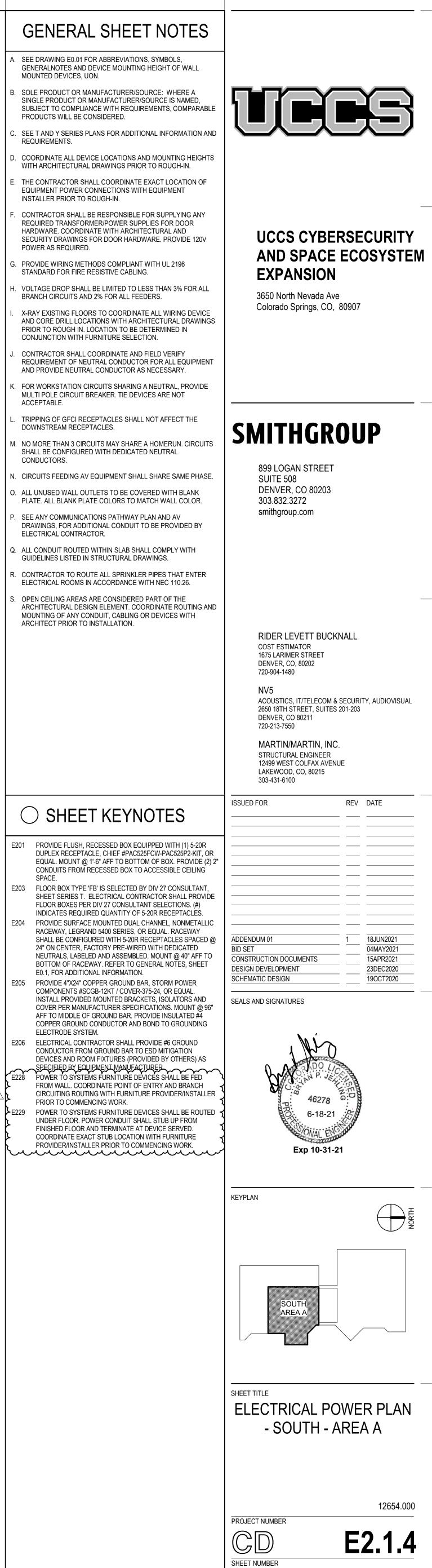


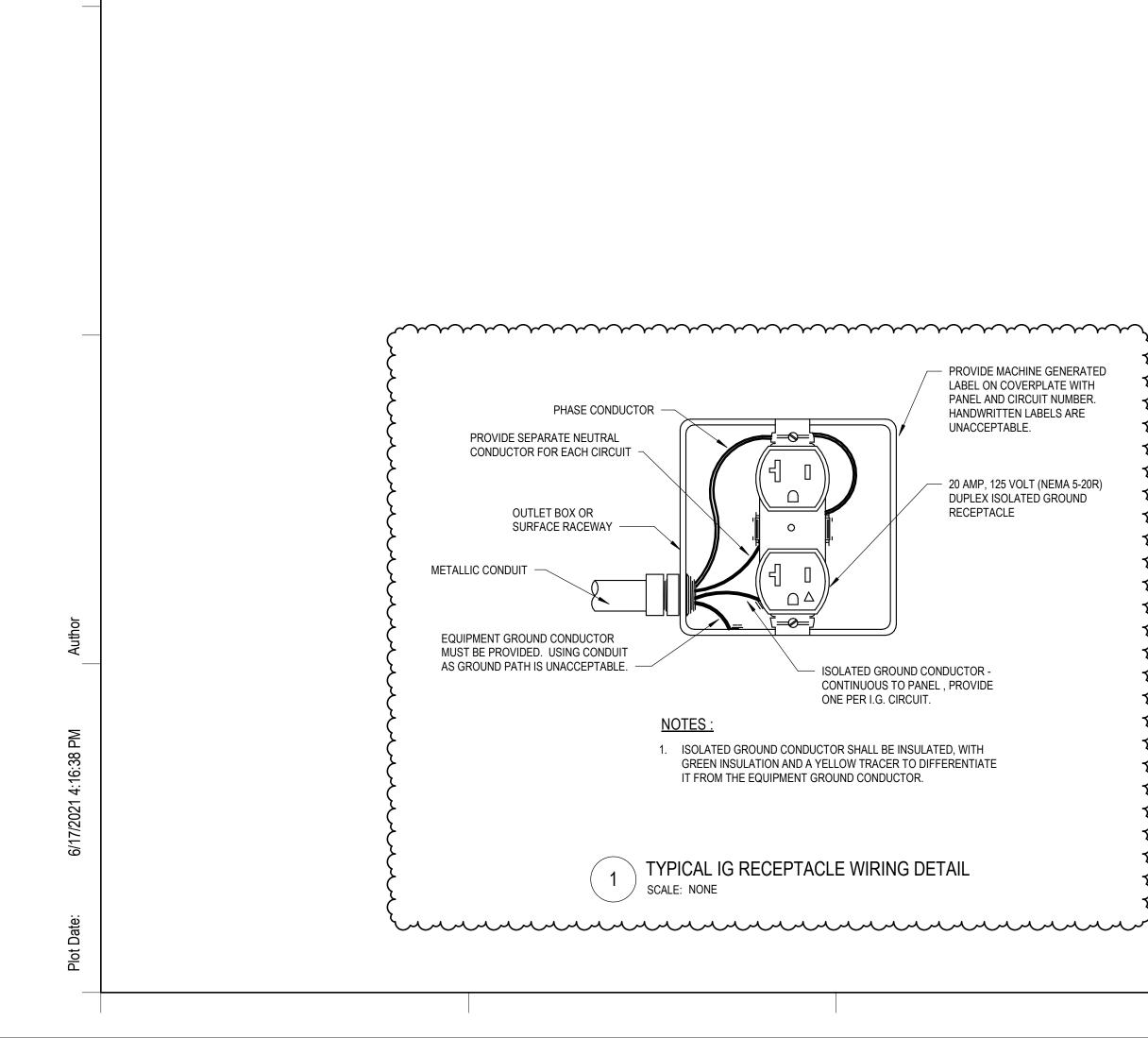


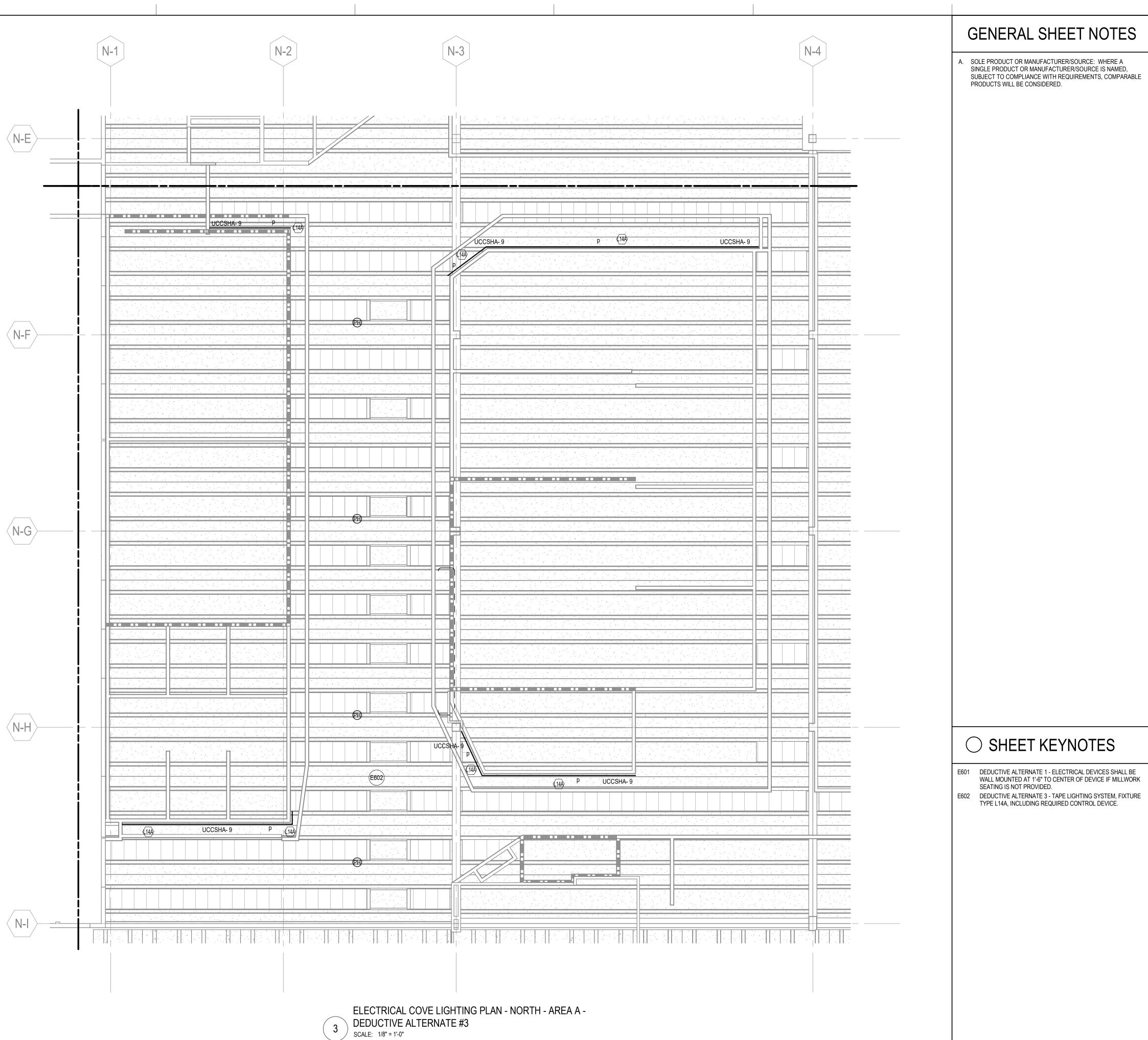
- A. SEE DRAWING E0.01 FOR ABBREVIATIONS, SYMBOLS, GENERALNOTES AND DEVICE MOUNTING HEIGHT OF WALL MOUNTED DEVICES, UON.
- B. SOLE PRODUCT OR MANUFACTURER/SOURCE: WHERE A SINGLE PRODUCT OR MANUFACTURER/SOURCE IS NAMED, SUBJECT TO COMPLIANCE WITH REQUIREMENTS, COMPARABLE PRODUCTS WILL BE CONSIDERED.
- . SEE T AND Y SERIES PLANS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- 0. COORDINATE ALL DEVICE LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN.
- . THE CONTRACTOR SHALL COORDINATE EXACT LOCATION OF EQUIPMENT POWER CONNECTIONS WITH EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING ANY REQUIRED TRANSFORMER/POWER SUPPLIES FOR DOOR HARDWARE. COORDINATE WITH ARCHITECTURAL AND SECURITY DRAWINGS FOR DOOR HARDWARE. PROVIDE 120V POWER AS REQUIRED.
- B. PROVIDE WIRING METHODS COMPLIANT WITH UL 2196 STANDARD FOR FIRE RESISTIVE CABLING.
- H. VOLTAGE DROP SHALL BE LIMITED TO LESS THAN 3% FOR ALL BRANCH CIRCUITS AND 2% FOR ALL FEEDERS.
- X-RAY EXISTING FLOORS TO COORDINATE ALL WIRING DEVICE AND CORE DRILL LOCATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH IN. LOCATION TO BE DETERMINED IN CONJUNCTION WITH FURNITURE SELECTION.
- CONTRACTOR SHALL COORDINATE AND FIELD VERIFY REQUIREMENT OF NEUTRAL CONDUCTOR FOR ALL EQUIPMENT AND PROVIDE NEUTRAL CONDUCTOR AS NECESSARY.
- K. FOR WORKSTATION CIRCUITS SHARING A NEUTRAL, PROVIDE MULTI POLE CIRCUIT BREAKER. TIE DEVICES ARE NOT ACCEPTABLE. TRIPPING OF GFCI RECEPTACLES SHALL NOT AFFECT THE
- DOWNSTREAM RECEPTACLES. M. NO MORE THAN 3 CIRCUITS MAY SHARE A HOMERUN. CIRCUITS SHALL BE CONFIGURED WITH DEDICATED NEUTRAL
- CONDUCTORS. N. CIRCUITS FEEDING AV EQUIPMENT SHALL SHARE SAME PHASE.
- D. ALL UNUSED WALL OUTLETS TO BE COVERED WITH BLANK PLATE. ALL BLANK PLATE COLORS TO MATCH WALL COLOR.
- P. SEE ANY COMMUNICATIONS PATHWAY PLAN AND AV DRAWINGS, FOR ADDITIONAL CONDUIT TO BE PROVIDED BY ELECTRICAL CONTRACTOR.
- Q. ALL CONDUIT ROUTED WITHIN SLAB SHALL COMPLY WITH GUIDELINES LISTED IN STRUCTURAL DRAWINGS.
- R. CONTRACTOR TO ROUTE ALL SPRINKLER PIPES THAT ENTER ELECTRICAL ROOMS IN ACCORDANCE WITH NEC 110.26.
- OPEN CEILING AREAS ARE CONSIDERED PART OF THE ARCHITECTURAL DESIGN ELEMENT. COORDINATE ROUTING AND MOUNTING OF ANY CONDUIT, CABLING OR DEVICES WITH ARCHITECT PRIOR TO INSTALLATION.

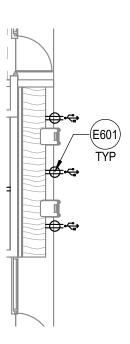
◯ SHEET KEYNOTES

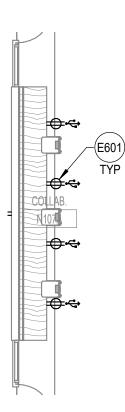
 DUPLEX RECEPTACLE, CHIEF #PAC525FCW-PAC525P2-KIT, OR EQUAL. MOUNT @ 1'-6" AFF TO BOTTOM OF BOX. PROVIDE (2) 2" CONDUITS FROM RECESSED BOX TO ACCESSIBLE CEILING SPACE. FLOOR BOX TYPE 'FB' IS SELECTED BY DIV 27 CONSULTANT, SHEET SERIES T. ELECTRICAL CONTRACTOR SHALL PROVIDE FLOOR BOXES PER DIV 27 CONSULTANT SELECTIONS. (#) INDICATES REQUIRED QUANTITY OF 5-20R RECEPTACLES. PROVIDE SURFACE MOUNTED DUAL CHANNEL, NONMETALLIC RACEWAY, LEGRAND 5400 SERIES, OR EQUAL. RACEWAY SHALL BE CONFIGURED WITH 5-20R RECEPTACLES SPACED @ 24" ON CENTER, FACTORY PRE-WIRED WITH DEDICATED NEUTRALS, LABELED AND ASSEMBLED. MOUNT @ 40" AFF TO BOTTOM OF RACEWAY. REFER TO GENERAL NOTES, SHEET E0.1, FOR ADDITIONAL INFORMATION. PROVIDE 4"X24" COPPER GROUND BAR, STORM POWER COMPONENTS #SCGB-12KT / COVER-375-24, OR EQUAL. INSTALL PROVIDED MOUNTED BRACKETS, ISOLATORS AND COVER PER MANUFACTURER SPECIFICATIONS. MOUNT @ 96" AFF TO MIDDLE OF GROUND BAR. PROVIDE INSULATED #4 COPPER GROUND CONDUCTOR AND BOND TO GROUNDING ELECTRODE SYSTEM. ELECTRICAL CONTRACTOR SHALL PROVIDE #6 GROUND CONDUCTOR FROM GROUND BAR TO ESD MITIGATION DEVICES AND ROOM FIXTURES (PROVIDE DY OTHERS) AS SPECIFIED BY EQUIPMENT MANUFACTURER 		
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 RACEWAY, LEGRAND 5400 SERIES, OR EQUAL. RACEWAY SHALL BE CONFIGURED WITH 5-20R RECEPTACLES SPACED @ 24" ON CENTER, FACTORY PRE-WIRED WITH DEDICATED NEUTRALS, LABELED AND ASSEMBLED. MOUNT @ 40" AFF TO BOTTOM OF RACEWAY. REFER TO GENERAL NOTES, SHEET E0.1, FOR ADDITIONAL INFORMATION. PROVIDE 4"X24" COPPER GROUND BAR, STORM POWER COMPONENTS #SCGB-12KT / COVER-375-24, OR EQUAL. INSTALL PROVIDED MOUNTED BRACKETS, ISOLATORS AND COVER PER MANUFACTURER SPECIFICATIONS. MOUNT @ 96" AFF TO MIDDLE OF GROUND BAR. PROVIDE INSULATED #4 COPPER GROUND CONDUCTOR AND BOND TO GROUNDING ELECTRODE SYSTEM. ELECTRICAL CONTRACTOR SHALL PROVIDE #6 GROUND CONDUCTOR FROM GROUND BAR TO ESD MITIGATION DEVICES AND ROOM FIXTURES (PROVIDED BY OTHERS) AS SPECIFIED BY EQUIPMENT MANUFACTURER POWER TO SYSTEMS FURNITURE DEVICES SHALL BE FED FROM WALL. COORDINATE POINT OF ENTRY AND BRANCH CIRCUITING ROUTING WITH FURNITURE PROVIDE/INSTALLER 	203	SHEET SERIES T. ELECTRICAL CONTRACTOR SHALL PROVIDE FLOOR BOXES PER DIV 27 CONSULTANT SELECTIONS. (#)
COMPONENTS #SCGB-12KT / COVER-375-24, OR EQUAL. INSTALL PROVIDED MOUNTED BRACKETS, ISOLATORS AND COVER PER MANUFACTURER SPECIFICATIONS. MOUNT @ 96" AFF TO MIDDLE OF GROUND BAR. PROVIDE INSULATED #4 COPPER GROUND CONDUCTOR AND BOND TO GROUNDING ELECTRODE SYSTEM. 206 ELECTRICAL CONTRACTOR SHALL PROVIDE #6 GROUND CONDUCTOR FROM GROUND BAR TO ESD MITIGATION DEVICES AND ROOM FIXTURES (PROVIDED BY OTHERS) AS SPECIFIED BY EQUIPMENT MANUFACTURER POWER TO SYSTEMS FURNITURE DEVICES SHALL BE FED FROM WALL. COORDINATE POINT OF ENTRY AND BRANCH CIRCUITING ROUTING WITH FURNITURE PROVIDER/INSTALLER	204	RACEWAY, LEGRAND 5400 SERIES, OR EQUAL. RACEWAY SHALL BE CONFIGURED WITH 5-20R RECEPTACLES SPACED @ 24" ON CENTER, FACTORY PRE-WIRED WITH DEDICATED NEUTRALS, LABELED AND ASSEMBLED. MOUNT @ 40" AFF TO BOTTOM OF RACEWAY. REFER TO GENERAL NOTES, SHEET
CONDUCTOR FROM GROUND BAR TO ESD MITIGATION DEVICES AND ROOM FIXTURES (PROVIDED BY OTHERS) AS SPECIFIED BY EQUIPMENT MANUFACTURER POWER TO SYSTEMS FURNITURE DEVICES SHALL BE FED FROM WALL. COORDINATE POINT OF ENTRY AND BRANCH CIRCUITING ROUTING WITH FURNITURE PROVIDER/INSTALLER	205	COMPONENTS #SCGB-12KT / COVER-375-24, OR EQUAL. INSTALL PROVIDED MOUNTED BRACKETS, ISOLATORS AND COVER PER MANUFACTURER SPECIFICATIONS. MOUNT @ 96" AFF TO MIDDLE OF GROUND BAR. PROVIDE INSULATED #4 COPPER GROUND CONDUCTOR AND BOND TO GROUNDING
228 POWER TO SYSTEMS FURNITURE DEVICES SHALL BE FED FROM WALL. COORDINATE POINT OF ENTRY AND BRANCH CIRCUITING ROUTING WITH FURNITURE PROVIDER/INSTALLER	206	CONDUCTOR FROM GROUND BAR TO ESD MITIGATION DEVICES AND ROOM FIXTURES (PROVIDED BY OTHERS) AS
	228	POWER TO SYSTEMS FURNITURE DEVICES SHALL BE FED FROM WALL. COORDINATE POINT OF ENTRY AND BRANCH CIRCUITING ROUTING WITH FURNITURE PROVIDER/INSTALLER



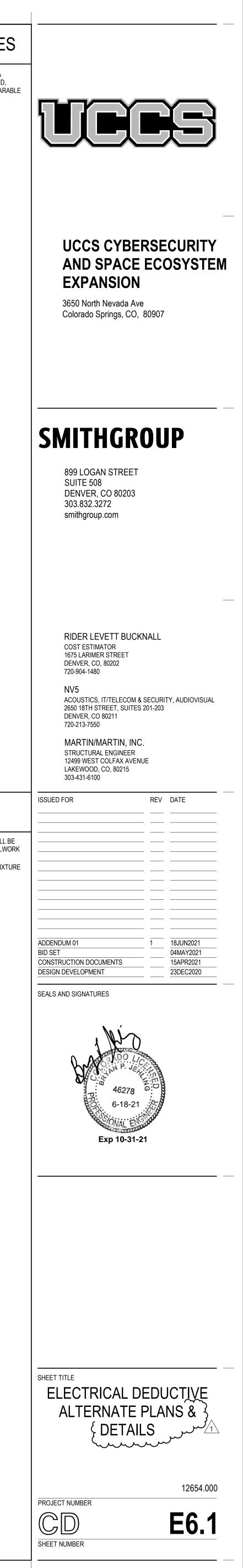








1B COLLAB N107A - DEDUCTIVE ALTERNATE #1 SCALE: 1/8" = 1'-0"



Lighting Inverter: U-INV

Sı

Location:	ELEC. N140
upply From:	UCCSHA
Mounting:	FLOOR
Enclosure:	

Volts: 277 Phases: 1 **Wires:** 2

СКТ	Circuit Description	# of Poles	Frame Size
1	LTG EMERGENCY EGRESS UCCS NORTH	1	20 A
2	LTG EMERGENCY EGRESS UCCS SOUTH	1	20 A
3	SPARE	1	
4	NON USABLE SPACE		
5	NON USABLE SPACE		
6	NON USABLE SPACE		
7	NON USABLE SPACE		
8	NON USABLE SPACE		
9	NON USABLE SPACE		
10	NON USABLE SPACE		
11	NON USABLE SPACE		
12	NON USABLE SPACE		
13	NON USABLE SPACE		
14	NON USABLE SPACE		

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel	Totals
Lighting	3682 VA	125.00%	4602 VA		
				Total Conn. Load:	3682 VA
				Total Est. Demand:	4602 VA
				Total Conn.:	13 A
				Total Est. Demand:	17 A
Notos:					

Notes: MYERS ILLUMINATOR SUPERNOVA 3.75kVA EMERGENCY LIGHTING INVERTER, OR EQUAL.

	Panelboard: ISAC Location: ELEC. S10 Supply From: MSB-SOUT Mounting: Surface Enclosure: Type 1	5			I	Volts: Phases: Wires:		A.I.C. Rating: REFER TO FAULT CALCULATIONS Mains Type: MLO Bus Rating: 400 A					
скт	Circuit Description	Trip	Poles	A (VA)	A) B (VA)		C (VA)		Poles	Trip	Circuit Description	ск
1	LTG ISAC SOUTH	20 A	1	1333	807	- 、	,	- (,	1	20 A	EMERGENCY LTG INVERTER I-INV	2
3	LTG ISAC NORTH	20 A	1			858	0			1	20 A	SPARE	4
5	SPACE							0	0	1	20 A	SPARE	6
7	SPACE			0	0					1	20 A	SPARE	8
9	SPACE					0	0			1	20 A	SPARE	10
11	SPACE							0	0			SPACE	12
13	SPACE			0	0							SPACE	14
15	SPACE					0	0					SPACE	16
17	SPACE							0	0			SPACE	18
19	SPACE			0	0							SPACE	20
21	SPACE					0	0					SPACE	22
23	WH-1	70 A	1					16066	0			SPACE	24
25				7908	388								26
27	A) CRAC-1 DATA/SERVER S103	70 A	3			7908	388			3	20 A	A) CU-4	28
29								7908	388	-			30
31				7908	388								32
33	A) CRAC-2 DATA/SERVER S103	70 A	3			7908	388			3	20 A	A) CU-5	34
35								7908	388				36
37				13400	14140								38
39	T-ISAC-LA/WA	110 A	3			12970	15720			3	110 A	T-ISAC-SA	40
41								10930	14140				42
		Tot	al Load:	4627	2 VA	4614	0 VA	5772	8 VA				
		Tota	I Amps:	16	7 A	16	7 A	208	3 A	_			
Load Classification Connected Loa				nand Fa			ated De			Panel Totals			
_ighting	9		2997 VA			125.00%			3746 VA				
Power			75196 VA			100.00%			75196 V/			Total Conn. Load: 150140 VA	
Recept			21420 VA			73.34%			5710 V/			Total Est. Demand: 151110 VA	
Mechar	nical Equipment		50527 VA	4		111.74%	1	5	6458 V/	4		Total Conn.: 181 A	
												Total Est. Demand: 182 A	

Notes: A) CRAC-1 / 2 AND CU-4 / 5 ARE NON SIMULTANEOUS LOADS. EACH PAIR OF NON SIMULATANEOUS UNITS ARE SHOWN AT 50% OF EQUIPMENT LOAD FOR CALCULATION PURPOSES.

Location: ELEC. S105 Supply From: T-ISAC-LA/WA Mounting: Surface Enclosure: Type 1		A			I	Volts: Phases: Wires:		-	UND			A.I.C. Rating: REFER TO FAULT CALCULATI Mains Type: MCB/FTL Mains Rating: 125 A MCB Rating: 125 A	IONS
скт	Circuit Description	Trip	Poles		A		3	C	2	Poles	Trip	Circuit Description	СКТ
	RCPT SYS FURN WATCH CENTER S107 W	20 A	1	360	540				-	1	•	RCPT CVL VESTIBULE S102A	2
3	IG RCPT SYS FURN WATCH CENTER S107 W	20 A	1			500	610			1	20 A	RCPT CYBER VULNERABILITY LAB S102 N	4
5	IG RCPT SYS FURN WATCH CENTER S107 W	20 A	1					500	1200	1	20 A	RCPT SERVER CABINET CVL S102 S	6
7	RCPT SYS FURN WATCH CENTER S107 W	20 A	1	360	1040					•			8
9	RCPT SYS FURN WATCH CENTER S107 CNTR	20 A	1			360	1040			2	30 A	RCPT SERVER CABINET CVL S102 S	10
11	IG RCPT SYS FURN WATCH CENTER S107	20 A	1					500	1200	1	20 A	RCPT SERVER CABINET CVL S102 N	12
13	IG RCPT SYS FURN WATCH CENTER S107	20 A	1	500	1040					2	20.4		14
15	RCPT SYS FURN WATCH CENTER S107 CNTR	20 A	1			360	1040			2	30 A	RCPT SERVER CABINET CVL S102 N	16
17	RCPT SYS FURN WATCH CENTER S107 CNTR	20 A	1					360	1080	1	20 A	RCPT RACEWAY CVL S102 S	18
19	IG RCPT SYS FURN WATCH CENTER S107	20 A	1	500	1080					1	20 A	RCPT RACEWAY CVL S102 S	20
21	IG RCPT SYS FURN WATCH CENTER S107	20 A	1			500	1080			1	20 A	RCPT RACEWAY CVL S102 S	22
23	RCPT SYS FURN WATCH CENTER S107 CNTR	20 A	1					360	1080	1	20 A	RCPT RACEWAY CVL S102 N	24
25	RCPT SYS FURN WATCH CENTER S107 E	20 A	1	360	1080					1	20 A	RCPT RACEWAY CVL S102 N	26
27	IG RCPT SYS FURN WATCH CENTER S107 E	20 A	1			500	1080			1	20 A	RCPT RACEWAY CVL S102 N	28
29	IG RCPT SYS FURN WATCH CENTER S107 E	20 A	1					500	1440	1	20 A	RCPT RACEWAY CVL S102 E	30
31	RCPT SYS FURN WATCH CENTER S107 E	20 A	1	360	1440					1	20 A	RCPT RACEWAY CVL S102 E	32
33	RCPT SYS FURN WATCH CENTER S107 E	20 A	1			360	0			1	20 A	SPARE	34
35	IG RCPT SYS FURN WATCH CENTER S107 E	20 A	1					500	0	1	20 A	SPARE	36
37	IG RCPT SYS FURN WATCH CENTER S107 E	20 A	1	500	0					1	20 A	SPARE	38
39	RCPT SYS FURN WATCH CENTER S107 E	20 A	1			360	0			1	20 A	SPARE	40
41	RCPT FLOOR BOX WATCH CENTER S107	20 A	1					500	0	1	20 A	SPARE	42
43	RCPT FLOOR BOX WATCH CENTER S107	20 A	1	500	0						-	SPACE	44
45	RCPT FLOOR BOX WATCH CENTER S107	20 A	1			500	0					SPACE	46
47	RECEPTACLE WATCH CENTER S107	20 A	1					540	0			SPACE	48
49	RECEPTACLE WATCH CENTER S107	20 A	1	900	0							SPACE	50
51	CU-4, 5 CONTROL	20 A	1			300	0					SPACE	52
53	CRAC-1, 2 CONTROL	20 A	1					300	0			SPACE	54
			l Load: Amps:		30 VA D A	859) 72	O VA	1006 86	O VA				
oad Cl	lassification	Conr	nected I	oad	Den	nand Fa	ctor	Estim	ated De	mand		Panel Totals	
Recepta	acle	1	5300 V/	4		82.68%		-	12650 VA	4			
Power		1	3910 V/	4		100.00%			13910 VA	4		Total Conn. Load: 29210 VA	
												Total Est. Demand: 26560 VA	
												Total Conn.: 81 A	
												Total Est. Demand: 74 A	

A.I.C. Rating: 65,000 Mains Type: MCB Mains Rating: MCB Rating: 20 A Trip Rating 20 A 20 A 20 A -- Load Remarks 1294 VA 2388 VA 0 VA 0 VA -- 0 VA Total Amps: 13 A

Lighting Inverter: I-INV

	Location: ELEC. S1	05	Volts: 277			A.I.C. Rating:	65,000	
	Supply From: ISACHA		Phases: 1			Mains Type:	MCB	
	Mounting: WALL		Wires: 2			Mains Rating:		
	Enclosure:					MCB Rating:	20 A	
СКТ	Circuit D	escription	# of Poles	Frame Size	Trip Rating	Load	Remark	ks
1	LTG EMERGENCY EGRESS SPACE IS	SAC	1	20 A	20 A	807 VA		
2	SPARE		1		20 A	0 VA		
3	NON USABLE SPACE					0 VA		
4	NON USABLE SPACE					0 VA		
5	NON USABLE SPACE					0 VA		
6	NON USABLE SPACE					0 VA		
7	NON USABLE SPACE					0 VA		
8	NON USABLE SPACE					0 VA		
9	NON USABLE SPACE					0 VA		
10	NON USABLE SPACE					0 VA		
11	NON USABLE SPACE					0 VA		
12	NON USABLE SPACE					0 VA		
13	NON USABLE SPACE					0 VA		
14	NON USABLE SPACE					0 VA		
				Тс	otal Conn. Load:	807 VA		
					Total Amps:	3 A		
					•			
Load Clas	sification	Connected Load	Demand Factor	Estimated De	mand		Panel	Totals
Lighting		807 VA	125.00%	1008 VA				
						Total Con	n. Load:	807 VA
						Total Est. D	Demand:	1008 VA
							l Conn.:	

Load Classification	Connected Load	Demand Factor
Lighting	807 VA	125.00%

Notes: MYERS ILLUMINATOR EM 1.6kVA EMERGENCY LIGHTING INVERTER, OR EQUAL.

	Location: DATA/SERVE Supply From: T-ISAC-SA Mounting: Surface Enclosure: Type 1				Volts: Phases: Wires:		20		A.I.C. Rating: REFER TO FAULT CALCULATIONS Mains Type: MCB Mains Rating: 200 A MCB Rating: 200 A					
СКТ		Trip	Poles	A		1	B	(Poles	Trip	Circuit De	escription	CK
1	RCPT DATA/SERVER S103 S, W	20 A	1	540	0	E 40	0			1		SPARE		2
3	RCPT DATA/SERVER S103 W, N SECURITY CABINET DATA/SERVER S103	20 A 20 A	1			540	0	1000	0	1	20 A	SPARE SPARE		4
5 7	SECORITY CABINET DATA/SERVER ST03	20 A	I	1040	1040			1000	0	1	20 A	SPARE		8
9	RCPT DATA/SERVER S103 ROW 1	30 A	2	1040	1040	1040	1040			2	30 A	RCPT DATA/SERVER S ²	103 ROW 1	10
<u> </u>						1040	1040	1040	1040					12
13	RCPT DATA/SERVER S103 ROW 1	30 A	2	1040	1040			1040	1040	2	30 A	RCPT DATA/SERVER S	103 ROW 2	14
15				1040	1040	1040	1040							14
17	RCPT DATA/SERVER S103 ROW 1	30 A	2			1040	1040	1040	1040	2	30 A	RCPT DATA/SERVER S	103 ROW 2	18
19				1040	1040			1040	1040					20
21	RCPT DATA/SERVER S103 ROW 1	30 A	2	1040	1040	1040	1040			2	30 A	RCPT DATA/SERVER S	103 ROW 2	20
23						1040	1040	1040	1040					24
25	RCPT DATA/SERVER S103 ROW 1	30 A	2	1040	1040			1040	1040	2	30 A	RCPT DATA/SERVER S	103 ROW 2	24
27				1040	1040	1040	1040							28
29	RCPT DATA/SERVER S103 ROW 1	30 A	2			1040	1040	1040	1040	2	30 A	RCPT DATA/SERVER S	103 ROW 2	30
31				1040	1040			1040	1040					32
33	RCPT DATA/SERVER S103 ROW 1	30 A	2	1040	1040	1040	1040			2	30 A	RCPT DATA/SERVER S	103 ROW 2	34
35	RCPT DATA/SERVER S103 ROW 2	20 A	1			1040	1040	1600	1600	1	20 A	RCPT DATA/SERVER S ²	103 ROW 2	36
37	RCPT DATA/SERVER S103 ROW 2	20 A	1	1600	1600			1000	1000	1	20 A	RCPT DATA/SERVER S		38
39	RCPT DATA/SERVER S103 ROW 2	20 A	1	1000	1000	1600	1600			1	20 A			40
41	RCPT DATA/SERVER S103 ROW 2	20 A	1			1000	1000	1600	1600	1	20 A	RCPT DATA/SERVER S		40
43	SPARE	20 A	1	0	0			1000	1000	1	20 A		103 1100 12	42
45	SPACE	20 A		0	0	0	0					SPACE		44
47	SPACE					0	0	0	0			SPACE		48
49	SPACE			0	0			0	0			SPACE		50
51	SPACE			U	0	0	0					SPACE		52
53	SPACE					0	0	0	0			SPACE		54
00		Tot	al Load:	1414	0 \/A	1414	lo VA		20 VA			OFROE		01
			I Amps:	118			8 A		1 A					
	lassification		nected I			nand Fa			nated De			Panel	Totals	
ecepta	acle		1080 VA			100.00%			1080 VA					
ower		4	42920 V/	4		100.00%)	4	42920 V	4		Total Conn. Load:		
												Total Est. Demand:		
												Total Conn.:		
												Total Est. Demand:	122 A	

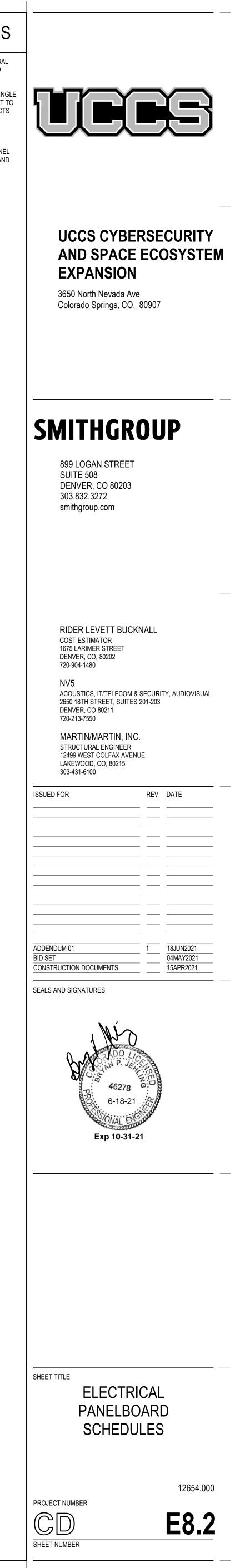
	Location: ELEC. S105 Supply From: T-ISAC-LA/WA Mounting: Surface Enclosure: Type 1					Volts: Phases: Wires:	-	20				A.I.C. Rating: REFER TO FAULT CALC Mains Type: MCB Mains Rating: 125 A MCB Rating: 125 A	JLATIONS
скт	Circuit Description	Trip	Poles		4	E	3		C	Poles	Trip	Circuit Description	ск
1	RCPT SMALL CONFERENCE S101A N, S	20 A	1	900	750					1	20 A	VAV-ZONE-ISAC	2
3	RCPT CONFERENCE S101A	20 A	1			1110	180			1	20 A	RCPT ROOFTOP SERVICE	4
5	RCPT SPACE ISAC RECEPTION S101	20 A	1					1220	0	1	20 A	SPARE	6
7	RCPT SPACE ISAC RECEPTION S101	20 A	1	970	0					1	20 A	SPARE	8
9	RCPT OFFICE S108D, S108E	20 A	1			1120	0			1	20 A	SPARE	10
11	RCPT OFFICE S108C, S108B	20 A	1					1120	0	1	20 A	SPARE	12
13	RCPT CIRCULATION S108 S109	20 A	1	720	0					1	20 A	SPARE	14
15	SPARE	20 A	1			0	0					SPACE	16
17	SPARE	20 A	1					0	0			SPACE	18
19	SPARE	20 A	1	0	0							SPACE	20
21	SPARE	20 A	1			0	0				-	SPACE	22
23	SPARE	20 A	1					0	0			SPACE	24
25	SPACE			0	0							SPACE	26
27	SPACE					0	0					SPACE	28
29	SPACE							0	0			SPACE	30
31	SPACE			0	0							SPACE	32
33	SPACE					0	0					SPACE	34
35	SPACE							0	0			SPACE	36
37	SPACE			0	0							SPACE	38
39	SPACE					0	0					SPACE	40
41	SPACE							0	0			SPACE	42
			al Load: I Amps:		0 VA 3 A		2410 VA 20 A		2340 VA 20 A				
Load C	Classification	Con	nected L	.oad	Der	mand Fac	ctor	Estim	nated De	emand		Panel Totals	
Recept	acle		5040 VA			100.00%			5040 VA				
Power			2300 VA			100.00%			2300 VA			Total Conn. Load: 8090 VA	
Mechai	nical Equipment		750 VA			125.00%			938 VA			Total Est. Demand: 8278 VA	
												Total Conn.: 22 A	
												Total Est. Demand: 23 A	
Notes:													

Total Est. Demand: 4 A

GENERAL SHEET NOTES

- A. SEE DRAWING E0.1 FOR ABBREVIATIONS, SYMBOLS, GENERAL NOTES AND DEVICE MOUNTING HEIGHT OF WALL MOUNTED DEVICES, UON.
- B. SOLE PRODUCT OR MANUFACTURER/SOURCE: WHERE A SINGLE PRODUCT OR MANUFACTURER/SOURCE IS NAMED, SUBJECT TO COMPLIANCE WITH REQUIREMENTS, COMPARABLE PRODUCTS WILL BE CONSIDERED.
- SEE DRAWING SERIES E5 FOR POWER RISER DIAGRAM.

PROVIDE PERMANENT PANEL NAMEPLATES AND TYPED PANEL SCHEDULES AFTER ALL WORK IS COMPLETE. SCHEDULES AND NAMEPLATES MUST MATCH PANEL INFORMATION, CIRCUIT BREAKERS, AND CONNECTED LOADS.



						TECHNOLOGY J	UNCTION BOX LEGEND			
T` SYM	YPE STYLE	FUNCTION	ENCLOS LENGTH	SURE DIMEN	NSIONS DEPTH	ENCLOSURE DESCRIPTION	ENCLOSURE MAKE & MODEL	MOUNTING STYLE	REFERENCE DETAIL	LEGEND NOTES
FB1	FLOOR	FLOOR BOX W/ AV, TELECOM AND POWER	11 5/16"	15 1/8"	4 1/16"	FLOOR BOX	WIREMOLD EFB6S-OG, OR APPROVED EQUAL	FLUSH WITH FINISHED FLOOR	1/T9.1.1	A, B
FB2	FLOOR	FLOOR BOX W/ TELECOM AND POWER	11 5/16"	15 1/8"	4 1/16"	FLOOR BOX	WIREMOLD EFB6S-OG, OR APPROVED EQUAL	FLUSH WITH FINISHED FLOOR	1/T9.2.1	A, B
FB3		FLOOR BOX W/ AV, TELECOM AND POWER	11 5/16"	15 1/8"	4 1/16"	FLOOR BOX	WIREMOLD EFB6S-OG, OR APPROVED EQUAL	FLUSH WITH FINISHED FLOOR	4/T9.1.1	A, B
A FS2	FLOOR	FLOOR CONDUIT STUB	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	<u>11/4</u> "	~~~3"~~~~	CONDUIT STUB UNDER FURNITURE	MA ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	STUB TO 3" ABOVE FINISHED FLOOR	<u> </u>	- A MANA
21 FS3	, FLOOR	FLOOR CONDUIT STUB	ىلىد "144 بى بى ب	ــــــــــــــــــــــــــــــــــــــ	3"	CONDUIT STUB UNDER FURNITURE		STUB TO 3" ABOVE FINISHED FLOOR		Ann
J1		FLAT PANEL DISPLAY BOX W/ AV, TELECOM AND POWER	7 3/8"	10 15/16"	3 9/16"	FLAT PANEL DISPLAY BOX	FSR PWB-100, OR APPROVED EQUAL	FLUSH MOUNTED (UON) - REFER TO ROOM DISPLAY SCHEDULE AND ELEVATIONS	2, 3/T9.1.1	С, В
J2	WALL	TOUCH PANEL	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/ RAISED TWO-DEVICE COVER	RACO 258, 259 OR 265, OR APPROVED EQUAL	PER PROJECT STANDARD SWITCH HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS	-	-
J3	WALL	PROJECTION SCREEN CONTROL SWITCH (SINGLE)	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/ RAISED SINGLE-DEVICE COVER	RACO 258, 259 OR 265, OR APPROVED EQUAL	PER PROJECT STANDARD SWITCH HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS	-	F
J5	WALL	CAMERA PULL BOX	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/ FLAT COVER	RACO 258, 259 OR 265, OR APPROVED EQUAL	96" AFF - FLUSH MOUNTED (UON)	-	-
J6	WALL	EQUIPMENT RACK PULL BOX	4 11/16"	10 7/16"	2 1/2"	PULL BOX W/ FLAT COVER	RACO 943, OR APPROVED EQUAL	18" AFF - FLUSH MOUNTED (UON)	-	-
J7	WALL	AV VIDEO WALL PULL BOX	4 1/2"	8 5/8"	2 1/2"	PULL BOX W/ FLAT COVER	RACO 942, OR APPROVED EQUAL	156" AFF - FLUSH MOUNTED (UON)	-	-
J9	WALL	AV I/O PANEL	4 1/2"	8 5/8"	3 1/2"	PULL BOX W/ RAISED THREE-DEVICE COVER - DEEP	RACO 697, OR APPROVED EQUAL	18" AFF - FLUSH	-	-
J10	WALL	AV I/O PANEL	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/ RAISED SINGLE-DEVICE COVER	RACO 258, 259 OR 265, OR APPROVED EQUAL	18" AFF - FLUSH	-	-
			4 11/16"	4.44/40	0.4/01	PULL BOX W/ RAISED TWO-DEVICE COVER		FLUSH MOUNTED TO CEILING		F 1
J21	CEILING	VIDEO PROJECTOR PULL BOX	4 11/10	4 11/16"	2 1/8"	FULL BOX W/ RAISED TWO-DEVICE COVER	RACO 258, 259 OR 265, OR APPROVED EQUAL	FLOSH MOUNTED TO CEILING	-	E, I
						TECHNOLOGY TELEC	OM JUNCTION BOX LEG	SEND	REFERENCE	
	CEILING YPE STYLE	VIDEO PROJECTOR PULL BOX		4 11/16" SURE DIMEN WIDTH					REFERENCE DETAIL	LEGEND NOTES
T`	YPE STYLE		ENCLOS		NSIONS	TECHNOLOGY TELEC	OM JUNCTION BOX LEG	SEND		
T` SYM	YPE STYLE FLOOR	FUNCTION	ENCLOS LENGTH	SURE DIMEN WIDTH	NSIONS	TECHNOLOGY TELEC ENCLOSURE DESCRIPTION	OM JUNCTION BOX LEG	SEND MOUNTING STYLE	DETAIL	LEGEND NOTES
T` SYM N1	YPE STYLE FLOOR WALL	FUNCTION TELECOM OUTLET - FLOOR	ENCLOS LENGTH	SURE DIMEN WIDTH -	NSIONS DEPTH - -	TECHNOLOGY TELEC ENCLOSURE DESCRIPTION FLOOR BOX INDICATED BY BOX NUMBER	OM JUNCTION BOX LEG	SEND MOUNTING STYLE INSTALL IN FLOOR BOX PER MFR DIRECTIONS, OR FURNITURE FEED WHERE INDICATED ON PLAN	DETAIL 1,4/T9.1.1, 1/T9.2.1	LEGEND NOTES A, B, J
T` SYM N1 N2	YPE STYLE FLOOR WALL WALL	FUNCTION TELECOM OUTLET - FLOOR TELECOM OUTLET - FLAT PANEL DISPLAY	ENCLOS LENGTH -	SURE DIMEN WIDTH - -	NSIONS DEPTH - -	TECHNOLOGY TELEC ENCLOSURE DESCRIPTION FLOOR BOX INDICATED BY BOX NUMBER WALL BOX INDICATED BY BOX NUMBER	OM JUNCTION BOX LEG ENCLOSURE MAKE & MODEL	BEND MOUNTING STYLE INSTALL IN FLOOR BOX PER MFR DIRECTIONS, OR FURNITURE FEED WHERE INDICATED ON PLAN INSTALL IN FLAT PANEL DISPLAY BOX PER MFR DIRECTIONS	DETAIL 1,4/T9.1.1, 1/T9.2.1	LEGEND NOTES A, B, J
T` SYM N1 N2 N3	YPE STYLE FLOOR WALL WALL WALL	FUNCTION TELECOM OUTLET - FLOOR TELECOM OUTLET - FLAT PANEL DISPLAY TELECOM OUTLET - AV EQUIPMENT RACK	ENCLOS LENGTH - - 4 11/16"	SURE DIMEN WIDTH - - 4 11/16"	NSIONS DEPTH - -	TECHNOLOGY TELEC ENCLOSURE DESCRIPTION FLOOR BOX INDICATED BY BOX NUMBER WALL BOX INDICATED BY BOX NUMBER PULL BOX W/ RAISED SINGLE-DEVICE COVER	OM JUNCTION BOX LEG ENCLOSURE MAKE & MODEL - COORDINATE W/ ASSOCIATED FLAT PANEL DISPLAY BOX RACO 258, 259 OR 265, OR APPROVED EQUAL	BEND MOUNTING STYLE INSTALL IN FLOOR BOX PER MFR DIRECTIONS, OR FURNITURE FEED WHERE INDICATED ON PLAN INSTALL IN FLAT PANEL DISPLAY BOX PER MFR DIRECTIONS	DETAIL 1,4/T9.1.1, 1/T9.2.1	LEGEND NOTES A, B, J
T` SYM N1 N2 N3 N4	YPE STYLE FLOOR WALL WALL WALL WALL	FUNCTION TELECOM OUTLET - FLOOR TELECOM OUTLET - FLAT PANEL DISPLAY TELECOM OUTLET - AV EQUIPMENT RACK TELECOM CONNECTION - AV TOUCH PANEL	ENCLOS LENGTH - - 4 11/16" -	SURE DIMEN WIDTH - - 4 11/16" -	NSIONS DEPTH -	TECHNOLOGY TELEC ENCLOSURE DESCRIPTION FLOOR BOX INDICATED BY BOX NUMBER WALL BOX INDICATED BY BOX NUMBER PULL BOX W/ RAISED SINGLE-DEVICE COVER TERMINATED WHIP INSIDE AV J-BOX	OM JUNCTION BOX LEG ENCLOSURE MAKE & MODEL - COORDINATE W/ ASSOCIATED FLAT PANEL DISPLAY BOX RACO 258, 259 OR 265, OR APPROVED EQUAL WALL BOX INDICATED BY BOX NUMBER	SEND MOUNTING STYLE INSTALL IN FLOOR BOX PER MFR DIRECTIONS, OR FURNITURE FEED WHERE INDICATED ON PLAN INSTALL IN FLOOR BOX PER MFR DIRECTIONS, OR FURNITURE FEED WHERE INDICATED ON PLAN INSTALL IN FLAT PANEL DISPLAY BOX PER MFR DIRECTIONS PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS - -	DETAIL 1,4/T9.1.1, 1/T9.2.1 2, 3/T9.1.1 - -	LEGEND NOTES A, B, J C, J J J
T SYM N1 N2 N3 N4 N5	YPE STYLE FLOOR WALL WALL WALL WALL WALL	FUNCTION TELECOM OUTLET - FLOOR TELECOM OUTLET - FLAT PANEL DISPLAY TELECOM OUTLET - AV EQUIPMENT RACK TELECOM CONNECTION - AV TOUCH PANEL TELECOM OUTLET - STANDARD	ENCLOS LENGTH - - 4 11/16" - 4 11/16"	SURE DIMEN WIDTH - - 4 11/16" - 4 11/16"	NSIONS DEPTH - 2 1/8" - 2 1/8" 2 1/8"	TECHNOLOGY TELEC ENCLOSURE DESCRIPTION FLOOR BOX INDICATED BY BOX NUMBER WALL BOX INDICATED BY BOX NUMBER PULL BOX W/ RAISED SINGLE-DEVICE COVER TERMINATED WHIP INSIDE AV J-BOX PULL BOX W/ RAISED SINGLE-DEVICE COVER	OM JUNCTION BOX LEG ENCLOSURE MAKE & MODEL - COORDINATE W/ ASSOCIATED FLAT PANEL DISPLAY BOX RACO 258, 259 OR 265, OR APPROVED EQUAL WALL BOX INDICATED BY BOX NUMBER RACO 258, 259 OR 265, OR APPROVED EQUAL	SEND MOUNTING STYLE INSTALL IN FLOOR BOX PER MFR DIRECTIONS, OR FURNITURE FEED WHERE INDICATED ON PLAN INSTALL IN FLAT PANEL DISPLAY BOX PER MFR DIRECTIONS PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS - PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS	DETAIL 1,4/T9.1.1, 1/T9.2.1 2, 3/T9.1.1 - -	LEGEND NOTES A, B, J C, J J J
T SYM N1 N2 N3 N4 N5	YPE STYLE FLOOR WALL WALL WALL WALL WALL WALL	FUNCTION TELECOM OUTLET - FLOOR TELECOM OUTLET - FLAT PANEL DISPLAY TELECOM OUTLET - AV EQUIPMENT RACK TELECOM CONNECTION - AV TOUCH PANEL TELECOM OUTLET - STANDARD TELECOM OUTLET - ABOVE COUNTER	ENCLOS LENGTH 4 11/16" - 4 11/16" 4 11/16" 4 11/16"	SURE DIMEN WIDTH - - 4 11/16" - 4 11/16" 4 11/16"	NSIONS DEPTH - 2 1/8" - 2 1/8" 2 1/8" 2 1/8"	TECHNOLOGY TELEC ENCLOSURE DESCRIPTION FLOOR BOX INDICATED BY BOX NUMBER WALL BOX INDICATED BY BOX NUMBER PULL BOX W/ RAISED SINGLE-DEVICE COVER TERMINATED WHIP INSIDE AV J-BOX PULL BOX W/ RAISED SINGLE-DEVICE COVER PULL BOX W/ RAISED SINGLE-DEVICE COVER PULL BOX W/ RAISED SINGLE-DEVICE COVER	OM JUNCTION BOX LEG ENCLOSURE MAKE & MODEL - COORDINATE W/ ASSOCIATED FLAT PANEL DISPLAY BOX RACO 258, 259 OR 265, OR APPROVED EQUAL WALL BOX INDICATED BY BOX NUMBER RACO 258, 259 OR 265, OR APPROVED EQUAL RACO 258, 259 OR 265, OR APPROVED EQUAL	SEND MOUNTING STYLE INSTALL IN FLOOR BOX PER MFR DIRECTIONS, OR FURNITURE FEED WHERE INDICATED ON PLAN INSTALL IN FLAT PANEL DISPLAY BOX PER MFR DIRECTIONS PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS - PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS 6" ABOVE COUNTER - FLUSH, REFER TO ARCH. DRAWINGS	DETAIL 1,4/T9.1.1, 1/T9.2.1 2, 3/T9.1.1 - - 2/T9.2.1 -	LEGEND NOTES A, B, J C, J J J J, K J
T` SYM N1 N2 N3 N4 N5 N6 N7	YPE STYLE FLOOR WALL WALL WALL WALL WALL WALL WALL WAL	FUNCTION TELECOM OUTLET - FLOOR TELECOM OUTLET - FLAT PANEL DISPLAY TELECOM OUTLET - AV EQUIPMENT RACK TELECOM CONNECTION - AV TOUCH PANEL TELECOM OUTLET - STANDARD TELECOM OUTLET - ABOVE COUNTER TELECOM OUTLET - ENERGY MANAGEMENT SYSTEM	ENCLOS LENGTH 4 11/16" - 4 11/16" 4 11/16" 4 11/16" 4 11/16"	SURE DIMEN WIDTH - 4 11/16" - 4 11/16" 4 11/16" 4 11/16"	NSIONS DEPTH - 2 1/8" - 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8"	TECHNOLOGY TELEC ENCLOSURE DESCRIPTION FLOOR BOX INDICATED BY BOX NUMBER WALL BOX INDICATED BY BOX NUMBER PULL BOX W/ RAISED SINGLE-DEVICE COVER TERMINATED WHIP INSIDE AV J-BOX PULL BOX W/ RAISED SINGLE-DEVICE COVER	OM JUNCTION BOX LEG ENCLOSURE MAKE & MODEL - COORDINATE W/ ASSOCIATED FLAT PANEL DISPLAY BOX RACO 258, 259 OR 265, OR APPROVED EQUAL WALL BOX INDICATED BY BOX NUMBER RACO 258, 259 OR 265, OR APPROVED EQUAL RACO 258, 259 OR 265, OR APPROVED EQUAL RACO 258, 259 OR 265, OR APPROVED EQUAL	SEND MOUNTING STYLE INSTALL IN FLOOR BOX PER MFR DIRECTIONS, OR FURNITURE FEED WHERE INDICATED ON PLAN INSTALL IN FLAT PANEL DISPLAY BOX PER MFR DIRECTIONS PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS - PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS 6" ABOVE COUNTER - FLUSH, REFER TO ARCH. DRAWINGS 6" ABOVE COUNTER - FLUSH, REFER TO ARCH. DRAWINGS COORDINATE W/ BUILDING/ENERGY MANAGEMENT VENDOR	DETAIL 1,4/T9.1.1, 1/T9.2.1 2, 3/T9.1.1 - - 2/T9.2.1 -	LEGEND NOTES A, B, J C, J J J J, K J
T SYM N1 N2 N3 N4 N5 N6 N7 N8	YPE STYLE FLOOR WALL WALL WALL WALL WALL WALL WALL WAL	FUNCTION TELECOM OUTLET - FLOOR TELECOM OUTLET - FLAT PANEL DISPLAY TELECOM OUTLET - AV EQUIPMENT RACK TELECOM CONNECTION - AV TOUCH PANEL TELECOM OUTLET - STANDARD TELECOM OUTLET - ABOVE COUNTER TELECOM OUTLET - ENERGY MANAGEMENT SYSTEM TELECOM OUTLET - WAP	ENCLOS LENGTH	SURE DIMEN WIDTH - - 4 11/16" - 4 11/16" 4 11/16" 4 11/16" 4 11/16"	NSIONS DEPTH - 2 1/8" - 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8"	TECHNOLOGY TELEC ENCLOSURE DESCRIPTION FLOOR BOX INDICATED BY BOX NUMBER WALL BOX INDICATED BY BOX NUMBER PULL BOX W/ RAISED SINGLE-DEVICE COVER TERMINATED WHIP INSIDE AV J-BOX PULL BOX W/ RAISED SINGLE-DEVICE COVER	OM JUNCTION BOX LEG ENCLOSURE MAKE & MODEL - COORDINATE W/ ASSOCIATED FLAT PANEL DISPLAY BOX RACO 258, 259 OR 265, OR APPROVED EQUAL WALL BOX INDICATED BY BOX NUMBER RACO 258, 259 OR 265, OR APPROVED EQUAL RACO 258, 259 OR 265, OR APPROVED EQUAL	SEND MOUNTING STYLE INSTALL IN FLOOR BOX PER MFR DIRECTIONS, OR FURNITURE FEED WHERE INDICATED ON PLAN INSTALL IN FLAT PANEL DISPLAY BOX PER MFR DIRECTIONS PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS - PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS 6" ABOVE COUNTER - FLUSH, REFER TO ARCH. DRAWINGS 6" ABOVE COUNTER - FLUSH, REFER TO ARCH. DRAWINGS 120" AFF - FLUSH	DETAIL 1,4/T9.1.1, 1/T9.2.1 2, 3/T9.1.1 - - 2/T9.2.1 -	LEGEND NOTES A, B, J C, J J J J, K J
T` SYM N1 N2 N3 N4 N5 N6 N7 N8 N10	YPE STYLE FLOOR WALL WALL WALL WALL WALL WALL WALL WAL	FUNCTION TELECOM OUTLET - FLOOR TELECOM OUTLET - FLAT PANEL DISPLAY TELECOM OUTLET - AV EQUIPMENT RACK TELECOM CONNECTION - AV TOUCH PANEL TELECOM OUTLET - STANDARD TELECOM OUTLET - ABOVE COUNTER TELECOM OUTLET - ENERGY MANAGEMENT SYSTEM TELECOM OUTLET - WAP TELECOM OUTLET - IN DUAL CHANNEL SURFACE RACEWAY	ENCLOS LENGTH	SURE DIMEN WIDTH - - 4 11/16" - 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16"	NSIONS DEPTH - 2 1/8" - 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8"	TECHNOLOGY TELEC ENCLOSURE DESCRIPTION FLOOR BOX INDICATED BY BOX NUMBER WALL BOX INDICATED BY BOX NUMBER WALL BOX INDICATED BY BOX NUMBER PULL BOX W/ RAISED SINGLE-DEVICE COVER TERMINATED WHIP INSIDE AV J-BOX PULL BOX W/ RAISED SINGLE-DEVICE COVER	OM JUNCTION BOX LEC ENCLOSURE MAKE & MODEL - COORDINATE W/ ASSOCIATED FLAT PANEL DISPLAY BOX RACO 258, 259 OR 265, OR APPROVED EQUAL WALL BOX INDICATED BY BOX NUMBER RACO 258, 259 OR 265, OR APPROVED EQUAL RACO 258, 259 OR 265, OR APPROVED EQUAL	SEND MOUNTING STYLE INSTALL IN FLOOR BOX PER MFR DIRECTIONS, OR FURNITURE FEED WHERE INDICATED ON PLAN INSTALL IN FLAT PANEL DISPLAY BOX PER MFR DIRECTIONS PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS - PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS 6" ABOVE COUNTER - FLUSH, REFER TO ARCH. DRAWINGS 6" ABOVE COUNTER - FLUSH, REFER TO ARCH. DRAWINGS COORDINATE W/ BUILDING/ENERGY MANAGEMENT VENDOR 120" AFF - FLUSH 48" AFF - FLUSH	DETAIL 1,4/T9.1.1, 1/T9.2.1 2, 3/T9.1.1 - - 2/T9.2.1 -	LEGEND NOTES A, B, J C, J J J J, K J
T` SYM N1 N2 N3 N4 N5 N6 N7 N8 N10 N11	YPE STYLE FLOOR WALL WALL WALL WALL WALL WALL WALL WAL	FUNCTION TELECOM OUTLET - FLOOR TELECOM OUTLET - FLAT PANEL DISPLAY TELECOM OUTLET - AV EQUIPMENT RACK TELECOM CONNECTION - AV TOUCH PANEL TELECOM OUTLET - STANDARD TELECOM OUTLET - ABOVE COUNTER TELECOM OUTLET - ENERGY MANAGEMENT SYSTEM TELECOM OUTLET - IN DUAL CHANNEL SURFACE RACEWAY TELECOM OUTLET - WALL PHONE	ENCLOS LENGTH	SURE DIMEN WIDTH - - 4 11/16" - 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16"	NSIONS DEPTH - 2 1/8" - 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8"	TECHNOLOGY TELEC ENCLOSURE DESCRIPTION FLOOR BOX INDICATED BY BOX NUMBER WALL BOX INDICATED BY BOX NUMBER WALL BOX INDICATED BY BOX NUMBER PULL BOX W/ RAISED SINGLE-DEVICE COVER TERMINATED WHIP INSIDE AV J-BOX PULL BOX W/ RAISED SINGLE-DEVICE COVER	OM JUNCTION BOX LEG ENCLOSURE MAKE & MODEL - COORDINATE W/ ASSOCIATED FLAT PANEL DISPLAY BOX RACO 258, 259 OR 265, OR APPROVED EQUAL WALL BOX INDICATED BY BOX NUMBER RACO 258, 259 OR 265, OR APPROVED EQUAL RACO 258, 259 OR 265, OR APPROVED EQUAL	SEND MOUNTING STYLE INSTALL IN FLOOR BOX PER MFR DIRECTIONS, OR FURNITURE FEED WHERE INDICATED ON PLAN INSTALL IN FLAT PANEL DISPLAY BOX PER MFR DIRECTIONS PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS - PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS 6" ABOVE COUNTER - FLUSH, REFER TO ARCH. DRAWINGS 6" ABOVE COUNTER - FLUSH, REFER TO ARCH. DRAWINGS COORDINATE W/ BUILDING/ENERGY MANAGEMENT VENDOR 120" AFF - FLUSH 48" AFF - FLUSH 44" AFF - FLUSH	DETAIL 1,4/T9.1.1, 1/T9.2.1 2, 3/T9.1.1 - - 2/T9.2.1 -	LEGEND NOTES A, B, J C, J J J J, K J J, K J J, M J J J J J
T SYM N1 N2 N3 N4 N5 N6 N7 N8 N10 N11 N20	YPE STYLE FLOOR WALL WALL WALL WALL WALL WALL WALL WAL	FUNCTION TELECOM OUTLET - FLOOR TELECOM OUTLET - FLAT PANEL DISPLAY TELECOM OUTLET - AV EQUIPMENT RACK TELECOM CONNECTION - AV TOUCH PANEL TELECOM OUTLET - STANDARD TELECOM OUTLET - ABOVE COUNTER TELECOM OUTLET - ENERGY MANAGEMENT SYSTEM TELECOM OUTLET - WAP TELECOM OUTLET - IN DUAL CHANNEL SURFACE RACEWAY TELECOM OUTLET - WALL PHONE TELECOM OUTLET - VIDEO PROJECTOR	ENCLOS LENGTH	SURE DIMEN WIDTH - - 4 11/16" - 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16"	NSIONS DEPTH - 2 1/8" - 2 1/8" 2 1/8"	TECHNOLOGY TELEC ENCLOSURE DESCRIPTION FLOOR BOX INDICATED BY BOX NUMBER WALL BOX INDICATED BY BOX NUMBER WALL BOX INDICATED BY BOX NUMBER PULL BOX W/ RAISED SINGLE-DEVICE COVER TERMINATED WHIP INSIDE AV J-BOX PULL BOX W/ RAISED SINGLE-DEVICE COVER	OM JUNCTION BOX LEG ENCLOSURE MAKE & MODEL - COORDINATE W/ ASSOCIATED FLAT PANEL DISPLAY BOX RACO 258, 259 OR 265, OR APPROVED EQUAL WALL BOX INDICATED BY BOX NUMBER RACO 258, 259 OR 265, OR APPROVED EQUAL WALL BOX INDICATED BY BOX NUMBER RACO 258, 259 OR 265, OR APPROVED EQUAL	MOUNTING STYLE INSTALL IN FLOOR BOX PER MFR DIRECTIONS, OR FURNITURE FEED WHERE INDICATED ON PLAN INSTALL IN FLAT PANEL DISPLAY BOX PER MFR DIRECTIONS PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS - PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS 6" ABOVE COUNTER - FLUSH, REFER TO ARCH. DRAWINGS 6" ABOVE COUNTER - FLUSH, REFER TO ARCH. DRAWINGS COORDINATE W/ BUILDING/ENERGY MANAGEMENT VENDOR 120" AFF - FLUSH 48" AFF - FLUSH 44" AFF - FLUSH 44" AFF - FLUSH FLUSH MOUNTED TO CEILING	DETAIL 1,4/T9.1.1, 1/T9.2.1 2, 3/T9.1.1 - 2/T9.2.1 - - - - - - - - - - - - -	LEGEND NOTES A, B, J C, J J J J, K J J, K J J, M J J J J J
T SYM N1 N2 N3 N4 N5 N6 N7 N8 N10 N11 N20 N21	YPE STYLE FLOOR WALL WALL WALL WALL WALL WALL WALL WAL	FUNCTION TELECOM OUTLET - FLOOR TELECOM OUTLET - FLAT PANEL DISPLAY TELECOM OUTLET - AV EQUIPMENT RACK TELECOM CONNECTION - AV TOUCH PANEL TELECOM OUTLET - STANDARD TELECOM OUTLET - ABOVE COUNTER TELECOM OUTLET - ENERGY MANAGEMENT SYSTEM TELECOM OUTLET - IN DUAL CHANNEL SURFACE RACEWAY TELECOM OUTLET - WAP TELECOM OUTLET - VIDEO PROJECTOR TELECOM OUTLET - WAP TELECOM OUTLET - WAP TELECOM OUTLET - VIDEO PROJECTOR TELECOM OUTLET - WAP TELECOM OUTLET - WAP	ENCLOS LENGTH	SURE DIMEN WIDTH - - 4 11/16" - 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16"	NSIONS DEPTH - 2 1/8" - 2 1/8" 2 1/8"	TECHNOLOGY TELEC ENCLOSURE DESCRIPTION FLOOR BOX INDICATED BY BOX NUMBER WALL BOX INDICATED BY BOX NUMBER WALL BOX INDICATED BY BOX NUMBER PULL BOX W/ RAISED SINGLE-DEVICE COVER TERMINATED WHIP INSIDE AV J-BOX PULL BOX W/ RAISED SINGLE-DEVICE COVER PULL BOX W/ RAISED SINGLE-DEVICE COVER	OM JUNCTION BOX LEG ENCLOSURE MAKE & MODEL - - COORDINATE W/ ASSOCIATED FLAT PANEL DISPLAY BOX RACO 258, 259 OR 265, OR APPROVED EQUAL WALL BOX INDICATED BY BOX NUMBER RACO 258, 259 OR 265, OR APPROVED EQUAL RACO 258, 259 OR 265, OR APPROVED EQUAL	MOUNTING STYLE INSTALL IN FLOOR BOX PER MFR DIRECTIONS, OR FURNITURE FEED WHERE INDICATED ON PLAN INSTALL IN FLAT PANEL DISPLAY BOX PER MFR DIRECTIONS PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS - PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS 6" ABOVE COUNTER - FLUSH, REFER TO ARCH. DRAWINGS 6" ABOVE COUNTER - FLUSH, REFER TO ARCH. DRAWINGS COORDINATE W/ BUILDING/ENERGY MANAGEMENT VENDOR 120" AFF - FLUSH 48" AFF - FLUSH 44" AFF - FLUSH 44" AFF - FLUSH FLUSH MOUNTED TO CEILING 18" ABOVE ACCESSIBLE CEILING	DETAIL 1,4/T9.1.1, 1/T9.2.1 2, 3/T9.1.1 - 2/T9.2.1 - - - - - - - - - - - - -	LEGEND NOTES A, B, J C, J J J J, K J J, K J J, M J J J J J

						TECHNOLOGY J	UNCTION BOX LEGEND			
TYP SYM	E STYLE	FUNCTION	ENCLO LENGTH	SURE DIMEN	NSIONS DEPTH	ENCLOSURE DESCRIPTION	ENCLOSURE MAKE & MODEL	MOUNTING STYLE	REFERENCE DETAIL	LEGEND NOTES
FB1	FLOOR	FLOOR BOX W/ AV, TELECOM AND POWER	11 5/16"	15 1/8"	4 1/16"	FLOOR BOX	WIREMOLD EFB6S-OG, OR APPROVED EQUAL	FLUSH WITH FINISHED FLOOR	1/T9.1.1	A, B
FB2	FLOOR	FLOOR BOX W/ TELECOM AND POWER	11 5/16"	15 1/8"	4 1/16"	FLOOR BOX	WIREMOLD EFB6S-OG, OR APPROVED EQUAL	FLUSH WITH FINISHED FLOOR	1/T9.2.1	A, B
FB3	FLOOR	FLOOR BOX W/ AV, TELECOM AND POWER	11 5/16"	15 1/8"	4 1/16"	FLOOR BOX	WIREMOLD EFB6S-OG, OR APPROVED EQUAL	FLUSH WITH FINISHED FLOOR	4/T9.1.1	A, B
∴ FS2	FLOOR	FLOOR CONDUIT STUB	11/4"	11/4"	·····3"/·····	CONDUIT STUB UNDER FURNITURE	MA M	STUBTO 3" ABOVE FINISHED FLOOR	<u>here here in </u>	The second secon
FS3	FLOOR	FLOOR CONDUIT STUB	بر "1 1/4" بر	ب 11/4" م		CONDUIT STUB UNDER FURNITURE		STUB TO 3" ABOVE, FINISHED FLOOP, A A A A A A A A A A A A A A A A A		
J1	WALL	FLAT PANEL DISPLAY BOX W/ AV, TELECOM AND POWER	7 3/8"	10 15/16"	3 9/16"	FLAT PANEL DISPLAY BOX	FSR PWB-100, OR APPROVED EQUAL	FLUSH MOUNTED (UON) - REFER TO ROOM DISPLAY SCHEDULE AND ELEVATIONS	2, 3/T9.1.1	C, B
J2	WALL	TOUCH PANEL	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/ RAISED TWO-DEVICE COVER	RACO 258, 259 OR 265, OR APPROVED EQUAL	PER PROJECT STANDARD SWITCH HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS	-	-
J3	WALL	PROJECTION SCREEN CONTROL SWITCH (SINGLE)	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/ RAISED SINGLE-DEVICE COVER	RACO 258, 259 OR 265, OR APPROVED EQUAL	PER PROJECT STANDARD SWITCH HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS	-	F
J5	WALL	CAMERA PULL BOX	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/ FLAT COVER	RACO 258, 259 OR 265, OR APPROVED EQUAL	96" AFF - FLUSH MOUNTED (UON)	-	-
J6	WALL	EQUIPMENT RACK PULL BOX	4 11/16"	10 7/16"	2 1/2"	PULL BOX W/ FLAT COVER	RACO 943, OR APPROVED EQUAL	18" AFF - FLUSH MOUNTED (UON)	-	-
J7	WALL	AV VIDEO WALL PULL BOX	4 1/2"	8 5/8"	2 1/2"	PULL BOX W/ FLAT COVER	RACO 942, OR APPROVED EQUAL	156" AFF - FLUSH MOUNTED (UON)	-	-
J9	WALL	AV I/O PANEL	4 1/2"	8 5/8"	3 1/2"	PULL BOX W/ RAISED THREE-DEVICE COVER - DEEP	RACO 697, OR APPROVED EQUAL	18" AFF - FLUSH	-	-
J10	WALL	AV I/O PANEL	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/ RAISED SINGLE-DEVICE COVER	RACO 258, 259 OR 265, OR APPROVED EQUAL	18" AFF - FLUSH	-	-
J21	CEILING	VIDEO PROJECTOR PULL BOX	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/ RAISED TWO-DEVICE COVER	RACO 258, 259 OR 265, OR APPROVED EQUAL	FLUSH MOUNTED TO CEILING	-	E, I
TYP	E		ENCLO		NSIONS		OM JUNCTION BOX LEG		REFERENCE	
TYP	E STYLE	FUNCTION	ENCLO LENGTH	SURE DIME	NSIONS DEPTH	TECHNOLOGY TELEC ENCLOSURE DESCRIPTION	OM JUNCTION BOX LEG	MOUNTING STYLE	REFERENCE DETAIL	LEGEND NOTES
	STYLE	FUNCTION TELECOM OUTLET - FLOOR								LEGEND NOTES A, B, J
SYM	STYLE			WIDTH	DEPTH -	ENCLOSURE DESCRIPTION		MOUNTING STYLE	DETAIL	
SYM N1	STYLE FLOOR WALL WALL	TELECOM OUTLET - FLOOR TELECOM OUTLET - FLAT PANEL DISPLAY TELECOM OUTLET - AV EQUIPMENT RACK	LENGTH	WIDTH	DEPTH - -	ENCLOSURE DESCRIPTION	ENCLOSURE MAKE & MODEL	MOUNTING STYLE INSTALL IN FLOOR BOX PER MFR DIRECTIONS, OR FURNITURE FEED WHERE INDICATED ON PLAN	DETAIL 1,4/T9.1.1, 1/T9.2.1	A, B, J
SYM N1 N2	STYLE FLOOR WALL WALL	TELECOM OUTLET - FLOOR TELECOM OUTLET - FLAT PANEL DISPLAY	LENGTH - -	WIDTH -	DEPTH - -	ENCLOSURE DESCRIPTION FLOOR BOX INDICATED BY BOX NUMBER WALL BOX INDICATED BY BOX NUMBER	ENCLOSURE MAKE & MODEL - COORDINATE W/ ASSOCIATED FLAT PANEL DISPLAY BOX	MOUNTING STYLE INSTALL IN FLOOR BOX PER MFR DIRECTIONS, OR FURNITURE FEED WHERE INDICATED ON PLAN INSTALL IN FLAT PANEL DISPLAY BOX PER MFR DIRECTIONS	DETAIL 1,4/T9.1.1, 1/T9.2.1	A, B, J
SYM N1 N2	STYLE FLOOR WALL WALL	TELECOM OUTLET - FLOOR TELECOM OUTLET - FLAT PANEL DISPLAY TELECOM OUTLET - AV EQUIPMENT RACK	LENGTH - -	WIDTH -	DEPTH - - 2 1/8" -	ENCLOSURE DESCRIPTION FLOOR BOX INDICATED BY BOX NUMBER WALL BOX INDICATED BY BOX NUMBER PULL BOX W/ RAISED SINGLE-DEVICE COVER	- COORDINATE W/ ASSOCIATED FLAT PANEL DISPLAY BOX RACO 258, 259 OR 265, OR APPROVED EQUAL	MOUNTING STYLE INSTALL IN FLOOR BOX PER MFR DIRECTIONS, OR FURNITURE FEED WHERE INDICATED ON PLAN INSTALL IN FLAT PANEL DISPLAY BOX PER MFR DIRECTIONS	DETAIL 1,4/T9.1.1, 1/T9.2.1	A, B, J
SYM N1 N2	STYLE FLOOR WALL WALL WALL WALL	TELECOM OUTLET - FLOOR TELECOM OUTLET - FLAT PANEL DISPLAY TELECOM OUTLET - AV EQUIPMENT RACK TELECOM CONNECTION - AV TOUCH PANEL	LENGTH - - 4 11/16" -	WIDTH - - 4 11/16" -	DEPTH 2 1/8" - 2 1/8"	ENCLOSURE DESCRIPTION FLOOR BOX INDICATED BY BOX NUMBER WALL BOX INDICATED BY BOX NUMBER PULL BOX W/ RAISED SINGLE-DEVICE COVER TERMINATED WHIP INSIDE AV J-BOX	- COORDINATE W/ ASSOCIATED FLAT PANEL DISPLAY BOX RACO 258, 259 OR 265, OR APPROVED EQUAL WALL BOX INDICATED BY BOX NUMBER	MOUNTING STYLE INSTALL IN FLOOR BOX PER MFR DIRECTIONS, OR FURNITURE FEED WHERE INDICATED ON PLAN INSTALL IN FLAT PANEL DISPLAY BOX PER MFR DIRECTIONS PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS -	DETAIL 1,4/T9.1.1, 1/T9.2.1 2, 3/T9.1.1 - -	A, B, J C, J J J
SYM N1 N2	STYLE FLOOR WALL WALL WALL WALL WALL	TELECOM OUTLET - FLOOR TELECOM OUTLET - FLAT PANEL DISPLAY TELECOM OUTLET - AV EQUIPMENT RACK TELECOM CONNECTION - AV TOUCH PANEL TELECOM OUTLET - STANDARD	LENGTH 4 11/16" - 4 11/16"	WIDTH 4 11/16" - 4 11/16"	DEPTH 2 1/8" - 2 1/8" 2 1/8" 2 1/8"	ENCLOSURE DESCRIPTION FLOOR BOX INDICATED BY BOX NUMBER WALL BOX INDICATED BY BOX NUMBER PULL BOX W/ RAISED SINGLE-DEVICE COVER TERMINATED WHIP INSIDE AV J-BOX PULL BOX W/ RAISED SINGLE-DEVICE COVER	- COORDINATE W/ ASSOCIATED FLAT PANEL DISPLAY BOX RACO 258, 259 OR 265, OR APPROVED EQUAL WALL BOX INDICATED BY BOX NUMBER RACO 258, 259 OR 265, OR APPROVED EQUAL	MOUNTING STYLE INSTALL IN FLOOR BOX PER MFR DIRECTIONS, OR FURNITURE FEED WHERE INDICATED ON PLAN INSTALL IN FLAT PANEL DISPLAY BOX PER MFR DIRECTIONS PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS - PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS - PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS	DETAIL 1,4/T9.1.1, 1/T9.2.1 2, 3/T9.1.1 - -	A, B, J C, J J J
SYM N1 N2	STYLE FLOOR WALL WALL WALL WALL WALL WALL	TELECOM OUTLET - FLOOR TELECOM OUTLET - FLAT PANEL DISPLAY TELECOM OUTLET - AV EQUIPMENT RACK TELECOM CONNECTION - AV TOUCH PANEL TELECOM OUTLET - STANDARD TELECOM OUTLET - ABOVE COUNTER	LENGTH 4 11/16" - 4 11/16" 4 11/16" 4 11/16"	WIDTH - 4 11/16" - 4 11/16" 4 11/16"	DEPTH 2 1/8" - 2 1/8" 2 1/8" 2 1/8" 2 1/8"	ENCLOSURE DESCRIPTION FLOOR BOX INDICATED BY BOX NUMBER WALL BOX INDICATED BY BOX NUMBER PULL BOX W/ RAISED SINGLE-DEVICE COVER TERMINATED WHIP INSIDE AV J-BOX PULL BOX W/ RAISED SINGLE-DEVICE COVER PULL BOX W/ RAISED SINGLE-DEVICE COVER	- COORDINATE W/ ASSOCIATED FLAT PANEL DISPLAY BOX RACO 258, 259 OR 265, OR APPROVED EQUAL WALL BOX INDICATED BY BOX NUMBER RACO 258, 259 OR 265, OR APPROVED EQUAL RACO 258, 259 OR 265, OR APPROVED EQUAL	MOUNTING STYLE INSTALL IN FLOOR BOX PER MFR DIRECTIONS, OR FURNITURE FEED WHERE INDICATED ON PLAN INSTALL IN FLAT PANEL DISPLAY BOX PER MFR DIRECTIONS PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS - PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS - PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS 6" ABOVE COUNTER - FLUSH, REFER TO ARCH. DRAWINGS	DETAIL 1,4/T9.1.1, 1/T9.2.1 2, 3/T9.1.1 - -	A, B, J C, J J J J, K J
SYM N1 N2	STYLE FLOOR WALL WALL WALL WALL WALL WALL WALL	TELECOM OUTLET - FLOOR TELECOM OUTLET - FLAT PANEL DISPLAY TELECOM OUTLET - AV EQUIPMENT RACK TELECOM CONNECTION - AV TOUCH PANEL TELECOM OUTLET - STANDARD TELECOM OUTLET - ABOVE COUNTER TELECOM OUTLET - ENERGY MANAGEMENT SYSTEM	LENGTH 4 11/16" - 4 11/16" 4 11/16" 4 11/16" 4 11/16"	WIDTH - 4 11/16" - 4 11/16" 4 11/16" 4 11/16" 4 11/16"	DEPTH 2 1/8" - 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8"	ENCLOSURE DESCRIPTION FLOOR BOX INDICATED BY BOX NUMBER WALL BOX INDICATED BY BOX NUMBER PULL BOX W/ RAISED SINGLE-DEVICE COVER TERMINATED WHIP INSIDE AV J-BOX PULL BOX W/ RAISED SINGLE-DEVICE COVER PULL BOX W/ RAISED SINGLE-DEVICE COVER PULL BOX W/ RAISED SINGLE-DEVICE COVER	- COORDINATE W/ ASSOCIATED FLAT PANEL DISPLAY BOX RACO 258, 259 OR 265, OR APPROVED EQUAL WALL BOX INDICATED BY BOX NUMBER RACO 258, 259 OR 265, OR APPROVED EQUAL RACO 258, 259 OR 265, OR APPROVED EQUAL RACO 258, 259 OR 265, OR APPROVED EQUAL	MOUNTING STYLE INSTALL IN FLOOR BOX PER MFR DIRECTIONS, OR FURNITURE FEED WHERE INDICATED ON PLAN INSTALL IN FLAT PANEL DISPLAY BOX PER MFR DIRECTIONS PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS - PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS - PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS 6" ABOVE COUNTER - FLUSH, REFER TO ARCH. DRAWINGS COORDINATE W/ BUILDING/ENERGY MANAGEMENT VENDOR	DETAIL 1,4/T9.1.1, 1/T9.2.1 2, 3/T9.1.1 - -	A, B, J C, J J J J, K J
SYM N1 N2	STYLE FLOOR WALL WALL WALL WALL WALL WALL WALL WAL	TELECOM OUTLET - FLOOR TELECOM OUTLET - FLAT PANEL DISPLAY TELECOM OUTLET - AV EQUIPMENT RACK TELECOM CONNECTION - AV TOUCH PANEL TELECOM OUTLET - STANDARD TELECOM OUTLET - ABOVE COUNTER TELECOM OUTLET - ENERGY MANAGEMENT SYSTEM TELECOM OUTLET - WAP	LENGTH 4 11/16" - 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16"	WIDTH - 4 11/16" - 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16"	DEPTH 2 1/8" - 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8"	ENCLOSURE DESCRIPTION FLOOR BOX INDICATED BY BOX NUMBER WALL BOX INDICATED BY BOX NUMBER PULL BOX W/ RAISED SINGLE-DEVICE COVER TERMINATED WHIP INSIDE AV J-BOX PULL BOX W/ RAISED SINGLE-DEVICE COVER PULL BOX W/ RAISED SINGLE-DEVICE COVER	- COORDINATE W/ ASSOCIATED FLAT PANEL DISPLAY BOX RACO 258, 259 OR 265, OR APPROVED EQUAL WALL BOX INDICATED BY BOX NUMBER RACO 258, 259 OR 265, OR APPROVED EQUAL RACO 258, 259 OR 265, OR APPROVED EQUAL	MOUNTING STYLE INSTALL IN FLOOR BOX PER MFR DIRECTIONS, OR FURNITURE FEED WHERE INDICATED ON PLAN INSTALL IN FLAT PANEL DISPLAY BOX PER MFR DIRECTIONS PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS - PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS 6" ABOVE COUNTER - FLUSH, REFER TO ARCH. DRAWINGS 6" ABOVE COUNTER - FLUSH, REFER TO ARCH. DRAWINGS COORDINATE W/ BUILDING/ENERGY MANAGEMENT VENDOR 120" AFF - FLUSH 48" AFF - FLUSH 44" AFF - FLUSH	DETAIL 1,4/T9.1.1, 1/T9.2.1 2, 3/T9.1.1 - -	A, B, J C, J J J J, K J
SYM N1 N2	STYLE FLOOR WALL WALL WALL WALL WALL WALL WALL WAL	TELECOM OUTLET - FLOOR TELECOM OUTLET - FLAT PANEL DISPLAY TELECOM OUTLET - AV EQUIPMENT RACK TELECOM OUTLET - AV TOUCH PANEL TELECOM OUTLET - STANDARD TELECOM OUTLET - STANDARD TELECOM OUTLET - ENERGY MANAGEMENT SYSTEM TELECOM OUTLET - ENERGY MANAGEMENT SYSTEM TELECOM OUTLET - WAP TELECOM OUTLET - IN DUAL CHANNEL SURFACE RACEWAY TELECOM OUTLET - WALL PHONE TELECOM OUTLET - VIDEO PROJECTOR	LENGTH 4 11/16" - 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16"	WIDTH - 4 11/16" - 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16"	DEPTH 2 1/8" - 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8"	ENCLOSURE DESCRIPTION FLOOR BOX INDICATED BY BOX NUMBER WALL BOX INDICATED BY BOX NUMBER PULL BOX W/ RAISED SINGLE-DEVICE COVER TERMINATED WHIP INSIDE AV J-BOX PULL BOX W/ RAISED SINGLE-DEVICE COVER PULL BOX W/ RAISED SINGLE-DEVICE COVER	-COORDINATE W/ ASSOCIATED FLAT PANEL DISPLAY BOXRACO 258, 259 OR 265, OR APPROVED EQUALWALL BOX INDICATED BY BOX NUMBERRACO 258, 259 OR 265, OR APPROVED EQUALRACO 258, 259 OR 265, OR APPROVED EQUAL	MOUNTING STYLE INSTALL IN FLOOR BOX PER MFR DIRECTIONS, OR FURNITURE FEED WHERE INDICATED ON PLAN INSTALL IN FLAT PANEL DISPLAY BOX PER MFR DIRECTIONS PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS - PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS 6" ABOVE COUNTER - FLUSH, REFER TO ARCH. DRAWINGS 6" ABOVE COUNTER - FLUSH, REFER TO ARCH. DRAWINGS COORDINATE W/ BUILDING/ENERGY MANAGEMENT VENDOR 120" AFF - FLUSH 48" AFF - FLUSH 44" AFF - FLUSH FLUSH MOUNTED TO CEILING	DETAIL 1,4/T9.1.1, 1/T9.2.1 2, 3/T9.1.1 - -	A, B, J C, J J J J, K J
SYM N1 N2	STYLE FLOOR WALL WALL WALL WALL WALL WALL WALL WAL	TELECOM OUTLET - FLOOR TELECOM OUTLET - FLAT PANEL DISPLAY TELECOM OUTLET - AV EQUIPMENT RACK TELECOM OUTLET - AV TOUCH PANEL TELECOM OUTLET - STANDARD TELECOM OUTLET - ABOVE COUNTER TELECOM OUTLET - ENERGY MANAGEMENT SYSTEM TELECOM OUTLET - WAP TELECOM OUTLET - IN DUAL CHANNEL SURFACE RACEWAY TELECOM OUTLET - WALL PHONE TELECOM OUTLET - VIDEO PROJECTOR TELECOM OUTLET - WAP	LENGTH 4 11/16" - 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16"	WIDTH - 4 11/16" - 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16"	DEPTH 2 1/8" - 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8"	ENCLOSURE DESCRIPTION FLOOR BOX INDICATED BY BOX NUMBER WALL BOX INDICATED BY BOX NUMBER PULL BOX W/ RAISED SINGLE-DEVICE COVER TERMINATED WHIP INSIDE AV J-BOX PULL BOX W/ RAISED SINGLE-DEVICE COVER PULL BOX W/ RAISED SINGLE-DEVICE COVER	- COORDINATE W/ ASSOCIATED FLAT PANEL DISPLAY BOX RACO 258, 259 OR 265, OR APPROVED EQUAL WALL BOX INDICATED BY BOX NUMBER RACO 258, 259 OR 265, OR APPROVED EQUAL RACO 258, 259 OR 265, OR APPROVED EQUAL	MOUNTING STYLE INSTALL IN FLOOR BOX PER MFR DIRECTIONS, OR FURNITURE FEED WHERE INDICATED ON PLAN INSTALL IN FLAT PANEL DISPLAY BOX PER MFR DIRECTIONS PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS - PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS 6" ABOVE COUNTER - FLUSH, REFER TO ARCH. DRAWINGS 6" ABOVE COUNTER - FLUSH, REFER TO ARCH. DRAWINGS COORDINATE W/ BUILDING/ENERGY MANAGEMENT VENDOR 120" AFF - FLUSH 48" AFF - FLUSH 44" AFF - FLUSH 44" AFF - FLUSH 18" ABOVE ACCESSIBLE CEILING	DETAIL 1,4/T9.1.1, 1/T9.2.1 2, 3/T9.1.1 - -	A, B, J C, J J J J, K J J J, M J J J J J
SYM N1 N2	STYLE FLOOR WALL WALL WALL WALL WALL WALL WALL WAL	TELECOM OUTLET - FLOOR TELECOM OUTLET - FLAT PANEL DISPLAY TELECOM OUTLET - AV EQUIPMENT RACK TELECOM OUTLET - AV TOUCH PANEL TELECOM OUTLET - STANDARD TELECOM OUTLET - STANDARD TELECOM OUTLET - ENERGY MANAGEMENT SYSTEM TELECOM OUTLET - ENERGY MANAGEMENT SYSTEM TELECOM OUTLET - WAP TELECOM OUTLET - WAP TELECOM OUTLET - WALL PHONE TELECOM OUTLET - VIDEO PROJECTOR TELECOM OUTLET - WAP TELECOM OUTLET - WAP	LENGTH 4 11/16" - 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16"	WIDTH - 4 11/16" - 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16"	DEPTH 2 1/8" - 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8" 2 1/8"	ENCLOSURE DESCRIPTION FLOOR BOX INDICATED BY BOX NUMBER WALL BOX INDICATED BY BOX NUMBER PULL BOX W/ RAISED SINGLE-DEVICE COVER TERMINATED WHIP INSIDE AV J-BOX PULL BOX W/ RAISED SINGLE-DEVICE COVER PULL BOX W/ BLANK COVER	ENCLOSURE MAKE & MODEL-COORDINATE W/ ASSOCIATED FLAT PANEL DISPLAY BOXRACO 258, 259 OR 265, OR APPROVED EQUALWALL BOX INDICATED BY BOX NUMBERRACO 258, 259 OR 265, OR APPROVED EQUALRACO 258, 259 OR 265, OR APPROVED EQUAL	MOUNTING STYLE INSTALL IN FLOOR BOX PER MFR DIRECTIONS, OR FURNITURE FEED WHERE INDICATED ON PLAN INSTALL IN FLAT PANEL DISPLAY BOX PER MFR DIRECTIONS PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS - PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS 6" ABOVE COUNTER - FLUSH, REFER TO ARCH. DRAWINGS 6" ABOVE COUNTER - FLUSH, REFER TO ARCH. DRAWINGS COORDINATE W/ BUILDING/ENERGY MANAGEMENT VENDOR 120" AFF - FLUSH 48" AFF - FLUSH 44" AFF - FLUSH 44" AFF - FLUSH 18" ABOVE ACCESSIBLE CEILING 18" ABOVE ACCESSIBLE CEILING	DETAIL 1,4/T9.1.1, 1/T9.2.1 2, 3/T9.1.1 - - 2/T9.2.1 -	A, B, J C, J J J J, K J J J, M J J J J J
SYM N1 N2 N3 N4 N5 N6 N7 N8 N10 N11 N20 N21	STYLE FLOOR WALL WALL WALL WALL WALL WALL WALL WAL	TELECOM OUTLET - FLOOR TELECOM OUTLET - FLAT PANEL DISPLAY TELECOM OUTLET - AV EQUIPMENT RACK TELECOM OUTLET - AV TOUCH PANEL TELECOM OUTLET - STANDARD TELECOM OUTLET - ABOVE COUNTER TELECOM OUTLET - ENERGY MANAGEMENT SYSTEM TELECOM OUTLET - WAP TELECOM OUTLET - IN DUAL CHANNEL SURFACE RACEWAY TELECOM OUTLET - WALL PHONE TELECOM OUTLET - VIDEO PROJECTOR TELECOM OUTLET - WAP	LENGTH 4 11/16" - 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16"	WIDTH - 4 11/16" - 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16" 4 11/16"	DEPTH 2 1/8" - 2 1/8"	ENCLOSURE DESCRIPTION FLOOR BOX INDICATED BY BOX NUMBER WALL BOX INDICATED BY BOX NUMBER PULL BOX W/ RAISED SINGLE-DEVICE COVER TERMINATED WHIP INSIDE AV J-BOX PULL BOX W/ RAISED SINGLE-DEVICE COVER PULL BOX W/ RAISED SINGLE-DEVICE COVER	- COORDINATE W/ ASSOCIATED FLAT PANEL DISPLAY BOX RACO 258, 259 OR 265, OR APPROVED EQUAL WALL BOX INDICATED BY BOX NUMBER RACO 258, 259 OR 265, OR APPROVED EQUAL RACO 258, 259 OR 265, OR APPROVED EQUAL	MOUNTING STYLE INSTALL IN FLOOR BOX PER MFR DIRECTIONS, OR FURNITURE FEED WHERE INDICATED ON PLAN INSTALL IN FLAT PANEL DISPLAY BOX PER MFR DIRECTIONS PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS - PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS 6" ABOVE COUNTER - FLUSH, REFER TO ARCH. DRAWINGS 6" ABOVE COUNTER - FLUSH, REFER TO ARCH. DRAWINGS COORDINATE W/ BUILDING/ENERGY MANAGEMENT VENDOR 120" AFF - FLUSH 48" AFF - FLUSH 44" AFF - FLUSH 44" AFF - FLUSH 18" ABOVE ACCESSIBLE CEILING	DETAIL 1,4/T9.1.1, 1/T9.2.1 2, 3/T9.1.1 - - 2/T9.2.1 -	A, B, J C, J J J J, K J J J, M J J J J J

TY SYM	PE STYLE	FUNCTION	VOLTS	AMPS	NEMA	DESCRIPTION	ADDITIONAL REQUIREMENTS	MOUNTING STYLE	REFERENCE DETAIL	LEGEND NOTES
P1	FLOOR	POWER RECEPTACLE - FLOOR BOX	120	20	5-20R	DUPLEX RECEPTACLE INSIDE FLOOR BOX	TECHNICAL GROUND	INSTALL IN FLOOR BOX PER MFR DIRECTIONS	1,4/T9.1.1, 1/T9.2.1	A, B, L
P2	WALL	POWER RECEPTACLE - FLAT PANEL DISPLAY	120	20	5-20R	DUPLEX RECEPTACLE INSIDE FLAT PANEL DISPLAY BOX	TECHNICAL GROUND	INSTALL IN FLAT PANEL DISPLAY BOX PER MFR DIRECTIONS	2, 3/T9.1.1	C, L
P4	WALL	POWER RECEPTACLE - AV RACK DATA/SERVER S103	208	30	L6-30R	DOUBLE GANG BOX WITH (2) TWIST LOCK RECEPTACLES	(2) DEDICATED CIRCUITS	91" AFF - MOUNT TO CABLE RUNWAY	4/T7.1.1	L
P5	WALL	POWER RECEPTACLE - AV RACK	120	20	5-20R	DUPLEX RECEPTACLE	DEDICATED CIRCUIT, TECHNICAL GROUND	PER PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS	-	L
P6	WALL	POWER RECEPTACLE - CONVENIENCE	120	20	5-20R	DUPLEX RECEPTACLE	-	18" AFF - FLUSH	2 ,4/T7.1.1	L
P7	WALL	POWER RECEPTACLE - SECURITY EQUIPMENT	120	20	-	WORKBOX W/ POWER CKT.	DEDICATED CIRCUIT	COORDINATE LOCATION W/ SECURITY SUPPLIER	2 ,4/T7.1.1	L
P8	WALL	POWER RECEPTACLE - TELECOM RACK	120	20	5-20R	QUAD RECEPTACLE	DEDICATED CIRCUIT	91" AFF - MOUNT TO CABLE RUNWAY	2/T7.1.1	L
P9	WALL	POWER RECEPTACLE - TELECOM RACK	208	30	L6-30R	TWIST LOCK RECEPTACLE	DEDICATED CIRCUIT	91" AFF - MOUNT TO CABLE RUNWAY	4/T7.1.1	L
P10	WALL	POWER RECEPTACLE - TELECOM RACK	208	30	L6-30R	TWIST LOCK RECEPTACLE	DEDICATED CIRCUIT	18" AFF - FLUSH	1/T2.1.4	L
P20	CEILING	POWER CIRCUIT - MOTORIZED PROJECTION SCREEN	120	20	-	WORKBOX W/ POWER CKT.	-	TERMINATE AT PROJECTION SCREEN CASE PER MFR DIRECTIONS	-	E, F, L
P21	CEILING	POWER RECEPTACLE- VIDEO PROJECTOR	120	20	5-20R	DUPLEX RECEPTACLE	DEDICATED CIRCUIT, TECHNICAL GROUND	FLUSH MOUNTED TO CEILING	-	E, I, L

	TELECOM CABLING LEGEND									
	TYPE	CAT6 QTY	CAT6A QTY	FIBER QTY	COAX QTY	REFERENCE DETAIL	NOTES			
	А	1	0	0	0	3/T9.2.1	(1) RED JACK			
	В	2	0	0	0	3/T9.2.1	(2) RED JACKS			
	С	4	0	0	0	3/T9.2.1	(4) RED JACKS			
	D	6	0	0	0	3/T9.2.1	(6) RED JACKS			
	F	0	0	6	0	3/T9.2.1	6-STRAND MM FIBER, WITH DUPLEX LC CONNECTORS, AQUA, SPACE ISAC FIBER			
	G	0	2	0	0	3/T9.2.1	WAP OUTLET, PROVIDE 20' SERVICE LOOP, (2) RED JACKS			
	Н	1	0	0	0	3/T9.2.1	(1) BLUE JACK, SPACE ISAC, BLUE=NON-SECURE			
	I	2	0	0	0	3/T9.2.1	(2) BLUE JACKS, SPACE ISAC, BLUE=NON-SECURE			
	J	2	0	0	0	3/T9.2.1	(1) RED JACK + (1) BLUE JACK, SPACE ISAC, RED=SECURE, BLUE=NON-SECURE			
	К	4	0	0	0	3/T9.2.1	(2) RED JACKS + (2) BLUE JACKS, SPACE ISAC, RED=SECURE, BLUE=NON-SECURE			
\wedge		$\sim 6 \sim$		$\bigcirc \bigcirc 0 \bigcirc \bigcirc$		<u>3/T9.2.1</u>	(3) RED JACKS + (3) BLUE JACKS, SPACE ISAC, RED=SECURE, BLUE=NON-SECURE			
<u>/1</u>							(6) RED JACKS + (4) BLUE JACKS, SPACE ISAC, RED=SECURE, BLUE=NON-SECURE, TERMINATE WITHIN FURNITURE, COORDINATE WITH FURNITURE SUPPLIER			

TECHNOLOGY POWER LEGEND

TECHNOLOGY LEGEND NOTES

GENERAL NOTE: SOLE PRODUCT OR MANUFACTURER/SOURCE: WHERE A SINGLE PRODUCT OR MANUFACTURER/SOURCE IS NAMED, SUBJECT TO COMPLIANCE WITH REQUIREMENTS, COMPARABLE PRODUCTS WILL BE CONSIDERED.

[A] FLOOR BOXES AND FLOOR PENETRATIONS: VERIFY EXACT LOCATION, COVER STYLE AND FINISH WITH ARCHITECT PRIOR TO INSTALLATION. PROVIDE ON-GRADE OR FIRE-RATED VERSION FLOOR BOXES AS REQUIRED.

[B] FB#(N#,P#) FLOOR BOX CONFIGURATION: WIREMOLD EVOLUTION SERIES EFB6S/-OG OR SERIES EFB45S-OG FLOOR BOX WITH FINISHED COVER. VERIFY COVER STYLE AND FINISH WITH ARCHITECT PRIOR TO ORDERING. INCLUDED COMPONENTS: TEMPORARY CONSTRUCTION COVER, TUNNEL SYSTEM, TWO REMOVABLE MODULES, CABLE MANAGEMENT GUIDES, MOUNTING CLAMPS AND LEVELING SUPPORT LEGS. PROVIDE AS REQUIRED: POWER RECEPTACLES, COMMUNICATION JACKS, MOUNTING BRACKETS, DEVICE PLATES, BLANK DEVICE PLATES, DIVIDER PLATES, AND OTHER ACCESSORIES AS NEEDED. CONFIGURE BOX ACCORDING TO DETAILS. VERIFY EXACT LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.

[C] J#(N#,P#) FLAT PANEL DISPLAY BOX CONFIGURATION: FSR PWB-100-XXX FLAT PANEL DISPLAY WALL BOX. VERIFY COVER COLOR WITH ARCHITECT PRIOR TO ORDERING. INCLUDED COMPONENTS: ONE LOW VOLTAGE BACK BOX, ONE AC OUTLET BACK BOX, BLOCK OFF PLATES, AND ONE PASS-THRU GROMMET. PROVIDE AS REQUIRED: POWER RECEPTACLES, COMMUNICATION JACKS, IPS INSERT PLATES, LOW VOLTAGE ENTRY BOXES, AND OTHER ACCESSORIES AS NEEDED. CONFIGURE BOX ACCORDING TO DETAILS.

[E] CEILING SUSPENDED VIDEO PROJECTOR: THE LOCATION OF THE AUDIOVISUAL, POWER AND TELECOM JUNCTION BOXES IN RELATION TO THE PROJECTION SCREEN IS CRITICAL. FOR VIDEO PROJECTOR INFRASTRUCTURE LAYOUT INFORMATION REFER TO THE TYPICAL PROJECTION SCREEN DETAIL AND OTHER REFERENCED DETAILS.

[F] PROJECTION SCREEN LOW VOLTAGE CONTROL SYSTEM: PROVIDE AC LINE VOLTAGE CONNECTION TO SCREEN CONTROL INTERFACE BUILT INTO MOTORIZED PROJECTION SCREEN HOUSING PER MANUFACTURER'S INSTRUCTION. PROVIDE LOW VOLTAGE WIRING CONNECTION FROM SCREEN CONTROL INTERFACE TO WALL MOUNTED PROJECTION SCREEN WALL SWITCH PER MANUFACTURER'S INSTRUCTION.

[G] PROJECT STANDARD OUTLET ELEVATION: MOUNT INDICATED DEVICES AT THE PROJECT STANDARD OUTLET HEIGHT. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL DETAILS.

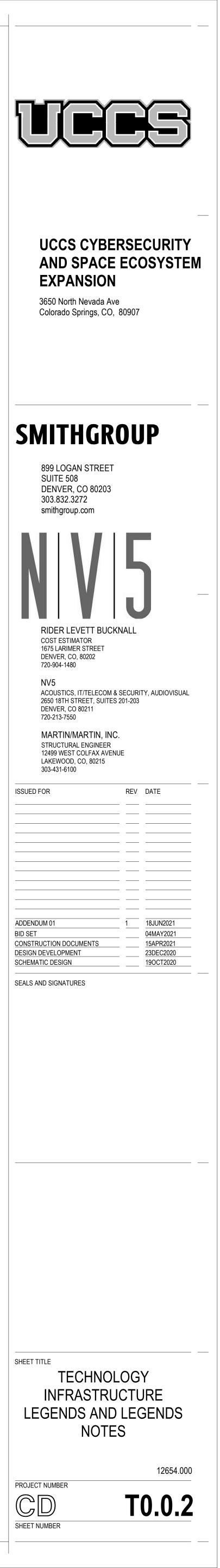
[I] CEILING-TILE RECESSED JUNCTION BOXES: USE A HEAVY DUTY QUICK CONNECT BOX HANGER (CADDY 512HD OR SIMILAR) FOR AUDIOVISUAL, POWER AND TELECOM JUNCTION BOXES RECESSED INTO LAY-IN CEILING TILES.

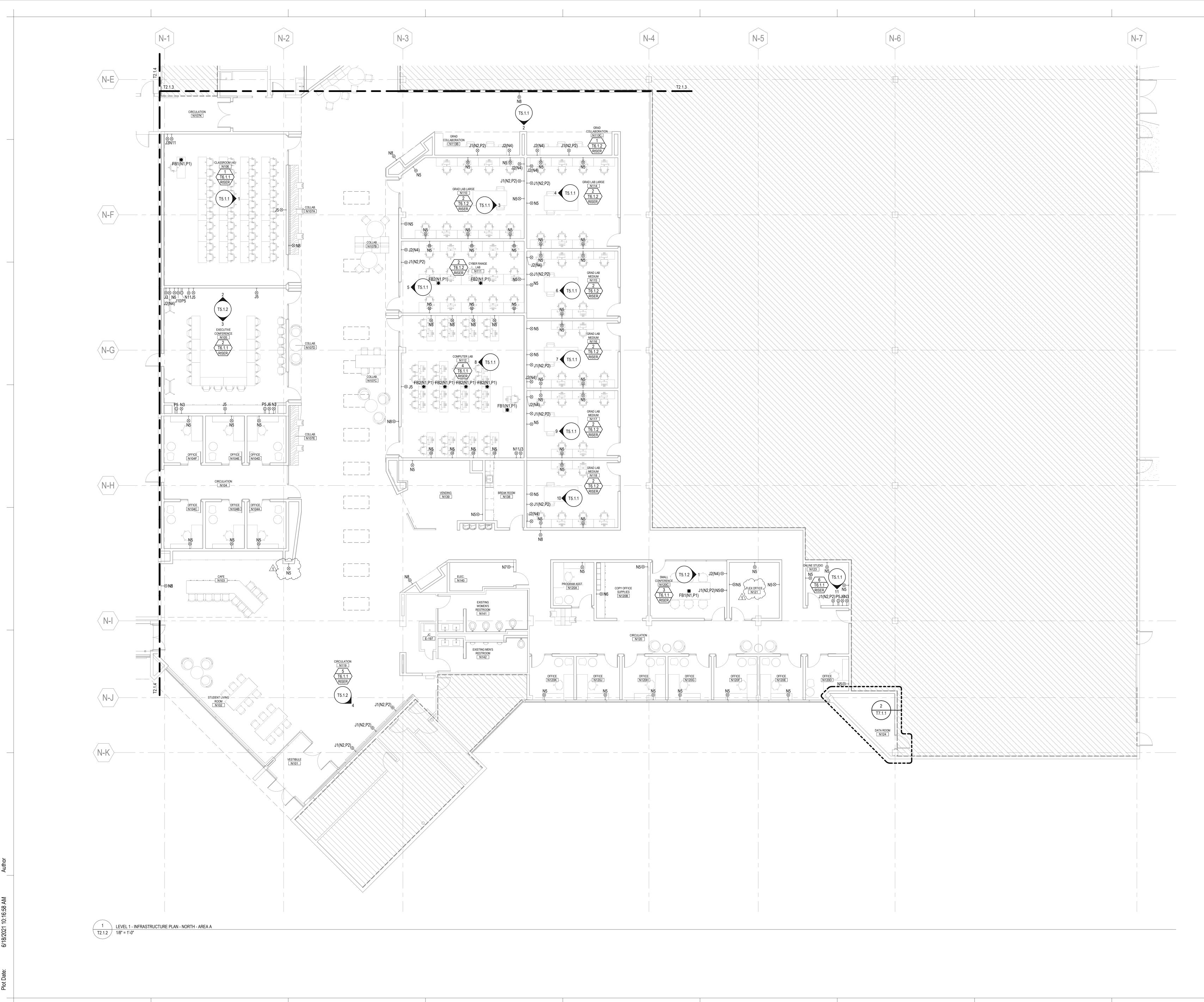
[J] TELECOM OUTLETS AND ASSOCIATED CONDUITS: CONDUIT MUST BE PROVIDED FOR ALL TELECOM JUNCTION BOXES. SEE THE "TELECOM TYPICAL CONDUIT RISER" FOR CONDUIT REQUIREMENTS BY TELECOM JUNCTION BOX TYPE. REFER TO THE TELECOM PLANS FOR THE LOCATIONS OF JUNCTION BOXES AND FLOOR BOXES, AND THE "TELECOM CABLING LEGEND" FOR OUTLET CONFIGURATION REQUIREMENTS. TELECOM CABLING, OUTLETS AND COVER PLATES PROVIDED BY THE STRUCTURED CABLING SYSTEMS CONTRACTOR.

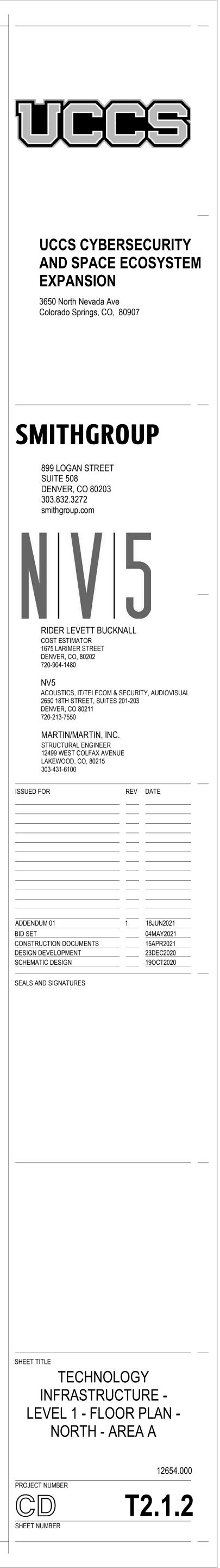
[K] POWER RECEPTACLES ADJACENT STANDARD TELECOM WALL OUTLETS: N# STANDARD TELECOM WALL OUTLETS SHOULD HAVE A DUPLEX POWER RECEPTACLE LOCATED WITHIN 36" OF THE TELECOM WALL OUTLET. IDEALLY, THE TELECOM OUTLET BOX WILL BE MOUNTED TO ONE SIDE OF A STUD, AND THE POWER BOX TO THE OPPOSITE SIDE OF THE STUD.

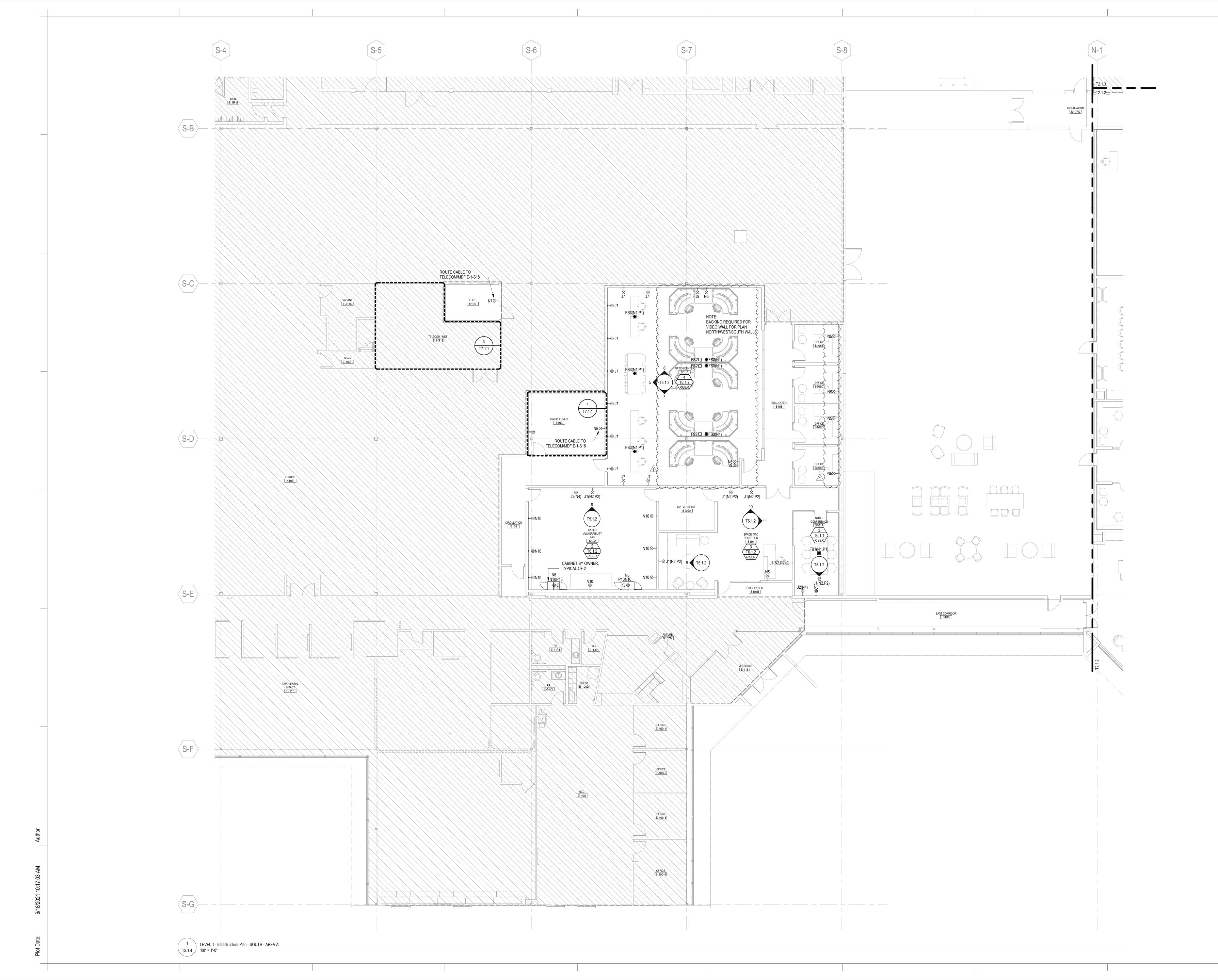
[L] POWER RECEPTACLES TECHNICAL POWER RECEPTACLES, INCLUDING THOSE WITHIN FLOOR BOXES, WALL BOXES, OR CEILING BOXES, ARE PROVIDED BY ELECTRICAL CONTRACTOR AND APPEAR ON THE ELECTRICAL DRAWINGS. THE TECHNICAL POWER RECEPTACLES ALSO APPEAR ON THE TECHNOLOGY INFRASTRUCTURE DRAWINGS FOR COORDINATION AND LOCATION PURPOSES. THE LOCATION OF TECHNICAL POWER RECEPTACLES IN RELATION TO OTHER TECHNOLOGY INFRASTRUCTURE MAY BE CRITICAL. REFER TO THE ELECTRICAL DRAWINGS FOR COMPLETE POWER LAYOUTS AND CIRCUITING DETAILS.

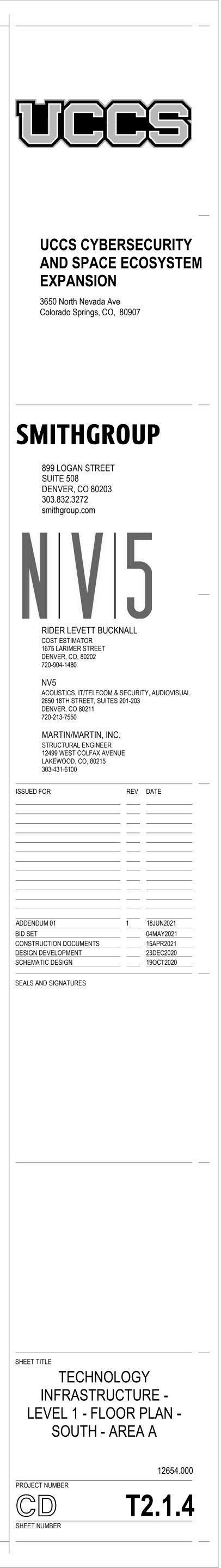
[M] ENERGY MANAGEMENT CONNECTION: TELECOM CONNECTION TO ENERGY/BUILDING MANAGEMENT EQUIPMENT. FIELD COORDINATE THE EXACT LOCATION, MOUNTING HEIGHT AND HANDOFF TYPE WITH THE ENERGY MANAGEMENT VENDOR AND/OR MECHANICAL AND ELECTRICAL CONTRACTORS.

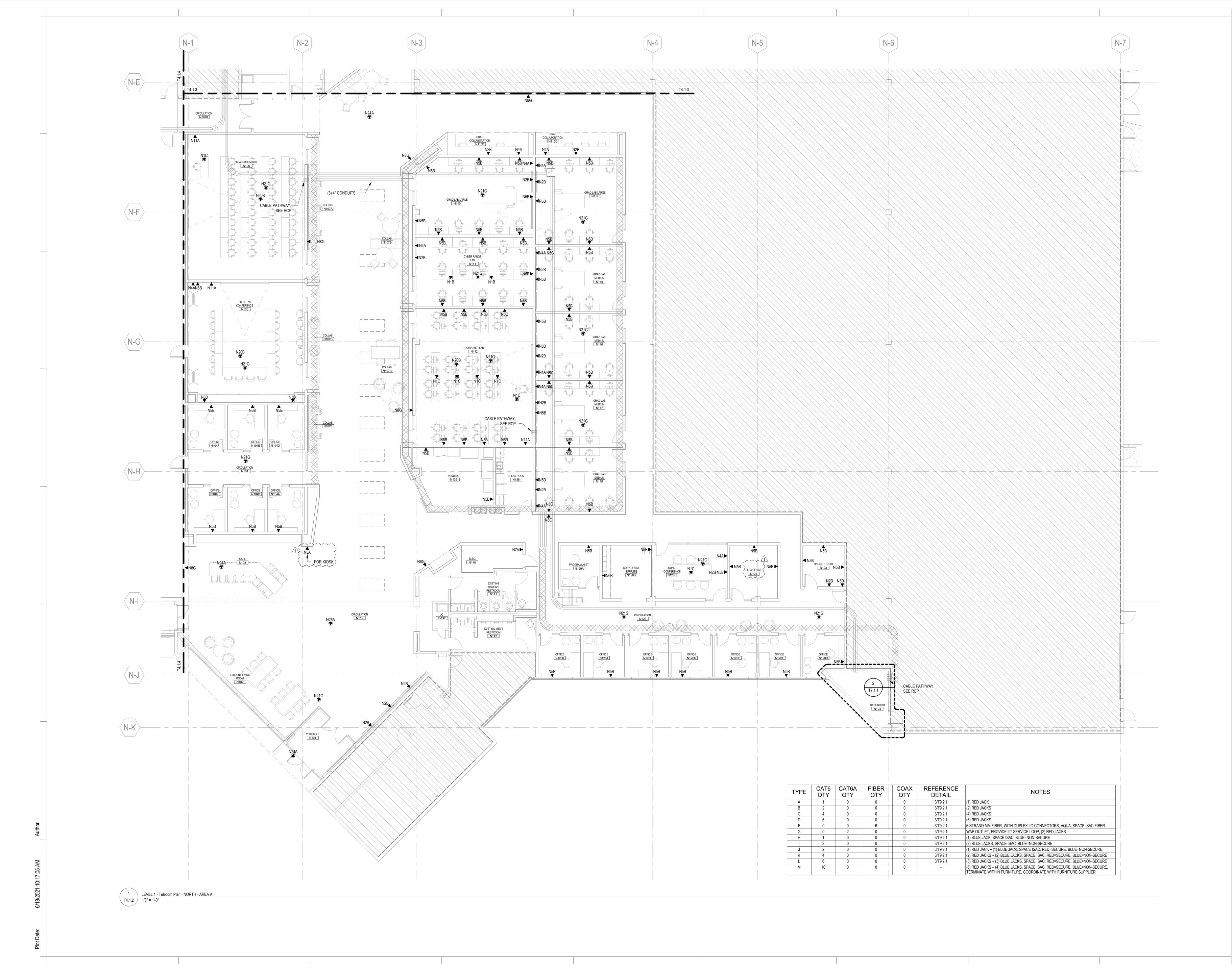




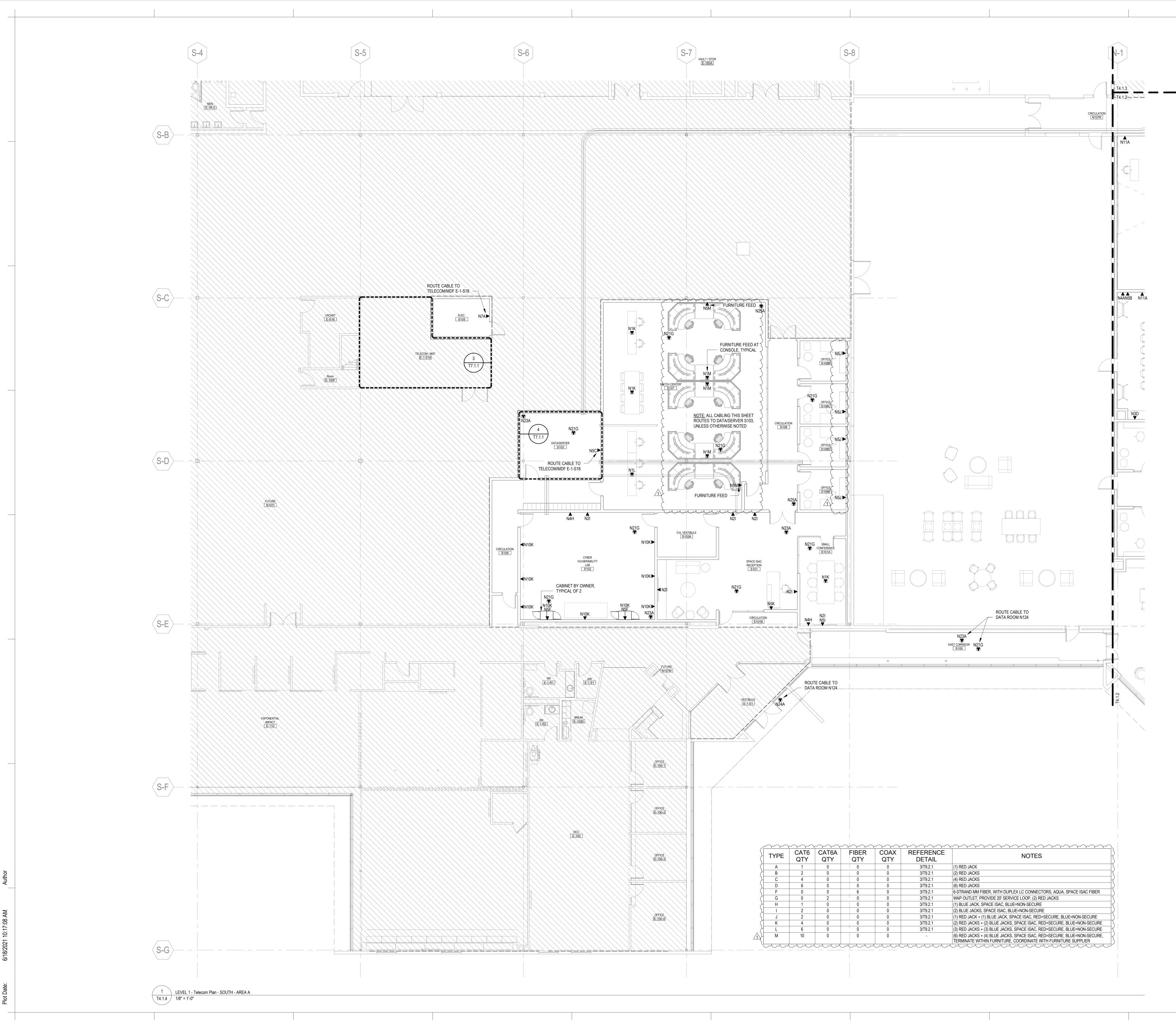


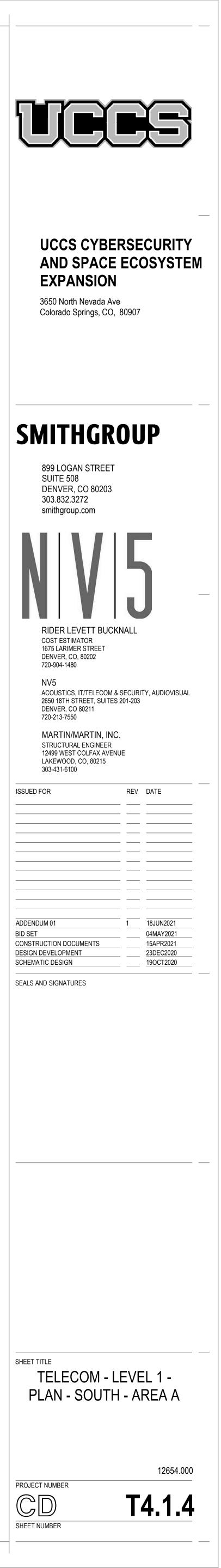


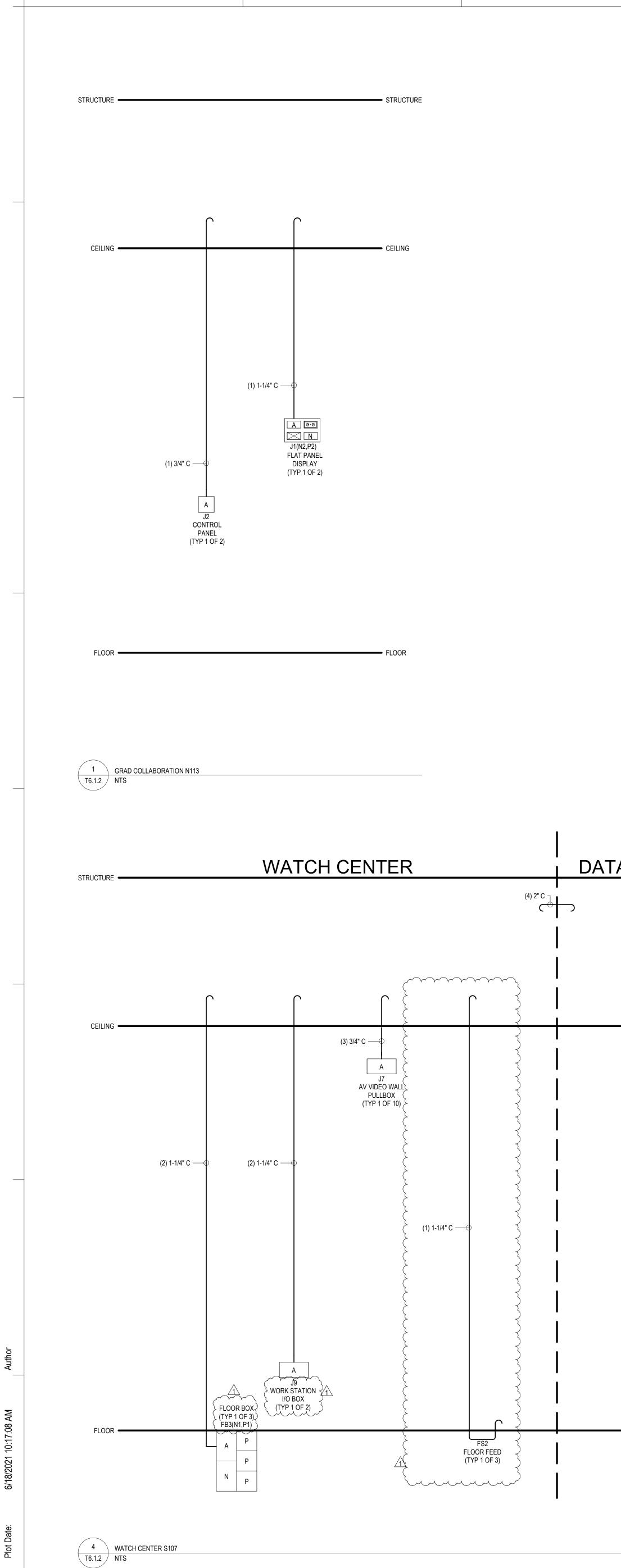












CEILING -(1) 1-1/4" C — A B·B J1(N2,P2) FLAT PANEL DISPLAY (1) 3/4" C -A J2 CONTROL PANEL

STRUCTURE 🗕

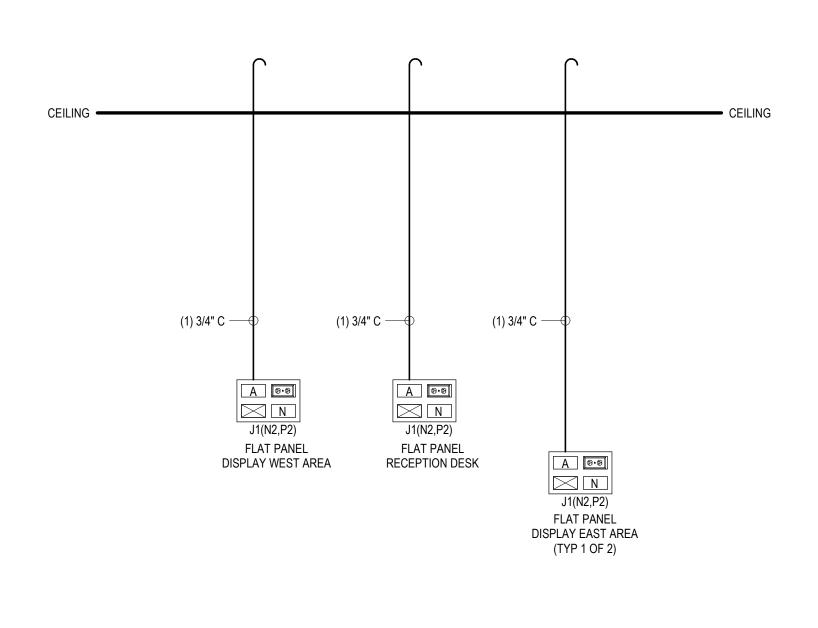
FLOOR -FLOOR

2 GRAD LAB / CYBER RANGE LAB / CYBER VULNERABILITY LAB N110, N111, N114, N115, N116, N117, N118, S102 T6.1.2 NTS

DATA/SERVER - STRUCTURE

- CEILING

- FLOOR



- STRUCTURE

FLOOR

STRUCTURE -

FLOOR -

3 SPACE ISAC RECEPTION S101 T6.1.2 NTS

