UILSTER COUNTY

GOVERNMENT OPERATIONS CENTER



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20 DECEMBER 2024



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GREENMAN-PEDERSEN INC.
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I.T. / A.V / SECURITY

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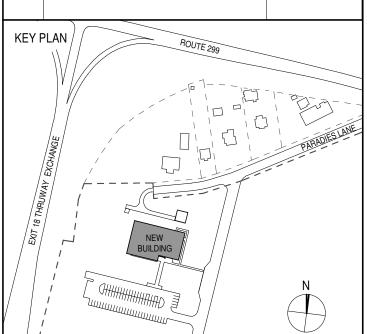
1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION

NO. DESCRIPTION

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PROJECT TITI

ULSTER COUNTY

GOVERNMENT OPERATIONS CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

PHASE

100% CDs - BID SET

DRAWING NAME

COVER SHEET

DONALD HENRY, JR.

PROJECT ARCHITECT/ENGINEER

DRAWN BY

UA

CHECKED BY

C YOUNG

UAI PROJECT NO. 2117-00

SCALE

SEAL

DATE

12/20/2024



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SECURITY

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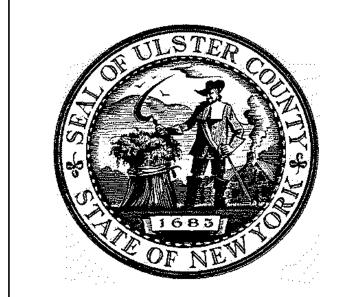
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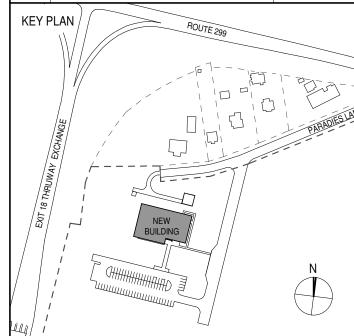
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GOVERNMENT OPERATIONS CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

PHASE

100% CDs - BID SET

DRAWING NAME

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DONALD HENRY, JR.

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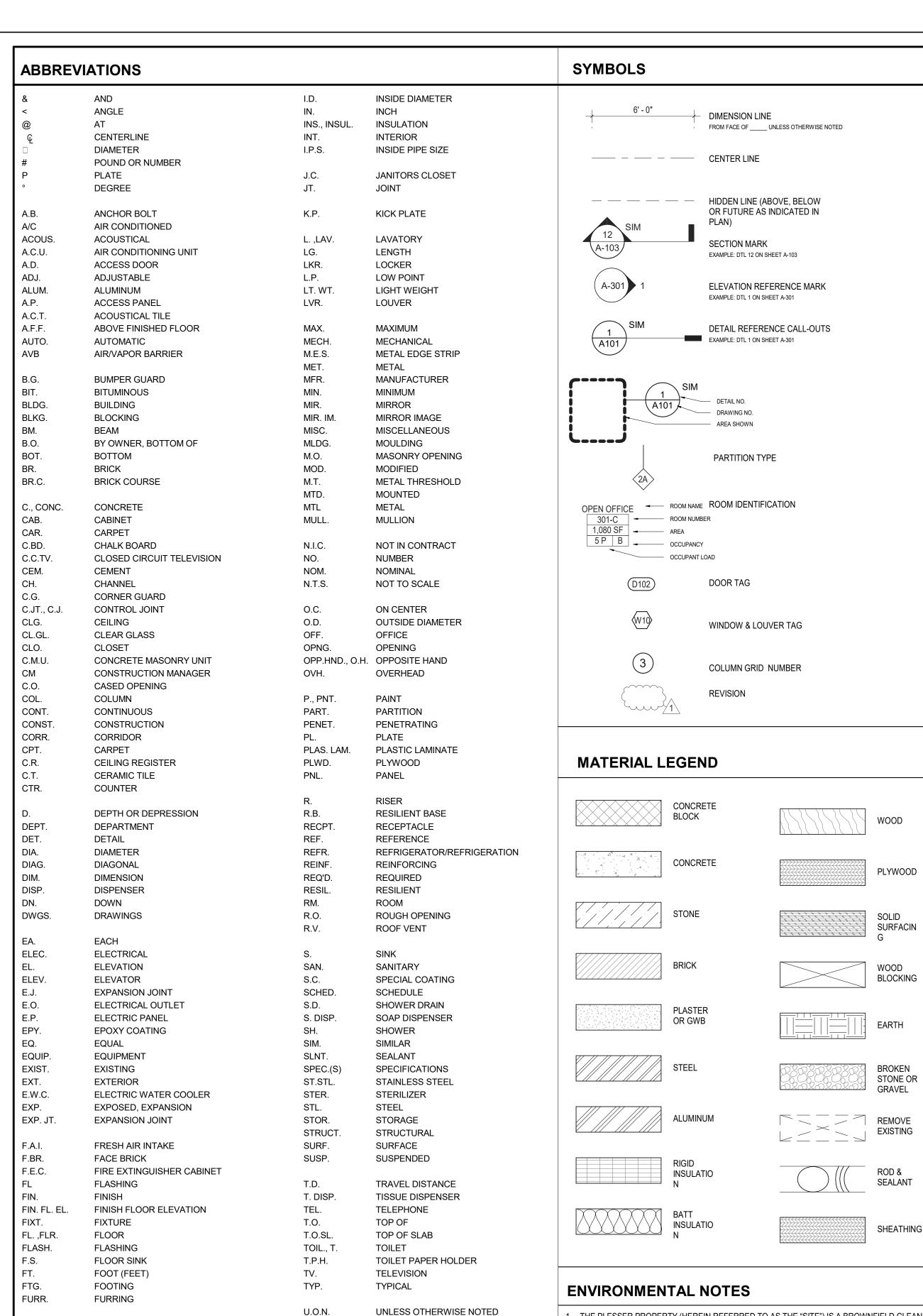
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UAI PROJECT NO. 2117-00 SCALE

SEAL DATE 12/20/2024



T-002



- THE PLESSER PROPERTY (HEREIN REFERRED TO AS THE "SITE") IS A BROWNFIELD CLEANUP PROGRAM (BCP) SITE (SITE NO. C356053) UNDER THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC).
- THE SITE IS SUBJECT TO A REMEDIAL ACTION WORK PLAN (RAWP) TO BE IMPLEMENTED DURING SITE DEVELOPMENT ACTIVITIES TO REMEDIATE SOILS CONTAMINATED WITH ARSENIC, DIELDRIN, LEAD AND MERCURY IN PORTIONS OF THE SITE
- A DRAFT RAWP IS CURRENTLY UNDER REVIEW BY NYSDEC, AND A COPY OF THAT DRAFT HAS BEEN APPENDED TO THE PROJECT MANUAL (AS 'APPENDIX C') A NYSDEC-APPROVED RAWP WILL BE PROVIDED TO CONTRACTORS / SUBCONTRACTORS UPON
- ALL WORK TO BE PERFORMED ON-SITE SHALL BE PERFORMED IN ACCORDANCE WITH APPROVED RAWP.
- REMEDIATION ACTIVITIES AS DESCRIBED IN THE APPROVED RAWP AND INCLUSIVE OF SITE GRADING. SOIL EXCAVATION, RELOCATION AND / OR DISPOSAL, AND BACKFILL IMPORTATION TO BE PERFORMED UNDER THE OVERSIGHT OF THE REMEDIATION ENGINEER.
- CONSTRUCTION OBSERVATION DURING REMEDIATION/SITE DEVELOPMENT ACTIVITIES TO BE CONDUCTED BY A REMEDIATION ENGINEER REPRESENTATIVE.

GENERAL NOTES

- THE FOLLOWING NOTES SHALL APPLY THROUGHOUT. EXCEPTIONS ARE SPECIFICALLY NOTED ON EACH DRAWING.
- WHERE DIMENSIONS ARE INDICATED, DIMENSIONS GOVERN OVER SCALE. ALL DIMENSIONS AND CONDITIONS SHOWN AND ASSUMED ON THE DRAWINGS MUST BE VERIFIED AT THE SITE BY THE CONTRACTOR BEFORE ORDERING ANY MATERIAL OR DOING ANY WORK. ANY DISCREPANCIES IN THE DRAWINGS AND SPECIFICATIONS SHALL BE REPORTED TO THE ARCHITECT AND CONSTRUCTION MANAGER. NO CHANGE IN DRAWINGS OR SPECIFICATIONS IS PERMISSIBLE WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT/ENGINEER. NO WORK SHALL PROCEED UNTIL SUCH DISCREPANCY HAS BEEN RECTIFIED.
- : THE CONTRACTOR SHALL, UNLESS OTHERWISE PROVIDED IN THE CONTRACT DOCUMENTS, SECURE AND PAY FOR REQUIRED INSPECTIONS, PERMIT(S), FEES, LICENSE AND INSPECTIONS NECESSARY FOR THE PROPER EXECUTION OF THE WORK.
- 3. APPLICATION FOR CONSTRUCTION PERMITS SHALL BE PROCESSED THRU THE BUILDING CODE COMPLIANCE DIVISION OF THE AUTHORITY HAVING JURISDICTION.
- 4. COORDINATION OF ALL WORK UNDER THIS CONTRACT SHALL BE MAINTAINED TO ENSURE THE QUALITY AND TIMELY COMPLETION OF THE WORK / PROJECT.
- 5. THE CONTRACTOR SHALL PERFORM ALL CUTTING AND PATCHING REQUIRED TO COMPLETE THE WORK OR TO MAKE ITS PARTS FIT TOGETHER PROPERLY WITHOUT COMPROMISING THE QUALITY OF THE WORK.
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, DISTORTIONS AND OFF-ALIGNMENTS ACCORDING TO CODES AND STANDARDS OF GOOD PRACTICE.
- ALL ELEVATIONS SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AS ESTABLISHED AND MAINTAINED BY NATIONAL GEODETIC SURVEY OF THE NATIONAL OCEAN SERVICE, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION OR SUCCESSOR AGENCY.
- 8. THE TERM "FINISH FLOOR" SHALL MEAN THE NORMAL FINISHED SURFACE OF THE FLOOR LEVEL.
- 9. THE CONTRACTOR SHALL NOT CONSTRUCT, UNLESS OTHERWISE NOTED, INTERIOR PARTITION WALLS TO FULL HEIGHT UNTIL ALL PIPES, DUCTS, ETC. ARE IN PLACE AND TESTED.
- 10. THE CONTRACTOR SHALL INSTALL SUSPENDED CEILINGS TO MEET THE CEILING HEIGHT REQUIREMENTS INDICATED IN THE ROOM FINISH SCHEDULE.
- 11. THE CONTRACTOR SHALL PATCH AND REPAIR ALL DAMAGED OR EXPOSED SURFACES DUE TO CONTRACT WORK. ALL NEWLY INSTALLED, PATCHED WORK AND ALL AFFECTED AREAS SHALL BE PAINTED. ALL PAINTING WORK SHALL BE PERFORMED TO COVER THE ENTIRE HORIZONTAL OR VERTICAL SURFACE TO THE CLOSEST CORNER IN ALL FOUR DIRECTIONS.
- 12. FLOORS IN SPACES WITH MULTIPLE FLOOR DRAINS SHALL BE PITCHED TO THE FLOOR DRAIN
- 13. AT TOILET AREAS AND OTHER LOCATIONS WITH ONE DRAIN ONLY, PROVIDE DRAIN 1/4" BELOW FINISH FLOOR AND PROVIDE A TWO (2) FEET SWALE IN CONCRETE TO
- 14. THE CONTRACTOR SHALL NOT INSTALL SUSPENDED OR FURRED CEILINGS IN AREAS WHERE PIPES ARE TO BE CONCEALED (HEATING, PLUMBING) UNTIL THE PIPING HAS
- 15. ALL VERTICAL SHAFTS SHALL HAVE A MINIMUM FIRE RATING OF 2-HOURS UNLESS REQUIRED OTHERWISE BY CODES DUE TO OCCUPANCY ADJACENCIES.
- 16. ALL LOOSE LINTELS GREATER THAN 4'-0" SHALL BE FIREPROOFED AS PER BUILDING CODE.
- 17. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF PLUMBING FIXTURES PRIOR TO THE CONSTRUCTION OF PARTITIONS BEHIND SUCH FIXTURES.
- 18. THE DISTANCE FROM DOOR JAMBS TO ADJACENT PARTITIONS, BUILT-IN FURNITURE OR OTHER FURNISHINGS ON THE HINGE SIDE SHALL NOT BE LESS THAN 4" UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- 19. THE CONTRACTOR SHALL EXTEND FLOORING MATERIAL INTO ALL CLOSETS.
- 20. ALL ELECTRICAL INDICATIONS ON ARCHITECTURAL DRAWINGS ARE FOR LOCATION PURPOSES ONLY.
- 21. THE CONTRACTOR SHALL COORDINATE OPENINGS IN THE FOUNDATION AND EXTERIOR WALLS FOR THE INSTALLATION OF CONDUITS AND BOXES FOR ELECTRICAL **EQUIPMENT**
- 22. THE CONTRACTOR SHALL EXTEND ALL WALL FINISHES A MINIMUM OF 6" ABOVE THE SUSPENDED CEILING.
- 23. UNLESS OTHERWISE NOTED, EXTERIOR MASONRY SHALL BE INSTALLED IN A RUNNING BOND.
- 24. WHERE MANUFACTURER'S NAMES AND PRODUCT NUMBERS ARE INDICATED ON DRAWINGS, IT SHALL BE CONSTRUED TO MEAN THE ESTABLISHMENT OF QUALITY AND PERFORMANCE STANDARDS OF SUCH ITEMS. ALL OTHER PRODUCTS MUST BE SUBMITTED TO THE ARCHITECT FOR APPROVAL BEFORE THEY SHALL BE DEEMED EQUAL.
- 25. FIRESTOPPING SHALL BE INSTALLED AT ALL PENETRATIONS OF FIRE RATED CONSTRUCTION AS PER SPECIFICATIONS. FIRESTOPPING MATERIALS ARE TO BE APPROPRIATE FOR, AND BE PART OF A LISTED AND LABELED ASSEMBLY IN ACCORDANCE WITH THE BUILDING CODE.
- 26. LOCATIONS AND DIMENSIONS OF CONCRETE EQUIPMENT PADS IN THESE DRAWINGS ARE APPROXIMATE. FINAL LOCATIONS AND SIZES MUST BE COORDINATED WITH THE EQUIPMENT MANUFACTURER AND ARE SUBJECT TO APPROVAL WITH THE EQUIPMENT SHOP DRAWINGS. THERE SHALL BE NO ADDITIONAL MONIES PAID FOR INCREASE IN SIZE OF PAD DUE TO DIFFERENCE IN SIZE OF THE EQUIPMENT CHOSEN BY THE CONTRACTOR FROM THAT OF MODEL NUMBER/SIZE INDICATED IN CONTRACT
- 27. THE CONTRACTOR SHALL COORDINATE AND INSTALL ALL CLEANOUT AND ACCESS DOORS IN PARTITIONS AND HUNG CEILINGS AS REQUIRED BY THE CONTRACT DOCUMENTS. WHETHER OR NOT THEY ARE SPECIFICALLY CALLED FOR ON THE DRAWINGS.
- 28. UNLESS OTHERWISE NOTED, DIMENSIONS ON PLANS ARE INDICIATED TO / FROM FACE OF STUD OR TO / FROM FACE OF STRUCTURE.
- 29. SIZE OF MASONRY UNITS AND WOOD MEMBERS ON PLANS, BUILDING ELEVATIONS AND SECTIONS ARE SHOWN AS NOMINAL SIZE
- 30. PROVIDE DEPRESSED SLABS AND MEMBRANE WATERPROOFING IN WET AREAS WITH MULTIPLE FLOOR DRAINS SUCH AS KITCHENS, SHOWER AREAS, LOCKER ROOMS,
- 31. DEPRESSED SLABS ARE REQUIRED IN AREAS TO RECEIVE FOOT GRILLE, SUCH AS: MAIN LOBBY VESTIBULE.
- 32. THE CONTRACTOR SHALL INCLUDE ALL PREPARATORY AND ASSOCIATED SUPPLEMENTARY WORK TO PROVIDE A COMPLETE AND FINISHED INSTALLATION.
- 33. PROVIDE GUARDS, RAILS, BARRICADES, FENCES, CATCH PLATFORMS, DECKING, NIGHT LIGHTING, ETC., AS REQUIRED BY SECTION BC 3307.3 OF THE 2020 NEW YORK STATE BUILDING CODE AND AS REQUIRED TO PROVIDE ADEQUATE PROTECTION.
- 34. THE CONTRACTOR SHALL KEEP WORK SITE FREE FROM DEBRIS AND ACCUMULATED REFUSE, AND SHALL HAVE SOLE RESPONSIBILITY FOR PROTECTING ALL DANGEROUS AREAS FROM ENTRY BY UNAUTHORIZED PARTIES, SITE SHALL BE LEFT BROOM CLEAN AT THE END OF EACH WORKING DAY.
- 35. THE AIR LEAKAGE OF FENESTRATION ASSEMBLIES SHALL BE IN ACCORDANCE WITH ASHRAE 90.1-2016, 5.4.3.2.
- 36. CONSTRUCTION DOCUMENTS SHALL REQUIRE THAT WITHIN 90 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE, RECORD DRAWINGS OF THE ACTUAL INSTALLATION BE PROVIDED TO THE BUILDING OWNER PER ASHRAE 90.1-2016 6.7.2.1
- 37. ADDITIONAL NOTES WHICH ARE APPLICABLE TO THIS PROJECT MAY BE FOUND THROUGHOUT THE CONTRACT DOCUMENTS.
- 38. ROOM NUMBERS ARE FOR CONSTRUCTION PURPOSES ONLY.
- 39. PARTITION CONSTRUCTION MAY EXCEED RATING REQUIRED BY APPLICABLE CODES.
- 40. ROUGH OPENING DIMENSIONS ARE NOMINAL.
- 41. PROVIDE REINFORCING FOR WALL HUNG CASEWORK AND EQUIPMENT INCLUDING OWNER FURNISHED ITEMS, AT GWB PARTITIONS. COORDINATE WITH EQUIPMENT PLAN.
- 42. CHANGES IN FLOOR FINISH SHALL OCCUR BENEATH DOORS UNLESS OTHERWISE NOTED.
- 43. RATED PARTITIONS SHALL EXTEND TO THE UNDERSIDE OF THE STRUCTURE ABOVE AND SHALL BE PROTECTED TO MAINTAIN INTEGRITY OF RATING. ALL UNRATED PARTITIONS EXPOSED TO VIEW DUE TO ABSENCE OF DROPPED CEILING WILL BE TO UNDERSIDE OF DECK.
- 44. PROVIDE UL LABELED DOORS & FRAMES AT ALL RATED DOOR LOCATIONS AS INDICATED ON THE DOOR SCHEDULE. DO NOT PROVIDE UL LABELS ON ANY UNRATED DOORS OR FRAMES.
- 45. FOR SIZES OF LOUVERS, GRILLES AND DIFFUSERS, SEE MECHANICAL DRAWINGS AND ARCHITECTURAL ELEVATIONS.
- 46. THE PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL FLOOR DRAINS, WHERE INDICATED ON THE PLUMBING DRAWINGS. THE CONTRACTOR SHALL COORDINATE EXACT LOCATIONS WITH THE ARCHITECTURAL PLANS.
- 47. CONTRACTOR TO PROVIDE AND INSTALL CONCRETE EQUIPMENT PADS. COORDINATE WITH MEP EQUIPMENT TO DETERMINE PAD SIZE. ALL PADS SHALL EXTEND A MINIMUM 5" BEYOND ALL SIDES OF EQUIPMENT.
- 48. COMPLY WITH UL RATING INDICATED ON DETAIL DRAWINGS. COORDINATE WALL RATINGS TO COMPLY WITH THOSE INDICATED ON SHEET A-050.
- 49. COORDINATION OF ALL WORK UNDER THIS CONTRACT SHALL BE MAINTAINED TO ENSURE THE QUALITY AND TIMELY COMPLETION OF THE WORK/PROJECT.
- 50. PROVIDE SEALANT AT WALL JOINTS OF DISSIMILAR MATERIALS.
- 51. SEAL AND PROTECT PENETRATIONS AND JOINTS AT RATED PARTITIONS, WALLS, FLOORS, CEILINGS AND ROOF TO MAINTAIN FIRE RATING INDICATED.
- 52. REFER TO MECHANICAL DRAWINGS FOR LOCATION AND DETAILS OF FIRE DAMPERS AND FIRESTOPPING.
- 53. U.O.N. COLORS SHALL BE SELECTED BY ARCHITECT FROM MANUFACTURER'S STANDARD RANGE OF COLORS. 54. FOR ORIENTATION OF STEEL COLUMNS, SEE STRUCTURAL
- 55. PROVIDE SIGNAGE AT INTERIOR DOORS.
- 56. ALL VISION PANELS IN DOORS TO BE CLASS I SAFETY GLAZING, EXCEPT AT DOORS WHERE VISION PANELS ARE OVER 9 SF, WHICH SHALL RECEIVE CLASS II SAFETY GLAZING.

BUILDING DEPARTMENT NOTES

THE FOLLOWING NOTES SHALL APPLY THROUGHOUT:

- WORK SHALL BE EXECUTED IN FULL COMPLIANCE WITH THE APPLICABLE PROVISIONS OF ALL LAWS, BY-LAWS, STATUTES, ORDINANCES, CODES, RULES, REGULATIONS AND LAWFUL ORDERS OR PUBLIC AUTHORITIES BEARING ON THE PERFORMANCE AND EXECUTION OF THE WORK. WORK SHALL BE IN CONFORMANCE WITH THE 2020 CONSTRUCTION CODES. THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ARCHITECT AND CONSTRUCTION MANAGER OF ANY PORTIONS OF THE WORK, IN THE CONTRACT DOCUMENTS THAT ARE AT VARIANCE WITH THE ABOVE.
- ALL MATERIALS, ASSEMBLIES, FORMS OF CONSTRUCTION AND SERVICE EQUIPMENT REGULATED BY CODE SHALL HAVE BEEN ACCEPTABLE PRIOR TO THE EFFECTIVE DATE OF THE CODE
- MATERIALS OR ASSEMBLIES REQUIRED TO HAVE A FIRE RESISTANCE RATING SHALL COMPLY WITH CHAPTER 7 OF THE 2020 BUILDING CODE OF NEW YORK
- ALL MASONRY UNITS AND MASONRY CONSTRUCTION SHALL COMPLY WITH CHAPTER 21 OF THE 2020 BUILDING CODE OF NEW YORK STATE
- THE CONSTRUCTION CLASSIFICATION OF THE BUILDING IS "TYPE IB" (TABLE 601). THE CONSTRUCTION ELEMENTS SHALL BE OF THE REQUIRED MINIMUM FIRE RESISTANCE RATINGS AS OUTLINED IN TABLE 601 AND DEFINED IN CHAPTER 6 OF THE 2020 NYS BUILDING CODE. ALLOWABLE BUILDING HEIGHT AND AREAS SHALL NOT EXCEED AS OUTLINED IN TABLE 503.
- THE VARIOUS OCCUPANCIES REQUIRED TO BE SEPARATED FROM EACH OTHER BY FIRE SEPARATION SHALL BE IN ACCORDANCE WITH 2020 NYS BUILDING CODE 508.2 OR 508.3 AND TABLE 508.4. FIRE SEPARATIONS FOR INCIDENTAL USE AREAS SHALL BE IN ACCORDANCE WITH 2020 NYS BC 509.4 AND TABLE 509.
- AN ACCURATE AND COMPLETE FINAL LOT SURVEY BY A DULY LICENSED SURVEYOR REQUIRED BY SECTION 28-118.4 OF TITLE 28 SHALL BE FILED AS AN AMENDMENT BEFORE COMPLETION OF THE PROJECT.
- THE CONTRACTOR'S LICENSED PROFESSIONAL IS RESPONSIBLE FOR FILING APPLICATION AND OBTAINING PERMITS FOR ANY OTHER CONSTRUCTION EQUIPMENT OR PUBLIC PROTECTIVES REQUIRED TO ENSURE SAFETY OF OPERATION AND THE PUBLIC AS PER 2020 NYS CONSTRUCTION CODE, CHAPTER 33, SECTION BC 3307. THE CONTRACTOR IS ALSO RESPONSIBLE FOR OBTAINING LETTER OF COMPLETION.
- THESE DRAWINGS HAVE BEEN PREPARED BY OR AT THE DIRECTION OF THE UNDERSIGNED AND TO THE BEST OF THE UNDERSIGNED'S KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT ARE IN COMPLIANCE WITH THE CONSTRUCTION CODES, INCLUDING THE 2020 NEW YORK STATE ENERGY CONSERVATION CODE.
- 10. ALL WORK SHALL COMPLY WITH SECTION 1009 AND CHAPTER 11 "ACCESSIBILITY" OF THE 2020 NYS BUILDING CODE AND ICC A117.1-2009.
- 11. ALL NEW INTERIOR FINISHES SHALL BE CONSTRUCTED OF MATERIALS MEETING CHAPTER 8 FOR FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS OF THE
- 12. ALL PLUMBING FIXTURES INSTALLED UNDER THIS CONTRACT SHALL COMPLY WITH TABLE 403.1 OF THE 2020 NYS PLUMBING CODE.

14. EXIT LIGHTING INSTALLED UNDER THIS CONTRACT SHALL BE AS PER 2020 NYS

13. PANIC HARDWARE INSTALLED UNDER THIS CONTRACT SHALL BE AS PER 2020 NYS BUILDING CODE SECTION 1010.1.10.

2020 NYS BUILDING CODE.

- BUILDING CODE SECTION 1008, WITH EMERGENCY POWER MEETING THE REQUIREMENTS OF 2020 NYS BUILDING CODE SECTION 1008.3.
- 15. EXIT SIGNAGE INSTALLED UNDER THIS CONTRACT SHALL BE AS PER 2020 NYS BUILDING CODE SECTION 1013, WITH EMERGENCY POWER MEETING THE REQUIREMENTS OF 2020 NYS BUILDING CODE SECTION 1013.6.3.
- 16. EMERGENCY POWER. IF REQUIRED. UNDER THIS CONTRACT SHALL BE INSTALLED AS PER 2020 NYS BUILDING CODE CHAPTER 27.
- 17. ALL AISLES LEADING TO EXITS SHALL BE CONSTRUCTED WITH A MINIMUM

UNOBSTRUCTED WIDTH OF 3'-0" UNDER THIS CONTRACT.

- 18. FIRE ALARM PULL HANDLES INSTALLED UNDER THIS CONTRACT SHALL BE 4'-0" ABOVE THE FINISHED FLOOR TO THE TOP OF THE HANDLE.
- 19. NO SEPARATION IS REQUIRED BETWEEN ACCESSORY OCCUPANCY AND ITS MAIN OCCUPANCY AS PER 2020 NYS BUILDING CODE 508.2.4. THE AGGREGATE OF ALL ACCESSORY OCCUPANCIES LOCATED ON A SINGLE STORY SHALL NOT OCCUPY

MORE THAN 10% OF THE FLOOR AREA OF THE STORY IN WHICH THEY ARE

- LOCATED AS PER 2020 NYS BUILDING CODE SECTION 508.2.3. 20. FOLLOW CHAPTER 33 OF THE 2020 NYS BUILDING CODE FOR PROTECTION OF THE PUBLIC AND ADJACENT PROPERTIES.
- 1. (A) ECC CHAPTER C4 HAS BEEN USED FOR DESIGN, AS REFLECTED IN THE ENERGY ANALYSIS. THE RESPECTIVE REFERENCES AND CITATIONS FOR THE ECC ARE LISTED FOR THE PROGRESS INSPECTION.
- (B) ASHRAE 90.1 HAS BEEN USED FOR DESIGN, AS REFLECTED IN THE ENERGY ANALYSIS, THE RESPECTIVE REFERENCES AND CITATIONS FOR ASHRAE 90.1 ARE
- LISTED FOR THE PROGRESS INSPECTION. 22. PROGRESS INSPECTIONS REQUIRED TO BE PERFORMED DURING CONSTRUCTION FOR ANY NEW BUILDING, ADDITION OR ALTERATION PROJECT
- ARE IDENTIFIED BY THE APPLICANT ACCORDING TO THE SCOPE OF WORK AND LISTED AND DESCRIBED IN THE DRAWINGS. IN ACCORDANCE WITH 2020 NYS BUILDING CODE CHAPER 17, WHERE AN INSPECTION OR TEST FAILS, THE CONSTRUCTION SHALL BE CORRECTED.
- 23. IN ACCORDANCE WITH 2020 NYS BUILDING CODE CHAPTER 17, CONSTRUCTION SHALL BE SCHEDULED TO ALLOW REQUIRED PROGRESS INSPECTIONS TO TAKE PLACE, AND THAT ROOFS, CEILINGS, INTERIOR WALLS, FLOORS AND ANY OTHER CONSTRUCTION SHALL NOT BE COVERED OR ENCLOSED UNTIL REQUIRED PROGRESS INSPECTIONS ARE COMPLETED OR THE PROGRESS INSPECTOR INDICATES THAT SUCH COVERING OR ENCLOSURE MAY PROCEED AT EACH STAGE OF CONSTRUCTION, AS APPLICABLE.

24. FIRE RATED DOOR AND FRAME ASSEMBLIES SHALL BE LABELED BY AN

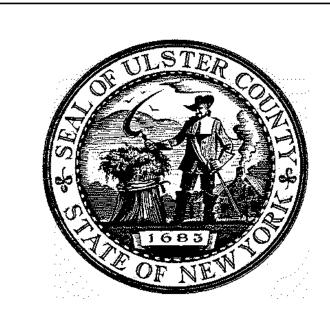
PERMANENTLY AFFIXED TO THE DOOR AND FRAME AS PER SECTION BC 716.2.9.1 OF THE 2020 NYS BUILDING CODE.

APPROVED AGENCY. THE LABELS SHALL COMPLY WITH NFPA 80, AND SHALL BE

- 25. FIRESTOPPING SHALL BE INSPECTED IN ACCORDANCE WITH ASTM E2174 BY THE
- 26. ELECTROMAGNETICALLY LOCKED EGRESS DOORS SHALL COMPLY WITH SECTION BC 1010.1.4.2 OF THE 2020 NYS BUILDING CODE.
- 27. FIRE DOOR FRAMES WITH TRANSOM LIGHTS AND SIDELIGHTS SHALL COMPLY WITH SECTION BC 716.2 THE 2020 NYS BUILDING CODE.
- 28. HANDRAILS AND GUARDS SHALL BE DESIGNED TO RESIST THE LOADS AND TRANSFER SUCH LOADS TO THE STRUCTURE IN ACCORDANCE WITH SECTION BO 1607.8 OF THE 2020 BUILDING CODE.
- 29. DOOR HARDWARE MUST BE ACCESSIBLE PER CHAPTER 11 "ACCESSIBILITY" OF THE 2020 NYS BUILDING CODE
- 30. THE OPENING FORCE FOR DOORS MAY NOT EXCEED MAXIMUM AS PER 2020 NYS BUILDING CODE SECTION 1008.1.3

SPECIAL INSPECTIONS

REFER TO SHEET S-002 'SPECIAL INSPECTIONS'



PARTNER ARCHITECT

URBAHN ARCHITECTS

306 WEST 37TH STREET, NEW YORK, NY 10018

www.urbahn.com • TEL: 212.239.0220 • FAX: 212.563.5621

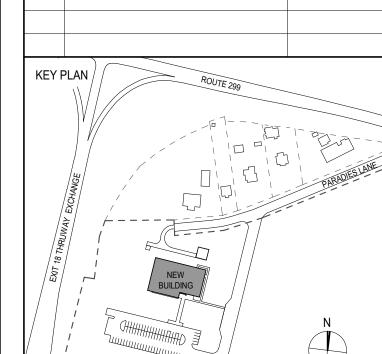
ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC 80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY

CERAMI ASSOCIATES 1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION NO. DESCRIPTION 20 DEC 2024 100% CD - BID SET



ULSTER COUNTY GOVERNMENT **OPERATIONS**

10 PARADIES LANE NEW PALTZ, NY 12561

CENTER

100% CDs - BID SET

DRAWING NAME

ABBREVIATIONS, SYMBOLS & **LEGENDS**

DONALD HENRY, JR DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER

DRAWN BY UA | CHECKED BY C YOUNG UAI PROJECT NO. 2117-00 | SCALE

As indicated 12/20/2024

RFB-UC24-148C 3 OF 227

GAUGE

GALVANIZED

GENERAL CONTRACTOR

GYPSUM WALL BOARD

GROUND FACE CONCRETE MASONRY UNIT

GRAB BAR

GLASS

GRADE

GYPSUM

HOT DIPPED

HARDWARE

GA.,GAGE

GALV.

GFCMU

GYP.

HDW.

G.W.B., GYP.

UHPC

VEST

V.I.F.

W.C.

WD.

WDO.

W/O

W.M.

ULTRA HIGH PERFORMANCE CONCRETE

VESTIBULE

VERIFY IN FIELD

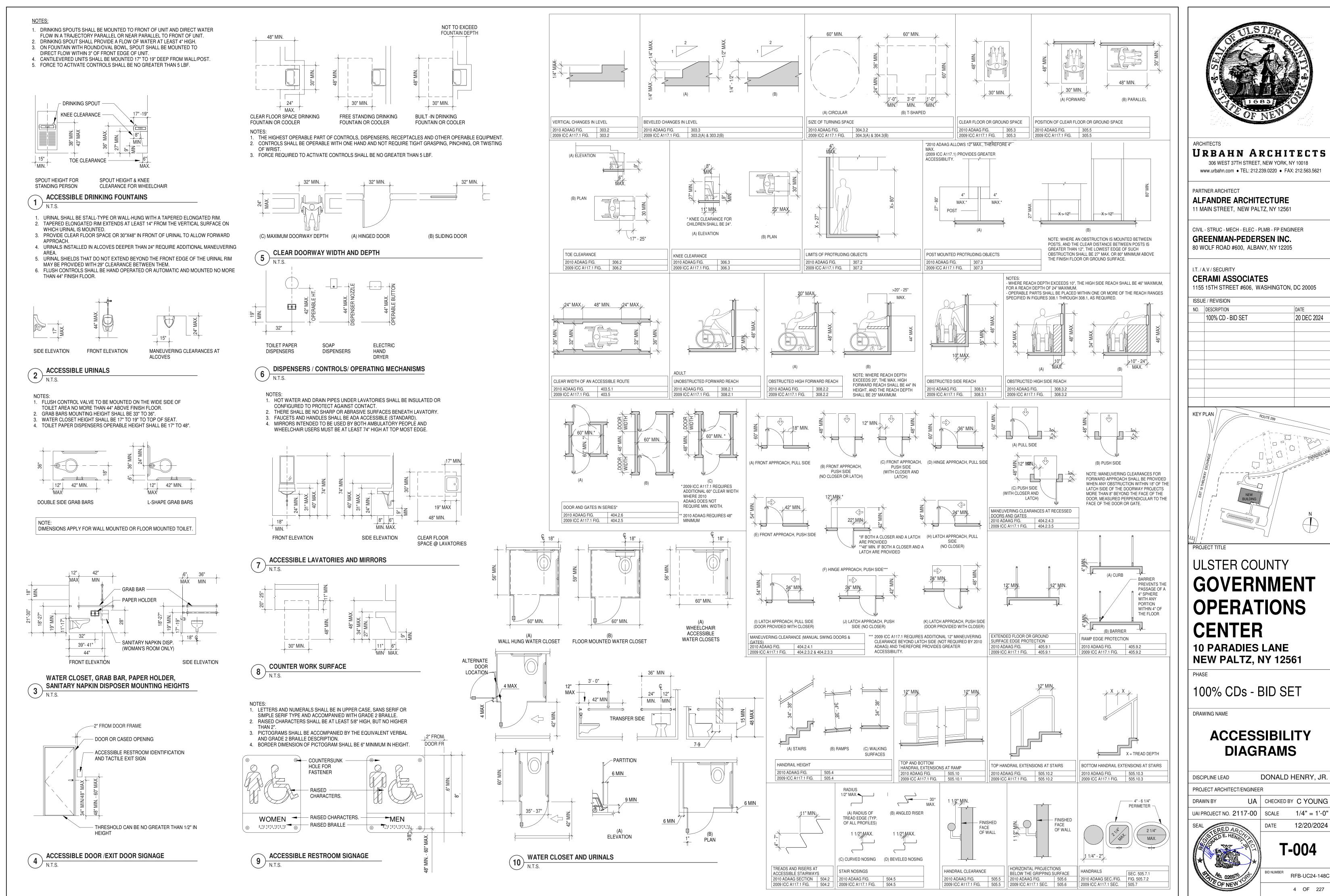
WATER CLOSET

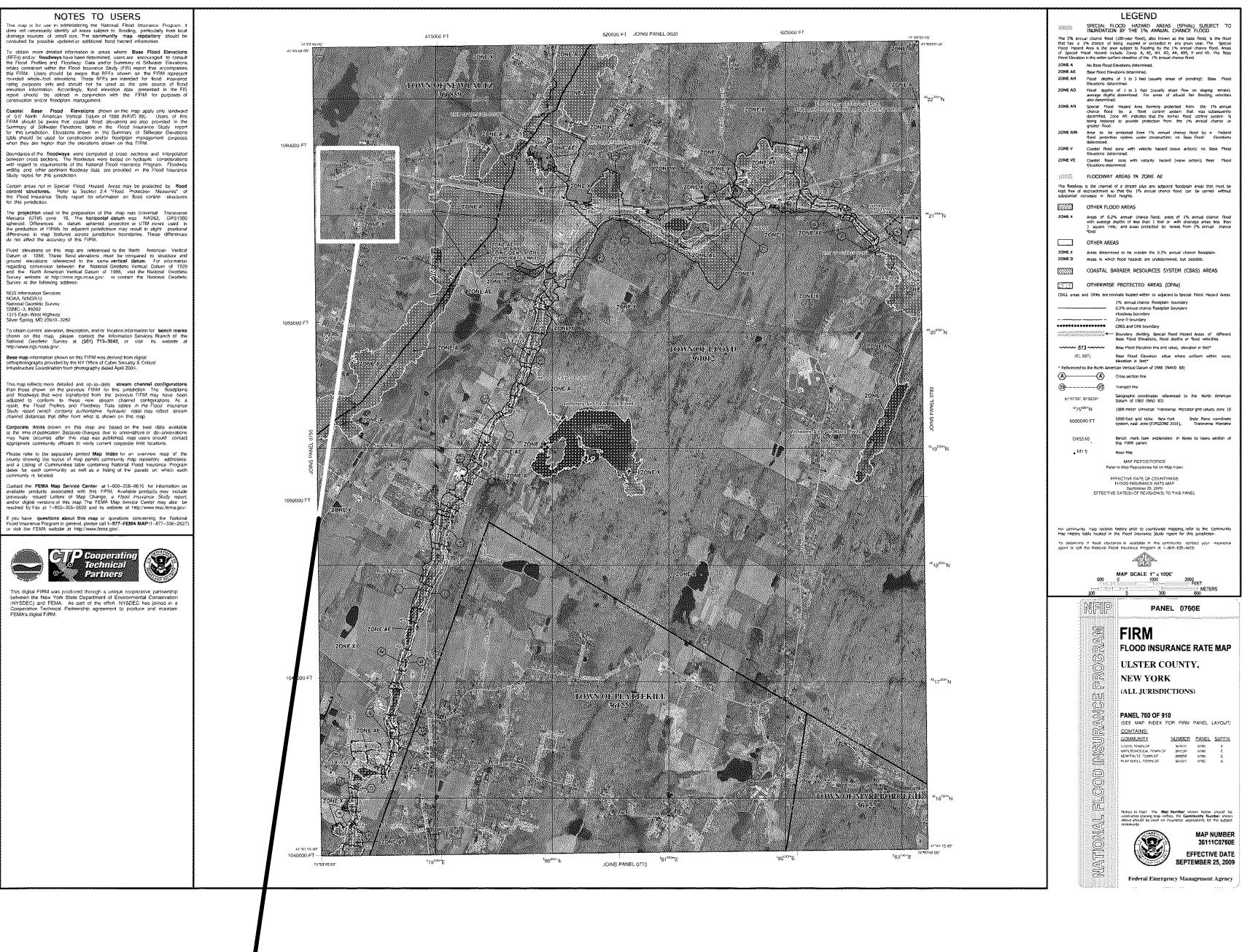
WOOD

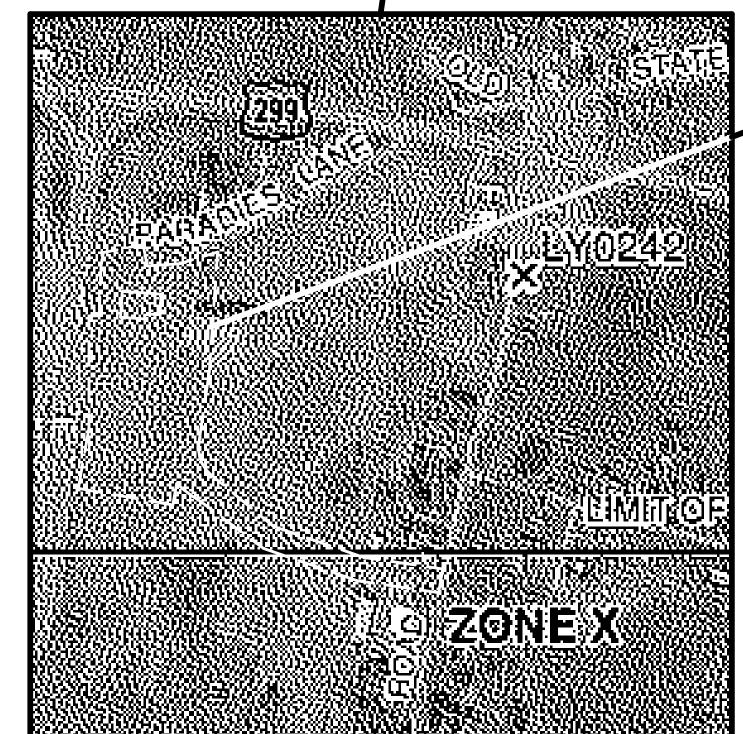
WINDOW

WITHOUT

WIRE MESH







SITE - PARADIES LANE, NEW PALTZ, NY

FLOOD RISK - AS INDICATED ON FEMA FLOOD INSURANCE RATE MAP 36111C0760E, THE SITE LIES IN A ZONE 'X' ('OTHER AREAS' - DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.)36111C0760E



URBAHN ARCHITECTS

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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE

11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

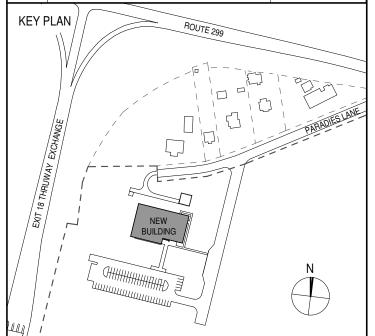
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CERAMI ASSOCIATES 1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION

NO. DESCRIPTION 100% CD - BID SET

20 DEC 2024



ULSTER COUNTY

GOVERNMENT **OPERATIONS** CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

FEMA - FLOOD **INSURANCE RATE** MAPS (FOR REF. ONLY)
DONALD HENRY, JR.

DISCIPLINE LEAD

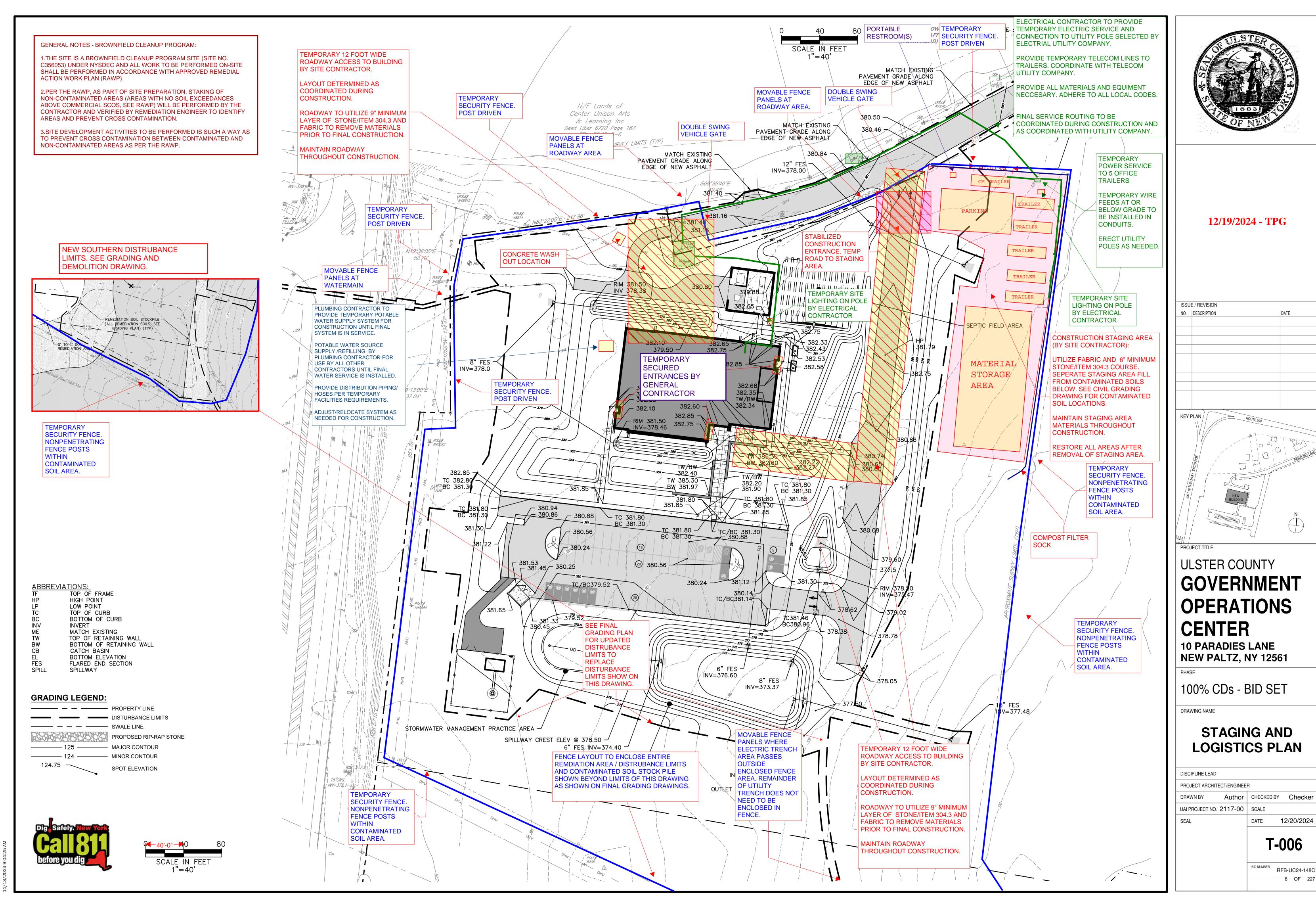
PROJECT ARCHITECT/ENGINEER

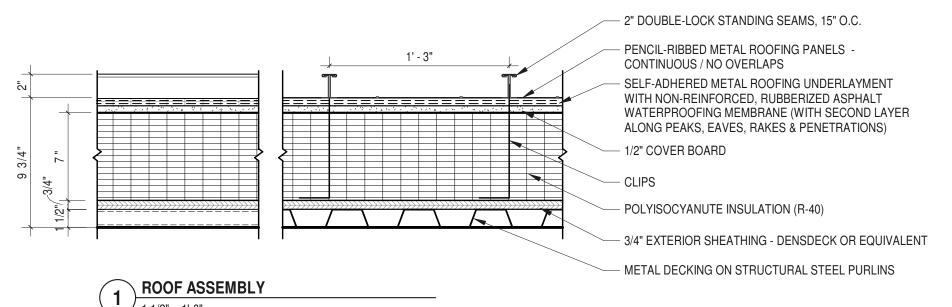
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12/20/2024

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RFB-UC24-148C 5 OF 227

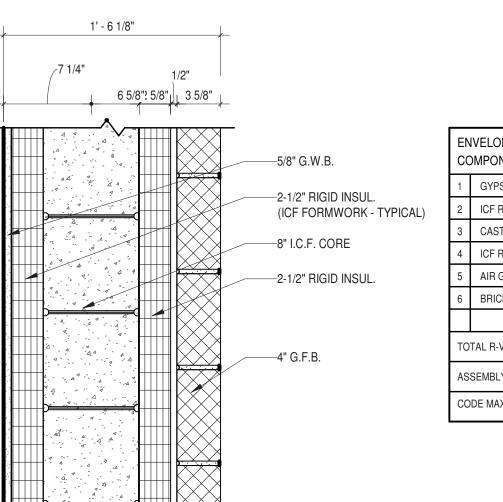




l	ENVELOPE COMPONENT: EXTERIOR WALL COMPONENT (TOP TO BOTTOM)				
1	STANDING SEAM METAL ROOF	-			
2	AIR / WATER / VAPOR MEMBRANE*	0.12			
3	3 COVER BOARD				
4	INSULATION (7")	43.40			
5	EXTERIOR SHEATHING (3/4")	0.80			
6	6 METAL DECKING (1 1/2" TYPE B20)				
ТО	TOTAL R-VALUE ASSEMBLY U-VALUE				
AS					
CO	DE MAXIMUM U-FACTOR	0.030			
	,				

ENERGY CONSERVATION CODE COMPLIANCE:

"TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE, IN CONFORMANCE WITH CHAPTER 4 AND WITH, SECTION C402 - BUILDING ENVELOPE REQUIREMENTS."



	ENVELOPE COMPONENT: EXTERIOR WALL COMPONENT (INTERIOR TO EXTERIOR)					
	1	GYPSUM WALL BOARD (5/8")	0.56			
AL)	2	9.45				
,	3 CAST-IN-PLACE CONCRETE (8") *		4.16			
	4	9.45				
	5	AIR GAP (1/2") / INTERIOR AIR	0.12			
	6	BRICK (3-5/8")	0.40			
	ТО	24.14				
	AS	0.041				
	CC	CODE MAX U-FACTOR				
			* AIR BARRIER			

,	1' - 1	0 1/4"		,	+
1 1/4"				1/2"	
1	10 1/4"	4"	2 5/8'0	3 5/8"	+
	À 4	V.,			Γ
	44	4			5/8" G.W.B.
4	4	4 4 4	1		3 5/8" MTL. STUD FRAN
	4 4	4			2-1/2" RIGID INSUL.
])- -	4	A A A			8" I.C.F. CORE
	A	4 4			2-1/2" RIGID INSUL.
-7- -7- -7- -7-	4.3	4			
-	- 1 4 7 7	4.4			4" G.F.B.
	7				
- 2 - 2	2 4 4	A A			
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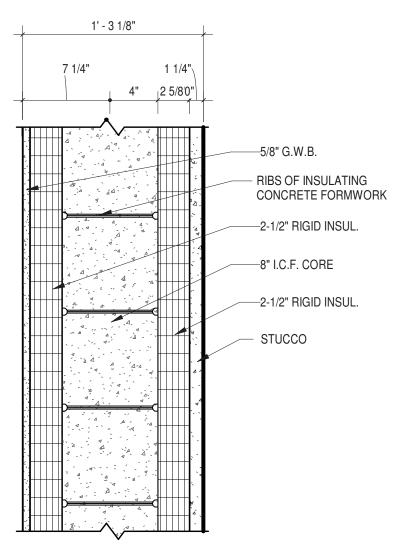
	VELOPE COMPONENT: EXTERIOR WALL OMPONENT (INTERIOR TO EXTERIOR)	R-Value F-ft2-hr/BTU
1	GYPSUM WALL BOARD (5/8" x 2)	1.12
2	METAL STUDS @ 16" o.c. (3-5/8")	-
3	ICF RIGID INSULATION (2-1/4") *	9.45
4	CAST-IN-PLACE CONCRETE (8") *	4.16
5	ICF RIGID INSULATION (2-1/4") *	9.45
6	AIR GAP (1/2") / INTERIOR AIR	0.12
7	BRICK (3-5/8")	0.40
ТО	TAL R-VALUE	24.70
AS	SEMBLY U-VALUE	0.040
CO	DE MAX U-FACTOR	0.086
		* AIR BARRIER

—5/8" G.W.B.				
2-1/2" RIGID INSUL.	Εl	ENVELOPE COMPONENT: EXTERIOR WALL		
011.0 5.0005	C	OMPONENT (INTERIOR TO EXTERIOR)	F-ft2-hr/BTU	
8" I.C.F. CORE	1	GYPSUM WALL BOARD (5/8")	0.56	
—2-1/2" RIGID INSUL.	2	ICF RIGID INSULATION (2-1/4") *	9.45	
— HAT CHANNEL	3	CAST-IN-PLACE CONCRETE (8") *	4.16	
TUTT OTHER	4	ICF RIGID INSULATION (2-1/4") *	9.45	
— 6" V-GROOVE METAL PLANK	5	CEMENTITIOUS COATING	0.09	
	6	EXTERIOR AIR FILM	0.17	
— VAPOR AIR BARRIER	7	GIRT SYSTEM	-	
FURRING (STRIPS, HAT	8	METAL PANEL	-	
CHANNEL, Z BAR @ 16" O.C.				
SECURELY FASTENED TO SHEATHING OR STUDS	TC	23.88		
QUICK-SCREEN CLIP @32" O.C.	ASSEMBLY U-VALUE		0.042	
(STANDARD REQ.), MECHANICAL FASTENED WITH #8 SCREWS	CC	0.086		
TRADITIONAL STARTER STRIP (1 7/8")			* AIR BARRIER	

2 ICF WALL WITH GROUND FACE BLOCK
1 1/2" = 1'-0"

5 ICF WALL WITH METAL PANEL PLUS FURRING
1 1/2" = 1'-0"





1 GYPSUM WALL BOARD 2 ICF RIGID INSULATION 3 CAST-IN-PLACE CONC 4 ICF RIGID INSULATION 5 STUCCO (1-1/4")	9.45 RETE (8") * 4.16
3 CAST-IN-PLACE CONC 4 ICF RIGID INSULATION	RETE (8") * 4.16 I (2-1/4") * 9.45
4 ICF RIGID INSULATION	9.45
5 STUCCO (1-1/4")	0.25
+	I
TOTAL R-VALUE	23.87
ASSEMBLY U-VALUE	0.042
CODE MAX U-FACTOR	0.086

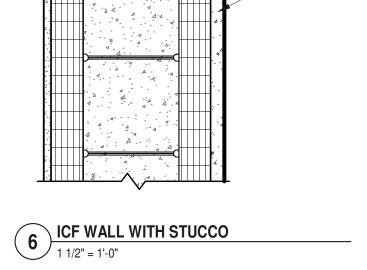
1' - 5 1/4"		
7 1/8"	5/8"	
4"	2 5/8'0"	
		5/8" G.W.B.
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		RIBS OF INSULATING CONCRETE FORMWOR
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		— 8" CONCRETE CORE
44		2-1/2" RIGID INSUL.
4 4 4 4		VERTICAL GIRT
4 4 4		— HORIZONTAL GIRT
		— BRACKET
44		EXPOSED FASTENER
4 4 4		— AIR VAPOR BARRIER
A		CEMENTITIOUS COATIN
4 4 4		U.H.P.C PANEL

1' - 3 3/4"

4 ICF WALL WITH METAL PANEL

4 111111811	U.H.P.C PANEL
F WALL WITH U.H.P.	C. PANELS

1 1/4" 7/8" 1/2" 10 1/4" 4" 2 5/80" 1/2" GYP.BD. ENVELOPE COMPONENT: EXTERIO COMPONENT (INTERIOR TO EXTER	
EINVELOFE GOINFOINEINT. EXTERNO	
THE THIRD AND THE PROPERTY OF	
3 5/8" MTL. STUD FRAMING 1 GYPSUM WALL BOARD (5/8" x 2)	1.12
2-1/2" RIGID INSUL. 2 METAL STUDS @ 16" o.c. (3-5/8")	-
3 ICF RIGID INSULATION (2-1/4") *	9.45
8" I.C.F. CORE 4 CAST-IN-PLACE CONCRETE (8") *	4.16
5 ICF RIGID INSULATION (2-1/4") *	9.45
2-1/2" RIGID INSUL. 6 CEMENTITIOUS COATING	0.09
METAL WALL PANEL 7 EXTERIOR AIR FILM	0.17
8 GIRT SYSTEM	-
9 METAL PANEL	-
TOTAL R-VALUE	24.27
ASSEMBLY U-VALUE	0.041
CODE MAX U-FACTOR	0.086
	* AIR BARRIEF



1 1		5/8" G.W.B.			
4,		- RIBS OF INSULATING CONCRETE FORMWORK		IVELOPE COMPONENT: EXTERIOR WALL OMPONENT (INTERIOR TO EXTERIOR)	R-Value F-ft2-hr/BTU
	Í	- 8" CONCRETE CORE	1	GYPSUM WALL BOARD (5/8")	0.56
		8 CONCILE COME	2	ICF RIGID INSULATION (2-1/4") *	9.45
		-2-1/2" RIGID INSUL.	3	CAST-IN-PLACE CONCRETE (8") *	4.16
4.		- VERTICAL GIRT	4	ICF RIGID INSULATION (2-1/4") *	9.45
		VEITHONE GITT	5	CEMENTITIOUS COATING	0.09
4		- HORIZONTAL GIRT	6	EXTERIOR AIR FILM	0.17
		- BRACKET	7	GIRT SYSTEM	-
4 4 4			8	METAL PANEL	-
	"	- EXPOSED FASTENER			
4		AIR VAPOR BARRIER		TAL R-VALUE	23.88
		CEMENTITIOUS COATING	ASSEMBLY U-VALUE		0.042
3		LLL D O DANEL	СО	DE MAX U-FACTOR	0.086
		- U.H.P.C PANEL	,		AIR BARRIER

7 ICF WALL \\
1 1/2" = 1'-0"



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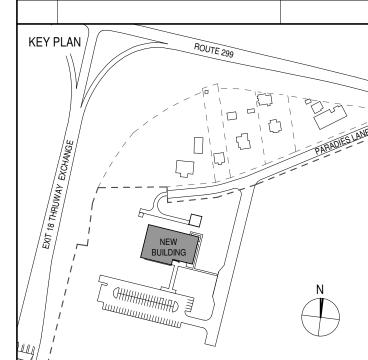
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PARTNER ARCHITECT ALFANDRE ARCHITECTURE

11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY CERAMI ASSOCIATES 1155 15TH STREET #606, WASHINGTON, DC 20005 ISSUE / REVISION NO. DESCRIPTION 20 DEC 2024 100% CD - BID SET



ULSTER COUNTY

GOVERNMENT **OPERATIONS**

CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

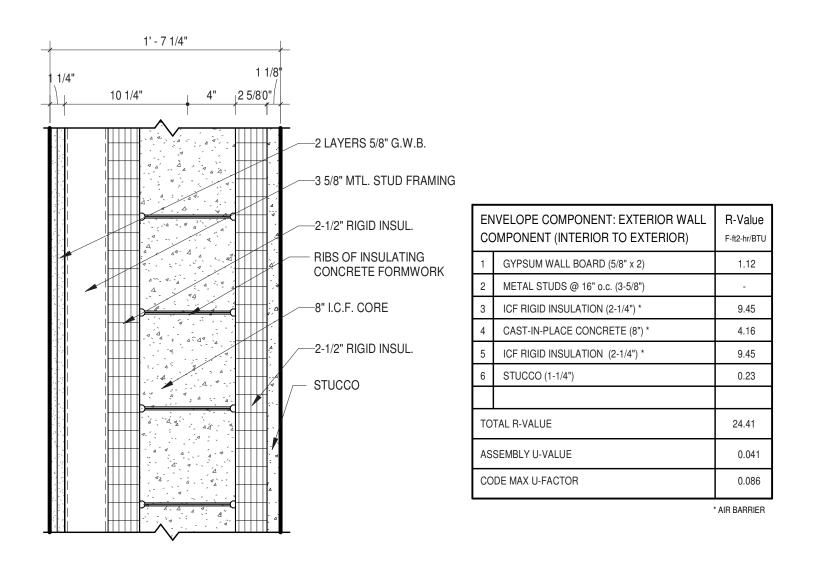
ENERGY CODE COMPLIANCE

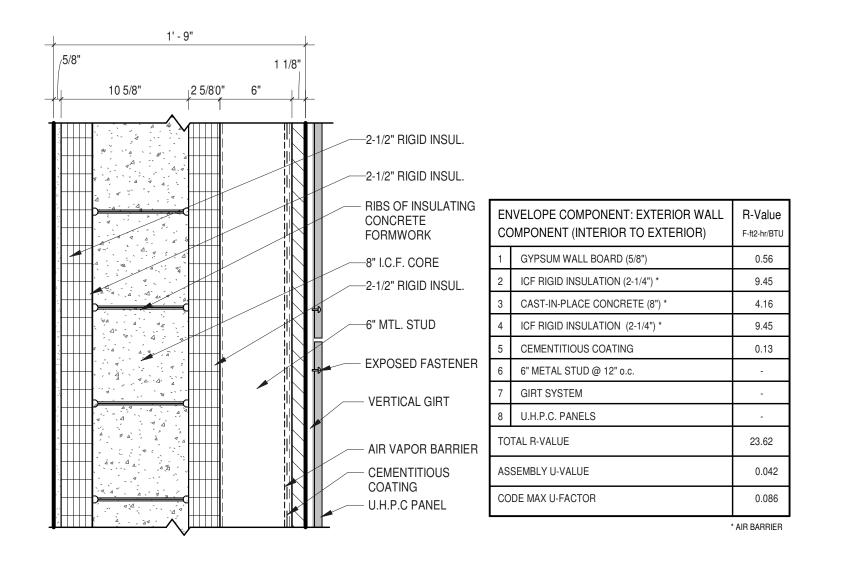
DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER Author | CHECKED BY C YOUNG UAI PROJECT NO. 2117-00 | SCALE | 1 1/2" = 1'-0" 12/20/2024

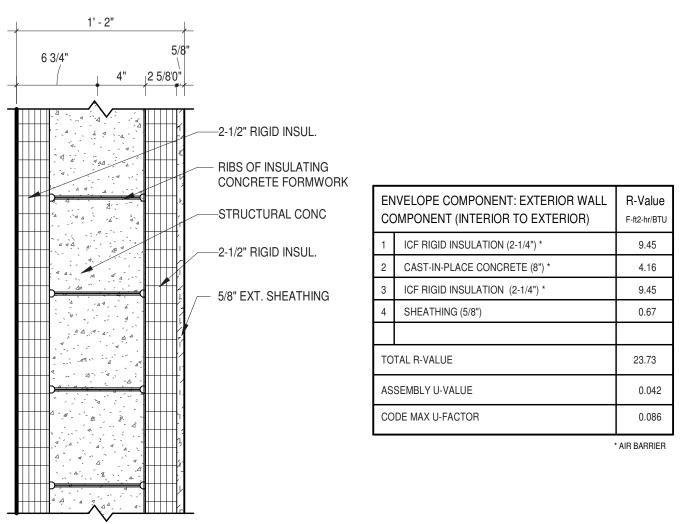


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RFB-UC24-148C 7 OF 227



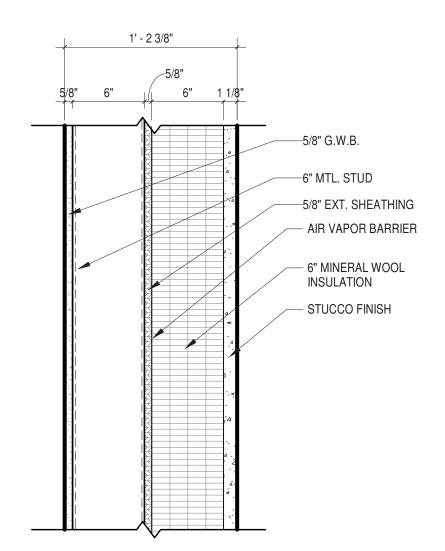




8 ICF WALL WITH STUCCO PLUS INT. FURRING
1 1/2" = 1'-0"

9 ICF WALL WITH U.H.P.C. PANELS PLUS EXT. FURRING
1 1/2" = 1'-0"

10 ICF FOUNDATION WALL
1 1/2" = 1'-0"



	NVELOPE COMPONENT: EXTERIOR WALL DMPONENT (INTERIOR TO EXTERIOR)	R-Value F-ft2-hr/BT		
1	GYPSUM WALL BOARD (5/8")			
2	METAL STUDS / AIR GAP	1.01		
3	EXTERIOR SHEATING (5/8") *	0.67		
4	AIR VAPOR BARRIER *	0.12		
5	RIGID INSULATION	25.80		
6	STUCCO FINISH (3-5/8")	0.23		
ТО	TAL R-VALUE	28.56		
AS	ASSEMBLY U-VALUE			
CC	DE MAX U-FACTOR	0.086		

/5/8" 3	5/8" 2 1/8"	5/8" 1 1/- 3 5/8" 2 5/8"	4"	
		3 5/8" 2 5/8"		5/8" G.W.B. 3 5/8" MTL. STUD FRAMING AIRSPACE 3 5/8" MTL. STUD FRAMING 5/8" EXT. SHEATHING BRACKET VERTICAL GIRT HORIZONTAL GIRT
				EXPOSED FASTENER 2-1/2" RIGID INSUL. AIR VAPOR BARRIER CEMENTITIOUS COATING U.H.P.C PANEL

NOTE: MAXIMUM ASSEMBLY U-VALUE REQUIREMENTS ARE BASED ON THE 2020 NYS STRECH CODE AND CLIMATE ZONE 5A.

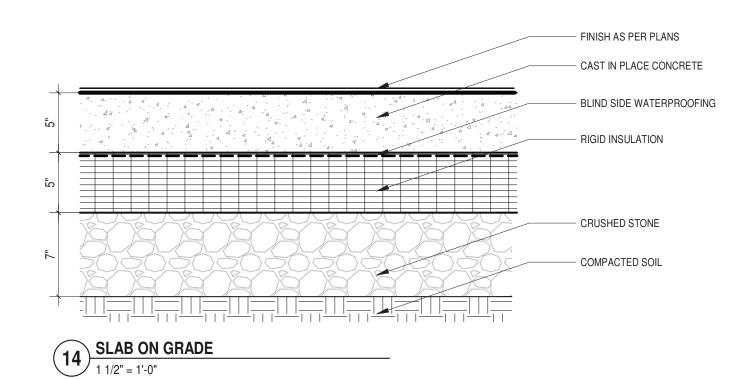
	IVELOPE COMPONENT: EXTERIOR WALL DMPONENT (INTERIOR TO EXTERIOR)	R-Value F-ft2-hr/BTU
1	GYPSUM WALL BOARD (5/8")	0.56
2	COLD FORMED METAL FRAMING (3-5/8")	-
3	AIR GAP	0.12
4	METAL FRAMING W/ R11 BATT INSULATION	9.88
5	EXTERIOR SHEATHING (5/8") *	0.67
6	MINERAL WOOL INSULATION (2-1/4")	9.45
7	AIR VAPOR BARRIER	0.12
8	GIRT SYSTEM	-
9	ULTRA HIGH PERFORMANCE CONC PANEL	-
ТО	TAL R-VALUE	20.80
AS	SEMBLY U-VALUE	0.048
CO	DE MAX U-FACTOR	0.86

11 METAL STUD WALL WITH STUCCO FINISH
1 1/2" = 1'-0"

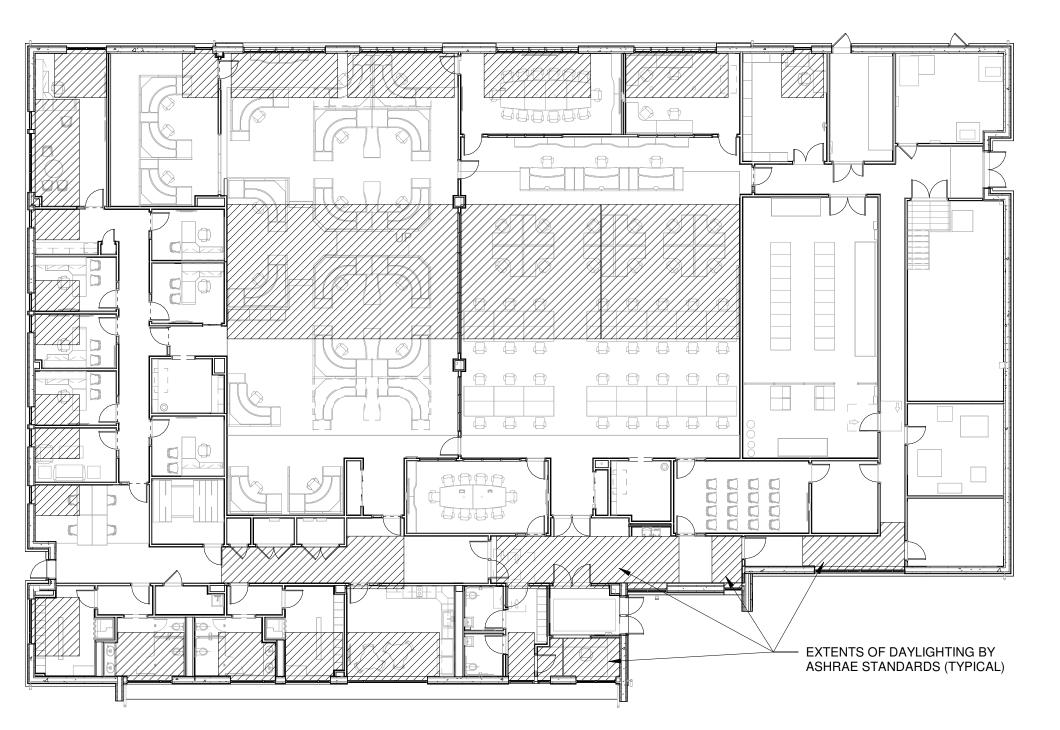
METAL STUD WALL WITH U.H.P.C PANELS
1 1/2" = 1'-0"

1' - 2 3/8"

NOT USED
1 1/2" = 1'-0"



	VELOPE COMPONENT: SLAB ON GRADE OMPONENT (TOP TO BOTTOM)	R-Value F-ft2-hr/BTU
1	FLOOR FINISH BY SCHEDULE	-
2	CAST IN PLACE CONCRETE (5.5") *	2.86
3	WATERPROOFING *	0.16
4	RIGID INSULATION (5")	22.50
5	CRUSHED STONE / COMPACTED SOIL	-
TO	TAL R-VALUE	26.60
AS	SEMBLY U-VALUE	0.038
CO	DE MAX F-FACTOR	0.63
	,	AIR BARRIER



EXTENTS OF DAYLIGHTING

1/16" = 1'-0"



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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

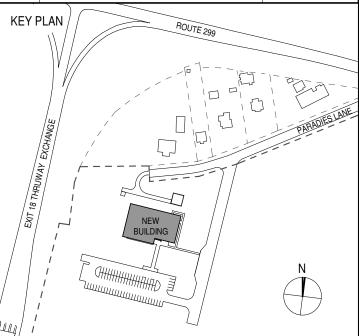
CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC.

80 WOLF ROAD #600, ALBANY, NY 12205 I.T. / A.V / SECURITY

CERAMI ASSOCIATES 1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION NO. DESCRIPTION

20 DEC 2024 100% CD - BID SET



ULSTER COUNTY

GOVERNMENT **OPERATIONS** CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

ENERGY CODE COMPLIANCE

DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER

Author | CHECKED BY C YOUNG

UAI PROJECT NO. 2117-00 | SCALE | As indicated 12/20/2024 **EN-102**

> RFB-UC24-148C 8 OF 227



PROPOSED DESIGN - AERIAL VIEW OF ENTRANCE FROM SOUTHEAST



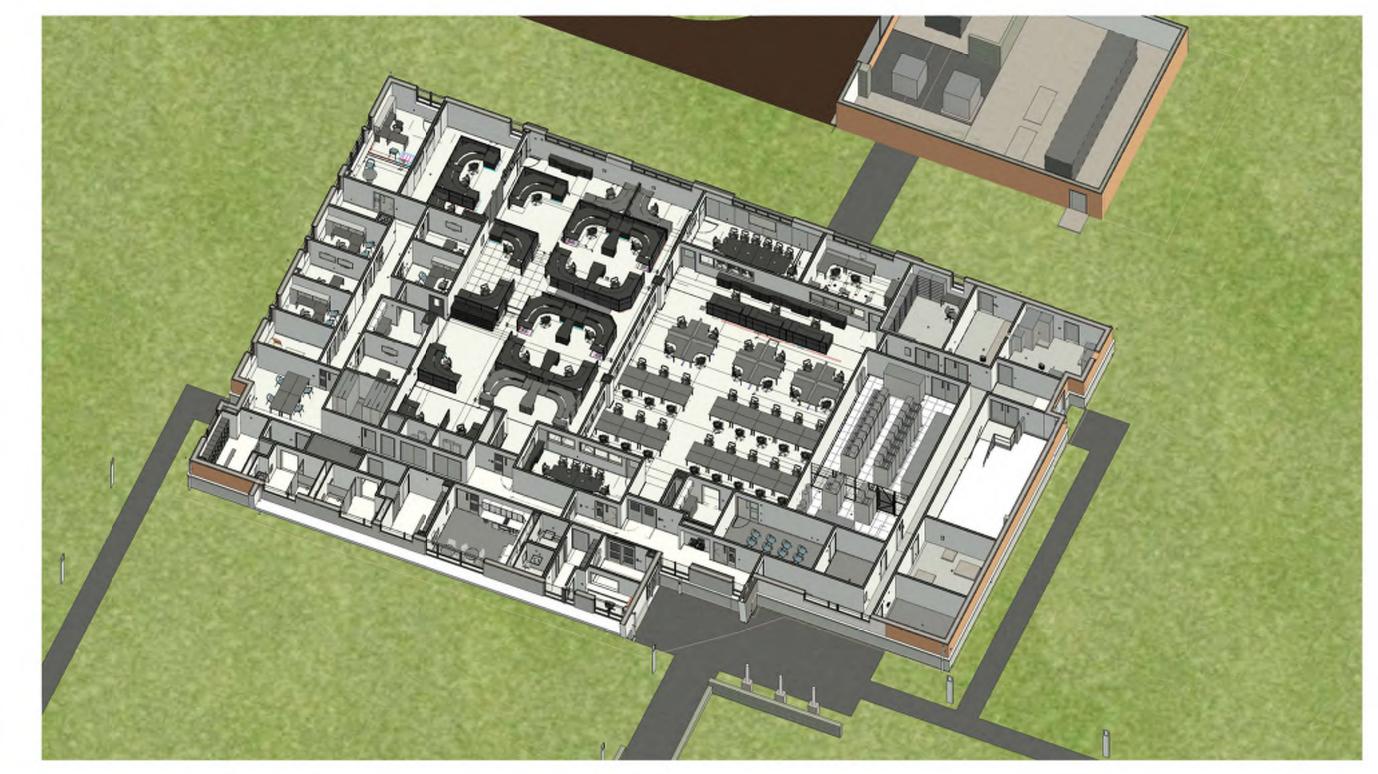
PROPOSED DESIGN - AERIAL VIEW OF ENTRANCE FROM NORTHWEST



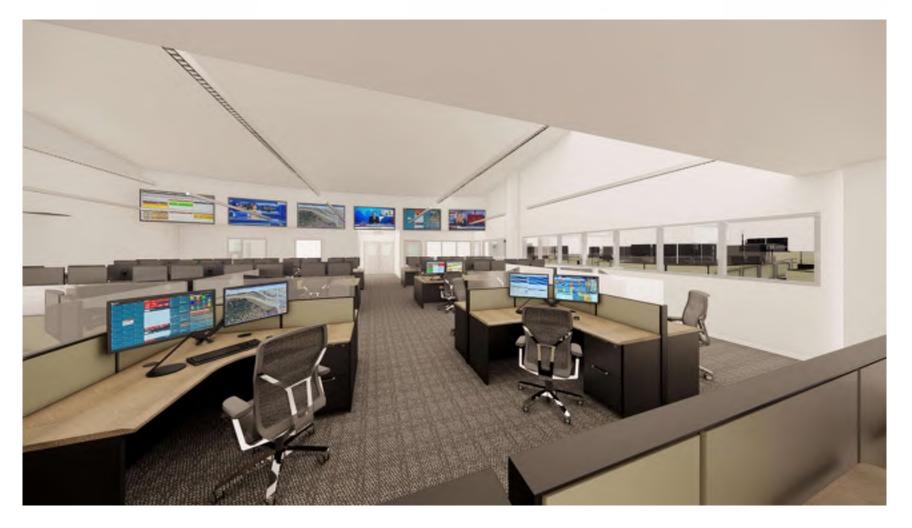
PROPOSED DESIGN - SECTION AT EOC ROOM



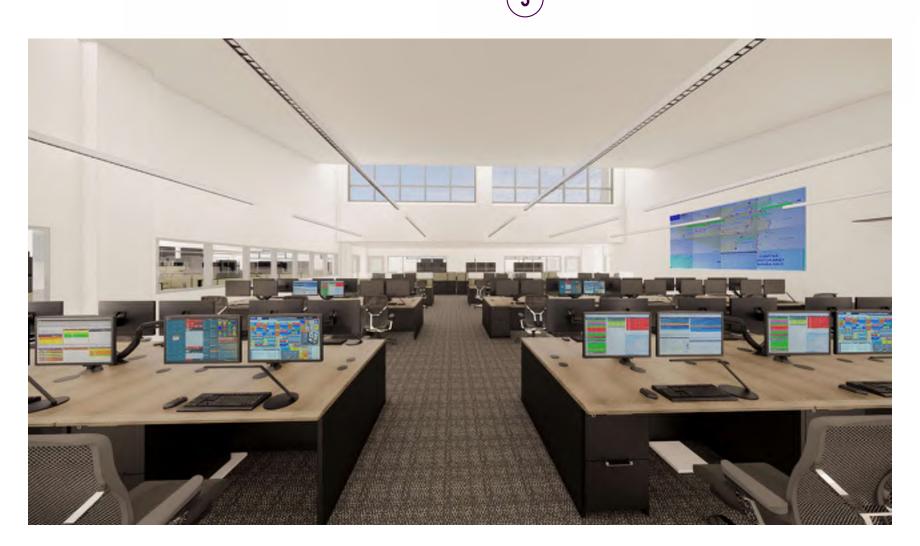
PROPOSED DESIGN - SECTION AT PSAP



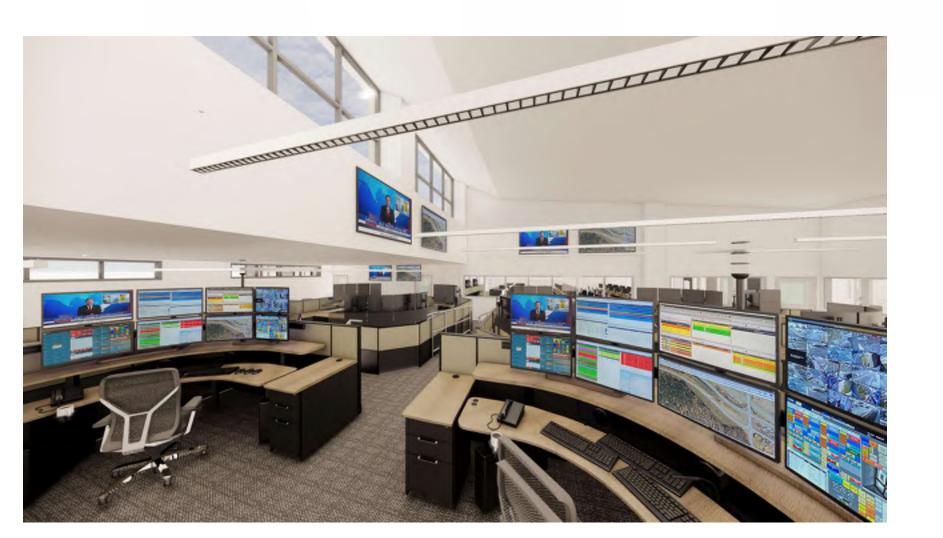
PROPOSED DESIGN - PLAN VIEW



9 PERSPECTIVE IN EOC LOOKING TOWARDS PSAP
1" = 30'-0"



6 PERSPECTIVE IN EOC LOOKING NORTH
1" = 30'-0"



PERSPECTIVE IN PSAP LOOKING TOWARD EOC

1" = 30'-0"



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11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

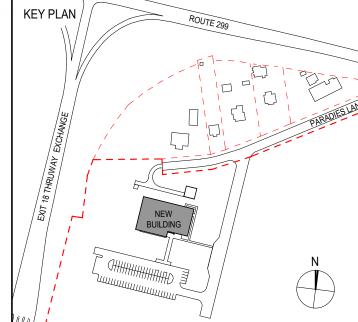
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ULSTER COUNTY

GOVERNMENT **OPERATIONS** CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

PROPOSED DESIGN RENDERINGS

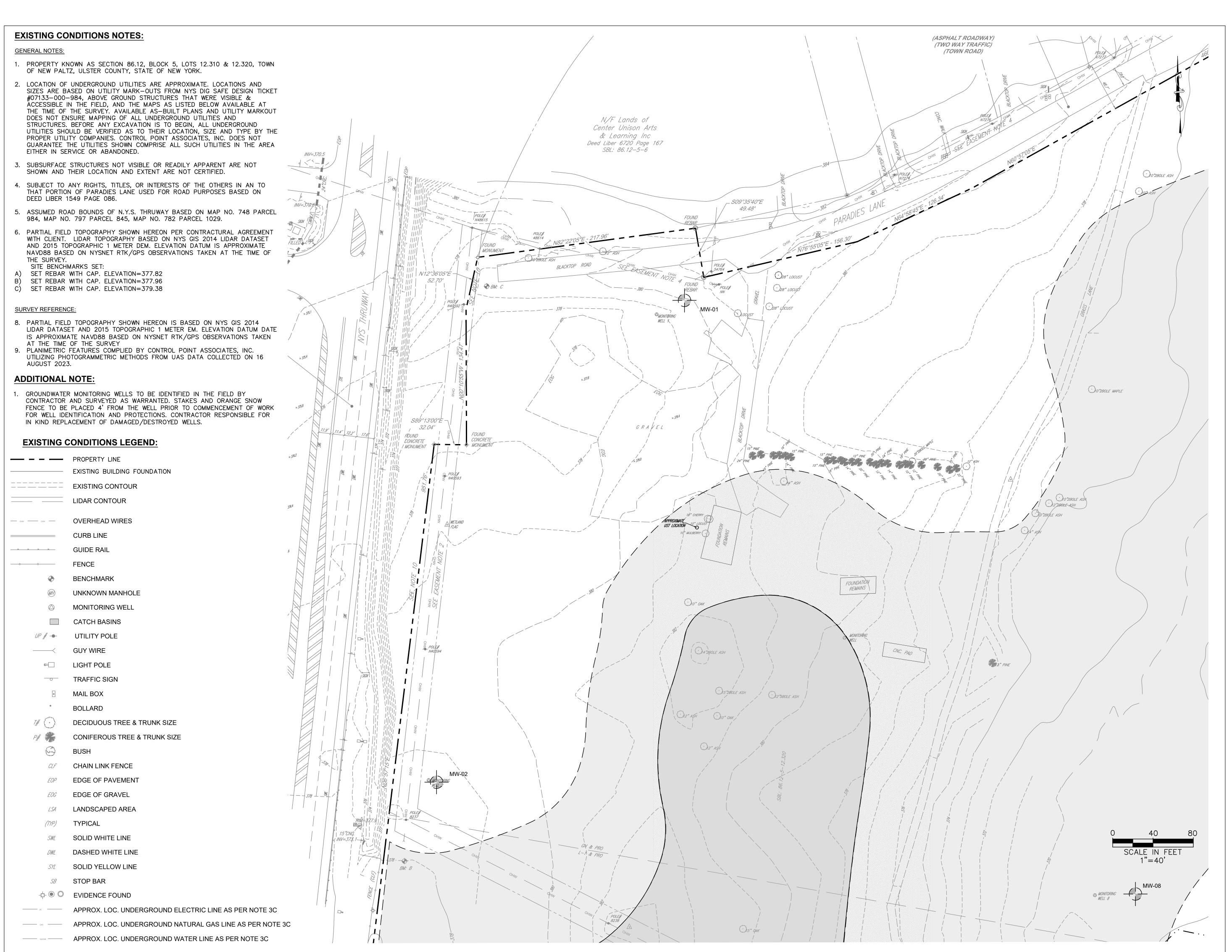
DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER

Author CHECKED BY C YOUNG UAI PROJECT NO. 2117-00 | SCALE 12/20/2024



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GREENMAN-PEDERSEN INC.
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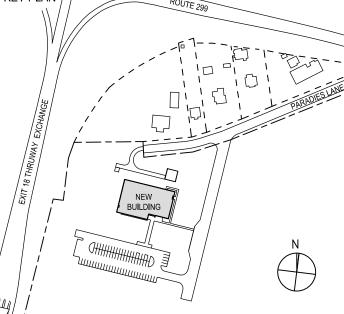
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NO. DESCRIPTION DATE

100% CD- BID SET 20 DEC 2024

KEY PLAN

ROUTE 299



ULSTER COUNTY

GOVERNMENT OPERATIONS CENTER

10 PARADIES LANE, NEW PALTZ, NY 12561

PHASE

100% CDs-BID SET

DRAWING NAME

EXISTING CONDITIONS PLAN

DISCIPLINE LEAD

PROJECT ARCHITECT/ENGINEER

DRAWN BY

ED/AL

CHECKED BY

RT

UAI PROJECT NO.

SCALE

AS NOTED

DATE

12/20/2024

C-100

RFB-UC24-148C

DEMOLITION NOTES:

- 1. REFER TO REQUIREMENTS OUTLINED IN THE EROSION & SEDIMENT CONTROL PLANS & NOTES PRIOR TO COMMENCEMENT OF WORK.
- CONFORM TO APPLICABLE CODE AND PERMIT REQUIREMENTS FOR DEMOLITION OF STRUCTURES, SAFETY OF ADJACENT STRUCTURES, DUST CONTROL, RUNOFF CONTROL, AND HAULING, DISPOSAL AND STORAGE OF DEBRIS.
- 3. PROVIDE, ERECT AND MAINTAIN TEMPORARY BARRIERS AND SECURITY DEVICES AS REQUIRED.
- MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE DURING SELECT DEMOLITION OPERATIONS. DO NOT INTERRUPT EXISTING UTILITIES SERVING OPERATING FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY OWNER AND AUTHORITIES HAVING JURISDICTION.
- 5. NOTIFY ADJACENT OWNERS OF WORK THAT MAY AFFECT THEIR PROPERTY, POTENTIAL NOISE, UTILITY OUTAGE, OR DISRUPTION. COORDINATE WITH OWNER.
- 6. LOCATE AND IDENTIFY ALL EXISTING UTILITIES WITHIN THE CONSTRUCTION AREA. DISCONNECT AND SEAL OR CAP OFF UTILITY SERVICES THAT WILL BE AFFECTED BY THIS PROJECT. NOTIFY AFFECTED UTILITY COMPANIES BEFORE STARTING WORK AND COMPLY WITH THEIR REQUIREMENTS. VERIFY THAT UTILITIES HAVE BEEN DISCONNECTED AND CAPPED.
- 7. DEMOLISH AND REMOVE COMPONENTS IN AN ORDERLY AND CAREFUL MANNER.
- 8. PROTECT EXISTING FEATURES THAT ARE NOT TO BE DEMOLISHED.
- 9. CONDUCT OPERATIONS WITH MINIMUM INTERFERENCE TO PUBLIC OR PRIVATE ACCESSES.
- 10. MAINTAIN EGRESS AND ACCESS AT ALL TIMES. DO NOT CLOSE OR OBSTRUCT ROADWAYS OR SIDEWALK WITHOUT PERMITS. COORDINATE WITH AUTHORITY HAVING JURISDICTION.
- 11. CEASE OPERATIONS IMMEDIATELY IF ADJACENT STRUCTURES APPEAR TO BE IN DANGER. NOTIFY AUTHORITY HAVING JURISDICTION.

12. ROUGH GRADE AND COMPACT AREAS AFFECTED BY DEMOLITION TO MAINTAIN

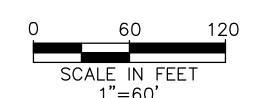
- SITE GRADES AND CONTOURS, AND PROVIDE POSITIVE DRAINAGE.
- 13. FIELD VERIFY EXISTING CONDITIONS AND CORRELATE WITH REQUIREMENTS INDICATED ON DEMOLITION PLAN TO DETERMINE EXTENT OF SELECTIVE DEMOLITION REQUIRED.
- 14. CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH SELECTIVE BUILDING DEMOLITION OPERATIONS.
- 15. CONDUCT DEMOLITION OPERATIONS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN. ENSURE SAFE PASSAGE OF PEOPLE AROUND SELECTIVE DEMOLITION AREA.
- 16. USE WATER MIST, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS TO LIMIT THE SPREAD OF DUST AND DIRT. COMPLY WITH GOVERNING ENVIRONMENTAL PROTECTION REGULATIONS. DO NOT USE WATER WHEN IT MAY DAMAGE EXISTING CONSTRUCTION, SUCH AS CAUSING ICING, FLOODING, AND TRANSPORTING POLLUTANTS.
- 17. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT AND DEBRIS CAUSED BY SELECTIVE DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE START OF DEMOLITION.
- 18. PROMPTLY DISPOSE OF DEMOLISHED MATERIALS. ALL DEBRIS RESULTING FROM DEMOLITION ACTIVITIES SHALL BE DISPOSED OF OFF-SITE AT A FACILITY APPROVED TO RECEIVE THE DEBRIS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE. DO NOT BURN DEMOLISHED MATERIALS ON-SITE.
- 19. REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS.

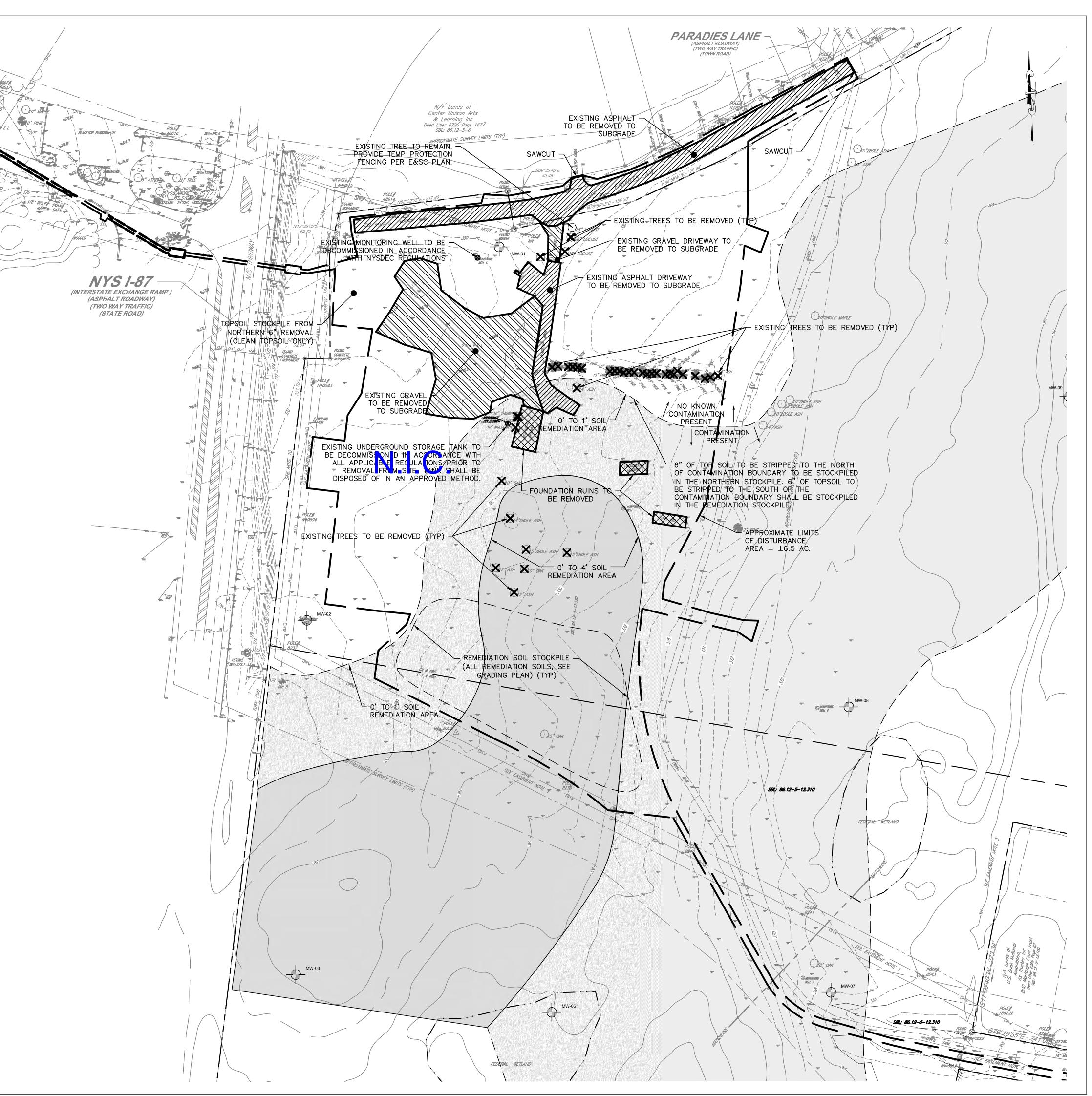
ADDITIONAL NOTES:

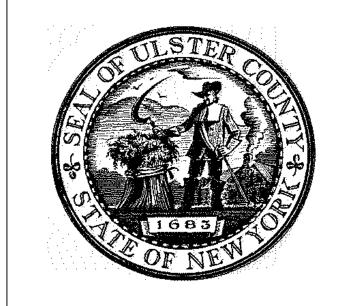
- 1. GROUNDWATER MONITORING WELLS TO BE IDENTIFIED IN THE FIELD BY CONTRACTOR AND SURVEYED AS WARRANTED. STAKES AND ORANGE SNOW FENCE TO BE PLACED 4' FROM THE WELL PRIOR TO COMMENCEMENT OF WORK FOR WELL IDENTIFICATION AND PROTECTIONS. CONTRACTOR RESPONSIBLE FOR IN KIND REPLACEMENT OF DAMAGED/DESTROYED WELLS.
- 2. THE SITE IS A BROWNFIELD CLEANUP PROGRAM SITE (SITE NO. C356053) UNDER NYSDEC AND ALL WORK TO BE PERFORMED ON SITE SHALL BE PERFORMED IN ACCORDANCE WITH APPROVED REMEDIAL ACTION WORK PLAN (RAWP).
- 3. SITE DEVELOPMENT ACTIVITIES TO BE PERFORMED IN SUCH A WAY AS TO PREVENT CROSS CONTAMINATION BETWEEN CONTAMINATED AND NON-CONTAMINATED AREAS AS PER THE RAWP.
- 4. CHEMICAL TESTING REQUIRED FOR SOULS UNDERNEATH THE UNDERGROUND STORAGE TANK (UST), SHOWN ON THIS PLAN, UPON REMOVAL OF THE TANK.

PROPERTY LINE DISTURBANCE LIMITS SAWCUT LIMITS EXISTING PAVEMENT AREA TO BE REMOVED EXISTING GRAVEL AREA TO BE REMOVED EXISTING STRUCTURE TO BE REMOVED EXISTING ITEM TO BE REMOVED EXISTING TREE TO BE REMOVED









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PARTNER ARCHITECT

ALEANIDE ADCHITE

ALFANDRE ARCHITECTURE
11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER

GREENMAN-PEDERSEN INC.

80 WOLF ROAD #600, ALBANY, NY 12205

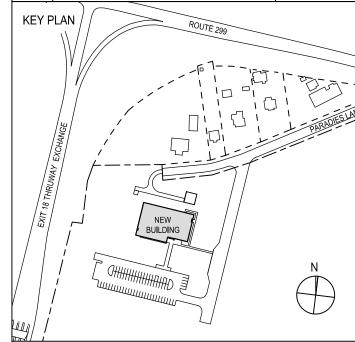
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CERAMI ASSOCIATES
1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION

NO. DESCRIPTION DATE

100% CD- BID SET 20 DEC 2024



PROJECT TITLE

ULSTER COUNTY
GOVERNMENT

OPERATIONS CENTER

10 PARADIES LANE, NEW PALTZ, NY 12561

PHASE

100% CDs-BID SET

DRAWING NAME

DEMOLITION PLAN

DISCIPLINE LEAD

PROJECT ARCHITECT/ENGINEER

ED/AL

DRAWN BY

ED/AL

CHECKED BY

RT

UAI PROJECT NO.

SCALE

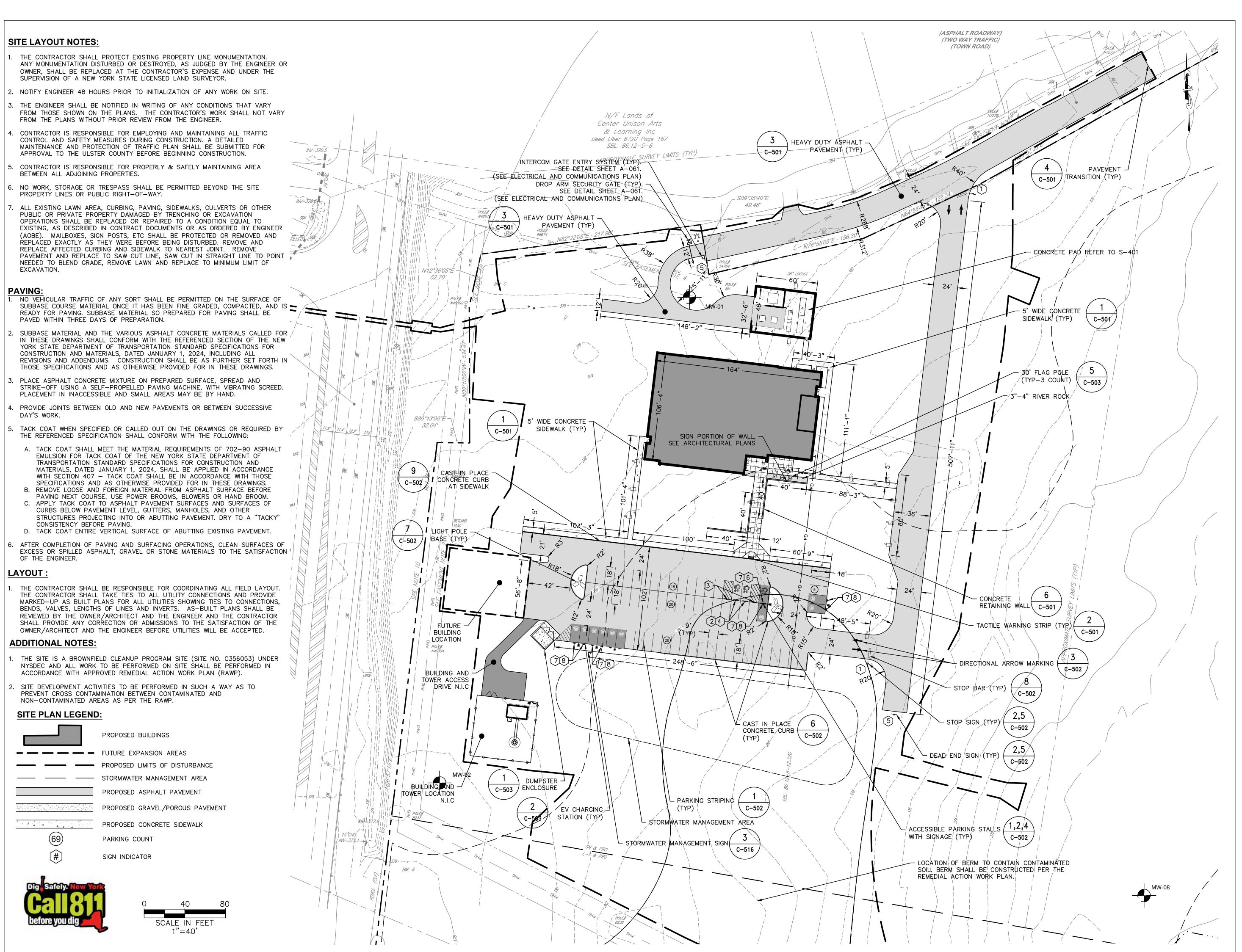
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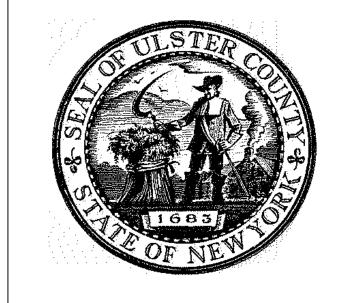
12/20/2024

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BID NUMBER

RFB-UC24-148C





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PARTNER ARCHITECT

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GREENMAN-PEDERSEN INC.
80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY

CFRAMI ASSOCIA

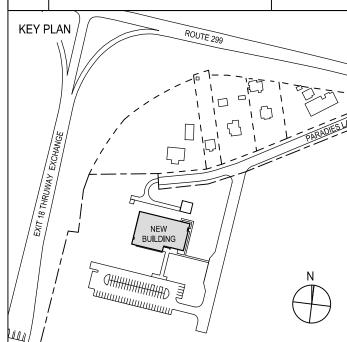
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20 DEC 2024



PROJECT TITLE

ULSTER COUNTY

GOVERNMENT OPERATIONS CENTER

10 PARADIES LANE, NEW PALTZ, NY 12561

PHASE

100% CDs-BID SET

DRAWING NAME

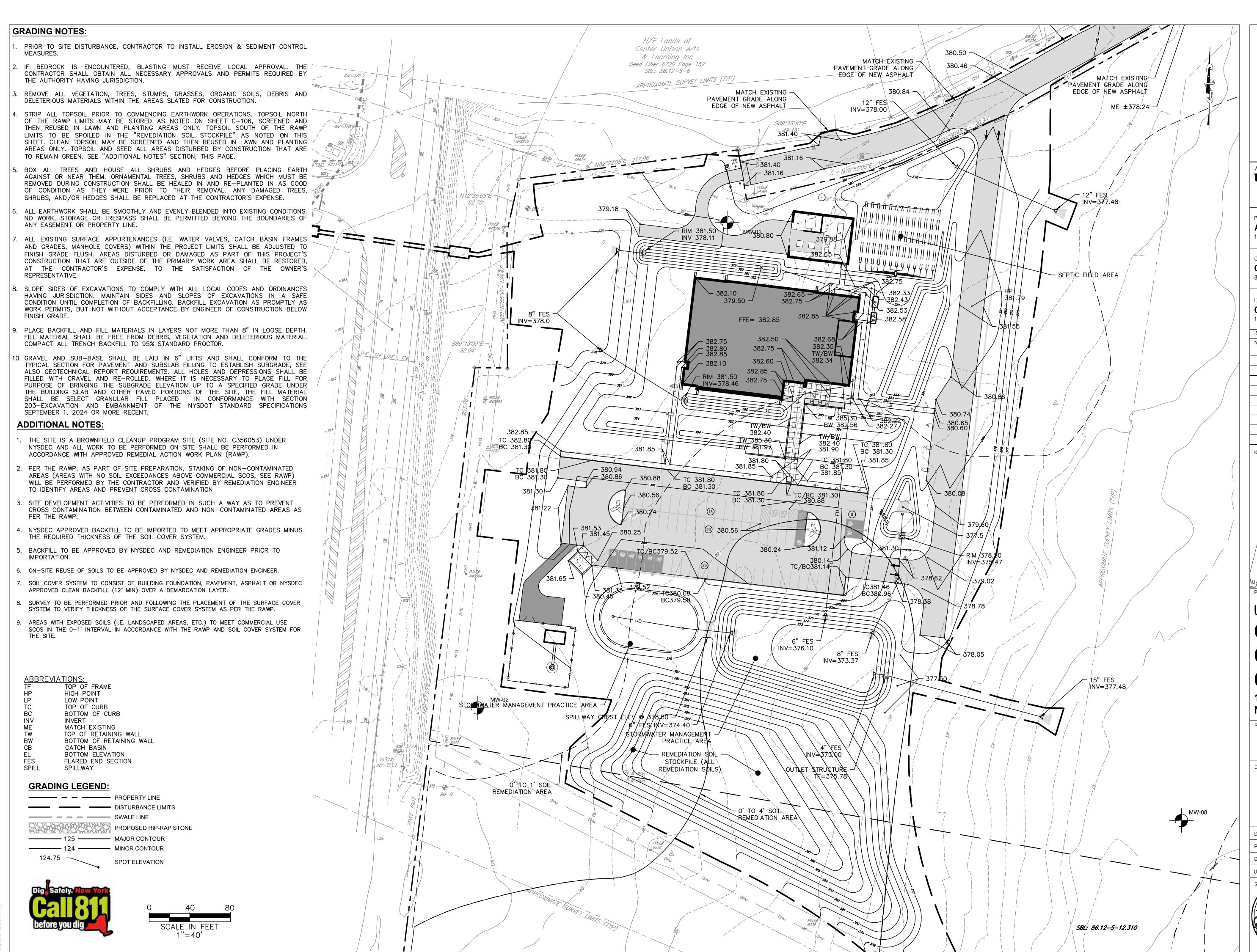
SITE LAYOUT PLAN

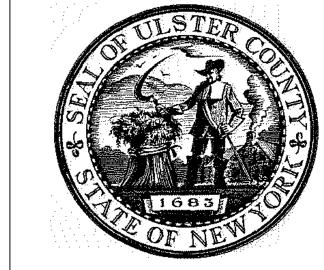
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SEAL OF NEW	DATE	12/20	/2024
UAI PROJECT NO.	SCALE	AS	NOTED
DRAWN BY ED/AL	CHECKED	BY	RT
PROJECT ARCHITECT/ENGINEEF	₹		ED/AL
DISCIPLINE LEAD		J. MOI	NTAGNE

C-102

BID NUMBER RFB-UC24-148C

12 OF 227





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PARTNER ARCHITECT

AL FANDRE ARCHITE

ALFANDRE ARCHITECTURE
11 MAIN STREET, NEW PALTZ, NY 12561

GREENMAN-PEDERSEN INC.
80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY

CERAMI ASSOCIATES
1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION

NO. DESCRIPTION DATE

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KEY PLAN

ROUTE 2999

NEW BUILDING

ULSTER COUNTY

GOVERNMENT OPERATIONS

CENTER

10 PARADIES LANE,
NEW PALTZ, NY 12561

PHASE

100% CDs-BID SET

DRAWING NAME

GRADING PLAN

DISCIPLINE LEAD	J. MONTAGNE
ROJECT ARCHITECT/ENGINEER	R ED/AL
PRAWN BY ED/AL	CHECKED BY RT
IAI PROJECT NO.	SCALE AS NOTED
SEAL OF NEW	DATE 12/20/2024
TRUJ. TRUJO	C-103

C-103

UTILITY NOTES: . ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN IN THEIR RELATIVE POSITION AND ARE FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR TO VERIFY

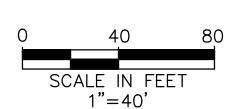
CONDITIONS PRIOR TO PERFORMING WORK.

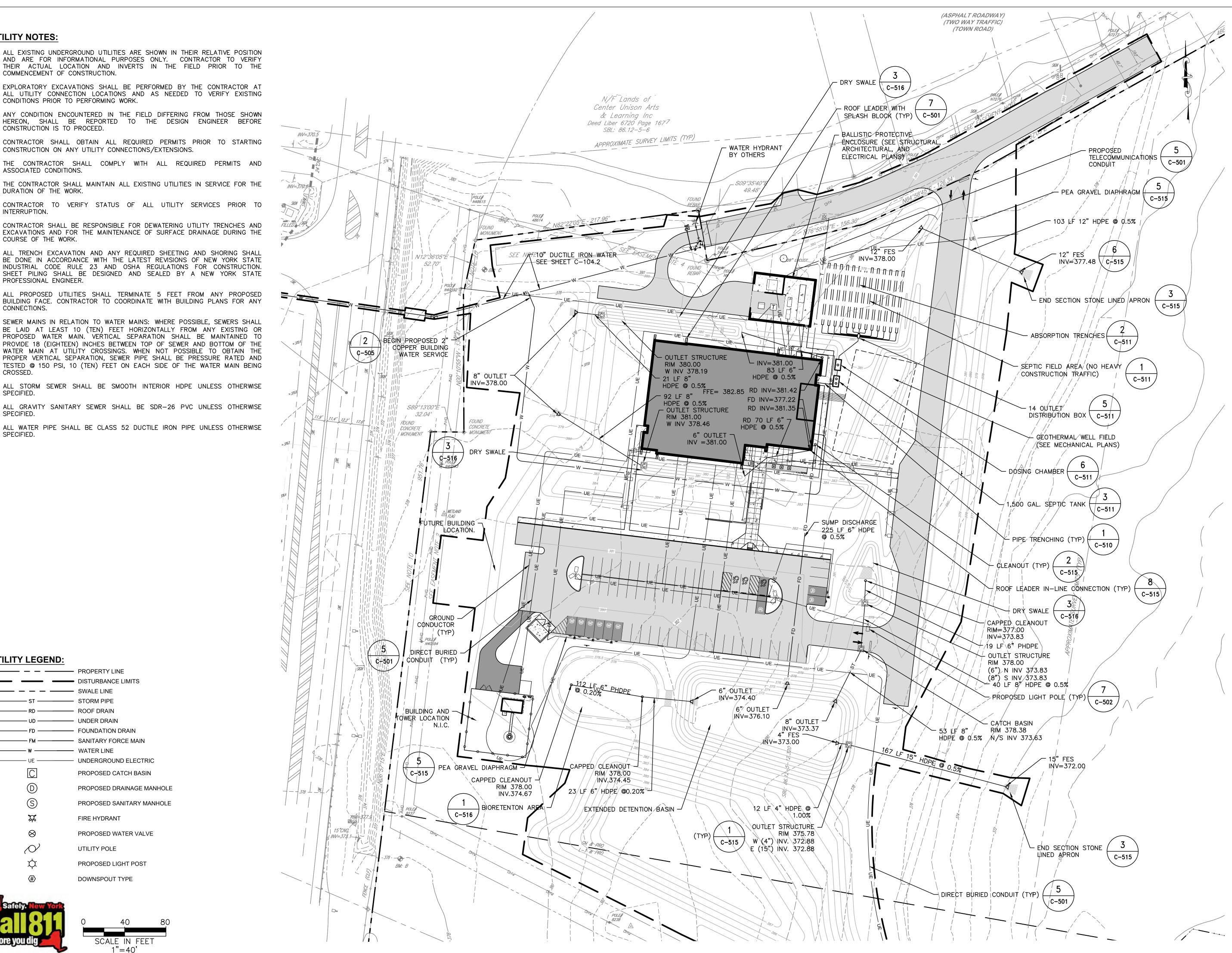
- THEIR ACTUAL LOCATION AND INVERTS IN THE FIELD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. 2. EXPLORATORY EXCAVATIONS SHALL BE PERFORMED BY THE CONTRACTOR AT
- . ANY CONDITION ENCOUNTERED IN THE FIELD DIFFERING FROM THOSE SHOWN HEREON, SHALL BE REPORTED TO THE DESIGN ENGINEER BEFORE CONSTRUCTION IS TO PROCEED.
- 4. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO STARTING CONSTRUCTION ON ANY UTILITY CONNECTIONS/EXTENSIONS.
- 5. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIRED PERMITS AND ASSOCIATED CONDITIONS.
- 6. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITIES IN SERVICE FOR THE DURATION OF THE WORK.
- 7. CONTRACTOR TO VERIFY STATUS OF ALL UTILITY SERVICES PRIOR TO INTERRUPTION.
- 8. CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING UTILITY TRENCHES AND EXCAVATIONS AND FOR THE MAINTENANCE OF SURFACE DRAINAGE DURING THE COURSE OF THE WORK.
- 9. ALL TRENCH EXCAVATION AND ANY REQUIRED SHEETING AND SHORING SHALL BE DONE IN ACCORDANCE WITH THE LATEST REVISIONS OF NEW YORK STATE INDUSTRIAL CODE RULE 23 AND OSHA REGULATIONS FOR CONSTRUCTION. SHEET PILING SHALL BE DESIGNED AND SEALED BY A NEW YORK STATE PROFESSIONAL ENGINEER.
- 10. ALL PROPOSED UTILITIES SHALL TERMINATE 5 FEET FROM ANY PROPOSED BUILDING FACE. CONTRACTOR TO COORDINATE WITH BUILDING PLANS FOR ANY CONNECTIONS.
- 11. SEWER MAINS IN RELATION TO WATER MAINS: WHERE POSSIBLE, SEWERS SHALL BE LAID AT LEAST 10 (TEN) FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED WATER MAIN. VERTICAL SEPARATION SHALL BE MAINTAINED TO PROVIDE 18 (EIGHTEEN) INCHES BETWEEN TOP OF SEWER AND BOTTOM OF THE WATER MAIN AT UTILITY CROSSINGS. WHEN NOT POSSIBLE TO OBTAIN THE PROPER VERTICAL SEPARATION, SEWER PIPE SHALL BE PRESSURE RATED AND TESTED @ 150 PSI, 10 (TEN) FEET ON EACH SIDE OF THE WATER MAIN BEING
- 12. ALL STORM SEWER SHALL BE SMOOTH INTERIOR HDPE UNLESS OTHERWISE SPECIFIED.
- 13. ALL GRAVITY SANITARY SEWER SHALL BE SDR-26 PVC UNLESS OTHERWISE SPECIFIED.
- 14. ALL WATER PIPE SHALL BE CLASS 52 DUCTILE IRON PIPE UNLESS OTHERWISE SPECIFIED.

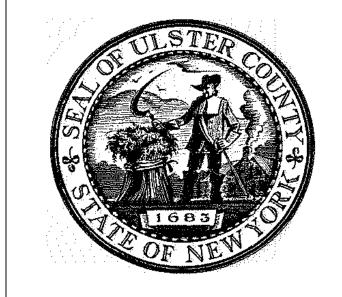
UTILITY LEGEND:

<u> </u>	
	PROPERTY LINE
	DISTURBANCE LIMITS
	SWALE LINE
ST	STORM PIPE
RD	ROOF DRAIN
UD	UNDER DRAIN
——— FD ———	FOUNDATION DRAIN
FM	SANITARY FORCE MAIN
w	WATER LINE
——— UE ———	UNDERGROUND ELECTRIC
	PROPOSED CATCH BASIN
D	PROPOSED DRAINAGE MANHOL
S	PROPOSED SANITARY MANHOL
X	FIRE HYDRANT
\otimes	PROPOSED WATER VALVE
$\langle \mathcal{O} \rangle$	UTILITY POLE
\Diamond	PROPOSED LIGHT POST
# >	DOWNSPOUT TYPE









ARCHITECTS

URBAHN ARCHITECTS

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PARTNER ARCHITECT ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY CERAMI ASSOCIATES 1155 15TH STREET #606, WASHINGTON, DC 20005

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ULSTER COUNTY

GOVERNMENT **OPERATIONS** CENTER

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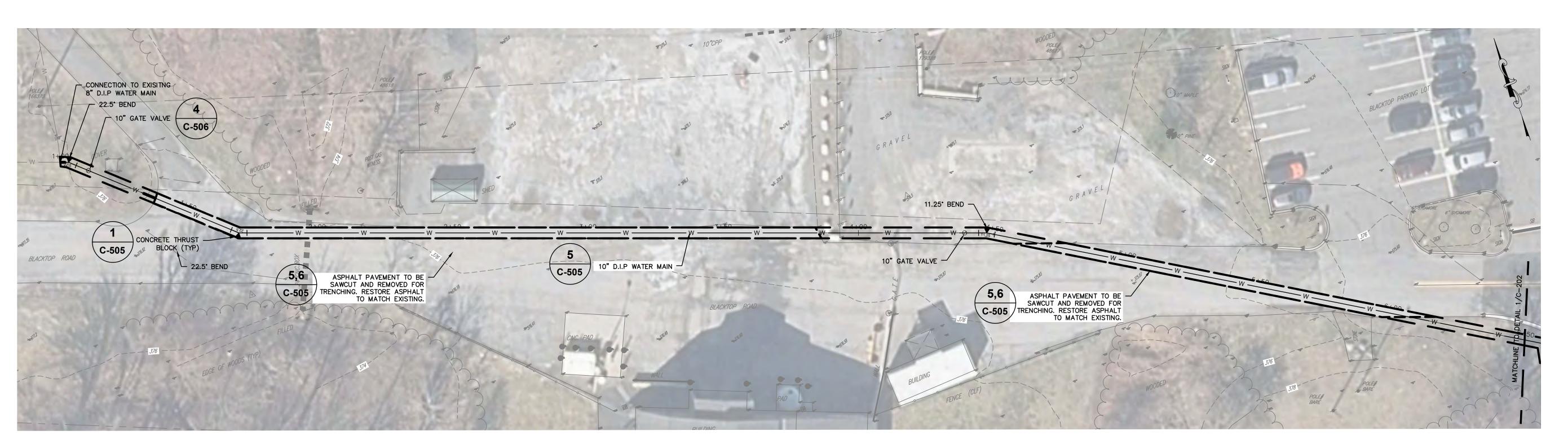
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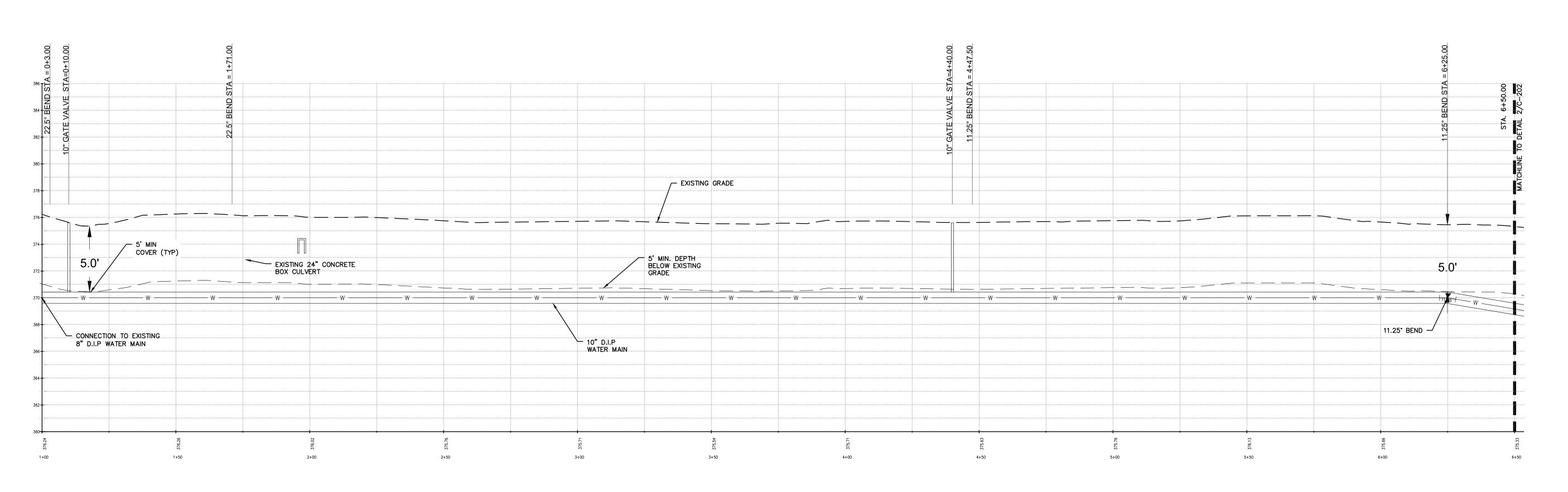
UTILITY PLAN

DISCIPLINE LEAD			J. N	ONTAGNE
PROJECT ARCHITEC	T/ENGINEEF	R		ED/AL
DRAWN BY	ED/AL	CHECKED	BY	RT
UAI PROJECT NO.		SCALE		AS NOTED
SEAL OF NEW		DATE	12	/20/2024
TRU STREET	WEER W	(] -	104

RFB-UC24-148C



1 WATER SERVICE PLAN - STA 0+00 - 6+50 C-104.1 SCALE: 1"=20"



2 WATER SERVICE PROFILE - STA 0+00 - 6+50 C-104.1 SCALE: 1"=20' (5' VERTICAL EXAGGERATION)

UTILITY LEGEND:

PROPERTY LINE

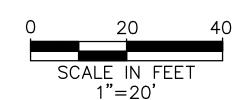
SAWCUT LIMITS

WATER LINE

FIRE HYDRANT

PROPOSED WATER VALVE

PROPOSED WATER BENDS





ARCHITECTS

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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE

11 MAIN STREET, NEW PALTZ, NY 12561

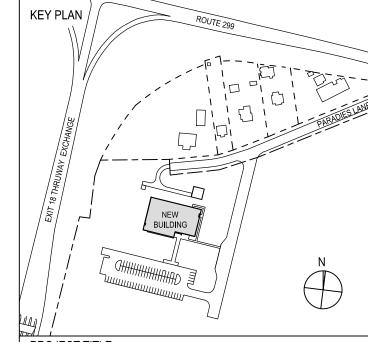
GREENMAN-PEDERSEN INC.
80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY

CERAMI ASSOCIATES

1155 15TH STREET #606, WASHINGTON, DC 2000

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10 PARADIES LANE, NEW PALTZ, NY 12561

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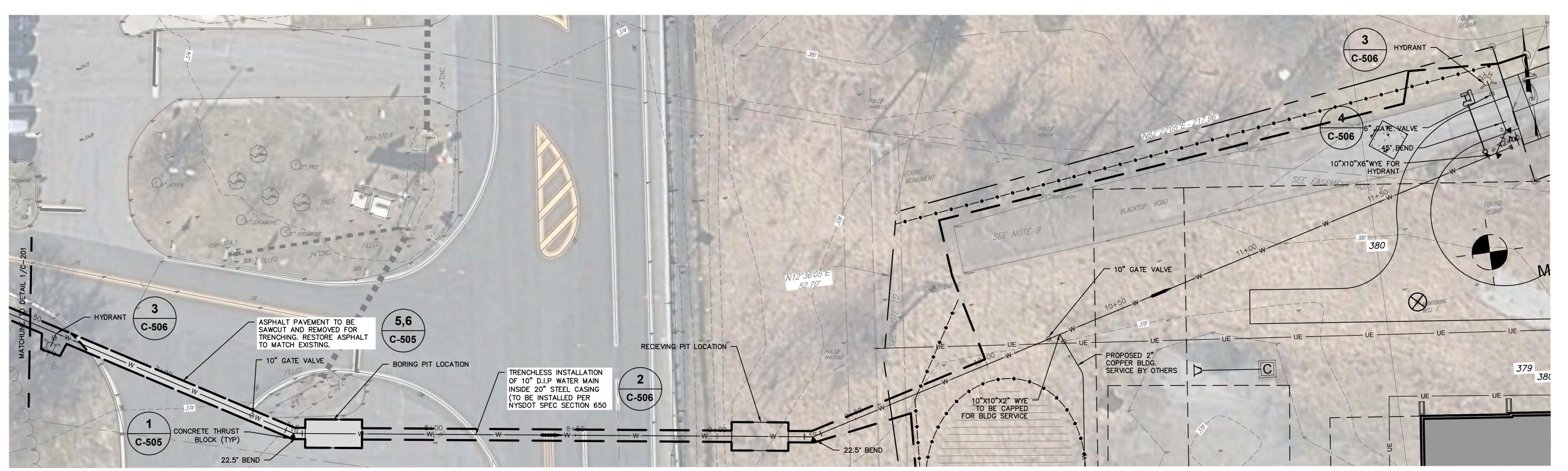
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UTILITY PLAN

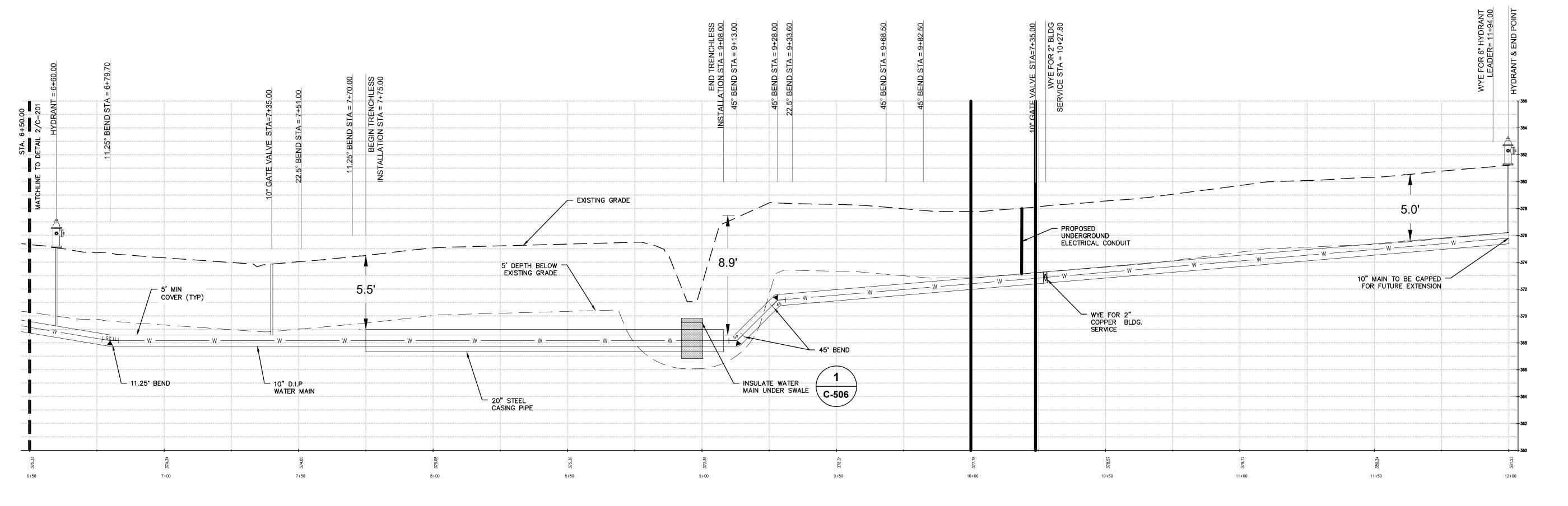
DISCIPLINE LEAD		J. MO	NTAGNE
PROJECT ARCHITECT/ENGINEE	R		ED/AL
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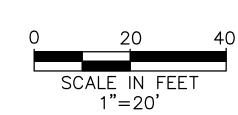
WATER SERVICE PLAN - STA 6+50 - 12+00 C-104.2 SCALE: 1"=20'

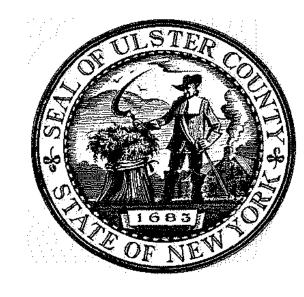


2 WATER SERVICE PROFILE - STA 6+50 - 11+71 C-104.2 SCALE: 1"=20" (5" VERTICAL EXAGGERATION)

UTILITY LEGEND:

FIRE HYDRANT PROPOSED WATER VALVE PROPOSED WATER BENDS





URBAHN ARCHITECTS

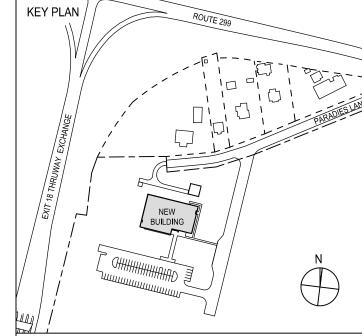
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I.T. / A.V / SECURITY CERAMI ASSOCIATES

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ULSTER COUNTY

GOVERNMENT **OPERATIONS** CENTER

10 PARADIES LANE, NEW PALTZ, NY 12561

100% CDs-BID SET

DRAWING NAME

UTILITY PLAN

DISCIPLINE LEAD	J. MONTAGNE
PROJECT ARCHITECT/ENGINEER	R ED/AL
DRAWN BY ED/AL	CHECKED BY RT
UAI PROJECT NO.	SCALE AS NOTED
SEAL OF NEW	DATE 12/20/2024
P AN J. TRUM	

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GENERAL LANDSCAPING NOTES:

- THE LANDSCAPE CONTRACTOR SHALL CAREFULLY COORDINATE CONSTRUCTION ACTIVITIES WITH THAT OF THE EARTHWORK CONTRACTOR AND OTHER SITE DEVELOPMENT.
- THE CONTRACTOR SHALL VERIFY DRAWING DIMENSIONS WITH ACTUAL FIELD CONDITIONS AND INSPECT RELATED WORK AND ADJACENT SURFACES. THE CONTRACTOR SHALL VERIFY THE ACCURACY OF ALL FINISH GRADES WITHIN THE WORK AREA. THE CONTRACTOR SHALL REPORT TO THE LANDSCAPE ARCHITECT/ENGINEER AND OWNER ALL CONDITIONS WHICH PREVENT PROPER EXECUTION OF THIS WORK.
- THE EXACT LOCATION OF ALL EXISTING UTILITIES, STRUCTURES AND UNDERGROUND UTILITIES, WHICH MAY NOT BE INDICATED ON THE DRAWINGS, SHALL BE DETERMINED BY THE CONTRACTOR. THE CONTRACTOR SHALL PROTECT EXISTING STRUCTURES AND UTILITY SERVICES AND IS RESPONSIBLE FOR THEIR REPLACEMENT IF DAMAGED.
- THE CONTRACTOR SHALL KEEP THE PREMISES FREE FROM RUBBISH AND ALL DEBRIS AT ALL TIMES AND SHALL ARRANGE MATERIAL STORAGE SO AS NOT TO INTERFERE WITH THE OPERATION OF THE PROJECT. ALL UNUSED MATERIALS, RUBBISH AND DEBRIS SHALL BE REMOVED FROM THE SITE.
- NO TREES OR SHRUBS SHALL BE PLANTED ON EXISTING OR PROPOSED UTILITY LINES.
- A. NOMENCLATURE: PLANT NAMES SHALL CONFORM TO THE LATEST EDITION OF "STANDARDIZED PLANT NAMES" AS ADOPTED BY THE AMERICAN JOINT COMMITTEE ON HORTICULTURAL NOMENCLATURE.
- B. SIZE AND GRADING: PLANT SIZES AND GRADING SHALL CONFORM TO THE LATEST EDITION OF "AMERICAN STANDARD FOR NURSERY STOCK" AS SPONSORED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC (AAN), UNLESS OTHERWISE SPECIFIED.
- C. NURSERY SOURCE: OBTAIN FRESHLY DUG. HEALTHY, VIGOROUS PLANTS NURSERY GROWN UNDER CLIMACTIC CONDITIONS SIMILAR TO THOSE IN THE LOCALITY OF THE PROJECT FOR A MINIMUM OF 2 YEARS. PLANTS SHALL HAVE BEEN LINED OUT IN ROWS. ANNUALLY CULTIVATED. SPRAYED, PRUNED AND FERTILIZED IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICE. ALL PLANTS SHALL HAVE BEEN TRANSPLANTED OR ROOT PRUNED AT LEAST ONCE IN THE PAST 3 YEARS, BALLED AND BURLAPPED PLANTS MUST COME FROM SOIL WHICH WILL HOLD A FIRM ROOT BALL. HEELED IN PLANTS AND PLANTS FROM COLD STORAGE ARE NOT ACCEPTABLE.
- D. SUBSTITUTIONS: DO NOT MAKE SUBSTITUTIONS OF TREES AND/OR SHRUB MATERIALS. IF REQUIRED LANDSCAPE MATERIAL IS NOT OBTAINABLE, SUBMIT PROOF OF NON-AVAILABILITY AND PROPOSAL FOR USE OF EQUIVALENT MATERIAL. WHEN AUTHORIZED, ADJUSTMENTS OF CONTRACT AMOUNT (IF ANY) WILL BE MADE BY CHANGE ORDER.
- SEEDING & PLANTING SEASONS AND TIMING CONDITIONS:
- A. UNLESS OTHERWISE DIRECTED IN WRITING, SEED LAWNS FROM MARCH 15 TO JUNE 15, AND FROM AUGUST 15 TO OCTOBER 15.
- B. UNLESS OTHERWISE DIRECTED IN WRITING, PLANT TREES AND SHRUBS FROM MARCH 15 TO JUNE 1, AND FROM AUGUST 15 TO OCTOBER 30.
- C. AREAS UNDERGOING CLEARING OR GRADING AND ANY AREAS DISTURBED BY CONSTRUCTION ACTIVITIES WHERE LAWNS OR PLANTINGS ARE TO BE ESTABLISHED AND WORK IS COMPLETE, SHALL BE RESTORED WITH PERMANENT VEGETATIVE COVER AS SOON AS SITE AREAS ARE AVAILABLE AND WITHIN 14 DAYS AFTER WORK IS COMPLETE; WORK SHALL BE WITHIN THE SEASONAL LIMITATIONS FOR EACH KIND OF LANDSCAPE WORK REQUIRED. PROVIDE STABILIZATION WITH TEMPORARY VEGETATIVE COVER (TOPSOIL AND TEMPORARY COVER SEED MIX) WITHIN 14 DAYS AFTER WORK IS COMPLETE, FOR SEEDING OUTSIDE PERMITTED SEEDING PERIODS.
- **EXECUTION:** A. LANDSCAPE WORK SHALL BE UNDERTAKEN AS SOON AS SITE AREAS ARE AVAILABLE.
- B. TOPSOIL SHALL BE SPREAD NO LESS THAN 4" OVER SUB-GRADE MATERIAL. SOIL AMENDMENTS SHALL BE THOROUGHLY MIXED INTO THE TOP 4" OF TOPSOIL, FOLLOWING THE SPECIFICATIONS STATED BELOW.
- C. PERFORM FINE GRADING TO FINISHED ELEVATION ONLY IMMEDIATELY PRIOR TO PLANTING. PLANTING AREAS SHALL BE GRADED TO A SMOOTH, EVEN SURFACE, FREE OF DEPRESSIONS OR RIDGES WITH A UNIFORM LOOSE, FINE TEXTURE.
- D. FERTILIZING:
- i. THE SOIL SHALL BE TESTED FOR PH AND LIME ADDED AS NECESSARY. ALL AMENDMENTS SHALL BE CHECKED AND APPROVED BY LANDSCAPE ARCHITECT BEFORE AMENDMENTS ARE
- ii. APPLY FERTILIZER AT RATE OF 4 LBS/1000 SF FOR LAWN AREAS.
- E. LAWN (SEED):
- i. LAWN SÉED MIX: SEED AT THE RATE OF 5 TO 6 LBS PER 1,000 SF.
- F. ALL SEEDED AREAS SHALL BE PROTECTED FROM EROSION BY ONE OF THE FOLLOWING METHODS:
- i. A UNIFORM BLANKET OF STRAW APPLIED AT A RATE OF 2 TONS/ACRE MIN, TO BE APPLIED ONCE SEEDING IS COMPLETE.
- ii. WOOD FIBER CELLULOSE APPLIED WITH SEED MIX BY A HYDROSEEDER AT A RATE OF 2,000 LBS/ACRE.
- G. LAWN (SOD):
 - HARVEST, STORE AND HANDLE SOD ACCORDING TO REQUIREMENTS IN "SPECIFICATIONS FOR TURFGRASS SOD MATERIALS" AND "SPECIFICATIONS FOR TURFGRASS SOD TRANSPLANTING AND INSTALLATION" IN TPI'S "GUIDELINE SPECIFICATIONS FOR TURFGRASS SODDING." DELIVER SOD IN TIME FOR PLANTING WITHIN 24 HOURS OF HARVESTING. PROTECT SOD FROM BREAKAGE AND DRYING. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- H. ALL SEEDED SLOPES 3:1 OR GREATER SHALL BE PROTECTED FROM EROSION WITH JUTE MESH OR APPROVED EQUIVALENT.
- I. ALL NEWLY PLANTED AREAS SHALL BE KEPT MOIST BY WATERING UNTIL GRASSES AND GROUND COVERS ARE WELL ESTABLISHED. THE LANDSCAPE CONTRACTOR MUST WATER PLANT MATERIAL WHEN NECESSARY FOR 60 DAYS AFTER INSTALLATION.
- J. LAWNS ARE TO BE WARRANTED UNTIL THEY BECOME ESTABLISHED, UNTIL FINAL ACCEPTANCE, AND NOT LESS THAN 60 DAYS AFTER COMPLETION OF ALL WORK. TREES, SHRUBS, GROUND COVERS. AND PERENNIALS SHALL BE WARRANTED AGAINST DEFECTS INCLUDING POOR GROWTH AND DEATH, EXCEPT WHEN RESULTING FROM OWNER NEGLECT, INCIDENTS THAT ARE BEYOND THE CONTROL OF THE LANDSCAPE INSTALLER AND DAMAGE OR ABUSE BY OTHERS, FOR AT LEAST ONE FULL YEAR AFTER PROJECT COMPLETION. ANY PLANTINGS THAT HAVE TO BE REPLACED DURING THE WARRANTY PERIOD SHALL BE NOTED ON A PLAN SKETCH AND SHALL COME WITH A NEW 1 YEAR WARRANTY FROM DATE OF REPLACEMENT.

ADDITIONAL NOTES:

1. THE SITE IS A BROWNFIELD CLEANUP PROGRAM SITE (SITE NO. C356053) UNDER NYSDEC AND ALL WORK TO BE PERFORMED ON SITE SHALL BE PERFORMED IN

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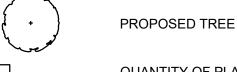
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- 2. BACKFILL, INCLUSIVE OF LANDSCAPING MATERIAL, TO BE APPROVED BY NYSDEC AND
- 3. AREAS WITH EXPOSED SOILS (I.E. LANDSCAPED AREAS, ETC.) TO MEET COMMERCIAL USE SCOS IN THE 0-1' INTERVAL IN ACCORDANCE WITH THE RAWP AND SOIL COVER SYSTEM FOR
- 4. SOIL COVER SYSTEM IN LANDSCAPED AREAS WHERE CONTAMINATION REMAINS TO CONSIST OF





QTY. ABRV. **BOTANICAL NAME** COND. SPACING COMMENT DETAIL COMMON NAME AR ACER RUBRUM **RED MAPLE** 3"-3.5" CAL. B&B | AS SHOWN **_1,2** \ QP **QUERCUS PALUSTRIS** 3"-3.5" CAL. PIN OAK AS SHOWN C-520 AC B&B ABIES CONCOLOR WHITE FIR 6'-7' HT AS SHOWN **COLORADO BLUE** 12 PP PICEA PUNGENSGLAUCA 6'-7' HT B&B AS SHOWN SPRUCE

PLANTING SCHEDULE

(TWO WAY TRAFFIC) (TOWN ROAD)

2

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CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY **CERAMI ASSOCIATES** 1155 15TH STREET #606, WASHINGTON, DC 20005

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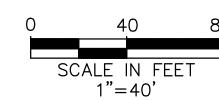
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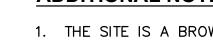
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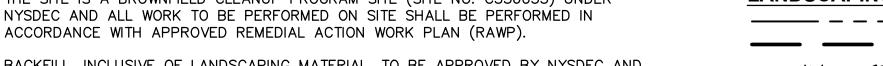
LANDSCAPE PLAN

DISCIPLINE LEAD		J. M	ТИС	Α(
PROJECT ARCHITECT/ENGINEE	:R		Εſ)/.
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SEE DETAIL 4/C-516

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REMEDIATION ENGINEER PRIOR TO IMPORTATION.

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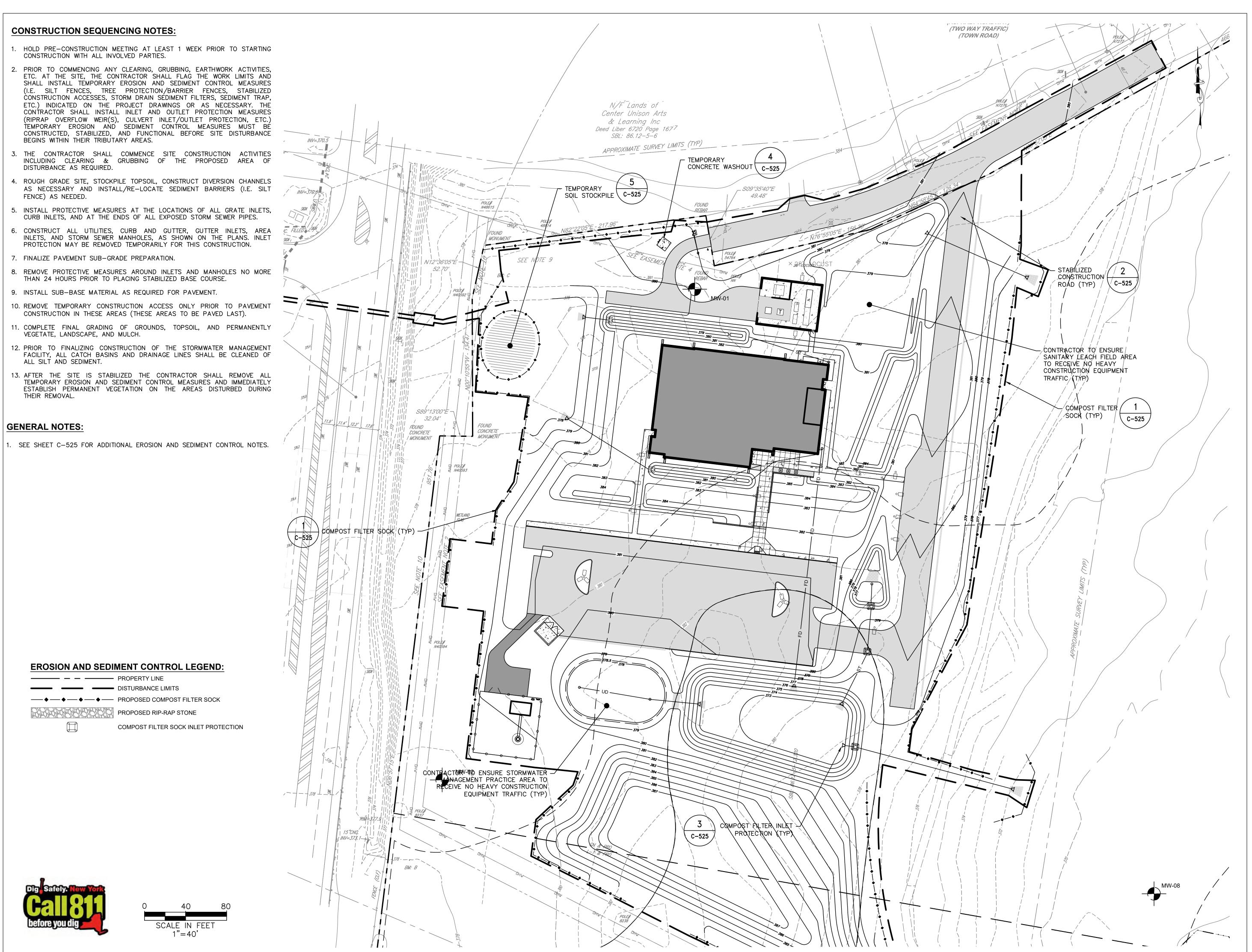
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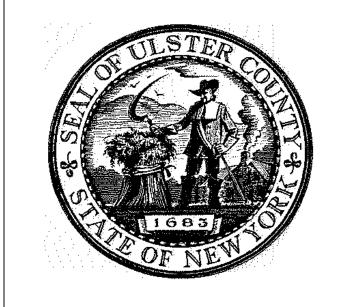
& Learning Inc

Deed Liber 6720 Page 167 SBL: 86.12-5-6

APPROXIMATE SURVEY LIMITS (7.

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80 WOLF ROAD #600, ALBANY, NY 12205

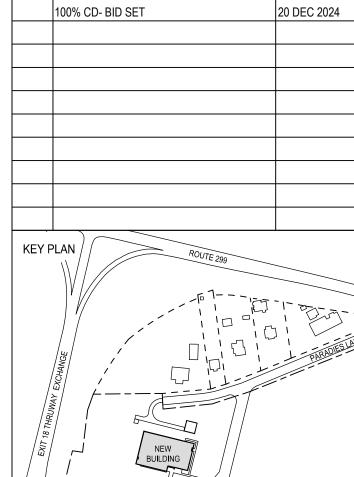
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I.T. / A.V / SECURITY

CERAMI ASSOCIATES 1155 15TH STREET #606, WASHINGTON, DC 20005 ISSUE / REVISION

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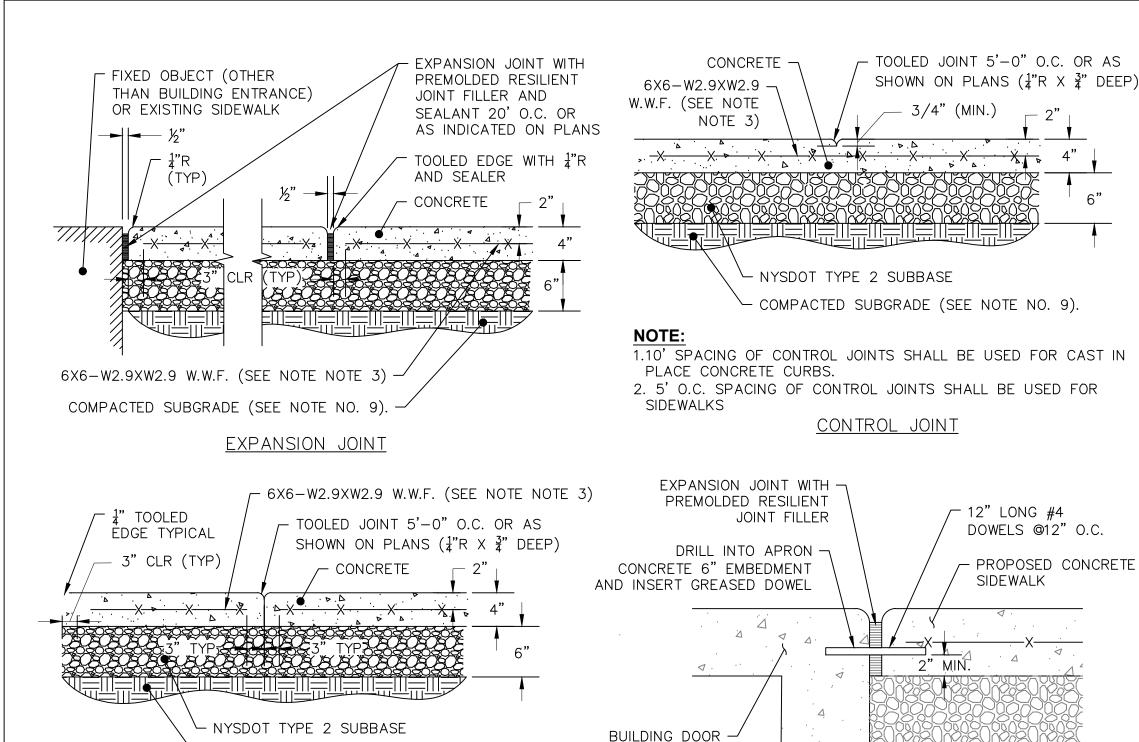
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EROSION AND SEDIMENT CONTROL PLAN

DISCIPLINE LEAD			J. M	ONTAGNE
PROJECT ARCHITEC	CT/ENGINEER	₹		ED/AL
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SIDEWALK NOTES:

1. MATERIAL AND METHODS OF CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSDOT) STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, DATED SEPTEMBER 1, 2024 AND AS AMENDED THEREAFTER; THE ONLY EXCEPTION BEING THAT THE WORK OF THIS CONTRACT SHALL BE MEASURED IN ENGLISH UNITS.

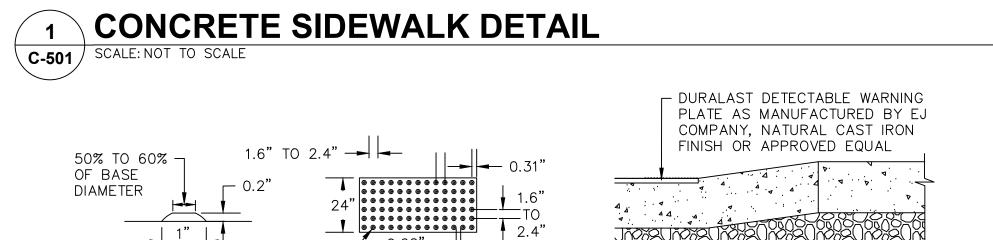
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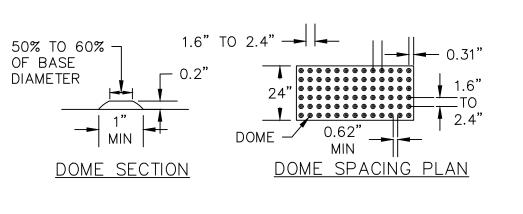
- 2. ALL CONCRETE SHALL BE 4500 PSI CONCRETE. CONCRETE MATERIALS, PLACEMENT, AND CONSTRUCTION SHALL CONFORM WITH SECTION 500-PORTLAND CEMENT CONCRETE OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS.
- 3. REINFORCING STEEL FOR CONCRETE SHALL CONFORM WITH SECTION 556 REINFORCING STEEL FOR CONCRETE STRUCTURES OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS AND AS SPECIFICALLY CALLED OUT IN THE DRAWINGS
- 4. ALL EXPOSED SURFACED SHALL HAVE A BROOM TEXTURED FINISH & TOOLED EDGES. TOOL SHALL BE PROVIDED 1-1/2" (MAX) WIDE SMOOTH TROWEL FINISH AT EACH SIDE OF JOINT.
- 5. EXPANSION JOINTS SHALL BE LOCATED A MAXIMUM OF 20'-0" ON CENTER, OR AS INDICATED ON PLANS, AND SHALL BE PLACED AT ALL INTERFACES WITH FIXED OBJECTS INCLUDING BUILDINGS, CURBING, AND EXISTING CONCRETE WALKS/PADS.
- 6. EXPANSION JOINTS SHALL NOT BE SAW CUT.
- 7. EXPOSED CONCRETE SURFACES SHALL BE TREATED WITH PROSOCO, CONSOLIDECK SALTGUARD WB PENETRATING WATER & SALT BARRIER OR APPROVED EQUIVALENT. RATE AND METHOD OF APPLICATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- 8. SUBBASE MATERIAL SHALL CONFORM WITH SECTION 304-SUBBASE COURSE OF THE ABOVE REFERENCED NYSDOT STANDARD.
- 9. WHERE IT IS NECESSARY TO PLACE FILL FOR PURPOSE OF BRINGING THE SUBGRADE ELEVATION UP TO A SPECIFIED GRADE, THE FILL MATERIAL SHALL BE SELECT GRANULAR FILL PLACED IN CONFORMANCE WITH SECTION 203-EXCAVATION AND EMBANKMENT OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS.
- 10. ALL WORK SHALL CONFORM WITH SECTION 608-SIDEWALK, DRIVEWAYS, AND BICYCLE PATHS OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS.
- 11. SIDEWALKS SHALL HAVE A CROSS SLOPE OF 1.5% UNLESS OTHERWISE NOTED.

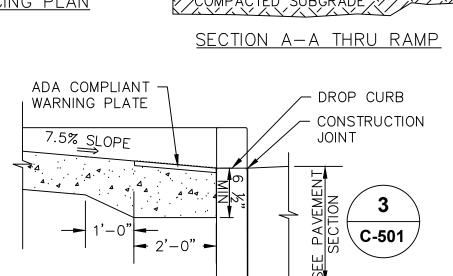
- COMPACTED SUBGRADE (SEE NOTE NO. 9).

CONSTRUCTION JOINT

12. SUBBASE MATERIAL SHALL EXTEND 6" BEYOND OUTSIDE EDGES OF CONCRETE POURS.





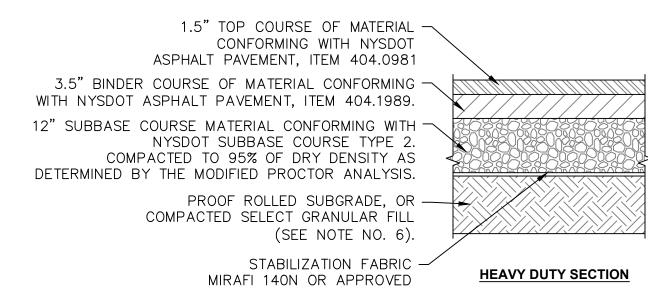


1. TACTILE WARNING STRIP SHALL BE ADA COMPLIANT INCLUDING VISUALLY CONTRASTING WITH ADJOINING SURFACES.

SECTION B-B THRU RAMP

TACTILE WARNING FOR RAMPS C-501 | SCALE: NOT TO SCALE

DIRECT BURIED CONDUIT DETAIL SCALE: NOT TO SCALE

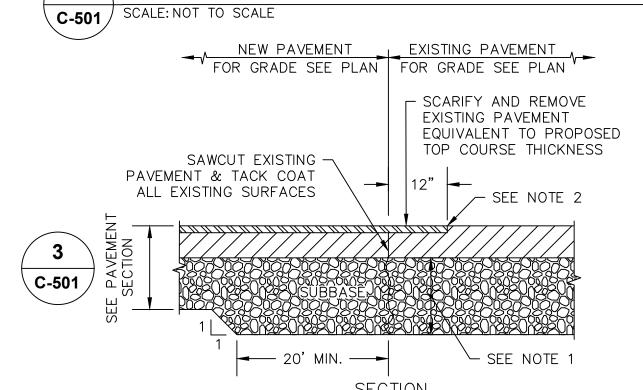


NOTES:

1. MATERIALS AND METHODS OF CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSDOT) STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, DATED SEPTEMBER 1, 2024, AND ALL ADDENDA THERETO; THE ONLY EXCEPTION BEING THAT THE WORK OF THIS CONTRACT SHALL BE MEASURED IN ENGLISH UNITS.

EQUIVALENT

- 2. SUBBASE MATERIAL SHALL CONFORM WITH SECTION 304-SUBBASE COURSE OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS AND THE TYPE CALLED OUT IN THESE DRAWINGS.
- 3. ASPHALT PAVEMENT SHALL CONFORM WITH SECTION 400-ASPHALT MIXTURE AND PAVEMENT OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS AND THE ITEM NUMBERS CALLED OUT IN THESE DRAWINGS. ALTHOUGH SECTION 400 IN ITS ENTIRETY IS REFERENCED, THE ASPHALT PAVEMENT(S) SPECIFIED FOR THIS CONTRACT SHALL BE AS SPECIFIED UNDER SECTION 404-ASPHALT PAVEMENTS
- 4. TACK COAT WHEN SPECIFIED OR CALLED OUT IN THESE DRAWINGS OR REQUIRED BY THE REFERENCED SPECIFICATIONS SHALL CONFORM WITH SECTION 407-TACK COAT OF THE ABOVE REFERENCED NYSDOT
- 5. APPLY TACK COAT TO ASPHALT PAVEMENT SURFACES AND SURFACES OF CURBS BELOW PAVEMENT LEVEL, GUTTERS, MANHOLES, AND OTHER STRUCTURES PROJECTING INTO OR ABUTTING PAVEMENT. TACK COAT ENTIRE VERTICAL SURFACE OF ABUTTING EXISTING PAVEMENT. DRY TO A "TACKY" CONSISTENCY BEFORE PAVING.
- 6. WHERE IT IS NECESSARY TO PLACE FILL FOR PURPOSES OF BRINGING THE SUBGRADE ELEVATION UP TO A SPECIFIED GRADE, THE FILL MATERIAL PLACED SHALL BE IN CONFORMANCE WITH SECTION 203-EXCAVATION AND EMBANKMENT OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS.
- 7. REMOVE LOOSE AND FOREIGN MATERIAL FROM ASPHALT SURFACE BEFORE PAVING NEXT COURSE. USE POWER BROOMS, BLOWERS OR HAND BROOM.
- 8. PAVEMENT SECTION DEVELOPED FROM GEOTECHNICAL REPORT PREPARED BY GIFFORD ENGINEERING, TITLED "GEOTECHNICAL ENGINEERING REPORT, ULSTER COUNT GOVERNMENT OPERATIONS CENTER", DATED NOVEMBER 2023.

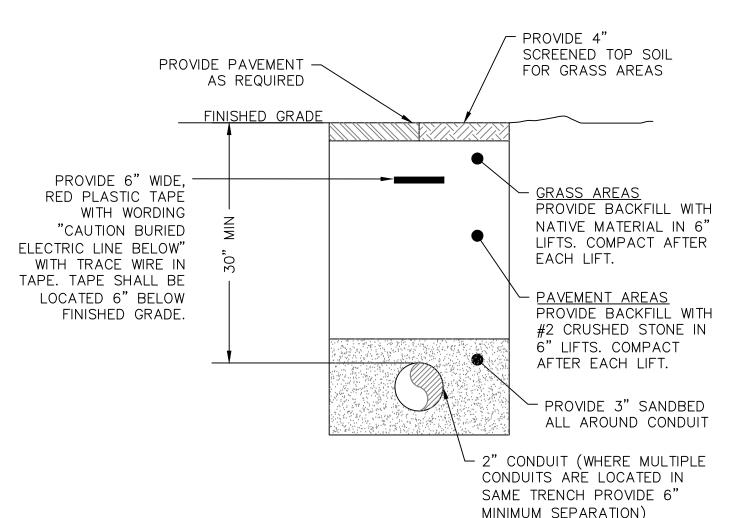


ASPHALT PAVEMENT DETAIL

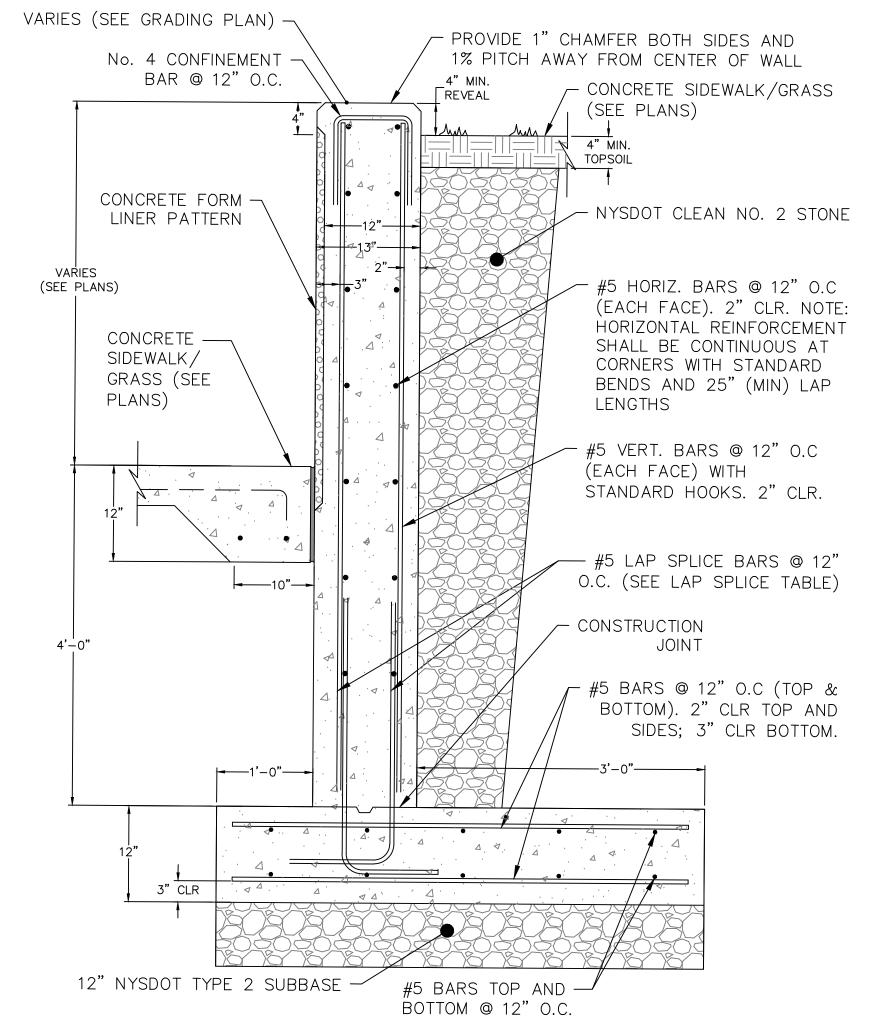
NOTES:

- 1. MATCH EXISTING SUBBASE, IF GREATER THAN PROPOSED SECTION CONTRACTOR TO (VIF)
- 2. EDGE OF TOP COURSE KEYWAY SHALL BE SAWCUT IN EXISTING PAVEMENT PRIOR TO REMOVING EXISTING ASPHALT LAYER

PAVEMENT TRANSITION SCALE: NOT TO SCALE C-501 /



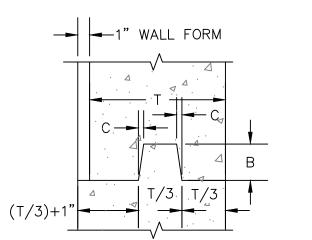




C-501 | SCALE: 1" = 1'

- 1. FORM LINER #911A LARGE STONE DRYSTACK BY ARCHITECTURAL POLYMERS INC. USED AS DESIGN BASIS. CONTRACTOR TO SUBMIT SHOP DRAWING PREPARED BY THE MANUFACTURER.
- 2. SEE STRUCTURAL SPECIFICATIONS FOR CONCRETE AND REINFORCEMENT NOTES.

CONCRETE RETAINING WALL



NOTE: WATERSTOP NOT SHOWN VERTICAL JOINT

CONS	STRUCTION	JOINTS
С	В	T/3
3/16"	1 1/2"	0 TO 6"
3/8"	3 1/2"	6" TO 10"
3/4"	5 1/2"	10" AND OVER
OTE: T = 1	2"	

	LAP SPLICE TABLE					
BAR SIZE	LAP SPLICE LENGTH VERT. BARS	LAP SPLICE LENGTH HORIZ. BARS				
#4	2'-1"	2'-8"				
#5	2'-7"	3'-4"				
#6	3'-1"	4'-0"				
#7	3'-7"	4'-8"				
#8	4'-1"	5'-4"				
#9	4'-8"	6'-0"				
NOTE: LAP SPLICE LENGTHS SHOWN ARE						

FOUNDATION GENERAL NOTES:

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING SHALL

- 1. ANY EXISTING FOUNDATIONS ENCOUNTERED DURING CONSTRUCTION OF THE PROPOSED FOUNDATION(S) SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER. WITH APPROVAL FROM THE ENGINEER, THE EXISTING FOUNDATION(S) SHALL BE REMOVED FROM THE NEW FOOTING AREA AND THE EXCAVATION BACKFILLED IN COMPACTED LIFTS, IN ACCORDANCE WITH
- 2. SELECT GRANULAR FILL TO BE PLACED IN 6" LIFTS WHERE HAND OPERATED POWER EQUIPMENT IS REQUIRED. EACH LIFT SHALL BE COMPACTED TO 95% MODIFIED DRY DENSITY THROUGH THE MODIFIED PROCTOR COMPACTION TEST, ASTM D-1557.
- 3. FOUNDATION EXCAVATIONS SHALL BE INSPECTED BY A SPECIAL INSPECTOR (TO BE HIRED BY OWNER) PRIOR TO CONCRETE PLACEMENT. SOFTENED OR OTHERWISE UNSUITABLE BEARING MATERIALS SHALL BE REMOVED AND REPLACED WITH SELECT GRANULAR FILL OR WITH LEAN CONCRETE (3,000 PSI).
- 4. EXCAVATIONS SHALL BE KEPT DRY BY PUMPING UNTIL UNDERGROUND CONSTRUCTION IS COMPLETE.
- 5. LOOSENED BEARING SOILS SHALL BE RECOMPACTED WITH A SMALL VIBRATORY PLATE COMPACTOR PRIOR TO PLACEMENT OF REINFORCING
- 6. SLOPING OF ALL EXCAVATIONS TO BE PERFORMED IN ACCORDANCE WITH THE SLOPING AND BENCHING REQUIREMENTS OF OSHA, CALLED OUT BY THESE DRAWINGS.
- 7. IF ANY SOFT SOIL OR WATER IS ENCOUNTERED AT THE FOOTING SUBGRADE, THE FOOTINGS SHALL BE OVER EXCAVATED TO A MIN. OF 6-12 INCHES AND INSPECTED BY A SPECIAL INSPECTOR (TO BE HIRED BY OWNER). THE OVER EXCAVATION SHALL THEN BE REPLACED WITH SELECT GRANULAR FILL OR AS SPECIFIED BY THE SPECIAL INSPECTOR.



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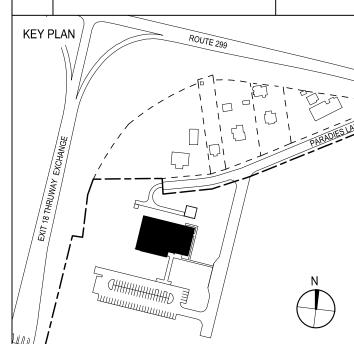
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PARTNER ARCHITECT ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY **CERAMI ASSOCIATES**

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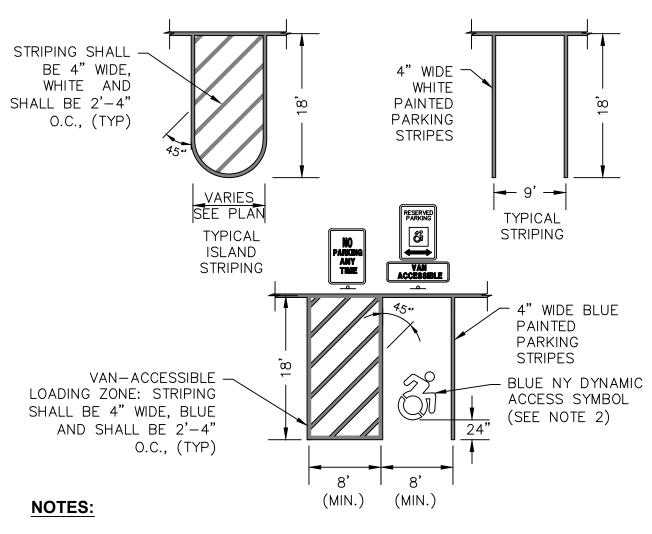
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DRAWING NAME

SITE DETAILS

	DISCIPLINE LEAD			J. MC	ONTAGNE	:
	PROJECT ARCHITECT	T/ENGINEEF	₹		ED/AL	
	DRAWN BY	ED/AL	CHECKE	D BY	RT	
	UAI PROJECT NO.		SCALE	A	S NOTED)
	SEAL OF NEW		DATE	12/2	0/2024	
	TRIJI TRIJ	W. H.	(C-5	01	

RFB-UC24-148C 19 OF 227



- 1. ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH ADA STANDARD AND CURRENT ZONING AND SITE REGULATIONS.
- 2. PAINTED DYNAMIC ACCESS SYMBOL TO BE IN ACCORDANCE WITH NEW YORK LAW. 3. SLOPE OF PAVEMENT SURFACE IN ACCESSIBLE PARKING AREA SHALL NOT EXCEED 2% IN ANY DIRECTION.
- 4. SEE PLAN FOR ACTUAL SIGN LOCATIONS.

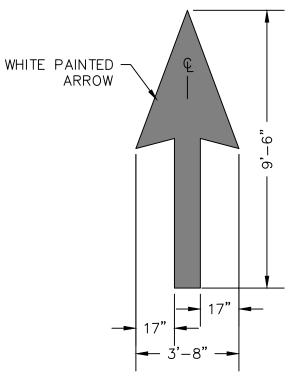
PAVEMENT STRIPING DETAILS AND ACCESSIBLE PARKING STALL SCALE: NOT TO SCALE

		SIGN SC	HEDULI		
SIGN NO.	SIGN FACE	NUMBER	MIN SIZE	COLOF BCK GRND	RS LEGEND
1	STOP	R1-1	30"x30"	RED	WHITE
2	RESERVED PARKING	NY R7-8D	12"x18"	WHITE/ BLUE	GREEN/ WHITE
3	NO PARKING ANY TIME	R7-1	12"x18"	WHITE	RED
4	VAN ACCESSIBLE	R7-8p	12"x6"	WHITE	BLUE
(5)	DE AD DE AD	W14-1	36"x36"	YELLOW	BLACK
6	ACCESSIBLE EV CHARGING USE LAST	N/A	12"x18"	WHITE/ BLUE	BLUE
Image: Control of the	PARKING EXCEPT ELECTRIC VEHICLES	N/A	12"x18"	WHITE	RED/ WHITE
8	EV	D9-11b	24x24"	BLUE	WHITE

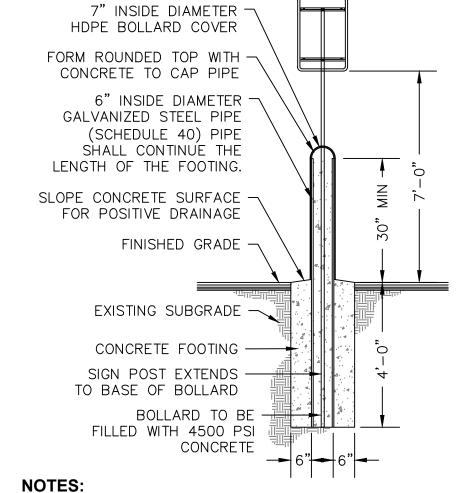
SIGNAGE AND PAVEMENT MARKING NOTES

- 1. ALL SIGNS AND PAVEMENT MARKINGS SHALL CONFORM TO THE LATEST EDITION OF THE NYSDOT STANDARD SPECIFICATIONS, SECTION 640 & 645 AND THE "NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" - 2009 EDITION AND THE "NYS SUPPLEMENT."
- 2. SIGN POST SHALL BE IN ACCORDANCE W/ NYSDOT STANDARD SPECS SECTION 730.
- 3. SIGN MOUNTING HEIGHT SHALL BE A MINIMUM OF 7'. MINIMUM MOUNTING HEIGHT MAY BE ADJUSTED ONLY IN ACCORDANCE WITH PROVISIONS OUTLINED IN THE "NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" - 2009 EDITION AND THE "NYS SUPPLEMENT."
- 4. STRIPING WORK WILL BE REVIEWED AND ACCEPTED BY THE ENGINEER.



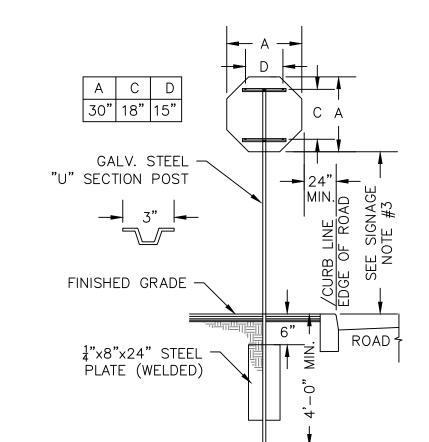


DIRECTIONAL ARROW MARKING SCALE: NOT TO SCALE C-502



- 1. BOLLARD FINISH:
- HDPE BOLLARD COVER STANDARD OF QUALITY "POST GUARD DOME TOP COVER" BY ENCORE COMMERCIAL PRODUCTS, INC. OR APPROVED EQUIVALENT (COLOR TO BE YELLOW UNLESS OTHERWISE SELECTED BY OWNER. 2. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE
- STRENGTH OF 4,500 PSI @ 28 DAYS. 3. ALL CONCRETE SHALL HAVE A SLUMP OF NO GREATER THAN 4" (WITH A TOLERANCE OF 1").
- 4. ALL CONCRETE SHALL HAVE A 5% ENTRAINED AIR (WITH A TOLERANCES OF 1%) CONFORMING WITH ASTM C260.

BOLLARD MOUNTED SINGLE SIGN POST C-502 | SCALE: NOT TO SCALE



SCALE: NOT TO SCALE

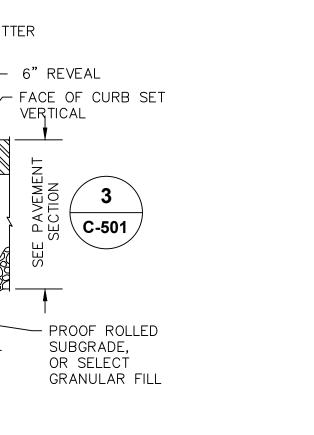
C-502

SINGLE POST STOP SIGN MOUNTING DETAIL

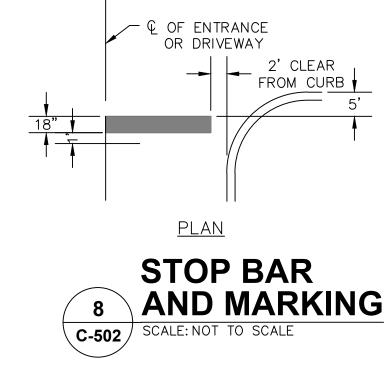
SUBBASE COURSE MATERIAL -CONFORMING TO NYSDOT SUBBASE COURSE TYPE 2 C-501 SIDEWALK JOINTS SHALL BE /GRASS IN ACCORDANCE WITH NYSDOT PROOF ROLLED STANDARD SPEC SUBGRADE, PAVEMENT SECTION 609-3.04 OR SELECT GRANULAR FILL 1. CONCRETE CURB SHALL BE INSTALLED IN ACCORDANCE WITH NYSDOT STANDARD SPECIFICATION SECTION 609. 2. PRECAST CONCRETE CURB MAY BE SUBSTITUTED, WHEN ALTERNATE CONSTRUCTION DETAILS ARE SUBMITTED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. ALTERNATE CURB SHALL BE INSTALLED IN ACCORDANCE WITH NYSDOT SPEC SECTION 609. **CAST IN PLACE CONCRETE CURB** C-502 | SCALE: NOT TO SCALE

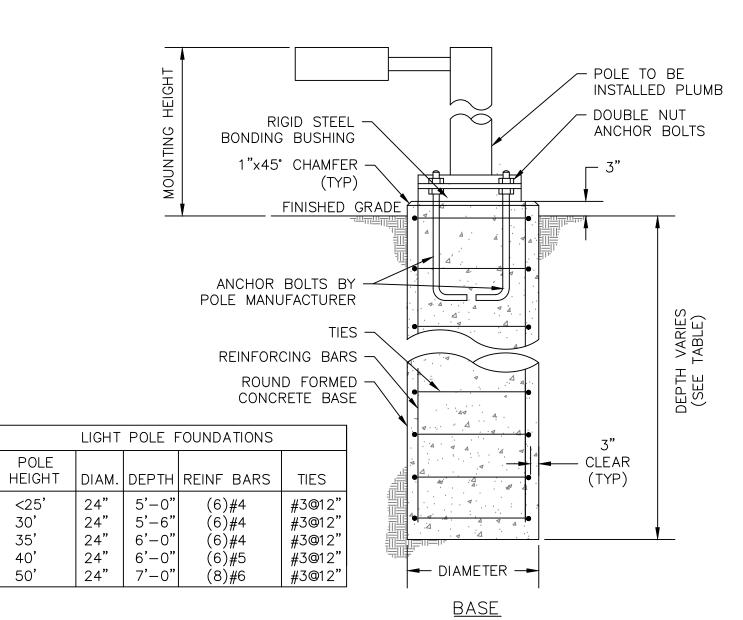
FINISHED GRADE 1" BELOW TOP OF CURB IN ALL LANDSCAPED AREAS

4" OF TOPSOIL



VERTICAL

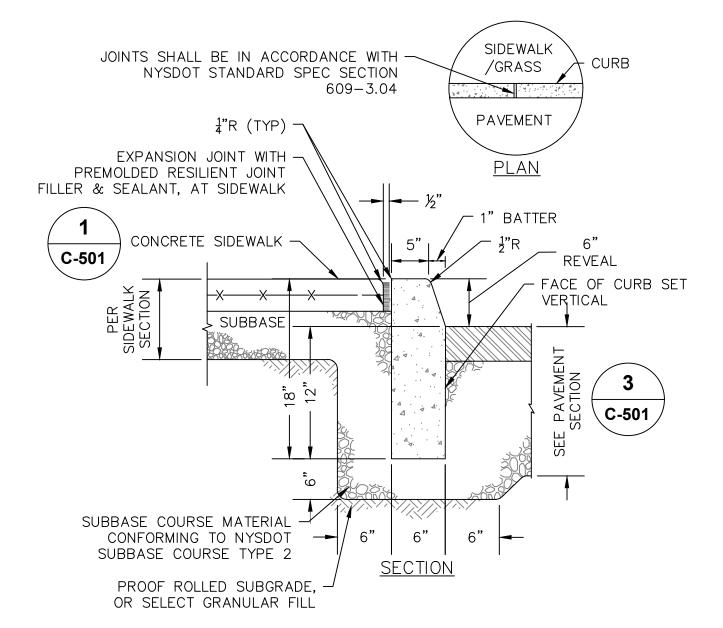




NOTES:

- CONDUITS AND GROUNDING SHALL BE AS SPECIFIED BY MEP ENGINEER.
- ALL CONCRETE SHALL BE 3,000 PSI @ 28 DAYS DESIGNED FOR 90 MPH WIND WITH FIXTURE AREA OF 13 SF
- 4. FOUNDATION DIAMETER AND REINFORCING CIRCLE SHALL BE COORDINATED WITH ANCHOR BOLT
- 5. FOUNDATIONS SHALL BEAR ON UNDISTURBED NATURAL SOIL OR COMPACTED CRUSH STONE 6. ALL EXCAVATIONS SHALL BE BACKFILLED WITH STRUCTURAL FILL AND COMPACTED TO 95%
- OF MAXIMUM MATERIAL DENSITY 7. EXPOSED AREAS OF CONCRETE AND ONE FOOT MIN BELOW FINISHED GRADE SHALL BE FORMED





1. CONCRETE CURB SHALL BE INSTALLED IN ACCORDANCE WITH NYSDOT STANDARD SPECIFICATION SECTION 609.

2. PRECAST CONCRETE CURB MAY BE SUBSTITUTED, WHEN ALTERNATE CONSTRUCTION DETAILS ARE SUBMITTED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. ALTERNATE CURB SHALL BE INSTALLED IN ACCORDANCE WITH NYSDOT SPEC SECTION 609.





URBAHN ARCHITECTS

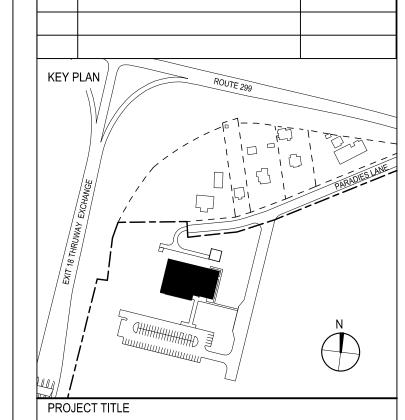
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PHASE

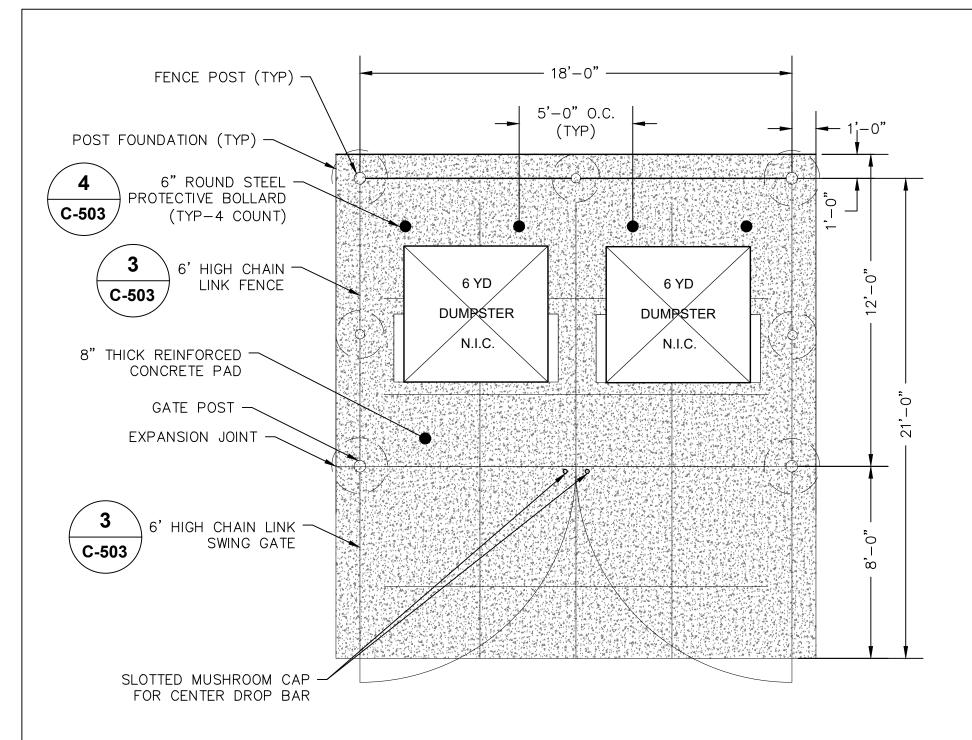
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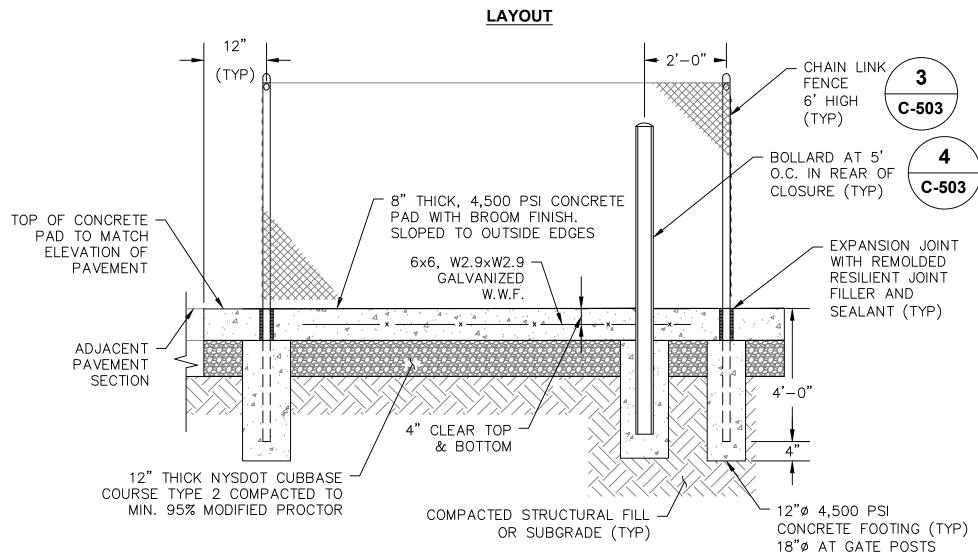
DRAWING NAME

SITE DETAILS

SCIPLINE LEAD		J.	MONTA	AGNE
ROJECT ARCHITEC	T/ENGINEER	₹	ED	/AL
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AI PROJECT NO.		SCALE	AS N	OTED
OF NEW		DATE ′	12/20/20	24
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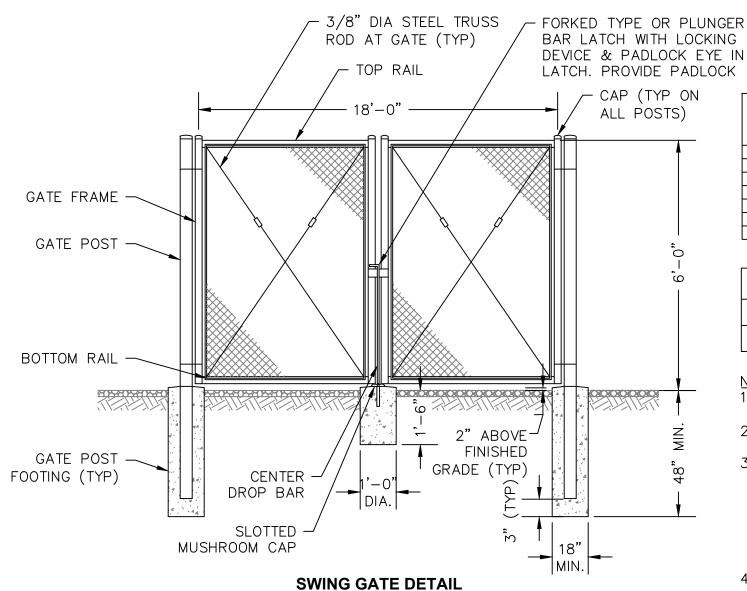
6' HIGH BLACK PVC FENCE **DUMPSTER ENCLOSURE WITH PAD**

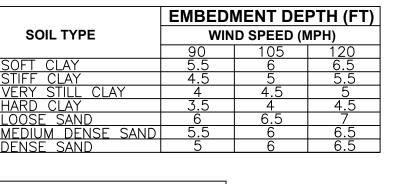
- LEVEL 2 ELECTRIC VEHICLE CHARGING STATION WITH DUAL CORDS ELECTRIC VEHICLE CHARGING -SIGN POST MOUNTED IN BOLLARI SIGNAGE (SEE SITE PLANS C-502 FOR LOCATIONS) CONCRETE FILLED / 4 STEEL BOLLARD **C-503** 4'-6" TO CENTER ELECTRIC VEHICLE CHARGING STATION SYMBOL OF SYMBOL 4" WIDE GREEN PAINTED PARKING STRIPES WHITE ELECTRIC VEHICLE CHARGING STATION SYMBOL (SEE NOTE 2)

SECTION

- 1. ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH CURRENT ZONING AND SITE REGULATIONS
- 2. PAINTED ELECTRIC VEHICLE PARKING STALL SYMBOL TO BE IN ACCORDANCE WITH MUNICIPAL STANDARDS IF APPLICABLE.
- 3. SEE PLAN FOR ACTUAL SIGN LOCATIONS AND PARKING STALL DIMENSIONS.

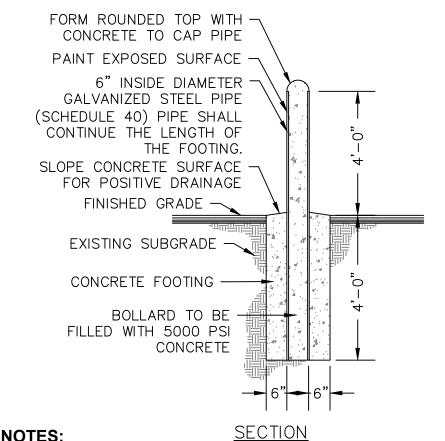
PAVEMENT STRIPING AND SIGNAGE DETAILS FOR ELECTRIC VEHICLE PARKING STALL C-503 SCALE: NOT TO SCALE





GATE POST SCHEDULE GATE LEAF SIZE POST O.D.

- 1. ALL POSTS, RAILS, MESH & HARDWARE TO BE GALVANIZED STEEL W/BLACK POWDER COATED FINISH 2. END POST REQUIREMENTS ALSO APPLY TO CORNER
- AND PULL POSTS. 3. CONTRACTOR SHALL HAVE THE OPTION OF SETTING LINE POSTS IN 12" Ø BY 48" DEEP CONCRETE FOOTING OR USING DRIVING AND ANCHORING SPECIFIED BY THE MANUFACTURER TO THE DEPTH SPECIFIED IN THE INCLUDED TABLE EXCEPT FOR ALL END CORNER AND INTERMEDIATE POSTS SHALL HAVE CONCRETE FOOTINGS PER DETAIL.
- 4. GATES ARE TO SWING OUTWARD, MAINTAINING 4" CLEARANCE FROM FINISHED GRADE.



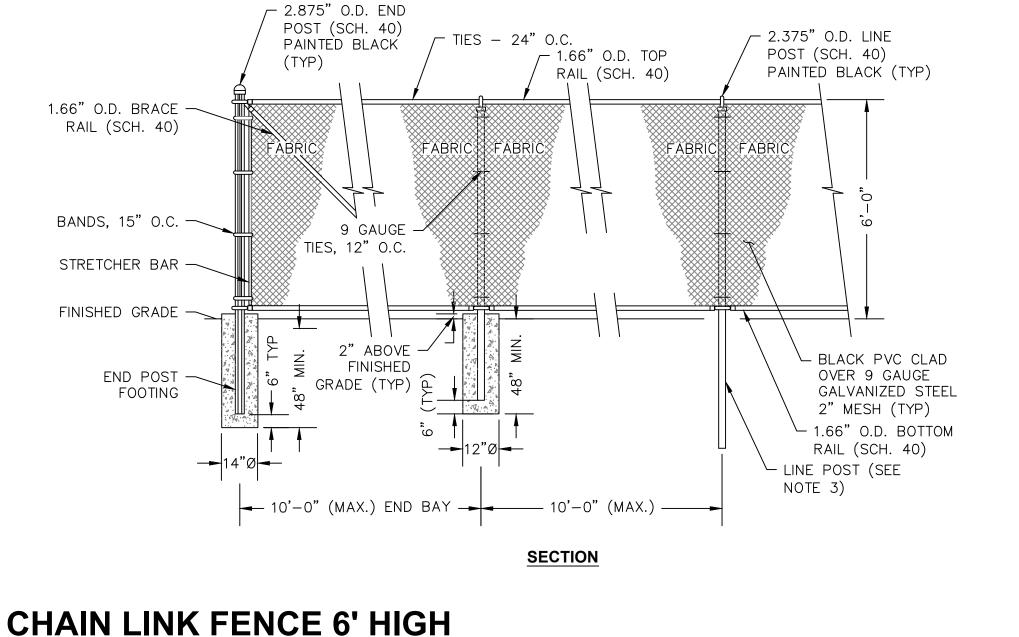
NOTES:

- 1. BOLLARD FINISH: PREPARE GALVANIZED COATING TO RECEIVE PAINTED FINISH. APPLY (2) COATS OF GLOSS ENAMEL (COLOR TO BE YELLOW UNLESS OTHERWISE SELECTED BY THE OWNER.) 2. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE
- STRENGTH OF 5,000 PSI @ 28 DAYS. 3. ALL CONCRETE SHALL HAVE A SLUMP OF NO GREATER THAN 4" (WITH A TOLERANCE OF 1").
- 4. ALL CONCRETE SHALL HAVE A 5% ENTRAINED AIR (WITH A TOLERANCES OF 1%) CONFORMING WITH ASTM C260.



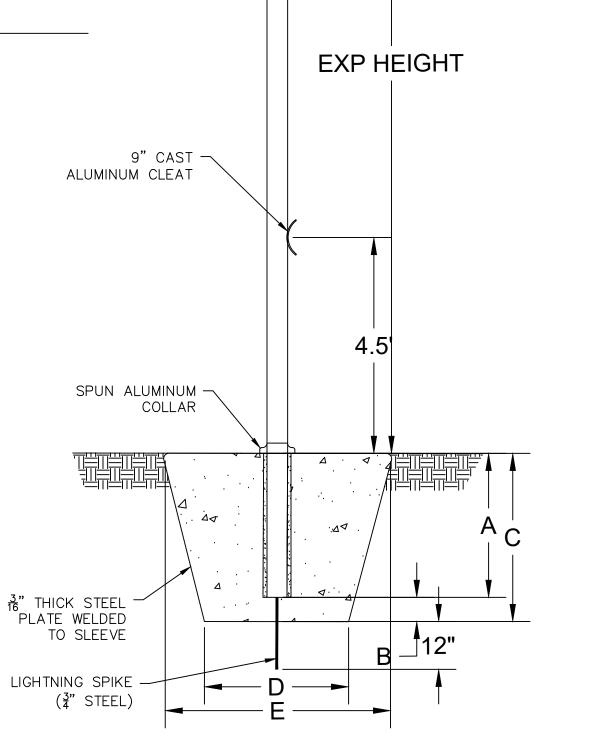


→ 3"



FOUNDATION DIMENSIONS							
EXP HEIGHT	Α	В	С	D	Е		
20' 0"	3' 0"	0' 6"	3' 6"	2' 0"	2' 6"		
25' 0"	3' 0"	0' 6"	3' 6"	2' 0"	2' 6"		
30' 0"	3' 0"	0' 6"	3' 6"	2' 0"	2' 6"		
35' 0"	3' 6"	0' 6"	4' 0"	2' 6"	3' 0"		
40' 0"	4' 0"	0' 6"	4' 6"	3' 0"	3' 6"		
45' 0"	4' 6"	0' 6"	5' 0"	3' 6"	4' 0"		
50' 0"	5' 0"	0' 8"	5' 8"	3' 6"	4' 0"		
60' 0"	6' 0"	0' 10"	6' 10"	3' 6"	5' 0"		
70' 0"	7' 0"	1' 0"	8' 0"	4' 0"	5' 0"		
80' 0"	8' 0"	1' 0"	9' 0"	4' 0"	5' 0"		







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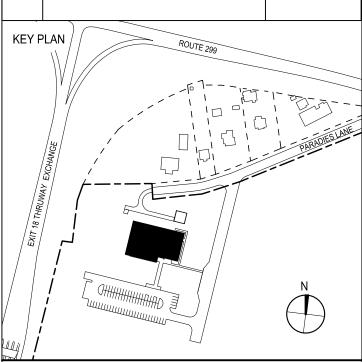
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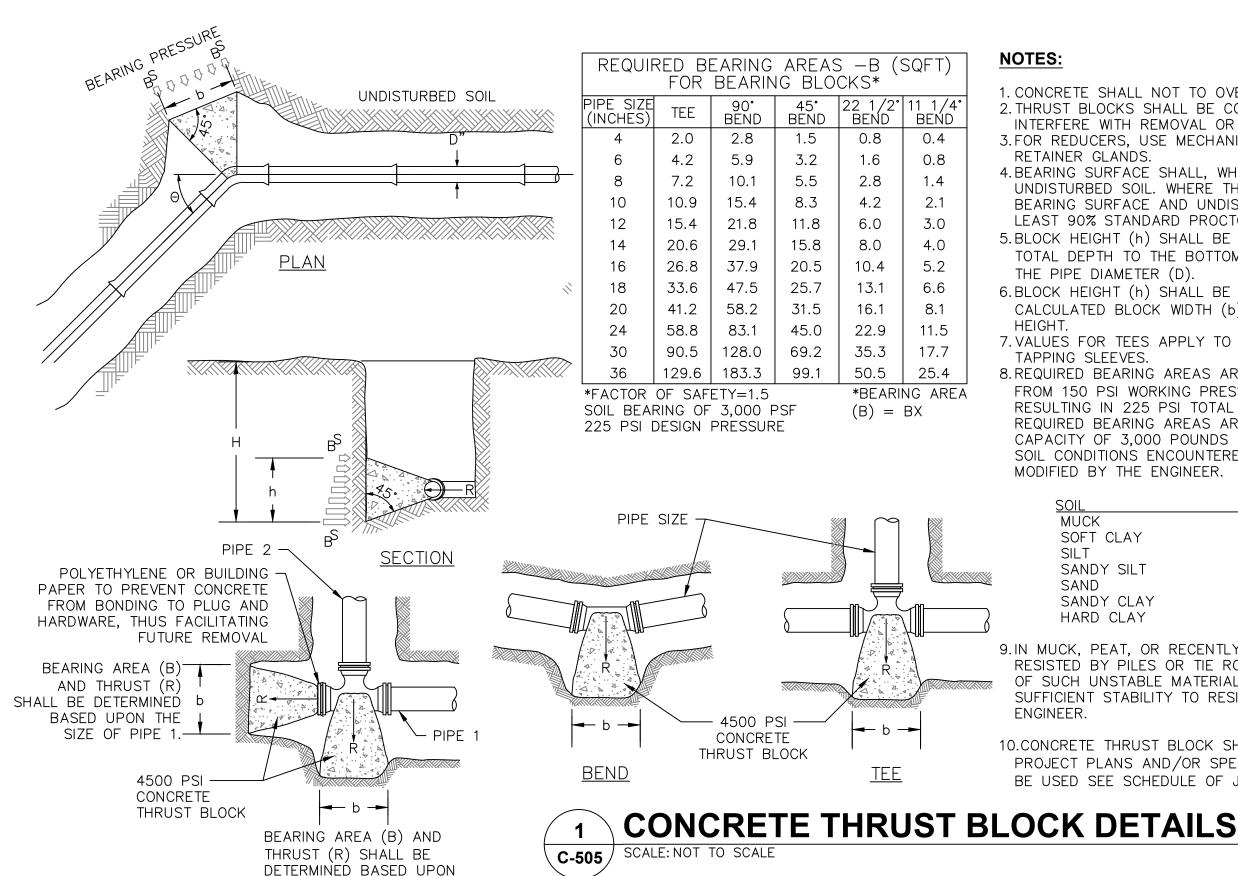
DRAWING NAME

SITE DETAILS

RIJES		C-503
SEAL OF NEW	DATE	12/20/2024
UAI PROJECT NO.	SCALE	AS NOTED
DRAWN BY E	D/AL CHECKE	D BY RT
PROJECT ARCHITECT/ENG	GINEER	ED/AL
DISCIPLINE LEAD		J. MONTAGNE
DISCIPLINE LEAD		.I MONTAGNE

RFB-UC24-148C 21 OF 227

C-503



THE SIZE OF PIPE 2.

C-505

NOTES:

1. CONCRETE SHALL NOT TO OVERLAP ANY JOINT. 2. THRUST BLOCKS SHALL BE CONFIGURED IN A MANNER THAT DOES NOT INTERFERE WITH REMOVAL OR INSTALLATION OF ANY JOINTING COMPONENTS. 3. FOR REDUCERS, USE MECHANICAL JOINT FITTINGS WITH

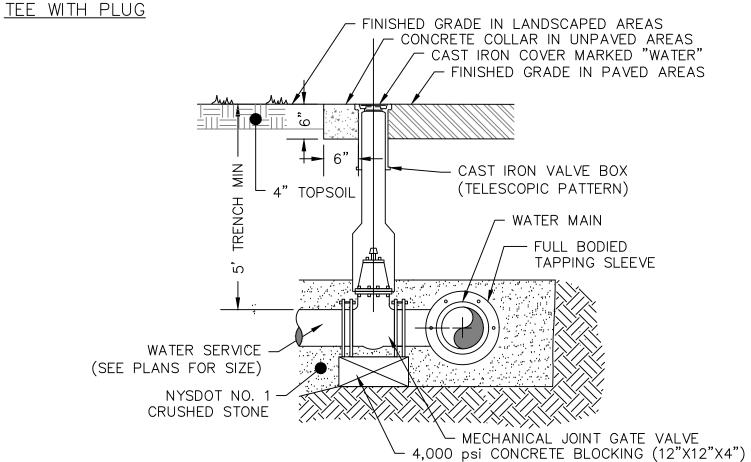
RETAINER GLANDS. 4. BEARING SURFACE SHALL, WHERE POSSIBLE, BE PLACED AGAINST

- UNDISTURBED SOIL. WHERE THAT IS NOT POSSIBLE, THE FILL BETWEEN THE BEARING SURFACE AND UNDISTURBED SOIL MUST BE COMPACTED TO AT LEAST 90% STANDARD PROCTOR DENSITY.
- 5.BLOCK HEIGHT (h) SHALL BE EQUAL TO OR LESS THAN ONE-HALF THE TOTAL DEPTH TO THE BOTTOM OF THE BLOCK, (HT), BUT NOT LESS THAN THE PIPE DIAMETER (D).
- 6.BLOCK HEIGHT (h) SHALL BE ESTABLISHED SUCH THAT THE CALCULATED BLOCK WIDTH (b) VARIES BETWEEN ONE AND TWO TIMES THE
- 7. VALUES FOR TEES APPLY TO TEES, END PLUGS, CAPS, AND
- TAPPING SLEEVES. 8. REQUIRED BEARING AREAS ARE DEVELOPED TO RESIST THRUSTS RESULTING FROM 150 PSI WORKING PRESSURE PLUS 50%(75 PSI) SURGE ALLOWANCE RESULTING IN 225 PSI TOTAL INTERNAL PRESSURE. REQUIRED BEARING AREAS ARE BASED UPON AN ALLOWABLE SOIL BEARING CAPACITY OF 3,000 POUNDS PER SQUARE FOOT. IN RESPONSE TO OTHER SOIL CONDITIONS ENCOUNTERED, BEARING AREAS REQUIRED MAY BE MODIFIED BY THE ENGINEER.

	BEARING STRENGT
SOIL	SB (LB/SQ FT)
MUCK	0
SOFT CLAY	1,000
SILT	1,500
SANDY SILT	3,000
SAND	4,000
SANDY CLAY	6,000
HARD CLAY	9,000

- 9.IN MUCK, PEAT, OR RECENTLY PLACED FILL, ALL THRUSTS SHALL BE RESISTED BY PILES OR TIE RODS TO SOLID FOUNDATIONS, OR BY REMOVAL OF SUCH UNSTABLE MATERIAL AND REPLACEMENT WITH BALLAST OF SUFFICIENT STABILITY TO RESIST THE THRUSTS; ALL AS REQUIRED BY THE ENGINEER.
- 10.CONCRETE THRUST BLOCK SHALL BE USED ONLY AS ALLOWED BY THE PROJECT PLANS AND/OR SPECIFICATION. (IF RESTRAINED JOINT PIPE IS TO BE USED SEE SCHEDULE OF JOINT RESTRAINED PIPE.)

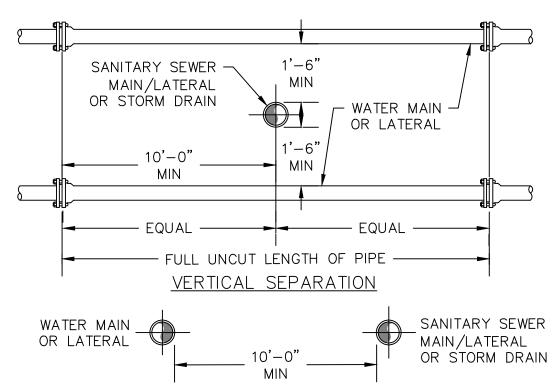
- FINISHED GRADE IN LANDSCAPED AREAS CONCRETE COLLAR IN UNPAVED AREAS ·CAST IRON COVER MARKED "WATER" - FINISHED GRADE IN PAVED AREAS



NOTES:

- 1. WET TAP OF PUBLIC WATER MAIN SHALL BE PERFORMED UNDER THE SUPERVISION OF REGULATORY AGENCY
- 2. TAPPING SLEEVE AND VALVE SUPPORT SHALL BE COORDINATED WITH REGULATORY AGENCY
- 3. MINIMUM DISTANCE TO JOINTS, FITTINGS OR OTHER WET TAPS OR STOPS SHALL BE MAINTAINED PER REGULATORY AGENCY
- 4. OPERATING DIRECTION SHALL BE COORDINATED BY THE CONTRACTOR WITH THE REGULATORY AGENCY
- 5. VALVE BOX SHALL BE CENTERED ON VALVE AND SET ON COMPACTED **BACKFILL**
- 6. VALVE SHALL NOT SUPPORT VALVE BOX 7. ALL BODY AND BONNET BOLTS SHALL BE STAINLESS STEEL

TAPPING SLEEVE AND VALVE DETAIL SCALE: NOT TO SCALE



HORIZONTAL SEPARATION

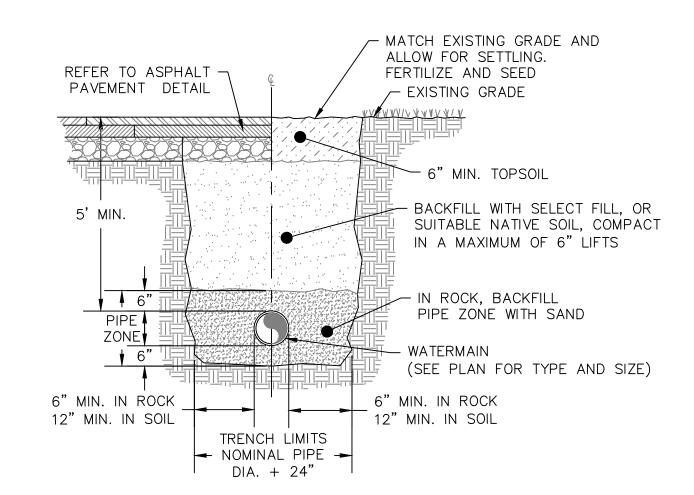
- $\overline{}$. NO DEVIATION IN THE SEPARATION REQUIREMENTS WILL BE PERMITTED WITHOUT THE EXPRESS APPROVAL OF THE NYS HEALTH DEPARTMENT. OFFSETTING OF WATERLINE SHALL BE REQUIRED WHERE SEPARATION DISTANCES CANNOT BE MAINTAINED, SEE WATER MAIN OFFSET DETAIL 4/C-505.
- 2. WHEN IT IS IMPOSSIBLE TO OBTAIN VERTICAL SEPARATION AS INDICATED ABOVE, BOTH THE WATER MAIN AND THE SEWER MAIN SHALL BE CONSTRUCTED OF MECHANICAL JOINT DUCTILE IRON PIPE OR PVC WATER WORKS GRADE PRESSURE PIPE FOR 10' EACH SIDE OF CROSSING AND SHALL BE PRESSURE TESTED TO 150psi TO ASSURE WATER TIGHTNESS.



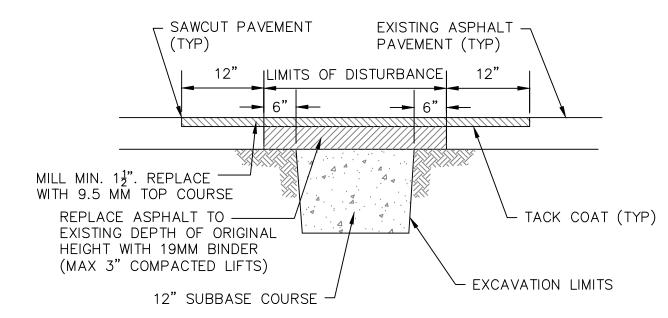
FINISHED GRADE SANITARY SEWER MAIN/LATERAL BEDDING OR STORM DRAIN PROPOSED -WATERLINE (TYP.) COMPACTED -SUBGRADE

- . WHEN THE ELEVATION OF THE SEWER CAN NOT BE VARIED TO MEET THE ABOVE REQUIREMENTS, THE WATER MAIN SHALL BE RELOCATED TO PROVIDE THIS REQUIRED SEPARATION.
- 2. WHEN IT IS IMPOSSIBLE TO OBTAIN VERTICAL SEPARATION AS INDICATED ABOVE, BOTH THE WATER MAIN AND THE SEWER MAIN SHALL BE CONSTRUCTED OF MECHANICAL JOINT DUCTILE IRON PIPE OR PVC WATER WORKS GRADE PRESSURE PIPE FOR 10' EACH SIDE OF CROSSING AND SHALL BE PRESSURE TESTED TO 150psi TO ASSURE WATER TIGHTNESS.





WATERMAIN TRENCH DETAIL SCALE: NOT TO SCALE C-505 /



NOTES:

- 1. IF EXISTING PAVEMENT THICKNESS EXCEEDS 6", INCREASE THICKNESS OF BINDER COURSE TO MATCH EXISTING TOTAL THICKNESS.
- 2. PATCHES ONE FOOT OR LESS FROM THE CURB SHALL BE EXTENDED TO THE FACE OF CURB.
- 3. ALL JOINTS TO BE SEALED WITH ASPHALT EMULSION (AS-20).





ARCHITECTS

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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE

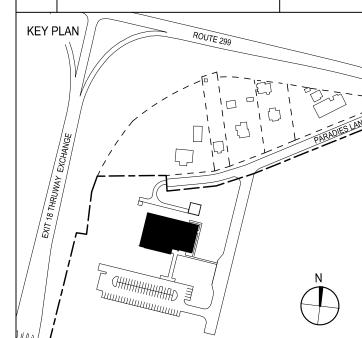
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GOVERNMENT **OPERATIONS** CENTER

10 PARADIES LANE, NEW PALTZ, NY 12561

100% CDs-BID SET

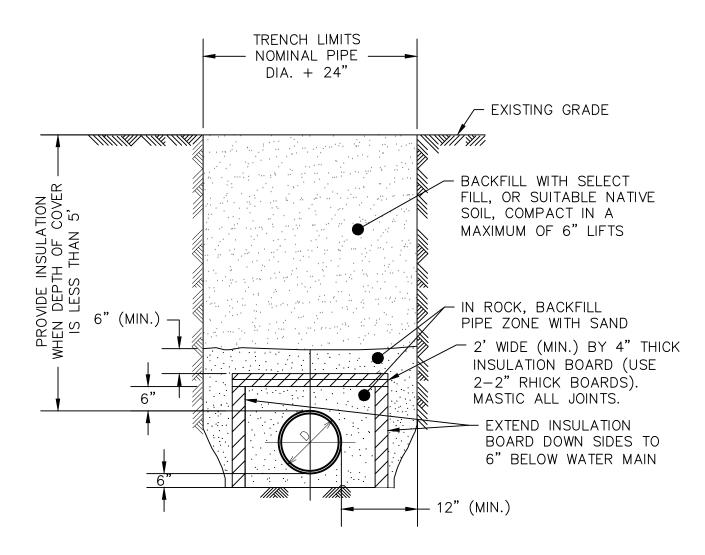
DRAWING NAME

WATER DETAILS

DISCIPLINE LEAD			J. MC	ONTAGNE	=
PROJECT ARCHITECT	T/ENGINEEF	₹		ED/AL	
DRAWN BY	ED/AL	CHECKE	D BY	RT	
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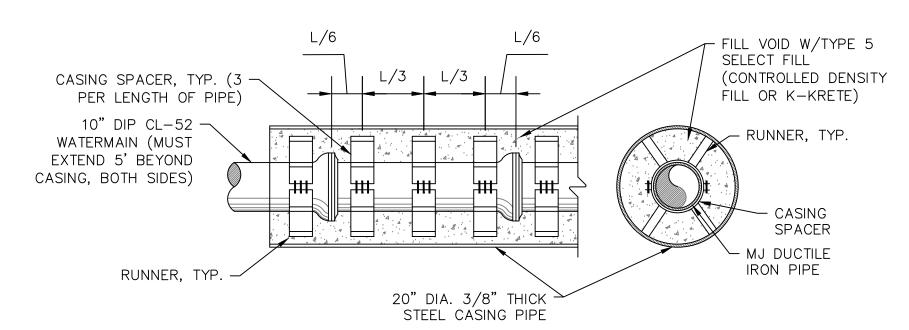
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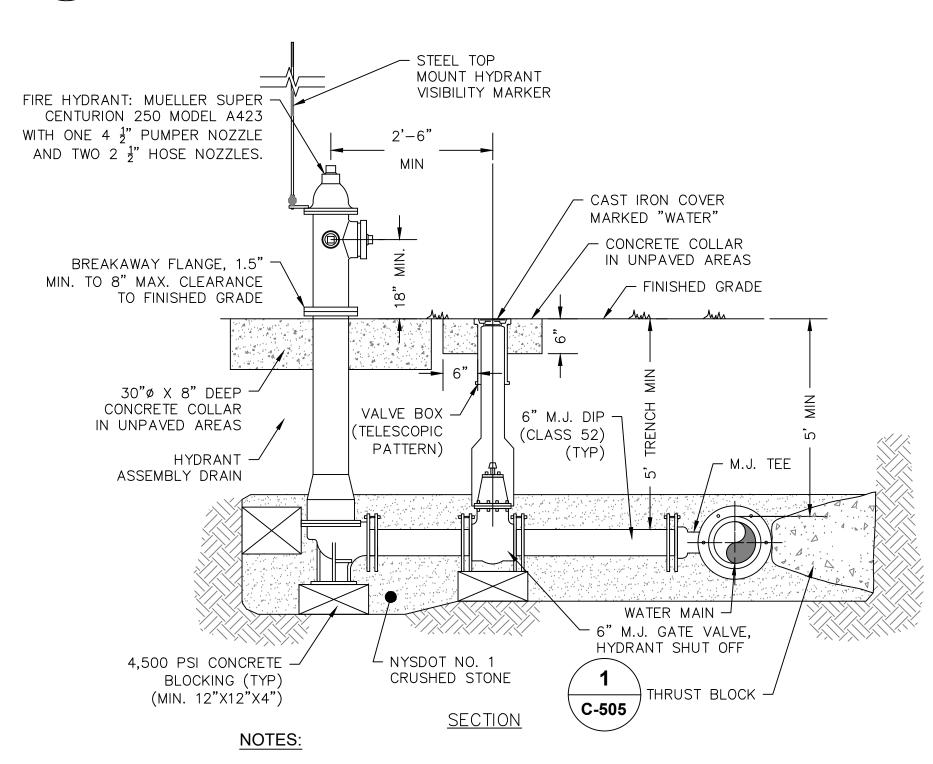
NOTES:

- 1. INSULATION BOARD TO BE CLOSED CELL, EXTRUDED POLYSTYRENE FOAM MEETING ASTM 578, TYPE VI, 40 PSI COMPRESSING STRENGTH (ASTM D1621) 0.1% MAX. WATER ABSORPTION (ASTM C272).
- 2. BACKFILL MATERIAL AROUND INSULATION MUST BE FINE SAND FREE FROM ROOTS, ORGANIC MATTER, OR OTHER INJURIOUS MATERIALS.
- 3. OVERLAP ALL INSULATION BOARD JOINTS.

WATERMAIN TRENCH INSULATION DETAIL C-506



WATERMAIN CASING PIPE DETAIL



1. GATE VALVE & HYDRANT ASSEMBLY SHALL BE IN ACCORDANCE WITH THE TOWN OF NEW PALTZ STANDARDS AND 10 STATES STANDARDS.

WATER HYDRANT DETAIL (C-506) SCALE: NOT TO SCALE

GENERAL WATER NOTES:

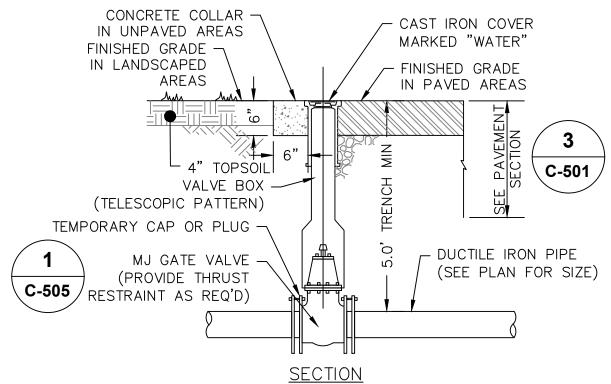
- 1. USE CONCRETE THRUST BLOCKS OR RESTRAINED JOINT PIPE AND FITTINGS FOR PROPER RESTRAINT OF WATER MAIN PIPE.
- 2. ALL WATER LINES SHALL BE CEMENT LINED DUCTILE IRON PIPE, CLASS 52, UNLESS OTHERWISE SPECIFIED BY OR APPROVED BY THE ENGINEER.
- 3. THE WATER LINE MAY BE FLEXED WITHIN PIPE SPECIFICATIONS OR LAID DEEPER IN AREAS WHERE CROSSINGS WITH THE SANITARY LINE OCCUR, TO ACHIEVE THE REQUIRED 1.5' VERTICAL SEPARATION DISTANCE. (SEE WATER MAIN OFFSET DETAIL FOR FURTHER INFORMATION).
- 4. ALL NEW WATER MAIN INSTALLATIONS SHALL BE HYDROSTATICALLY TESTED IN ACCORDANCE WITH AWWA STANDARD C 600(LATEST REVISION) AT A PRESSURE OF 150 PSI, OR 1.5 TIMES (AS REFERENCED ABOVE) THE WORKING PRESSURE OF THE SYSTEM AS A MINIMUM. ALLOWABLE LEAKAGE OF THIS TEST SHALL BE AS DEFINED IN SECTION 4.2 OF SAID AWWA SPECIFICATION.
- 5. APPROVED AND TESTED WATER MAIN SHALL BE DISINFECTED PER AWWA SECTION C 651 (AS REFERENCED ABOVE), AS DIRECTED BY ENGINEER.
- 6. THE WATER MAIN IS TO BE INSTALLED AT A CONTINUOUS GRADE WITH NO ABRUPT HIGH OR LOW POINTS.

TESTING WATER MAINS:

- 1. AFTER TRENCH HAS BEEN BACKFILLED. HYDROSTATIC ACCEPTANCE TESTS. CONSISTING OF A PRESSURE TEST AND A LEAKAGE TEST, SHALL BE PERFORMED ON ALL SECTIONS OF WATER MAINS INSTALLED. LEAKAGE TEST SHALL BE CONDUCTED CONCURRENTLY WITH PRESSURE TEST. TEST SECTION SHALL BE LIMITED TO ABOUT 2000 FT (MAX.) UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- 2. AFTER ALL TESTS AND INSPECTIONS HAVE BEEN PERFORMED EVIDENCE OF COMPLIANCE SHALL BE FORWARDED TO OWNER/ENGINEER AND THE MUNICIPALITY PRIOR TO ACCEPTANCE.
- 3. ALL WATER FOR TESTS SHALL BE FURNISHED AND DISPOSED OF BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE. SOURCE AND/OR QUALITY OF WATER WHICH THE CONTRACTOR PROPOSES TO USE IN TESTING LINES SHALL BE ACCEPTABLE TO THE ENGINEER.
- 4. HYDROSTATIC PRESUMPTIVE TESTS MAY BE PERFORMED WHEN SYSTEM IS PARTIALLY BACKFILLED TO SIMPLY CHECK WORK, BUT ACCEPTANCE OF SYSTEM SHALL BE BASED ON HYDROSTATIC TESTS RUN ON FINISHED SYSTEM AFTER IT HAS BEEN COMPLETELY BACKFILLED. ALL HYDROSTATIC TESTS SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 4 OF AWWA STANDARD C 600 OR LATER ADDITION, AS MODIFIED HEREIN.
- 5. FOR THE PRESSURE TEST, SYSTEM SHALL BE PRESSURIZED AND MAINTAINED AT A MINIMUM OF 150 POUNDS PER SQUARE INCH, OR 1.5 TIMES THE WORKING PRESSURE, WHICHEVER IS GREATER, BASED ON THE ELEVATION OF THE LOWEST POINT IN THE SECTION BEING TESTED AND CORRECTED TO THE ELEVATION OF THE GAUGE. PROVISIONS SHALL BE MADE TO RELIEVE AIR TRAPPED AT HIGH POINTS IN THE SYSTEM THROUGH ADJACENT HYDRANTS OR THROUGH TAPS AND CORPORATION STOPS INSTALLED FOR THIS PURPOSE BY THE CONTRACTOR. AFTER SAID PRESSURE HAS BEEN MAINTAINED SUCCESSFULLY, WITH FURTHER PUMPING AS REQUIRED, FOR A PERIOD OF AT LEAST TWO HOURS, THE SECTION UNDER TEST SHALL BE CONSIDERED TO HAVE PASSED THE PRESSURE TEST.
- 6. LEAKAGE TEST SHALL BE PERFORMED CONCURRENTLY USING A MINIMUM TEST PRESSURE OF 150 LBS/SQUARE INCH, OR 1.5 TIMES THE WORKING PRESSURE, WHICHEVER IS GREATER, BASED ON THE ELEVATION OF THE LOWEST POINT IN THE SECTION UNDER TEST AND CORRECTED TO ELEVATION OF THE GAUGE. LEAKAGE TEST DURATION SHALL BE A MINIMUM OF 2 HOURS AFTER LEAKAGE RATE HAS STABILIZED.
- 7. MAXIMUM ALLOWABLE LEAKAGE SHALL BE AS SHOWN IN THE FOLLOWING TABLE: ALLOWABLE LEAKAGE PER 1000 FT (305M) OF PIPELINE (GPH)

AVG. TEST	PRESSURE	NOMINA	AL PIPE DI	AMETER-IN	l.		
PSI	4	6	8	10	12	14	16
450	0.57	0.86	1.15	1.43	1.72	2.01	2.29
400	0.54	0.81	1.08	1.35	1.62	1.89	2.16
350	0.51	0.76	1.01	1.26	1.52	1.77	2.02
300	0.47	0.70	0.94	1.17	1.40	1.64	1.87
275	0.45	0.67	0.90	1.12	1.34	1.57	1.79
250	0.43	0.64	0.85	1.07	1.28	1.50	1.71
225	0.41	0.61	0.81	1.01	1.22	1.42	1.62
200	0.38	0.57	0.76	0.96	1.15	1.34	1.53
175	0.36	0.54	0.72	0.89	1.07	1.25	1.43
150	0.33	0.50	0.66	0.83	0.99	1.16	1.32
125	0.30	0.45	0.60	0.76	0.91	1.06	1.21
100	0.27	0.41	0.54	0.68	0.81	0.95	1.08

8. IF LEAKAGE IN SYSTEM EXCEEDS THE SPECIFIED AMOUNT, THE CONTRACTOR SHALL, AT NO ADDED COST TO THE OWNER, LOCATE, REPAIR, AND/OR REPLACE DEFECT(S) AND RE-TEST PIPING SYSTEM.



1. GATE VALVE & VALVE BOX SHALL BE IN ACCORDANCE WITH TOWN OF NEW PALTZ STANDARDS AND 10 STATES STANDARDS.

2. SEE DETAIL 1/C-506 FOR TRENCHING DETAILS.

DUCTILE IRON SERVICE PIPE AND VALVE SCALE: NOT TO SCALE

DISINFECTION OF POTABLE WATER SERVICE MAINS:

- 1. DISINFECTION WILL BE ACCOMPLISHED AFTER PIPE HAS PASSED ANY LEAKAGE TESTS.
- 2. THE MUNICIPALITY AND THE ENGINEER SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO THE START OF PRESSURE TESTING, LEAKAGE TESTING, AND DISINFECTION.
- 3. DISINFECTION WILL BE PERFORMED IN ACCORDANCE WITH AWWA STANDARD C 651-14 OR LATER ADDITION. (EXCLUDING SECTION 5.1 COVERING THE TABLET METHOD).
- 4. CHLORINE-WATER SOLUTION IS PREPARED BY ADDING SODIUM HYPOCHLORITE TO WATER IN ACCORDANCE WITH THE FOLLOWING TABLE (VERIFY AGAINST MUNICIPLE REQUIREMENTS): CHLORINE REQUIRED TO PRODUCE 25 MG/L CONCENTRATION IN 100 FT. OF PIPE BY DIAMETER

1 PERCENT 100 PERCENT CHLORINE SOLUTIONS CHLORINE 0.054 0.65

- WATER NOTE: 1% SOLUTIONS REQUIRE 1 POUND OF SODIUM HYPOCHLORITE IN 8 GAL OF
- 5. PRODUCT DETERIORATION MUST BE CONSIDERED IN COMPUTING THE QUANTITY OF SODIUM HYPOCHLORITE REQUIRED FOR THE DESIRED CONCENTRATION.
- 6. CHLORINE-WATER SOLUTION SHALL BE INTRODUCED INTO THE WATER MAIN WITH A GASOLINE OR ELECTRICALLY POWERED CHEMICAL FEED PUMP DESIGNED FOR FEEDING CHLORINE SOLUTIONS. FEED LINES SHALL BE OF SUCH MATERIAL AND STRENGTH TO PERMIT THEM TO WITHSTAND SAFELY THE MAXIMUM PRESSURE THAT MAY BE CREATED BY PUMP. ALL CONNECTIONS SHALL BE CHECKED FOR TIGHTNESS BEFORE HYPOCHLORITE SOLUTION IS APPLIED TO MAIN.
- 7. THE CONTRACTOR SHALL FURNISH AND INSTALL A CORPORATION STOP JUST DOWNSTREAM FROM THE NEWLY INSTALLED GATE VALVE OR AS OTHERWISE SHOWN ON DRAWINGS OR APPROVED BY THE
- 8. GENERALLY, THE FOLLOWING PROCEDURE SHALL BE USED TO DISINFECT THE NEW MAIN. THE CONTRACTOR SHALL HOWEVER, REVIEW THEIR PROPOSED PROCEDURES WITH THE ENGINEER AT LEAST 48 HOURS PRIOR TO START OF DISINFECTION. ALL DISINFECTION PROCEDURES MUST BE APPROVED BY THE ENGINEER BEFORE DISINFECTION STARTS
- A. ALL GATE VALVES AND HYDRANTS MUST BE CLOSED. THE NEW MAIN SHOULD ALREADY BE FULL OF WATER FORM THE HYDROSTATIC TESTS; IF NOT, IT SHALL BE FILLED.
- B. MIX CHLORINE-WATER SOLUTION IN 55 GALLON DRUMS; CONNECT FEED LINE TO PUMP AND NEW MAIN.
- C. OPEN GATE VALVE ON THE HYDRANT LEAD OF END HYDRANT; THEN OPEN HYDRANT FULLY. (NOTE: HYDRANT MUST ALWAYS BE EITHER FULLY OPENED OF FULLY CLOSED. THE HYDRANT FLOW MAY BE CONTROLLED BY THROTTLING THE GATE VALVE ON THE HYDRANT LEAD).
- D. START PUMPING CHLORINE-WATER SOLUTION INTO WATER MAIN; THEN OPEN UPSTREAM GATE VALVE SLOWLY UNTIL FLOW FROM HYDRANT IS PROPORTIONATE TO THE AMOUNT OF CHLORINE-WATER SOLUTION BEING PUMPED (30 PARTS WATER TO 1 PART CHLORINE-WATER SOLUTION). IF A WATER METER IS NOT AVAILABLE, DISCHARGE RATE MAY BE DETERMINED BY USING EITHER A PITOT GAUGE IN THE DISCHARGE OR BY MEASURING THE TIME TO FILL A CONTAINER OF KNOWN VOLUME (SUCH AS A 55 GAL. BARREL). THE PUMPING RATE CAN BE DETERMINED BY MEASURING THE DROP IN LIQUID LEVEL IN A GIVEN LENGTH OF TIME. (NOTE: A STANDARD 55 GALLON STEEL BARREL CONTAINS 19.75 GAL/FT OF DEPTH OR 1.64 GAL/IN OF
- E. AFTER HYDRANT FLOW AND PUMPING RATE HAVE BEEN ADJUSTED, MAINTAIN A CONSTANT FLOW SO THAT CHLORINE CONCENTRATION IN THE MAIN IS MAINTAINED AT A MINIMUM OF 25 PPM.
- F. PERIODICALLY CHECK HYDRANT DISCHARGE FOR CHLORINE CONCENTRATION BY USING A FIELD CHLORINE RESIDUAL TEST KIT. MAINTAIN HYDRANT DISCHARGE AND PUMPING RATE UNTIL THE MINIMUM CHLORINE CONCENTRATION OF 25 PPM HAS BEEN ACHIEVED THROUGHOUT THE ENTIRE
- G. AFTER THE REQUIRED CONCENTRATION HAS BEEN ACHIEVED, ALL VALVES AND HYDRANTS ON THE MAIN LINE BETWEEN THE UPSTREAM GATE VALVE AND THE DISCHARGE HYDRANT SHALL BE OPERATED IN ORDER TO DISINFECT THE INTERNAL APPURTENANCES. DO NOT OPERATE ANY GATE VALVE THAT IS LOCATED ON A CONNECTION TO AN EXISTING WATER MAIN THAT IS IN
- 9. AFTER THE CONTRACTOR HAS TAKEN A WATER SAMPLE AND VERIFIED THE MINIMUM 25 PPM CHLORINE CONCENTRATION, UNDER WITNESS BY THE ENGINEER, THE CONTRACTOR SHALL RETAIN THE CHLORINATED WATER IN THE MAIN BY THE FOLLOWING METHOD: A. FIRST, CLOSE THE UPSTREAM GATE VALVE.
 - B. SECOND, CLOSE THE DISCHARGE HYDRANT.
 - C. THIRD, SHUT OFF THE PUMP.
- 10. CHLORINATED WATER SHALL REMAIN IN THE MAIN FOR A MINIMUM OF 24 HOURS.
- 11. IF THE CHLORINE RESIDUAL IS LESS THAN 10 PPM AT THE END OF THE 24 HOURS, REPEAT SYSTEM
- 12. ANY SECTION OF PIPE, VALVES OR FITTINGS, INCLUDING TAPPING SLEEVES AND VALVES WHICH ARE INSTALLED OUTSIDE THE LIMITS OF THE SYSTEM SUBJECTED TO THE CHLORINATION PROCEDURES SPECIFIED ABOVE, SHALL BE SPRAYED OR SWABBED WITH A 1% HYPOCHLORITE SOLUTION PRIOR TO
- 13. AFTER THE CONTRACTOR HAS TAKEN A WATER SAMPLE AND VERIFIED THE MINIMUM 10 PPM CHLORINE RESIDUAL, UNDER WITNESS BY THE ENGINEER, CONTRACTOR SHALL THOROUGHLY FLUSH CHLORINATED WATER FROM THE MAIN BY THE FOLLOWING METHOD:
 - B. SECOND, OPEN THE UPSTREAM GATE VALVE.

A. FIRST, OPEN THE DISCHARGE HYDRANT.

- C. THIRD, OPEN ANY HYDRANTS ON THE MAIN LINE TO REMOVE ALL CHLORINATED WATER FROM
- 14. FLUSH THE MAIN WITH POTABLE WATER IN SUCH A MANNER THAT DOES NOT ADVERSELY AFFECT FISH, PLANT, OR ANIMAL LIFE.
- 15. THE QUANTITY AND LOCATION OF WATER SAMPLES TO BE TAKEN SHALL BE DETERMINED BY THE
- 16. WATER SAMPLES SHALL BE TAKEN BY THE CONTRACTOR IN STERILIZED BOTTLES.
- 17. ANALYZE WATER SAMPLES IN ACCORDANCE WITH STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER, 14TH EDITION, PUBLISHED BY AMERICAN WATER WORKS ASSN., 6666 WEST QUINCY
- 18. IF A BACTERIOLOGICAL TEST PROVES THE WATER QUALITY TO BE UNACCEPTABLE; REPEAT SYSTEM
- 19. IF A BACTERIOLOGICAL TEST PROVES WATER TO BE ACCEPTABLE; REMOVE FEED LINE AND CORPORATION STOP. CORPORATION STOP WILL BE REPLACED WITH A THREADED BRASS PLUG UNLESS OTHERWISE DIRECTED BY ENGINEER.
- 20. SAMPLES MUST BE BACTERIOLOGICALLY SAFE BEFORE WATER MAIN IS PLACED IN SERVICE.



URBAHN ARCHITECTS 306 WEST 37TH STREET, NEW YORK, NY 10018

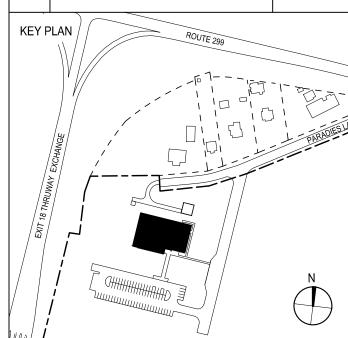
www.urbahn.com • TEL: 212.239.0220 • FAX: 212.563.5621

PARTNER ARCHITECT ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY **CERAMI ASSOCIATES** 1155 15TH STREET #606, WASHINGTON, DC 20005

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ULSTER COUNTY

GOVERNMENT **OPERATIONS** CENTER

10 PARADIES LANE, **NEW PALTZ, NY 12561**

100% CDs-BID SET

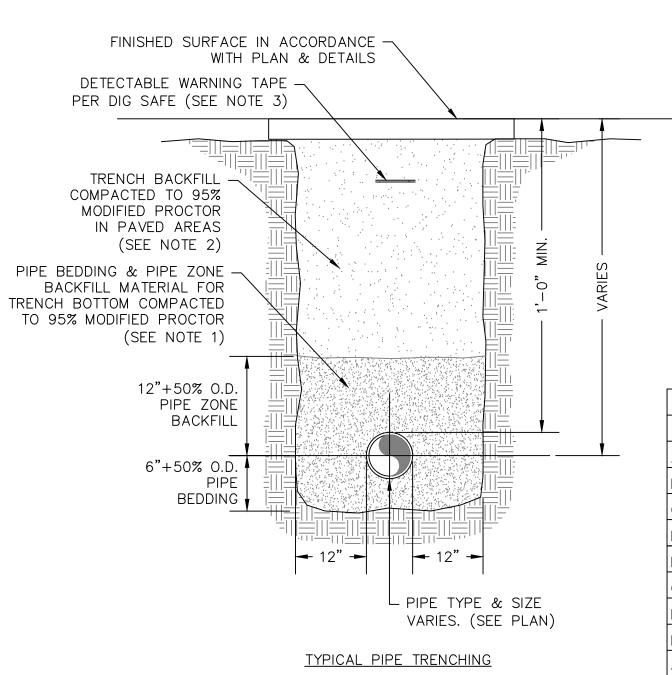
DRAWING NAME

WATER DETAILS

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INSULATION R=21 (SEE NOTE

PIPE BEDDING & PIPE ZONE-

TRENCH BOTTOM COMPACTED

TO 95% MODIFIED PROCTOR

NOTES:

SIEVE DESIGNATION

SIEVE DESIGNATION

AS APPROVED BY THE ENGINEER.

SEWER WITH LESS THAN 4' COVER.

SCALE: NOT TO SCALE

NO. 40

NO. 200

、C-510 ∕

3/4"

NO. 40

NO. 200

BACKFILL MATERIAL FOR

(SEE NOTE 1)

12"+50% O.D.

6"+50% O.D

PIPE BEDDING

1. PIPE BEDDING & PIPE ZONE BACKFILL SHALL BE A NATURAL RUN-OF-BANK (R.O.B.

PARTICLES, ORGANIC MATERIALS AND ELONGATED PARTICLES, AND SHALL BE WELL

BY THE ENGINEER AND SHALL MEET THE FOLLOWING GRADATION REQUIREMENTS:

% PASSING

100%

0-70%

0-10%

ENGINEER AND SHALL MEET THE FOLLOWING GRADATION REQUIREMENTS:

% PASSING

0-70%

0-10%

4. TRENCHING SHALL BE IMPLEMENTED IN ACCORDANCE WITH O.S.H.A. STANDARDS.

PIPE TRENCH DETAILS

EXCEPT 6" BELOW SUBGRADE UNDER PAVEMENTS & SLAB.

100%

2. TRENCH BACKFILL SHALL BE A NATURAL RUN-OF-BANK (R.O.B.) OR PROCESSED

GRAVEL, OR EXCAVATED MATERIAL FREE OF SOFT, NONDURABLE PARTICLES, ORGANIC

MATERIALS AND ELONGATED PARTICLES, AND SHALL BE WELL GRADED FROM FINE TO

IN UNPAVED AREAS TRENCH BACKFILL CAN BE MATERIALS EXCAVATED FROM THE TRENCH

3. INSTALL CONTINUOUS DETECTABLE MARKING TAPE DURING BACKFILLING OF TRENCH FOR

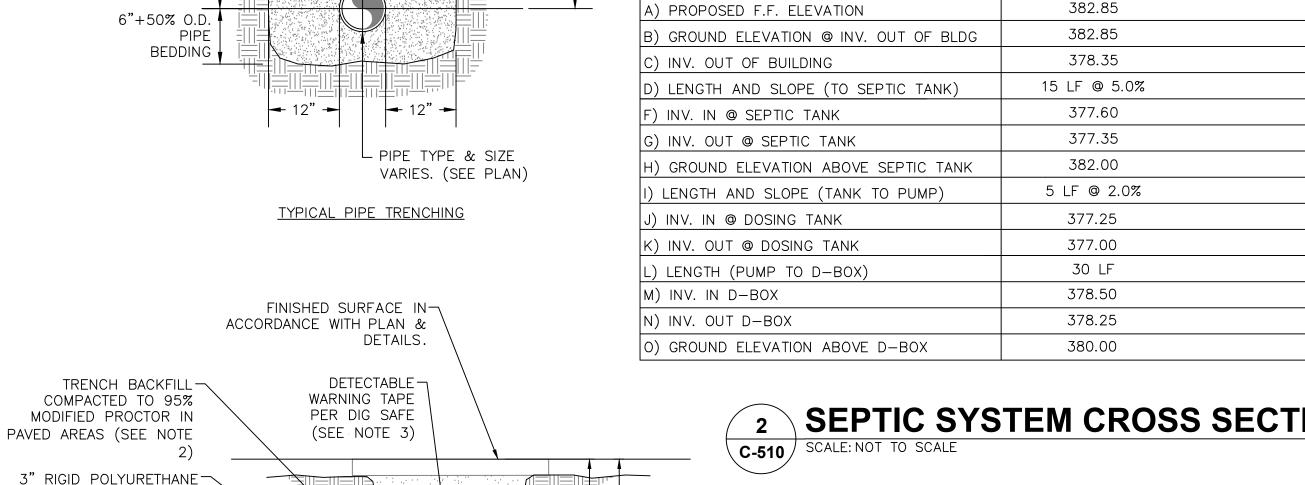
6. RIGID POLYURETHANE INSULATION SHALL BE INSTALLED IN PIPE TRENCH FOR SANITARY

COARSE PARTICLES. TRENCH BACKFILL GRADATIONS SHALL BE APPROVED BY THE

SAND OR A MIXTURE OF CRUSHED STONE AND GRAVEL, FREE OF SOFT, NONDURABLE

GRADED FROM FINE TO COARSE PARTICLES. BEDDING GRADATIONS SHALL BE APPROVED

PIPE ZONE BACKFILL



└PIPE TYPE & SIZE VARIES

SEE PLAN

SHALLOW PIPE TRENCHING

─ 4" PVC SCH. 80 - - SEPTIC TANK - - 4" PVC SDR - LATERALS 'MIN. - DISTRIBUTION FIELD (4" SDR 35 PERF. PVC LATERAL PIPES) ------PER PLUMBING PLAN -BOTTOM OF TRENCH SEPTIC SYSTEM SECTION

| BOX | HEADER

DESIGN CALCULATIONS-SYSTEM #1:

NOTE: SEE SITE PLANS FOR SYSTEM LAYOUT/LOCATION.

DESIGN FLOW = 900 GPD (BASED ON SIXTY (60) EMPLOYEES @ 15 GPD/EMPLOYEE) PERCOLATION RATE = 23 MINUTES

APPLICATION RATE = 0.6 GPD/SF (RATE DETERMINED FROM THE "NYS DESIGN STANDARDS FOR INTERMEDIATE SIZED WASTEWATER TREATMENT SYSTEM" TABLE E-1 (NYSDEC)) FOR PERCOLATION RATE OF 23 MINUTES PER INCH.

REQUIRED ABSORPTION TRENCH AREA = 900 GPD/0.6 GPD/SF = $\pm 1,500$ SF

REQUIRED LATERAL LENGTH = $1,500 \text{ SF}/2 = \pm 750 \text{ LF}$ (MIN) LATERALS PROVIDED PER DESIGN = (13) LATERALS AT 60 FT EACH = 780 LF

REQUIRED SEPTIC TANK SIZE = 1,350 GALLONS SIZE PROVIDED PER DESIGN = 1,500 GALLONS

DOSING CALCULATION: TOTAL PIPE VOLUME = 0.653 GAL/FT*780 LF = 509 GAL 75% PER DOSE = 380 GAL PER DOSE. USE 290 GAL PER DOSE TO PROVIDE BETWEEN 3 AND 5 DOSES PER DAY.

SEPTIC SYSTEM CROSS SECTION DETAIL

PROPOSED SEPTIC SYSTEM DESIGN INFORMATION

SYSTEM #1

STANDARD NOTES FOR NON-RESIDENTIAL SEWAGE

(B)

_CONTINUE AS

ITEM - DESCRIPTION

THE DESIGN, CONSTRUCTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND GENERALLY ACCEPTED STANDARDS IN EFFECT AT THE TIME OF CONSTRUCTION WHICH INCLUDE:

"NEW YORK STATE DESIGN STANDARDS FOR INTERMEDIATE SIZED WASTEWATER TREATMENT SYSTEM", NYSDEC

"APPENDIX 75-A, WASTE TREATMENT-INDIVIDUAL HOUSEHOLD SYSTEMS, NEW YORK STATE SANITARY CODE."

'RECOMMENDED STANDARDS FOR SEWAGE TREATMENT WORKS, (TEN STATES)." 'RECOMMENDED STANDARDS FOR WATER WORKS, (TEN STATES).

"NEW YORK STATE DEPARTMENT OF HEALTH AND ULSTER COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION POLICIES, PROCEDURES AND STANDARDS.

"ULSTER COUNTY AND NEW YORK STATE SANITARY CODES."

"NYSDEC SPEDES PERMIT."

THIS PLAN IS APPROVED AS MEETING THE APPROPRIATE AND APPLIED TECHNICAL STANDARDS, GUIDELINES POLICIES AND PROCEDURES FOR ARRANGEMENT OF SEWAGE DISPOSAL

UPON COMPLETION OF THE FACILITIES. THE FINISHED WORKS SHALL BE INSPECTED. TESTED. AND CERTIFIED COMPLETE TO THE NYSDEC BY THE NEW YORK STATE LICENSED PROFESSIONAL ENGINEER SUPERVISING CONSTRUCTION. NO PART OF THE FACILITIES SHALL BE PLACED INTO SERVICE UNTIL ACCEPTED BY THE NYSDEC IT SHALL BE DEMONSTRATED BY THE CONTRACTOR TO THE DESIGN PROFESSIONAL THAT THE TANK IS SEALED, WATERTIGHT AND ACCEPTABLE FOR USE. THIS SHALL REQUIRE, AT A MINIMUM, THE FILLING OF THE TANK WITH WATER TO OBSERVE IF IT IS IN FACT SEALED. WATERTIGHT AND ACCEPTABLE FOR USE, THE DESIGN PROFESSIONAL SHALL CERTIFY TO THE DC EHSD THAT THE TANK IS SEALED, WATERTIGHT, AND ACCEPTABLE FOR USE. THE TANK MUST ALSO MEET ANY LOCAL TESTING REQUIREMENTS, INCLUDING POSSIBLE ELECTRICAL AND

APPROVAL OF ANY PLAN(S) OR AMENDMENT THERETO SHALL BE VALID FOR A PERIOD OF FIVE (5) YEARS FROM THE DATE OF APPROVAL. FOLLOWING THE EXPIRATION OF SAID APPROVAL. THE PLAN(S) SHALL BE RE-SUBMITTED TO THE COMMISSIONER OF HEALTH FOR CONSIDERATION FOR RE-APPROVAL. RE-SUBMISSION OR REVISED SUBMISSION OF PLANS AND/OR ASSOCIATED DOCUMENTS SHALL BE SUBJECT TO COMPLIANCE WITH THE TECHNICAL STANDARDS, GUIDELINES, POLICIES AND PROCEDURES IN EFFECT AT THE TIME OF THE RE-SUBMISSION.

ALL ONSITE WASTEWATER TREATMENT SYSTEM EXISTING OR APPROVED WITHIN 300 FEET OF THE PROPOSED ONSITE WASTEWATER TREATMENT SYSTEM ARE SHOWN ON THIS PLAN, ALONG WITH ANY OTHER ENVIRONMENTAL HAZARDS IN THE AREA THAT MAY AFFECT THE DESIGN AND FUNCTIONAL ABILITY OF THE ONSITE WASTEWATER

ONSITE WATER TREATMENT SYSTEM. NO CELLAR, FOOTING, FLOOR, GARAGE, COOLER OR ROOF DRAINS AND NO SOFTENER BACKWASH SHALL BE

ALL BUILDINGS SHALL BE CONSTRUCTED AT AN ELEVATION HIGH ENOUGH TO ENSURE GRAVITY FLOW TO THE

DISCHARGED INTO THE ONSITE WASTEWATER TREATMENT SYSTEM. THERE SHALL BE NO VEHICULAR TRAFFIC OVER THE SEWAGE DISPOSAL SYSTEM. PRIOR TO CONSTRUCTION, THE

AREA OF THE SYSTEM SHALL BE STAKED OUT AND FENCED OFF. SEWAGE DISPOSAL SYSTEMS SHALL NOT BE INSTALLED IN WET OR FROZEN SOIL.

ALL REQUIRED EROSION & SEDIMENT CONTROL AND STORM WATER POLLUTION PREVENTION WATER QUALITY & QUANTITY CONTROL STRUCTURES, PERMANENT AND TEMPORARY, ARE SHOWN ON THE PLANS.

THE AHJ SHALL BE NOTIFIED PRIOR TO THE BACKFILLING OF ANY COMPLETED SDS SO THAT A FINAL

THE AHJ SHALL BE NOTIFIED SIXTY DAYS PRIOR TO ANY CHANGE IN USE; USE CHANGES MAY REQUIRE REAPPROVAL BY THE NYSDEC.

UNDERGROUND PIPING. LOCATE TAPE 12" BELOW FINISHED GRADE, DIRECTLY OVER PIPING, ALL PROPOSED SERVICE LINES ON THIS PLAN ARE ACCESSIBLE FOR INSTALLATION AND PLACEMENT.

NO BUILDINGS SHALL BE OCCUPIED AND THE NEW WATER SYSTEM SHALL NOT BE PLACED INTO SERVICE, UNTIL A "COMPLETED WORKS APPROVAL" IS ISSUED UNDER SECTION 5-1.22(d) OF PART 5 OF THE NEW YORK STATE SANITARY CODE (10NYCRR5)

TESTING LOW PRESSURE SEWER SYSTEM

- A. CONTRACTOR SHALL TEST SERVICES IN ACCORDANCE WITH UPC AND AWWA APPLICABLE STANDARDS. FURNISH ALL EQUIPMENT FOR TESTS, AND PERFORM TESTS IN THE PRESENCE OF AND TO THE SATISFACTION OF THE PLUMBING INSPECTOR AND ENGINEER.
- B. ALL WORK PERFORMED SHALL BE CLEAN, INCLUDING VALVES AND HANDLES THOROUGHLY AND LEFT READY FOR USE.
- 1. AFTER INSTALLING AND BACKFILLING THE PIPE, THE CONTRACTOR SHALL TEST IN CONFORMANCE TO AWWA SECTION C600, SECTION 4.
- 2. CONTRACTOR SHALL MAKE THE NECESSARY ARRANGEMENTS FOR PROCUREMENT OF WATER PRESSURE AND LEAKAGE TESTING. CONTRACTOR SHALL FURNISH THE NECESSARY LABOR, PUMPS, VALVE, PRESSURE GAUGES, WATER METERS, AND ALL OTHER EQUIPMENT REQUIRED FOR THIS PURPOSE.
- 3. EACH SECTION OF PIPE SHALL BE SLOWLY FILLED WITH WATER. ALL AIR SHALL BE EXPELLED FROM THE PIPE, BLOW-OFFS, OR ANY TAP (TAPS MUST BE REMOVED AND THE HOLES PLUGGED AFTER ACCEPTANCE) THAT MAY BE NECESSARY FOR THE RELEASE OF AIR FROM THE HIGHEST POINTS. IT SHALL THEN BE SUBJECT TO A STATIC PRESSURE TEST, AT OPERATING PRESSURE, FOR A PERIOD OF EIGHT (8) HOURS, WITH PRESSURE VARIATION NOT TO EXCEED 5 P.S.I.
- 4. ANY CRACKED OR DEFECTIVE PIPES, FITTING, VALVES, OR APPURTENANCES DISCOVERED IN CONSEQUENCE OF THE PRESSURE TEST, SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR WITH SOUND MATERIAL. AND THE TEST SHALL BE REPEATED TO THE SATISFACTION OF THE ENGINEER. PIPE NOT PASSING THE TEST SHALL BE TAKEN OUT, A NEW GASKET SUPPLIED AND RELAYED.

MATERIALS NOTES:

INSTALLED LEVEL.

- ENVELOPE MATERIAL WASHED GRAVEL OR CRUSHED STONE CONSISTING OF DURABLE MATERIAL 3/4 TO 1-1/2 INCHES IN
- 2.1. DISTRIBUTION BOX TO ABSORPTION FIELD: 4 INCH DIA. SOLID P.V.C. SDR35 PIPE WITH GASKETED JOINTS (IN ACCORDANCE WITH ASTM SPEC. 2665) LAID AT A MINIMUM SLOPE OF 1/16 INCH PER 1

2.2. ABSORPTION FIELDS: PVC PERFORATED - TIGHT JOINT FITTINGS, INSIDE DIAMETER OF 4 INCHES

DISTRIBUTION BOX 3.1. KISTNER CONCRETE OR EQUAL WITH LIQUID LEVELERS. (SIZE PER PLAN & DETAILS)

4. ACCESS EXTENSION 4.1. 2'-0" I.D. X 4" HIGH, CONCRETE WITH STANDARD LID, FORT MILLER OR EQUAL.

ENVELOPE COVER 5.1. UNTREATED BUILDING PAPER (TARPAPER, POLYETHYLENE, ETC. ARE NOT ACCEPTABLE.)

SDS NOTES

1. THERE SHALL BE NO CHANGES ON THIS PLAN IN ADVANCE OF, OR DURING CONSTRUCTION, WITHOUT PRIOR APPROVAL OF THE DESIGN ENGINEER, AND THE AHJ.

2. THERE SHALL BE NO FURTHER SUBDIVISION OF ANY PARCEL SHOWN ON THIS PLAN WITHOUT PRIOR APPROVAL. THIS MAY WARRANT THE SUBMISSION OF ENGINEERING PLANS AND DOCUMENTS.

3. DESIGN, CONSTRUCTION, MATERIAL STANDARDS AND INSPECTION REQUIREMENTS SHALL COMPLY WITH THE LATEST EDITION (S) OF: NEW YORK STATE HEALTH DEPARTMENT PUBLICATION(S). (A) RURAL WATER SUPPLY (B) NYCRR PART 75A WASTE TREATMENT" INDIVIDUAL HOUSEHOLD SYSTEMS.

4. NO EXISTING OR APPROVED PROPOSED, WATER SUPPLY AND/OR SEWERAGE FACILITIES OTHER SIGNIFICANT PHYSICAL FEATURES ARE LOCATED WITHIN 200 FEET OF THE PROJECTS LIMITS, EXCEPT AS SHOWN.

5. NO VEHICULAR PARKING OR TRAFFIC SHALL BE ALLOWED ON ANY PORTIONS OF THE SEWERAGE SYSTEM. 6. INSPECTION OF THE SEWAGE DISPOSAL SYSTEM COMPONENTS SHALL BE CONDUCTED BY THE DESIGN ENGINEER. A) PRIOR TO SITE DEVELOPMENT. B) AFTER PRELIMINARY GRADING C) AFTER PLACEMENT OF FILL MATERIAL BY CONDUCTING A PERCOLATION TEST AND OBSERVING FILL MATERIAL IN PLACE AND GRADED. D)

PRIOR TO BACKFILL OF PIPING, TANKS, WELLS, SEALS, ETC. E) AFTER FINAL GRADING. 7. LATERALS SHALL BE ORIENTED ON CONTOURS SUCH THAT THE INVERT ELEVATIONS MATCH EXISTING GRADE

ELEVATIONS AS MUCH AS POSSIBLE. 8. CONTRACTOR SHALL VERIFY GRADES SHOWN DURING PRELIMINARY CONSTRUCTION STAKEOUT.

9. PRIOR TO EXCAVATING, CALL DIG SAFELY NEW YORK AT 1-800-962-7962 10. PIPE LINES INTO THE SEPTIC TANK AND DISTRIBUTION BOX SHALL BE GROUTED ON THE INTERIOR AND EXTERIOR OF THE STRUCTURE.

TESTING GRAVITY SEWER SYSTEM:

- 1. CONTRACTOR SHALL INSPECT AND TEST THE INSTALLATIONS AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION WHEN WORK IS READY FOR TESTING. AFTER ALL TESTS HAVE BEEN PERFORMED, EVIDENCE OF COMPLIANCE SHALL BE FORWARDED TO OWNER/ENGINEER AND THE AUTHORITY HAVING JURISDICTION PRIOR TO ACCEPTANCE.
- 2. IT SHALL BE DEMONSTRATED BY THE CONTRACTOR TO THE NYSDEC FIELD INSPECTOR AND/OR DESIGN PROFESSIONAL THAT THE TANK IS SEALED, WATERTIGHT AND ACCEPTABLE FOR USE. THIS SHALL REQUIRE AT A MINIMUM, FILLING THE TANK WITH WATER TO OBSERVE IF IN FACT IT IS SEALED, WATERTIGHT AND ACCEPTABLE FOR USE. THE TANK MUST MEET ANY LOCAL TESTING REQUIREMENTS, INCLUDING POSSIBLE
- 3. THE CONTRACTOR SHALL TEST AND INSPECT FOR ALIGNMENT AND INFILTRATION AND EXFILTRATION OF ALL SANITARY SEWERS AND RELATED UTILITY STRUCTURES. INFILTRATION OR EXFILTRATION OF THE SANITARY SEWER SYSTEM SHALL NOT EXCEED 0.80 GAL/INCH OF INTERNAL PIPE DIAMETER PER 1000' OF PIPELINE PER HOUR WITH A MINIMUM HYDROSTATIC HEAD AT THE TOP OF THE PIPE OF 2 FT. OR AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION. WHEN INFILTRATION OR EXFILTRATION OCCURS IN EXCESS OF ALLOWABLE AMOUNT, DEFECTS SHALL BE LOCATED AND REPAIRED.
- 4. INFILTRATION LEAKAGE TESTS SHALL BE RUN ON EACH SINGLE MANHOLE-TO-MANHOLE SECTION. OR REACH. INDEPENDENTLY OF ALL OTHER MANHOLE—TO—MANHOLE SECTIONS. A PIPELINE SECTION UNDER TEST SHALI INCLUDE ALL PIPE AND FITTINGS BETWEEN THE TWO MANHOLES PLUS THE UPSTREAM MANHOLE.
- 5. EACH MANHOLE-TO-MANHOLE SECTION SHALL BE REJECTED OR ACCEPTED BASED ONLY ON RESULTS OF ITS OWN INDEPENDENT SECTION TEST AND NOT ON RESULTS OF ANY ONE TEST RUN SIMULTANEOUSLY OVER MORE THAN ONE CONSECUTIVE MANHOLE-TO-MANHOLE SECTION. THE ONLY EXCEPTION ALLOWED: ACCEPTING SEVERAL CONSECUTIVE MANHOLE-TO-MANHOLE SECTIONS BASED ON ONE COMBINED INFILTRATION TEST INDICATING ZERO INFILTRATION.
- INFILTRATION TESTS SHALL BE MADE BY INSTALLING A FLOW MEASURING DEVICE IN THE DOWNSTREAM MANHOLE OF SECTION BEING TESTED. TEST DURATION SHALL BE 24 HRS. OR FOR SHORTER PERIOD. PROVIDED A STEADY STATE FLOW CONDITION HAS BEEN ACHIEVED IN THE TEST PERIOD, AND RESULTS PROJECTED TO A 24 HR PERIOD.
- 7. EXFILTRATION TESTS SHALL BE RUN ON EACH SINGLE MANHOLE-TO-MANHOLE SECTION, OR REACH, INDEPENDENTLY OF ALL OTHER MANHOLE-TO-MANHOLE SECTIONS. A PIPELINE SECTION UNDER TEST SHALL INCLUDE ALL PIPE AND FITTINGS BETWEEN THE TWO MAN-HOLES PLUS THE UPSTREAM MANHOLE.
- 8. EXFILTRATION TESTS SHALL BE MADE BY MEASURING THE DROP IN WATER ELEVATION IN THE UPSTREAM MANHOLE 24 HRS AFTER INITIAL WATER LEVEL IS RECORDED. INITIAL WATER LEVEL IN UPSTREAM MANHOLE SHALL BE 2 FEET HIGHER THAN EITHER THE TOP OF PIPE OR GROUNDWATER ELEVATION AT THE DOWNSTREAM MANHOLE. ANY MANHOLE-TO-MANHOLE SECTION UNDERGOING AN EXFILTRATION TEST MUST HAVE THE NEXT ADJACENT SECTIONS. BOTH UPSTREAM AND DOWNSTREAM, DRY AND NOT UNDER TEST. THIS PROCEDURE MINIMIZES HYDROSTATIC PRESSURE PLACED ON STOPPERS, PLUGS, AND END CAPS.
- 9. LOW PRESSURE AIR TESTING MAY BE ALLOWED IN LIEU OF EXFILTRATION TESTS ONLY. WHEN SO ALLOWED, TEST SHALL BE PERFORMED UNDER DIRECTION OF ENGINEER ACCORDING TO ASTM F1417. LOW PRESSURE AIR TEST IS A COMPARISON OF THE MEASURED TIME NECESSARY FOR ONE (1) PSIG PRESSURE DROP TO OCCUR, IF AT ALL, WITH MINIMUM ALLOWABLE TIME FOR THAT PRESSURE DROP TO OCCUR DETERMINED BY METHODS INDICATED IN ASTM F1417. IF THE ONE (1) PSIG PRESSURE DROP OCCURS FASTER THAN ALLOWABLE TIME, SECTION IS UNACCEPTABLE.
- 10. AN AIR TEST SHALL NOT BE RUN UNTIL SECTION OF LINE TO BE TESTED HAS BEEN CLEANED OF ALL FOREIGN MATERIAL BY FLUSHING AND HAS BEEN VISUALLY INSPECTED AND APPROVED BY THE ENGINEER. CERTAIN PIPE MATERIALS PRODUCE MORE CONSISTENT RESULTS WHEN INTERIOR OF PIPE IS WETTED PRIOR
- 10. WHERE AIR-TESTING IS TO BE USED FOR LINE ACCEPTANCE, CORROBORATIVE HYDROSTATIC TESTING SHALL BE PERFORMED ON SEWER INSTALLATION OF THE SAME PIPE SIZE, MATERIAL, AND CONDITIONS OF INSTALLATION. SEWER SECTIONS WHICH INDICATE RATES OF AIR LOSS PER UNIT OF SURFACE AREA WHICH MOST NEARLY APPROXIMATE RATE FOR PIPELINE ACCEPTANCE SHOULD BE SELECTED FOR CORROBORATIVE TESTS. AT LEAST 3 SECTIONS ARE TO BE SO TESTED. THE PURPOSE OF THESE CORROBORATIVE TESTS IS O PERMIT A REASONABLE ASSUMPTION THAT, IF THESE 3 TEST SECTIONS MEET THE HYDROSTATIC TEST, THE BALANCE OF PROJECT ALSO MEETS OR EXCEEDS THESE REQUIREMENTS. IF AIR TEST IS NOT SUPPORTED BY ACCEPTABLE CORROBORATIVE HYDROSTATIC TESTS, COMPLETE HYDRO-STATIC TESTING OF SEWER LINES SHALL BE REQUIRED.
- 11. WHERE FLEXIBLE PIPE IS USED, CONTRACTOR SHALL TEST ALL MAINLINE PIPE FOR MAXIMUM ALLOWABLE DEFLECTION OF 5% OF OUTSIDE DIAMETER. DEFLECTION TESTS SHALL BE PERFORMED USING A CIRCULAR STEEL BALL ON SLED 1/16-INCH IN DIAMETER SMALLER THAN ALLOWABLE INSIDE DIAMETER OF FLEXIBLE PIPE WHEN DEFLECTED A MAXIMUM OF 5% OF OUTSIDE DIAMETER. DEFLECTION TESTING OF ANY PIPE SHALL BE DONE NO SOONER THAN 30 DAYS AFTER DATE OF INSTALLATION OF PIPE SECTION UNLESS WRITTEN
- SEWERS SHALL BE LAID WITH STRAIGHT ALIGNMENT BETWEEN MANHOLES. STRAIGHT ALIGNMENT SHALL BE CHECKED EITHER USING A LASER BEAM OR LAMPING. TESTING SHALL COMPLY WITH REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
- 13. MANHOLES, WHICH CANNOT BE PROPERLY AIR TESTED, SHOULD BE VISUALLY INSPECTED AND LEAKAGE-TESTED USING INTERNAL OR EXTERNAL HYDROSTATIC PRESSURE. LEAKAGE TESTING SHALL COMPLY WITH REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
- 14. IN AREAS WHERE CONVENTIONAL TESTING IS IMPRACTICAL (I.E. AREAS DESIGNATED BY ENGINEER WHERE EXISTING SERVICES ARE TIED INTO NEW LINE IMMEDIATELY AND ANY BLOCKAGE COULD RESULT IN HEALTH PROBLEMS) NO LINES SHALL BE BACKFILLED UNTIL EACH PIPE SECTION AND CONNECTION IS INSPECTED AND APPROVED
- 15. WHERE SEWERS ARE CONSTRUCTED OF PRESSURE-RATED PIPE AND INSTALLED WITH LESS THAN 18 INCHES VERTICAL SEPARATION FROM EXISTING OR PROPOSED WATER MAINS, SEWERS SHALL BE HYDROSTATICALLY TESTED AT 150 PSI TO ASSURE WATER TIGHTNESS. HYDROSTATIC ACCEPTANCE TESTS SHALL BE CONDUCTED AS SPECIFIED FOR TESTING WATER MAINS, EXCEPT THAT TESTING MAY BE PERFORMED WITH THE PIPE SECTION PARTIALLY BACK-FILLED.
- 16. IF THE ALLOWABLE RATE OF INFILTRATION, EXFILTRATION, OR AIR LEAKAGE IS EXCEEDED, THE CONTRACTOR SHALL LOCATE POINTS OF EXCESSIVE LEAKAGE AND SHALL PROMPTLY CORRECT, REPAIR, AND BRING SYSTEM UP TO THE STANDARD. COSTS OF ALL SUCH REPAIRS AND CORRECTIVE MEASURES, INCLUDING COSTS OF REPEATED TESTS, SHALL BE BORN BY CONTRACTOR, THE SEWER LINE SECTION (INCLUDING MANHOLES AND BUILDING SERVICES) UNDER TEST SHALL NOT BE ACCEPTED UNTIL THESE TEST CRITERIA ARE MET.



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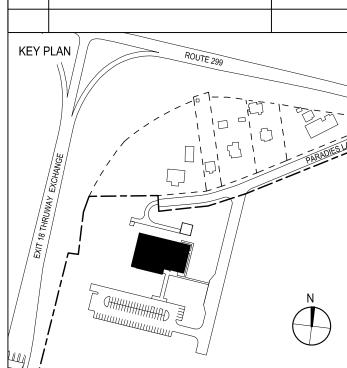
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CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY CERAMI ASSOCIATES

1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION NO. DESCRIPTION DATE 100% CD- BID SET 20 DEC 2024



PROJECT TITLE

ULSTER COUNTY

GOVERNMENT **OPERATIONS CENTER**

10 PARADIES LANE, **NEW PALTZ, NY 12561**

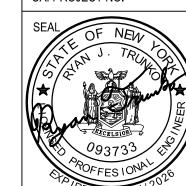
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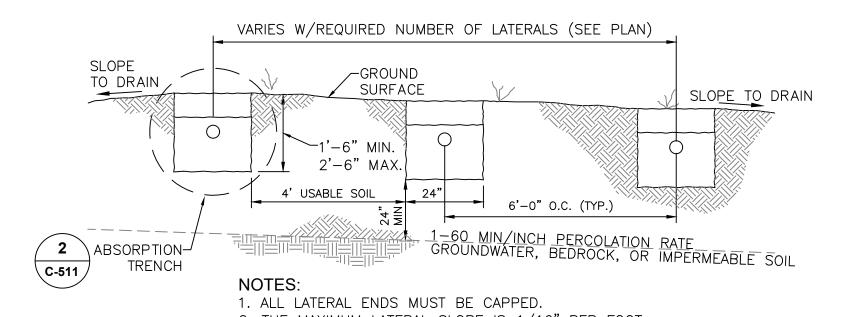
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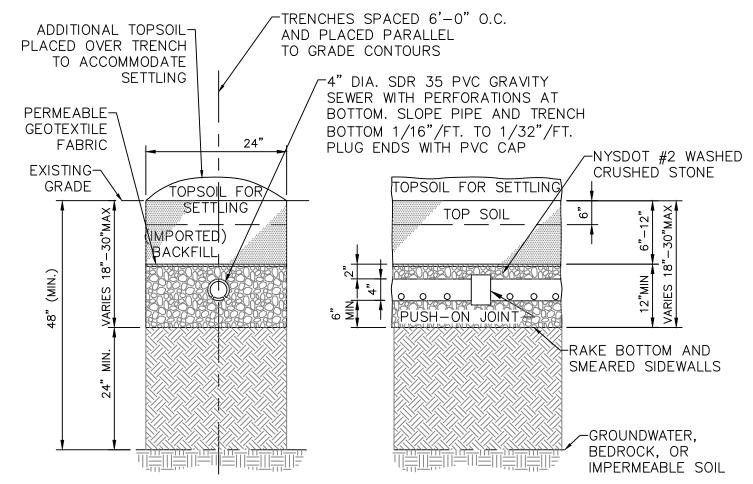
J. MONTAGNE DISCIPLINE LEAD ED/AL PROJECT ARCHITECT/ENGINEER ED/AL CHECKED BY RT DRAWN BY AS NOTED UAI PROJECT NO. SCALE DATE 12/20/2024



BID NUMBER RFB-UC24-148C



2. THE MAXIMUM LATERAL SLOPE IS 1/16" PER FOOT. **ABSORPTION TRENCH SECTION LAYOUT** C-511 SCALE: NOT TO SCALE

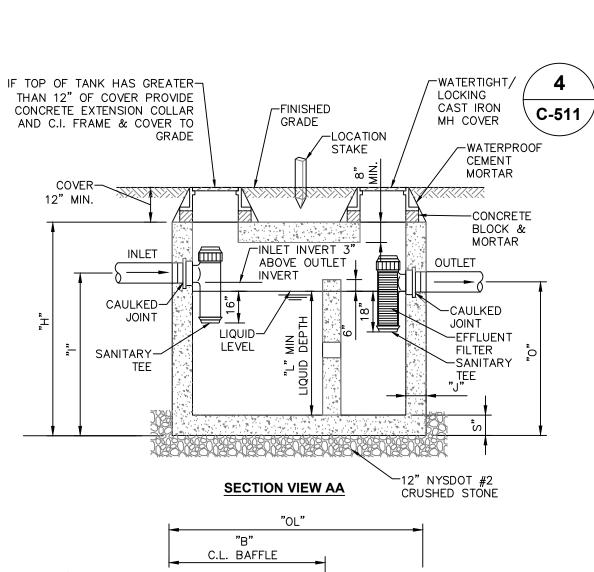


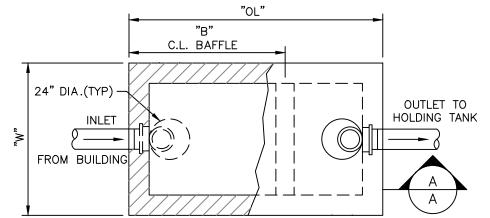
1. IMPORTED BACKFILL SHALL BE TOPSOIL OR NATURAL RUN OF BANK SAND OR GRAVEL FREE OF ORGANIC MATERIAL AND ELONGATED PARTICLE AND HAVE A MAX PARTICLE SIZE OF 3/4".

-LOCKABLE MANHOLE COVER (EJ CAMPRESSION ASSEMBLY OR APPROVED EQUIVALENT) TANK RISERS 1" JOINT SEALANT ADAPTER SLAB IF APPLICABLE

WATER TIGHT SEPTIC TANK RISER WITH LOCKABLE COVER SCALE: NOT TO SCALE

ABSORPTION TRENCH DETAIL C-511 SCALE: NOT TO SCALE



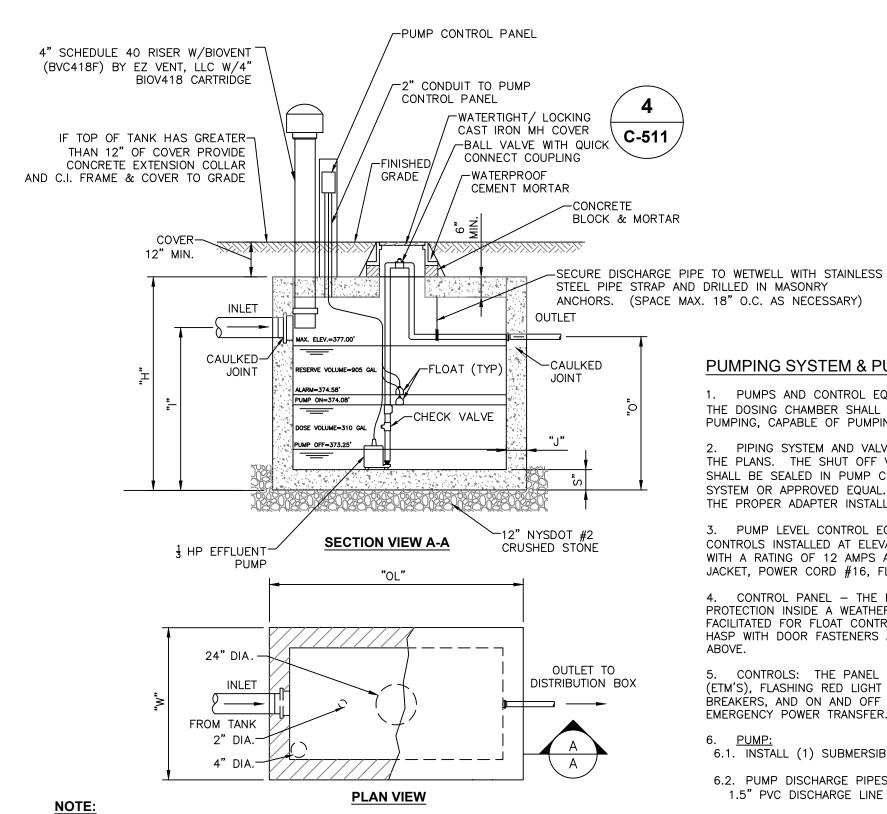


PLAN VIEW NOTE:

1. SEPTIC TANKS SHALL BE AS MANUFACTURED BY THE FORT MILLER CO. OR APPROVED EQUIVALENT. 2. DIMENSIONS SHOWN ARE PER STRUCTURES MANUFACTURED BY FORT MILLER CO.

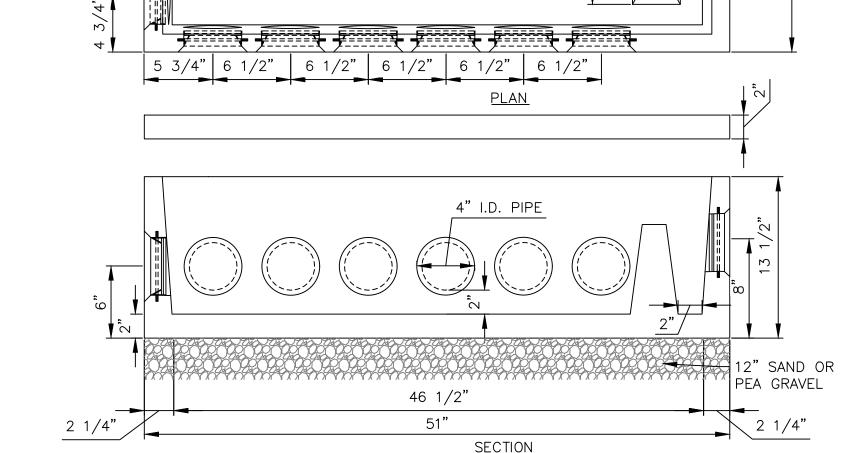
SIZE GALLONS	OVERALL HEIGHT "H"	OVERALL WIDTH "W"	OVERALL LENGTH "OL"	SLAB THICKNESS "S"	WALL THICKNESS "J"	LIQUID LEVEL "L"	INLET HEIGHT "I"	OUTLET HEIGHT "O"	BAFFLE "B"
1500	6'-3"	6'-0"	11'-0"	6"	6"	4'-1"	5'-1"	4'-10"	7'-6"





. SEPTIC TANKS SHALL BE AS MANUFACTURED BY THE FORT MILLER CO. OR APPROVED EQUIVALENT. 2. DIMENSIONS SHOWN ARE PER STRUCTURES MANUFACTURED BY FORT MILLER CO. OVERALL OVERALL | SLAB | WALL | LIQUID | INLET | OUTLET GALLONS HEIGHT "H" WIDTH "W" LENGTH THICKNESS THICKNESS LEVEL HEIGHT HEIGHT "OL" "S" "J" "L" "I" "O" 6'-0" | 11'-0" | 6" | 6" | 4'-1" | 5'-1" | 4'-10"

CONCRETE DOSING CHAMBER SCALE: NOT TO SCALE C-511



NOTES: I. BY KISTNER CONCRETE PRODUCTS INC. OR APPROVED EQUAL. 2. MINIMUM CONCRETE STRENGTH: 4500 PSI 3. TO BE INSTALLED AS PER MANUFACTURERS SPECIFICATIONS

14 OUTLET DISTRIBUTION BOX C-511 SCALE: NOT TO SCALE

PUMPING SYSTEM & PUMPING CONTROL SPECIFICATIONS

1. PUMPS AND CONTROL EQUIPMENT - SHALL BE AS MANUFACTURED BY ZOELLER PUMPS OR EQUAL AND THE DOSING CHAMBER SHALL INCLUDE A 1 HP SUBMERSIBLE PUMPS SUITABLE FOR SEWAGE EFFLUENT PUMPING, CAPABLE OF PUMPING @ 30 GPM WITH 9.7 TDH.

PIPING SYSTEM AND VALVES - PUMP DISCHARGE PIPING SHALL BE PVC AND INSTALLED AS SHOWN ON THE PLANS. THE SHUT OFF VALVES (GATE VALVES) SHALL BE INSTALLED AS SHOWN. DISCHARGE PIPES SHALL BE SEALED IN PUMP CHAMBER WALLS WITH "LINK-SEAL" WALL SLEEVE, OR OTHER APPROVED SLEEVE SYSTEM OR APPROVED EQUAL. OUTSIDE THE STATION THE PIPES SHALL BE 1.5" DIAMETER SDR-26 PVC WITH THE PROPER ADAPTER INSTALLED BETWEEN MATERIAL CHANGES.

3. PUMP LEVEL CONTROL EQUIPMENT - SHALL CONSIST OF TWO (2) MERCURY FLOAT SWITCH LEVEL CONTROLS INSTALLED AT ELEVATIONS AS SHOWN ON PLANS. THE SWITCHES SHALL BE EZCONNEX' OR EQUAL WITH A RATING OF 12 AMPS AT 115 VOLTS, POTTED IN A SOLID POLYURETHANE FLOAT WITH HEAVY NEOPRENE JACKET, POWER CORD #16, FLEXIBLE, SJO OILPROOF, 300 VOLT. SPACE CORDS APART TO AVOID TANGLING. 4. CONTROL PANEL - THE PANEL SHALL BE MOUNTED ON THE ADJACENT PANEL BOARD WITH OVERHANG

HASP WITH DOOR FASTENERS AND CONTAIN THE FOLLOWING EQUIPMENT SIZED FOR THE PUMPS SPECIFIED 5. CONTROLS: THE PANEL SHALL BE EQUIPPED WITH THE FOLLOWING CONTROLS: RUNNING TIME METER (ETM'S), FLASHING RED LIGHT ON HIGH WATER LEVEL; HAND, OFF AND AUTOMATIC SWITCHES, CIRCUIT

PROTECTION INSIDE A WEATHER TIGHT ENCLOSURE OR BUILDING AND SHALL BE A NEMA 4X ENCLOSURE

FACILITATED FOR FLOAT CONTROLS AND PUMP ON-OFF CONTROL TIMERS. THE PANEL WILL HAVE A LOCK

EMERGENCY POWER TRANSFER. 6. <u>PUMP:</u>
6.1. INSTALL (1) SUBMERSIBLE ZOELLER PUMPS, AS DESCRIBED ABOVE, WITH FITTINGS AS SHOWN ON PLANS.

6.2. PUMP DISCHARGE PIPES SHALL BE 1.5" PVC WITH 1.5" BALL CHECK VALVE, 1.5" GATE VALVE, AND A

BREAKERS, AND ON AND OFF LIGHTS. CONTROL PANEL SHALL HAVE A GENERATOR RECEPTACLE FOR

7. <u>ELECTRICAL:</u> 7.1.0N/OFF PUMP WATER LEVEL SWITCHES SHALL BE MERCURY FLOAT TYPE INSTALLED FROM A MOUNTING BRACKET AT ELEVATIONS SHOWN ON PLANS, TO ALLOW THE APPROXIMATE PUMPING CAPACITY BETWEEN PUMPING CYCLES, AS FOLLOWS: DOSING CHAMBER: 310 GALS

1.5" PVC DISCHARGE LINE TO SUBSURFACE ABSORPTION BEDS VIA DISTRIBUTION BOX.

8. HIGH LEVEL WATER GUARD ALARM (S-12 AB/1/3 NEMA1) SHALL BE INSTALLED WITH SOUND ALARM. INSTALL WATERPROOF ELECTRICAL CONDUIT TO POWER CENTER BOARD. INSTALL WATERPROOF PVC JUNCTION BOX OUTSIDE TANK. LOCATE HIGH WATER LEVEL ALARMS, LIGHTS, CIRCUIT BREAKERS AND SWITCHES ON POWER CENTER BOARD. PUMPS AND ALARMS MUST BE PROVIDED SEPARATE CIRCUITS.

9. A LICENSED PROFESSIONAL ENGINEER IS TO CERTIFY THE PUMP CHAMBER INSTALLATION AND TESTING. 10. INSTALLATION OF ALL ELECTRICAL COMPONENTS SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE.

ULSTER COUNTY G.O.C. - PUMP CALCULATIONS

1.	STATIC HEAD DISCHARGE ELEVATION (AT D-BOX) PUMP CHAMBER BOTTOM (PUMP OFF)	=378.50 = <u>373.00</u> 5.5 SH
2.	EQUIPMENT PIPE LENGTH (1-1/2 Ø PIPE) QUANTITY FITTING SELBOW (90°) 8.0 2 ELBOW (45°) 3.0 1 CHECK VALVE 13.0 1 GATE VALVE 2 COUPLING 1.0	24.0 6.0 13.0 1.1
3.	FORCE MAIN LENGTH (1-1/2 Ø PIPE)	=35 FT
4.	TOTAL EQU. PIPE LENGTH II. + III.	=80.1' TEL
5.	PUMP RATE	=30 GPM
6.	PIPE FRICTION HEAD: PER 100 FT (80.1 FT / 100 FT) x5.2	=4.2 FH
7.	TOTAL DYNAMIC HEAD TEL x FH + SH 100	=9.7 TD
8.	PIPE VELOCITIES: $V=Q/A=(30GPMx0.0022)/(\pi(0.0625^2))$	=5.4 FPS
9.	5' x 10' x 0.83' x 7.48 GAL/FT 1-1/2"ø: 35' x 0.1 GAL/FT	=3.5 GAL =507 GAL



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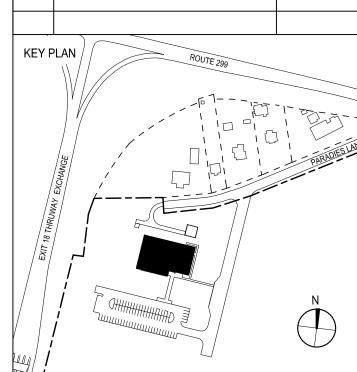
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I.T. / A.V / SECURITY

CERAMI ASSOCIATES 1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION NO. DESCRIPTION DATE 100% CD- BID SET 20 DEC 2024 KEY PLAN /



ULSTER COUNTY

PROJECT TITLE

GOVERNMENT **OPERATIONS CENTER**

10 PARADIES LANE, **NEW PALTZ, NY 12561**

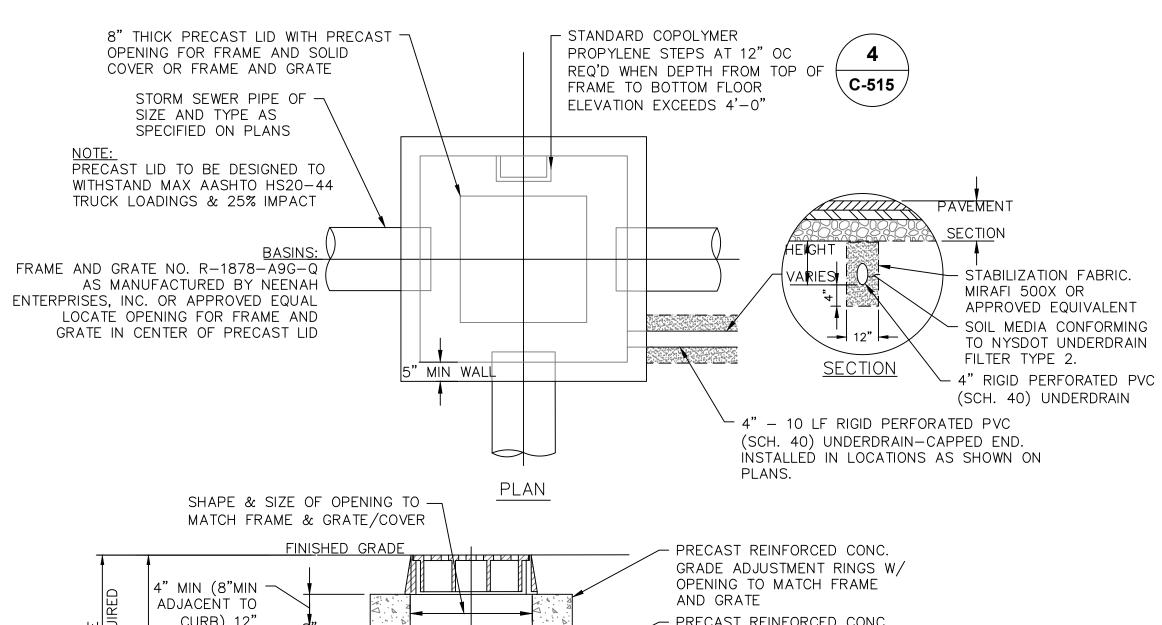
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DRAWING NAME

SANITARY DETAILS

DISCIPLINE LEAD		,	J. M	ONTAGNE
PROJECT ARCHITECT/ENG	}		ED/AL	
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SEAL OF NEW		DATE	12/2	20/2024
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PRECAST REINFORCED CONC. CURB) 12" MAX GRADE FLAT LID W/ OPENING TO ADJUSTMENT MATCH FRAME AND GRATE RINGS 4'X4' \$QUARE UNLESS OTHERWISE NOTED BUTYL ROPE GASKET - 4" — 10 LF RIGID → 2" MAX 2" MAX → PERFORATED PVC (SCH. 40) UNDERDRAIN-CAPPED END. INSTALLED IN LOCATIONS AS SHOWN ON PLANS. 4'-0" MIN PRECAST REINFORCED CONC. MANHOLE AS MANUFACTURED BY THE FORT MILLER CO. INC. OR APPROVED EQUIVALENT 5" MIN \BACKFILL STRUCTURE → C-510 W/ TRENCH BACKFILL - NON SHRINK CEMENT GROUT SEAL AROUND PIPE 6" NYSDOT NO 2 CRUSHED STONE BEDDING

6. SUMPS FOR CATCH BASINS SHALL BE 12"

W/ASTM C478.

MANHOLES DEPTH GREATER THAT 7 FEET.

9. ROUND STRUCTURES MAY BE SUBSTITUTED FOR

1. CATCH BASIN SHALL BE PRECAST CONCRETE. 5. BACKFILL USING TRENCH BACKFILL, COMPACTED DESIGNED FOR HS20-44 VEHICULAR LOADING IN 6" LIFTS. AND 25% IMPACT.

- 2. FRAME AND COVER SHALL BE DESIGNED FOR H20-44 VEHICULAR LOADING & 25% IMPACT. 7. ECCENTRIC CONE TOP CAN BE USED FOR
- 3. CONCRETE CATCH BASIN LID CLEAR OPENING DIMENSION MUST MATCH FRAME AND GRATE 8. ALL PRECAST CONSTRUCTION IN ACCORDANCE CLEAR OPENING DIMENSION.
- 4. CATCH BASINS HAVING A DEPTH GREATER THAN 48" FROM FINISHED SURFACE TO THE FLOOR OF THE CONCRETE BASE SHALL BE PROVIDED WITH STEPS.

C-515 | SCALE: NOT TO SCALE

STORM SEWER 3 MAX. STORM SEWER - 1' MIN. VARIES (SEE "TABLE A") -

	STONE APRON SIZING REQUIREMENT TABLE "A"									
END SECTION NUMBER	CULVERT DIA. (D)	TAILWATER DEPTH	d50	dMAX	RIP RAP DEPTH	La APRON LENGTH	U UPSTREAM WIDTH	W DOWN- STREAM WIDTH		
FES-1	12"	15.71"	3"	4.5"	6.75"	14'	36"	79.2"		

- FLARED END SECTION

C-515

- STONE FILLING MEETING

NYSDOT STANDARD SPECIFICATIONS

- FILTER FABRIC MIRAFI 180-N

OR APPROVED EQUIVALENT

RIP RAP

DEPTH

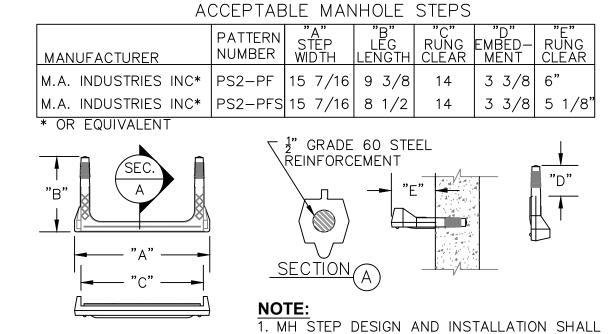
BEDDING MATERIAL MEETING

SPECIFICATION SECTION 620

NYSDOT STANDARD

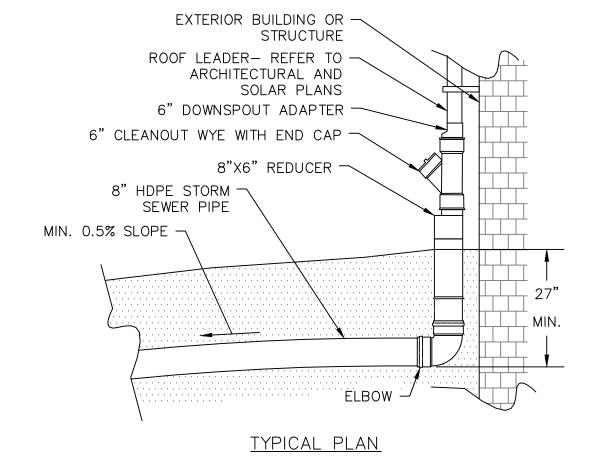
SECTION 620 (SEE TABLE A)

END SECTION STONE LINED APRON C-515 | SCALE: NOT TO SCALE



COMPLY WITH ALL OSHA REGULATIONS. 2. CAST IN PLACE OR PRESS FIT ACCEPTABLE.

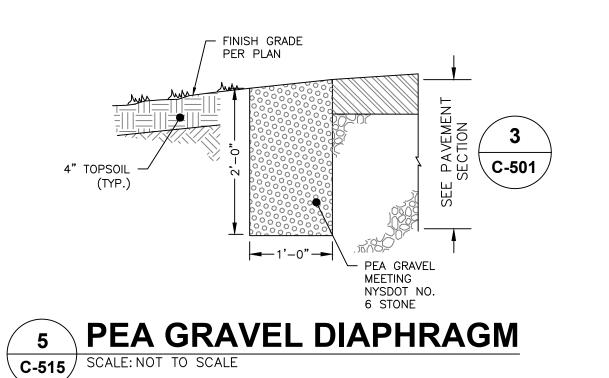
COPOLYMER POLYPROPYLENE MH STEP C-515 SCALE: NOT TO SCALE

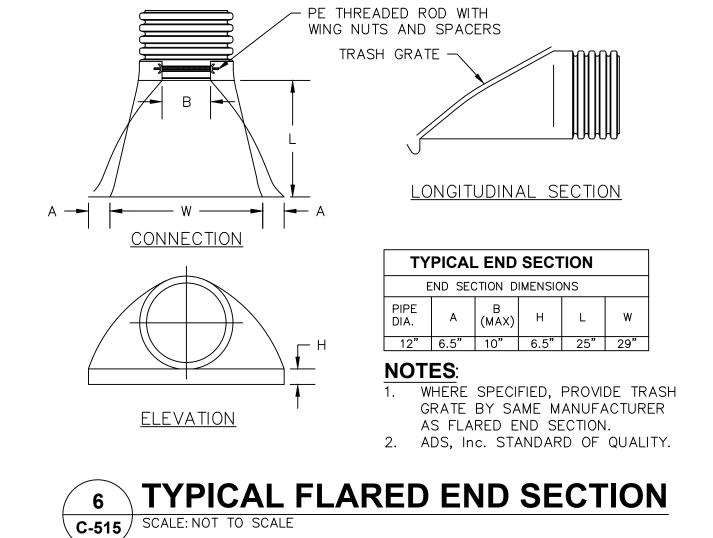


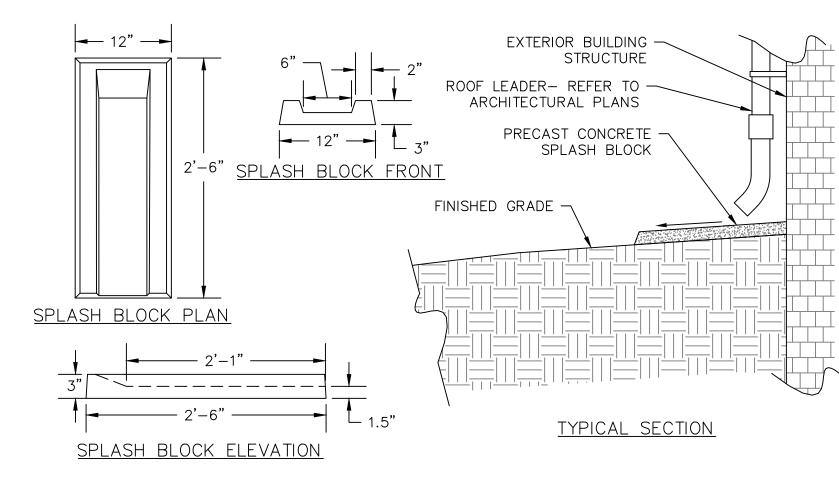
PRECAST CONCRETE

OUTLET CONTROL BASIN

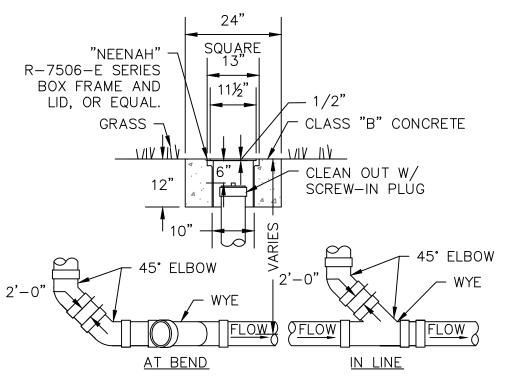








ROOF LEADER WITH CONCRETE SPLASH BLOCK C-515 SCALE: NOT TO SCALE



NOTES: 1. SEWER PIPE FITTINGS TO BE ASTM D-3033 OR D-3034 2.TO BE USED FOR THE STORM ROOF DRAINAGE SYSTEM.





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11 MAIN STREET, NEW PALTZ, NY 12561

I.T. / A.V / SECURITY **CERAMI ASSOCIATES**

1155 15TH STREET #606, WASHINGTON, DC 20005 ISSUE / REVISION NO. DESCRIPTION DATE 100% CD- BID SET 20 DEC 2024

KEY PLAN /

ULSTER COUNTY

GOVERNMENT OPERATIONS CENTER

10 PARADIES LANE, **NEW PALTZ, NY 12561**

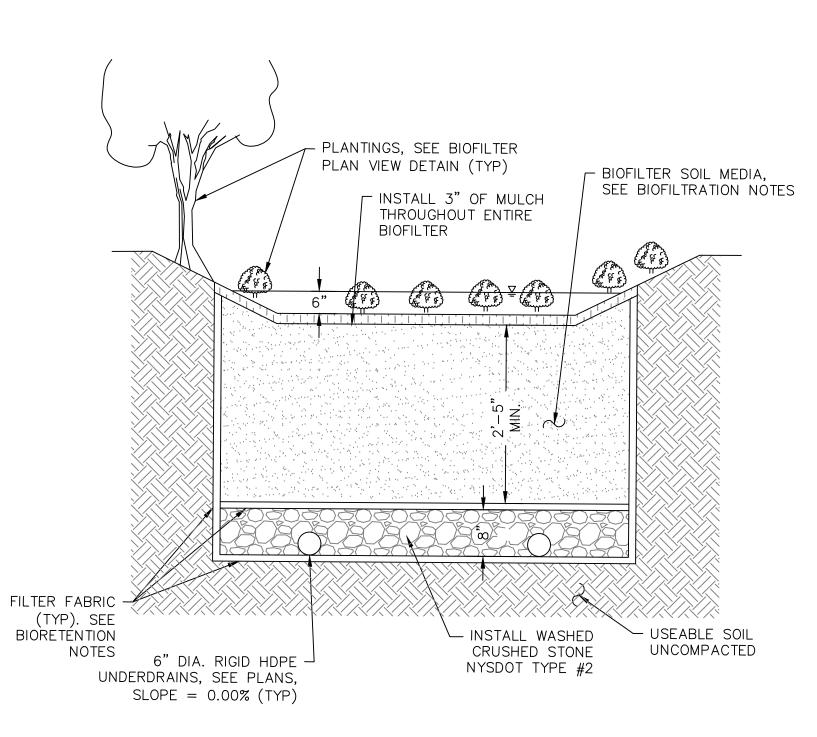
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DRAWING NAME

STORM SEWER DETAILS

J. MONTAGNE DISCIPLINE LEAD ED/AL PROJECT ARCHITECT/ENGINEER ED/AL CHECKED BY DRAWN BY AS NOTED UAI PROJECT NO. DATE 12/20/2024 C-515

RFB-UC24-148C 26 OF 227



BIOFILTER TYPICAL SECTION

BIORETENTION NOTES:

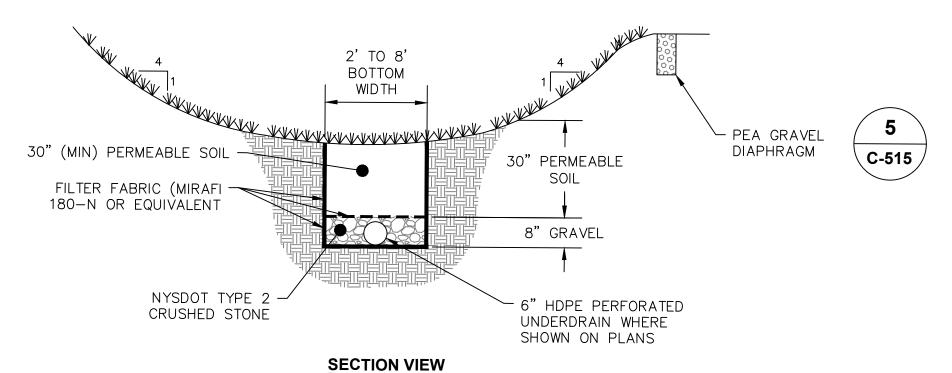
- 1. THE BIORETENTION AREAS MAY NOT RECEIVE RUN-OFF UNTIL THE ENTIRE CONTRIBUTING DRAINAGE AREA TO THE BIORETENTION AREA HAS RECEIVED FINAL STABILIZATION. PROVIDE TEMPORARY BYPASS FOR STORMWATER RUNOFF.
- 2. THE SOIL SHOULD BE FREE OF STONES, STUMPS, ROOTS, OR OTHER WOODY MATERIAL OVER 1" IN DIAMETER, BRUSH OR SEEDS FROM NOXIOUS WEEDS. PLACEMENT OF THE SOIL MEDIA SHOULD BE IN LIFTS OF 12" TO 18", LOOSELY COMPACTED BY TAMPING LIGHTLY WITH A DOZER OR BACKHOE BUCKET. SEE TABLE BELOW FOR PLANTING SOIL CHARACTERISTICS.
- 3. THE NON-WOOVEN FILTER FABRIC SHALL BE MIRAFI 180-N, AMOCO 4552, WEBTEC N70, GEOLON N70, CARTHAGE FX-80S OR APPROVED EQUIVALENT. WHEN OVERLAPS ARE REQUIRED BETWEEN ROLLS, THE UPHILL ROLL SHOULD OVERLAP A MINIMUM 2' OVER THE DOWNHILL ROLL IN ORDER TO PROVIDE A SHINGLE EFFECT.
- 4. THE MULCH LAYER SHALL BE STANDARD LANDSCAPE STYLE, SINGLE OR DOUBLE, SHREDDED HARDWOOD MULCH OR CHIPS. THE MULCH LAYER SHALL BE WELL AGED (STOCKPILED OR STORED FOR AT LEAST 12 MONTHS), UNIFORM IN COLOR, AND FREE OF OTHER MATERIALS, SUCH AS WEED SEEDS, ROOTS, ETC. THE MULCH SHALL BE APPLIED TO A MAXIMUM DEPTH OF THREE INCHES. GRASS CLIPPINGS SHALL NOT BE USED AS A MULCH MATERIAL.
- 5. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR SOIL MEDIA SHOWING THE USDA SOIL CLASSIFICATION AND GRADATION. FILTER FABRIC, MULCH AND DRAINAGE STONE.
- 6. A PERCOLATION TEST WITNESSED BY THE ENGINEER SHALL BE COMPLETED UPON FINAL CONSTRUCTION OF THE BIORETENTION PRACTICE TO CONFIRM PERFORMANCE.

BIORETENTION SOIL MEDIA CHARACTERISTICS					
PARAMETER	VALUE				
PH RANGE	5.5 TO 7.5				
ORGANIC MATTER	3% TO 5%				
SOIL FINES	8% TO 12%				
SAND	85% TO 88%				
PHOSPHORUS (P ₂ O ₅)	10 TO 30 PPM				
CATIONIC EXCHANGE CAPACITY (CEC)	>10 meg/100 g				

TABLE 5.3 SOIL RESTORATION REQUIREMENTS							
TYPE OF SOIL DISTURBANCE	SOIL RESTORATION REQUIREMENT		COMMENTS/EXAMPLES				
NO SOIL DISTURBANCE	RESTORATI	ON NOT PERMITTED	PRESERVATION OF NATURAL FEATURES				
MINIMAL SOIL DISTURBANCE	RESTORATI	ION NOT REQUIRED	CLEARING AND GRUBBING				
AREAS WHERE TOPSOIL IS	HSG A&B	HSG C&D	PROTECT AREA FROM ONGOING				
STRIPPED ONLY (NO CHANGE IN GRADE)	APPLY 6" OF TOPSOIL	AERATE* AND APPLY 6" OF TOPSOIL	CONSTRUCTION ACTIVITIES				
	HSG A&B HSG C&D						
AREAS OF CUT OR FILL	AERATE* AND APPLY 6" OF TOPSOIL	APPLY FULL SOIL RESTORATION**					
HEAVY TRAFFIC AREAS ON SITE (ESPECIALLY WITHIN 5-25 FEET AROUND BUILDINGS BUT NOT WITHIN 5 FEET OF PERIMETER FOUNDATION WALLS)		SOIL RESTORATION** CTION AND COMPOST IT)					
AREAS WHERE RUNOFF REDUCTION AND/OR INFILTRATION PRACTICES ARE APPLIED	RESTORATION NOT REQUIRED, BUT MAY BE APPLIED TO ENHANCE THE REDUCTION SPECIFIED FOR APPROPRIATE PRACTICES		KEEP CONSTRUCTION EQUIPMENT FROM CROSSING THESE AREAS. TO PROTECT NEWLY INSTALLED PRACTICE FROM ONGOING CONSTRUCTION, CONSTRUCT A SINGLE PHASE OPERATION FENCE AREA.				
REDEVELOPMENT PROJECTS	SOIL RESTORATION IS REQUIRED ON REDEVELOPMENT PROJECTS IN AREAS WHERE EXISTING IMPERVIOUS AREA WILL BE CONVERTED TO PERVIOUS AREA						

* AERATION INCLUDES THE USE OF MACHINES SUCH AS TRACTOR-DRAWN IMPLEMENTS WITH COULTERS MAKING A NARROW SILT IN THE SOIL, A ROLLER WITH MANY SKIPES MAKING INDENTATIONS IN THE SOIL, OR PRONGS WHICH FUNCTION LIKE A MINI-SUBSOILER

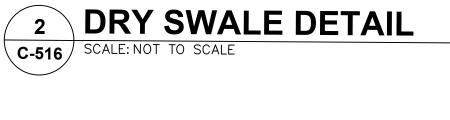
** PER "DEEP RIPPING AND DE-COMPACTION, DEC 2008"

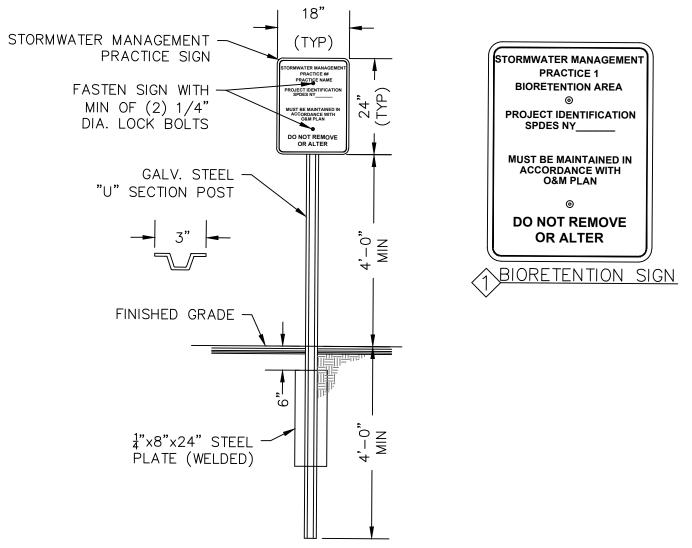


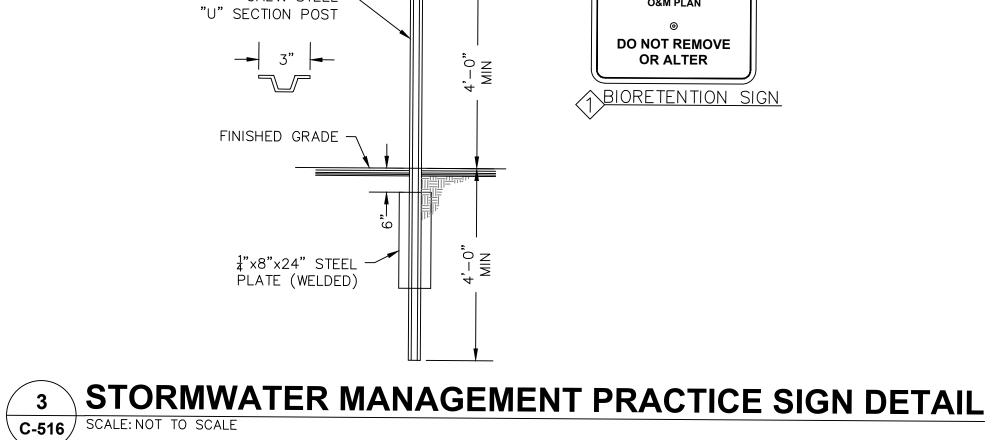
SWALE NOTES:

C-516 | SCALE: 1"=10'

- 1. THE NON-WOOVEN FILTER FABRIC SHALL BE MIRAFI 180-N, AMOCO 4552, WEBTEC N70, GEOLON N70, CARTHAGE FX-80S OR APPROVED EQUIVALENT. WHEN OVERLAPS ARE REQUIRED BETWEEN ROLLS, THE UPHILL ROLL SHOULD OVERLAP A MINIMUM 2' OVER THE DOWNHILL ROLL IN ORDER TO PROVIDE A SHINGLE EFFECT.
- 2. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR CRUSHED STONE AND FILTER FABRIC.



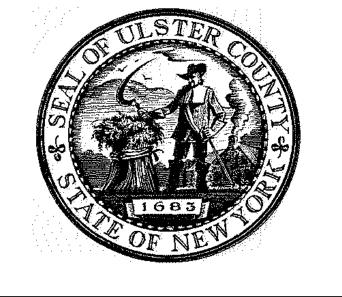




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BIORETENTION PLANTING SCHEDULE								
<u>KEY</u>	BOTANICAL NAME	COMMON NAME	TOTAL QUANTITY	<u>SIZE</u>	<u>R00T</u>			
+	CORNUS STOLONIFERA	RED-OSIER DOGWOOD	12	2 GAL	CONTAINER			
	ILEX VERTICILLATA	WINTER BERRY	30	2 GAL	CONTAINER			
+	SAMBUCUS CANADENSIS	ELDERBERRY	21	#2 CONT	CONTAINER			
0	SYMPHYOTRICHUM NOVAE-ANGLIAE	NEW ENGLAND ASTER	130	3" POT	CONTAINER			
	HIBISCUS MOSCHEUTOS	MARSH HIBISCUS	108	1 GAL	CONTAINER			





URBAHN ARCHITECTS

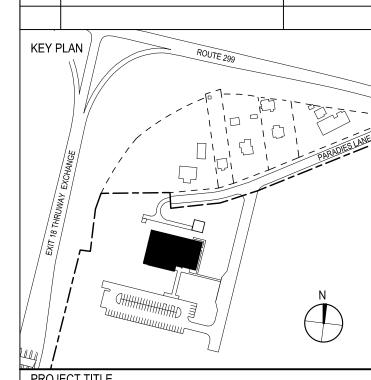
306 WEST 37TH STREET, NEW YORK, NY 10018 www.urbahn.com • TEL: 212.239.0220 • FAX: 212.563.5621

PARTNER ARCHITECT ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

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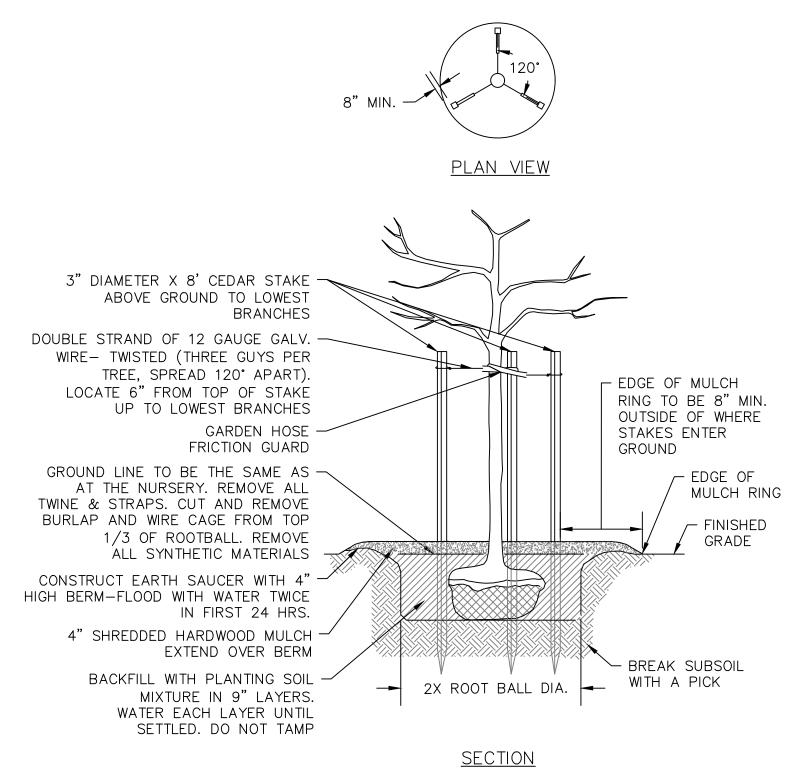
STORM MANAGEMENT DETAILS

DISCIPLINE LEAD			J. MC	NTAGNE
PROJECT ARCHITECT/ENG			ED/AL	
DRAWN BY ED)/AL	CHECKE	D BY	RT
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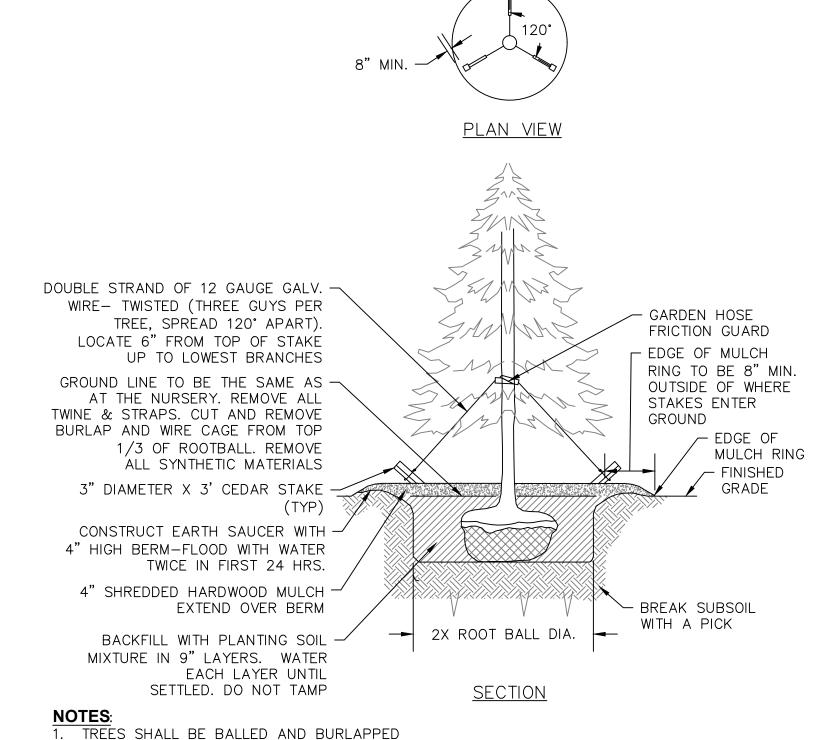
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C-516



TREES SHALL BE BALLED AND BURLAPPED 2. STAKES SHALL BE REMOVED AT THE END OF THE FIRST GROWING SEASON AFTER PLANTING

PLANTING AND GUYING FOR **DECIDUOUS TREES <3" CALIPER** SCALE: NOT TO SCALE C-520



2. STAKES SHALL BE REMOVED AT THE END OF THE FIRST GROWING SEASON AFTER PLANTING PLANTING AND GUYING FOR

CONIFERUS TREES <3" CALIPER SCALE: NOT TO SCALE C-520

GENERAL LANDSCAPING NOTES:

- 1. THE LANDSCAPE CONTRACTOR SHALL CAREFULLY COORDINATE CONSTRUCTION ACTIVITIES WITH THAT OF THE EARTHWORK CONTRACTOR AND OTHER SITE DEVELOPMENT.
- 2. THE CONTRACTOR SHALL VERIFY DRAWING DIMENSIONS WITH ACTUAL FIELD CONDITIONS AND INSPECT RELATED WORK AND ADJACENT SURFACES. THE CONTRACTOR SHALL VERIFY THE ACCURACY OF ALL FINISH GRADES WITHIN THE WORK AREA AND REPORT TO THE LANDSCAPE ARCHITECT/ENGINEER AND OWNER ALL CONDITIONS WHICH PREVENT PROPER EXECUTION OF THIS WORK.
- 3. THE EXACT LOCATION OF ALL EXISTING UTILITIES, STRUCTURES AND UNDERGROUND UTILITIES, WHICH MAY NOT BE INDICATED ON THE DRAWINGS, SHALL BE DETERMINED BY THE CONTRACTOR. THE CONTRACTOR SHALL PROTECT EXISTING STRUCTURES AND UTILITY SERVICES AND IS RESPONSIBLE FOR THEIR REPLACEMENT IF DAMAGED.
- 4. THE CONTRACTOR SHALL KEEP THE PREMISES FREE FROM RUBBISH AND ALL DEBRIS AT ALL TIMES AND SHALL ARRANGE MATERIAL STORAGE SO AS NOT TO INTERFERE WITH THE OPERATION OF THE PROJECT. ALL UNUSED MATERIALS, RUBBISH AND DEBRIS SHALL BE REMOVED FROM THE SITE.
- 5. NO TREES OR SHRUBS SHALL BE PLANTED ON EXISTING OR PROPOSED UTILITY LINES.
- QUALITY ASSURANCE:
- A. NOMENCLATURE: PLANT NAMES SHALL CONFORM TO THE LATEST EDITION OF "STANDARDIZED PLANT NAMES" AS ADOPTED BY THE AMERICAN JOINT COMMITTEE ON HORTICULTURAL NOMENCLATURE.
- B. SIZE AND GRADING: PLANT SIZES AND GRADING SHALL CONFORM TO THE LATEST EDITION OF "AMERICAN STANDARD FOR NURSERY STOCK" AS SPONSORED BY THE AMERICAN ASSOCIATION OF NURSERYMEN. INC (AAN). UNLESS OTHERWISE SPECIFIED.
- C. NURSERY SOURCE: OBTAIN FRESHLY DUG, HEALTHY, VIGOROUS PLANTS NURSERY GROWN UNDER CLIMACTIC CONDITIONS SIMILAR TO THOSE IN THE LOCALITY OF THE PROJECT FOR A MINIMUM OF 2 YEARS. PLANTS SHALL HAVE BEEN LINED OUT IN ROWS, ANNUALLY CULTIVATED, SPRAYED, PRUNED AND FERTILIZED IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICE. ALL PLANTS SHALL HAVE BEEN TRANSPLANTED OR ROOT PRUNED AT LEAST ONCE IN THE PAST 3 YEARS. BALLED AND BURLAPPED PLANTS MUST COME FROM SOIL WHICH WILL HOLD A FIRM ROOT BALL. HEELED IN PLANTS AND PLANTS FROM COLD STORAGE ARE NOT ACCEPTABLE.
- D. SUBSTITUTIONS: DO NOT MAKE SUBSTITUTIONS OF TREES AND/OR SHRUB MATERIALS. IF REQUIRED LANDSCAPE MATERIAL IS NOT OBTAINABLE, SUBMIT PROOF OF NON-AVAILABILITY AND PROPOSAL FOR USE OF EQUIVALENT MATERIAL. WHEN AUTHORIZED, ADJUSTMENTS OF CONTRACT AMOUNT (IF ANY) WILL BE MADE BY CHANGE ORDER.
- 7. SEEDING & PLANTING SEASONS AND TIMING CONDITIONS:
 - A. UNLESS OTHERWISE DIRECTED IN WRITING, SEED LAWNS FROM MARCH 15 TO JUNE 15, AND FROM AUGUST 15 TO OCTOBER 15.
- B. UNLESS OTHERWISE DIRECTED IN WRITING, PLANT TREES AND SHRUBS FROM MARCH 15 TO JUNE 1, AND FROM AUGUST 15 TO OCTOBER 30.
- C. AREAS UNDERGOING CLEARING OR GRADING AND ANY AREAS DISTURBED BY CONSTRUCTION ACTIVITIES WHERE LAWNS OR PLANTINGS ARE TO BE ESTABLISHED AND WORK IS COMPLETE, SHALL BE RESTORED WITH PERMANENT VEGETATIVE COVER AS SOON AS SITE AREAS ARE AVAILABLE AND WITHIN 14 DAYS AFTER WORK IS COMPLETE; WORK SHALL BE WITHIN THE SEASONAL LIMITATIONS FOR EACH KIND OF LANDSCAPE WORK REQUIRED. PROVIDE STABILIZATION WITH TEMPORARY VEGETATIVE COVER (TOPSOIL AND TEMPORARY COVER SEED MIX) WITHIN 14 DAYS AFTER WORK IS COMPLETE, FOR SEEDING OUTSIDE PERMITTED SEEDING PERIODS.

SITE PREPARATION:

1. EXISTING EXCESS TOPSOIL SHALL BE REMOVED AND STORED IN TOPSOIL STOCKPILES SUFFICIENTLY REMOVED FROM OTHER EXCAVATION OR DISTURBANCE TO AVOID MIXING. SEDIMENT BARRIER SHALL BE INSTALLED AROUND TOPSOIL STOCKPILE AREAS.

TOPSOIL:

- 1. NEWLY GRADED SUBGRADES: LOOSEN SUBGRADE TO A MINIMUM DEPTH OF 6 INCHES (SCARIFY AT APPROXIMATELY RIGHT ANGLES TO THE SLOPE DIRECTION IN SOIL AREAS THAT ARE STEEPER THAN 5%). REMOVE STONES LARGER THAN 1 INCH IN ANY DIMENSION AND STICKS, ROOTS, RUBBISH, AND OTHER EXTRANEOUS MATTER AND LEGALLY DISPOSE OF THEM OFF OWNER'S PROPERTY.
- 2. SPREAD APPROXIMATELY 1/2 THE THICKNESS OF PLANTING SOIL OVER LOOSENED SUBGRADE. MIX THOROUGHLY INTO TOP 4 INCHES OF SUBGRADE. SPREAD REMAINDER OF PLANTING SOIL.
- 3. UNCHANGED SUBGRADES: IF TURF IS TO BE PLANTED IN AREAS UNALTERED OR UNDISTURBED BY EXCAVATING, GRADING, OR SURFACE-SOIL STRIPPING OPERATIONS. PREPARE SURFACE SOILS AS FOLLOWS:
- 3.1. REMOVE EXISTING GRASS, VEGETATION , AND TURF. DO NOT MIX INTO SURFACE SOIL.
- 3.1. LOOSEN SURFACE SOIL TO A DEPTH OF AT LEAST 6 INCHES (SCARIFY AT APPROXIMATELY RIGHT ANGLES TO THE SLOPE DIRECTION IN SOIL AREAS THAT ARE STEEPER THAN 5%).
- 3.2. APPLY SOIL AMENDMENTS AND FERTILIZERS ACCORDING TO PLANTING SOIL MIX PROPORTIONS AND MIX THOROUGHLY INTO TOP 4 INCHES OF SOIL. TILL SOIL TO A HOMOGENEOUS MIXTURE OF FINE TEXTURE.
- 3.2.1. APPLY FERTILIZER DIRECTLY TO SURFACE SOIL BEFORE LOOSENING.
- 3.3. REMOVE STONES LARGER THAN 1 INCH IN ANY DIMENSION AND STICKS, ROOTS, TRASH, AND OTHER EXTRANEOUS MATTER.
- 3.4. LEGALLY DISPOSE OF WASTE MATERIAL, INCLUDING GRASS, VEGETATION, AND TURF, OFF OWNER'S
- 4. FINISH GRADING: GRADE PLANTING AREAS TO A SMOOTH, UNIFORM SURFACE PLANT WITH LOOSE, UNIFORMLY FINE TEXTURE. GRADE TO WITHIN PLUS OR MINUS 1/2 INCH OF FINISH ELEVATION. ROLL AND RAKE. REMOVE RIDGES, AND FILL DEPRESSIONS TO MEET FINISH GRADES. LIMIT FINISH GRADING TO AREAS THAT CAN BE PLANTED IN THE IMMEDIATE FUTURE.
- 5. MOISTEN PREPARED AREA BEFORE PLANTING IF SOIL IS DRY. WATER THOROUGHLY TO A DEPTH OF 4 INCHES 48 HOURS BEFORE SODDING AND ALLOW SURFACE TO DRY BEFORE PLANTING. DO NOT CREATE MUDDY SOIL.
- 6. BEFORE PLANTING, OBTAIN OWNER'S REPRESENTATIVE'S ACCEPTANCE OF FINISH GRADING; RESTORE PLANTING AREAS IF ERODED OR OTHERWISE DISTURBED AFTER FINISH GRADING.

SEEDING:

- 1. LIME TO ACHIEVE pH OF 6.5.
- 2. FERTILIZER: SEE "EXECUTION OF LANDSCAPE WORK" NOTE #4.
- 3. INCORPORATE LIME AND FERTILIZER IN THE TOP 4" OF TOPSOIL. 4. SMOOTH AND FIRM THE SEEDBED.

- APPLY LIME AT APPLICATION RATE RECOMMENDED BY SOIL ANALYSIS. WORK LIME INTO TOP 4 INCHES OF SOIL.
- APPLY FERTILIZER AT APPLICATION RATE RECOMMENDED BY SOIL ANALYSIS. APPLY FERTILIZER AFTER SMOOTH RAKING OF TOPSOIL AND PRIOR TO INSTALLATION OF SOD.
- APPLY FERTILIZER NO MORE THAN 48 HOURS BEFORE LAYING SOD. 5. MIX FERTILIZER THOROUGHLY INTO UPPER 4 INCHES OF TOPSOIL.
- 6. LIGHTLY WATER SOIL TO AID DISSIPATION OF FERTILIZER.

EXECUTION OF LANDSCAPE WORK

- 1. LANDSCAPE WORK SHALL BE UNDERTAKEN AS SOON AS AREAS OF THE SITE BECOME AVAILABLE.
- 2. TOPSOIL PLACED AND GRADED ON SLOPES STEEPER THAN 5% SHALL BE PROMPTLY FERTILIZED, SEEDED, MULCHED AND STABILIZED BY "TRACKING" WITH SUITABLE EQUIPMENT.
- 3. PERFORM FINE GRADING TO FINISHED ELEVATION ONLY IMMEDIATELY PRIOR TO PLANTING. PLANTING AREAS SHALL BE GRADED TO A SMOOTH, EVEN SURFACE, FREE OF DEPRESSIONS OR RIDGES WITH A UNIFORM LOOSE, FINE TEXTURE.
- 4. SOIL TESTING/AMENDING:
- A. THE SOIL SHALL BE TESTED BY A QUALIFIED TESTING LABORATORY AND AMENDED (PER LABORATORY RECOMMENDATIONS) TO MEET TOPSOIL SPECIFICATIONS HEREIN. LABORATORY RECOMMENDATIONS SHALL BE SUBMITTED TO AND APPROVED BY LANDSCAPE ARCHITECT BEFORE AMENDMENTS ARE MADE.
- B. APPLY FERTILIZER OF TYPE AND AT RATE RECOMMENDED BY TESTING LABORATORY FOR LAWN AREAS.

6. LAWN (SEED):

- A. SEED AT THE RATE OF 5 TO 6 LBS PER 1,000 SF.
- B. APPLY SEED UNIFORMLY BY CYCLONE SEEDER CULTI-PACKER OR HYDRO-SEEDER AT RATE INDICATED.
- C. ALL SEEDED AREAS SHALL BE PROTECTED FROM EROSION BY ONE OF THE FOLLOWING METHODS:
- i. A UNIFORM BLANKET OF STRAW APPLIED AT A RATE OF 2 TONS/ACRE MIN., TO BE APPLIED ONCE SEEDING IS COMPLETE.
- ii. WOOD FIBER CELLULOSE APPLIED WITH SEED MIX BY HYDROSEEDER AT RATE OF 2.000 LBS/ACRE.
- D. ALL SEEDED SLOPES 3:1 OR GREATER SHALL BE PROTECTED FROM EROSION WITH JUTE MESH OR APPROVED EQUAL.
- E. IRRIGATE TO FULLY SATURATE SOIL LAYER, BUT NOT TO DISCLOSE PLANTING SOIL.

- A. HARVEST, STORE AND HANDLE SOD ACCORDING TO REQUIREMENTS IN "SPECIFICATIONS FOR TURFGRASS SOD MATERIALS" AND "SPECIFICATIONS FOR TURFGRASS SOD TRANSPLANTING AND INSTALLATION" IN TPI'S "GUIDELINE SPECIFICATIONS FOR TURFGRASS SODDING." DELIVER SOD IN TIME FOR PLANTING WITHIN 24 HOURS OF HARVESTING. PROTECT SOD FROM BREAKAGE AND DRYING.
- B. IRRIGATE PREPARED SURFACE NO LESS THAN 12, AND NO MORE THAN 24 HOURS, PRIOR TO LAYING SOD.
- C. LAY SOD IMMEDIATELY AFTER DELIVERY TO SITE AND WITHIN 24 HOURS OF HARVESTING TO PREVENT
- D. LAY SOD TIGHT WITH NO OPEN JOINTS VISIBLE, AND NO OVERLAPPING; STAGGER END JOINTS 12 INCHES MINIMUM. DO NOT STRETCH OR OVERLAP SOD PIECES.
- E. LAY SMOOTH. LAY FIRST ROW OF SOD IN A STRAIGHT LINE WITH SUBSEQUENT ROWS PLACED PARALLEL AND TIGHTLY AGAINST PREVIOUS ROWS.
- F. PLACE TOP ELEVATION OF SOD 1/2 INCH BELOW ADJOINING PAVING.
- G. DO NOT PLACE SOD WHEN TEMPERATURE IS LOWER THAN 32 DEGREES F.
- H. WATER SODDED AREAS IMMEDIATELY AFTER INSTALLATION. SATURATE SOD TO 4 INCHES OF SOIL.
- I. AFTER SOD AND SOIL HAVE DRIED, ROLL SODDED AREAS TO BOND SOD TO SOIL AND TO REMOVE MINOR DEPRESSIONS AND IRREGULARITIES.
- J. ROLL AGAIN BEFORE FIRST WATERING.
- 8. ALL NEWLY PLANTED AREAS SHALL BE KEPT MOIST BY WATERING UNTIL GRASSES AND GROUND COVERS ARE WELL ESTABLISHED. THE LANDSCAPE CONTRACTOR MUST WATER PLANT MATERIAL WHEN NECESSARY FOR 60 DAYS AFTER INSTALLATION.
- 9. LAWNS ARE TO BE WARRANTED UNTIL THEY BECOME ESTABLISHED, UNTIL FINAL ACCEPTANCE, AND NOT LESS THAN 60 DAYS AFTER COMPLETION OF ALL WORK. TREES, SHRUBS, GROUND COVERS, AND PERENNIALS SHALL BE WARRANTED AGAINST DEFECTS INCLUDING POOR GROWTH AND DEATH, EXCEPT WHEN RESULTING FROM OWNER NEGLECT, INCIDENTS THAT ARE BEYOND THE CONTROL OF THE LANDSCAPE INSTALLER AND DAMAGE OR ABUSE BY OTHERS, FOR AT LEAST ONE FULL YEAR AFTER PROJECT COMPLETION.

LANDSCAPE MATERIALS:

- <u>FOPSOIL:</u> I. NEW TOPSOIL SHALL BE BETTER THAN OR EQUAL TO THE QUALITY OF THE EXISTING ADJACENT TOPSOIL. IT SHALL MEET THE FOLLOWING CRITERIA:
- A. ORIGINAL LOAM TOPSOIL, WELL DRAINED HOMOGENOUS TEXTURE AND OF UNIFORM GRADE, WITHOUT THE ADMIXTURE OF SUBSOIL MATERIAL AND FREE OF DENSE MATERIAL, HARDPAN, CLAY, STONES, SOD OR OTHER OBJECTIONABLE MATERIAL
- B. CONTAINING NOT LESS THAN 5% NOR MORE THAN 20% ORGANIC MATTER IN THAT PORTION OF A SAMPLING PASSING A 1/4" SIEVE WHEN DETERMINED BY THE WET COMBUSTION METHOD ON A SAMPLE DRIED AT
- C. CONTAINING A pH VALUE WITHIN pH RANGE OF 6.5 TO 7.5 ON THAT PORTION OF THE SAMPLE WHICH PASSES A 1/4" SIEVE.
- D. CONTAINING THE FOLLOWING WASHED GRADATIONS:

SIEVE DESIGNATION	% PASSING
1"	100
1/4"	97-100
No. 200	20-60

SEED MIXTURE FOR USE ON LAWN AREAS: PROVIDE FRESH, CLEAN, NEW-CROP SEED MIXED IN THE PROPORTIONS SPECIFIED FOR SPECIES AND VARIETY, AND CONFORMING TO FEDERAL AND STATE STANDARDS.

LAWN SEED MIX: AMOUNT BY SPECIES/VARIETY PURITY GERMINATION KENTUCKY BLUE GRASS 95% 60%

35% 90% PERENNIAL RYE 98% 25% 100% RED FESCUE 97% 85%

NURSERY GROWN, CULTIVATED GRASS SOD WITH FIBROUS ROOT SYSTEM; FREE OF STONES, WEEDS, AND BURNED OR BARE SPOTS.

2. SPECIES MIX APPROPRIATE TO THE GEOGRAPHIC AREA WITH THE FOLLOWING RANGES:

BLUEGRASS: 50%-100% FINE FESCUE: 0%-30% PERENNIAL RYE GRASS: 0%-25%



URBAHN ARCHITECTS

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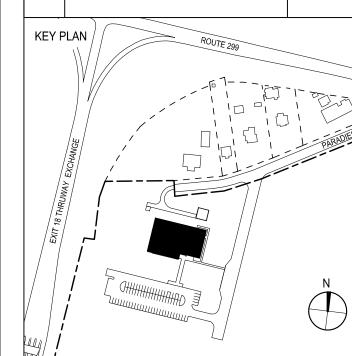
PARTNER ARCHITECT ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

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PHASE

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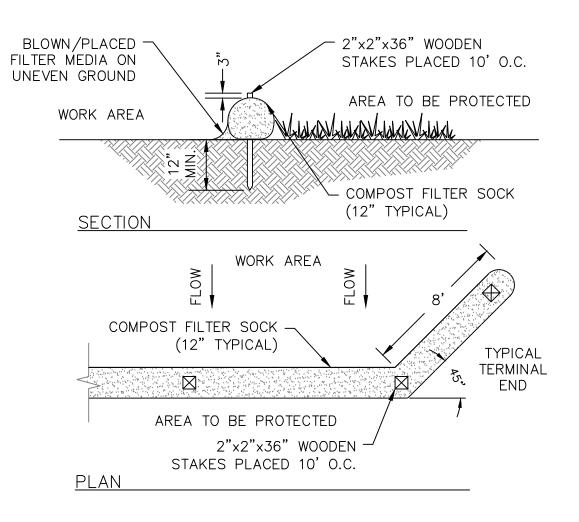
DRAWING NAME

DISCIPLINE LEAD

LANDSCAPE **DETAILS**

ED/AL PROJECT ARCHITECT/ENGINEER ED/AL CHECKED BY RT AS NOTED UAI PROJECT NO. DATE 12/20/2024 BID NUMBER RFB-UC24-148C

J. MONTAGNE



- 1. COMPOST FILTER SOCKS SHALL BE FILTREXX SILTSOXX OR EQUIVALENT 2. THE COMPOST FILTER SOCK SHALL MEET THE REQUIREMENTS IN THE NEW YORK STANDARD SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL
- (MUST RECENT EDITION). 3. THE COMPOST INFILL SHALL MEET THE PHYSICAL PARAMETERS IN TABLE
- 5.3-COMPOST STANDARDS TABLE. 4. SOCKS MAY BE FILLED AFTER PLACEMENT BY BLOWING COMPOST INTO THE TUBE PNEUMATICALLY, OR FILLED AT A STAGING LOCATION AND MOVED
- INTO THE DESIGNED LOCATION. 5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND ACCUMULATED
- SEDIMENT REMOVED WHEN IT REACHES HALF THE ABOVE GROUND HEIGHT. 6. COMPOST FILTER SOCKS SHALL BE USED WHERE EROSION COULD OCCUR IN
- THE FORM OF SHEET EROSION. 7. UPON STABILIZATION OF THE CONTRIBUTING AREA, THE STAKES SHALL BE REMOVED. THE SOCKS SHALL BE REMOVED BY CUTTING THE MESH AND THE COMPOST SPREAD AS AN ADDITIONAL MULCH TO ACT AS A SOIL SUPPLEMENT.
- 8. MAXIMUM ALLOWABLE SLOPE LENGTHS CONTRIBUTING RUN-OFF TO A 12" COMPOST FILTER SOCK ARE:

WOOD FRAME SECURELY

WITH TWO STAKES

BLACK LETTERS

BACKGROUND

SHAPED POST

/ FINISHED

GRADE

ARE 10 FEET X 10 FEET X 3 FEET DEEP.

UNTIL STRUCTURE IS REMOVED.

SCALE: NOT TO SCALE

SLOPE OR

LESS

✓ MIN.

SLOPE

2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1V: 2H.

4. SEE SPECIFICATIONS FOR INSTALLATION OF LINEAR BARRIER

COMPROMISE IMPERMEABILITY OF THE MATERIAL

- GALVANIZED "U"

10' (TYP)

WOOD FRAME

CHANNELS, STORM DRAIN INLETS, SENSITIVE AREAS, WETLANDS, BUFFERS AND

2. SIZE WASHOUT STRUCTURE FOR VOLUME NECESSARY TO CONTAIN WASH WATER AND

SOLIDS AND MAINTAIN AT LEAST 4 INCHES OF FREEBOARD. TYPICAL DIMENSIONS

TEARS OR HOLES IN THE LINER. FOR LINER, USE 10 MIL OR THICKER UV RESISTANT,

3. LINER: PREPARE SOIL BASE FREE OF ROCKS OR OTHER DEBRIS THAT MAY CAUSE

IMPERMEABLE SHEETING, FREE OF HOLES AND TEARS OR OTHER DEFECTS THAT

5. KEEP CONCRETE WASHOUT STRUCTURE WATER TIGHT. REPLACE IMPERMEABLE LINER

STRUCTURE THAT IS 75 PERCENT FULL, AND DISPOSE OF ACCUMULATED MATERIAL

OVERFLOWS, REMOVE HARDENED SOLIDS, WHOLE OR BROKEN UP, FOR DISPOSAL OR

RECYCLING. MAINTAIN RUNOFF DIVERSION AROUND EXCAVATED WASHOUT STRUCTURE

TEMPORARY CONCRETE WASHOUT

LINEAR -

PERIMETER

BARRIER

3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH A LINEAR

PROPERLY. DO NOT REUSE PLASTIC LINER. WET-VACUUM STORED LIQUIDS THAT

HAVE NOT EVAPORATED AND DISPOSE OF IN AN APPROVED MANNER. PRIOR TO

FORECASTED RAINSTORMS, REMOVE LIQUIDS OR COVER STRUCTURE TO PREVENT

1. LOCATE WASHOUT STRUCTURE A MINIMUM OF 100 FEET AWAY FROM OPEN

4. PROVIDE A SIGN FOR THE WASHOUT IN CLOSE PROXIMITY TO THE FACILITY.

IF DAMAGED (E.G., RIPPED OR PUNCTURED). EMPTY OR REPLACE WASHOUT

WATER COURSES AND AWAY FROM CONSTRUCTION TRAFFIC.

ON WHITE

— 10' (ТҮР) ——•

4 10' (TYP) — ►

LINER (SEE

NOTE 3)

<u>SECTION B-B</u>

FASTENED AROUND PERIMETER

ALL CONCRETE)

WASHOUT HERE

WASHOUT SIGN

WASHOUT SPECIFICATIONS

7'-0" TO

BOTTOM

OF SIGN

3' MIN SOIL

EMBEDMENT

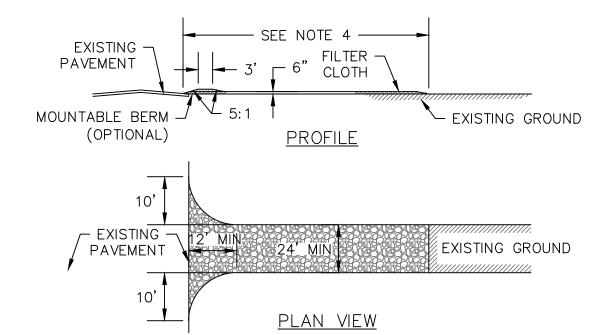
C-525

NOTES:

TRUCKS SHALL | 12"

ILILIN SOON AINL.	
% SLOPE	MAXIMUM SLOPE LENGTH(FT)
2	250
5	225
10	125
20	65
25	50
33	40
50	25

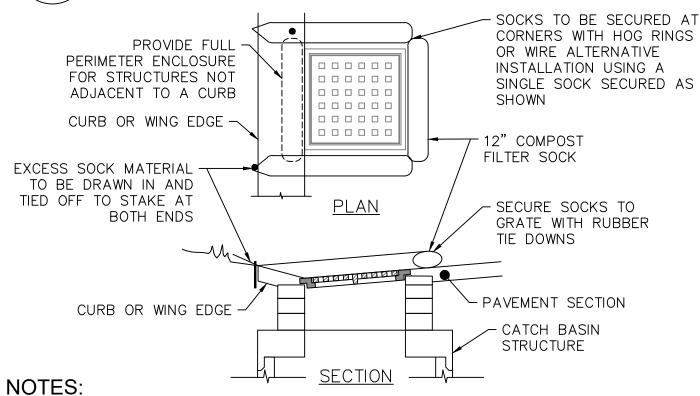
COMPOST FILTER SOCK INSTALLATION SCALE: NOT TO SCALE ∖ C-525 *∫*



CONSTRUCTION ENTRANCE SPECIFICATIONS:

- 1. STONE SIZE USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT
- 2. THICKNESS NOT LESS THAN SIX (6) INCHES.
- 3. WIDTH TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY
- FOUR FEET (24) FOOT IF SINGLE ENTRANCE TO SITE. 4. LENGTH - NOT LESS THAN 50' (EXCEPT ON A SINGLE RESIDENCE
- LOT WHERE A 30' MINIMUM LENGTH WOULD APPLY).
- 5. FILTER CLOTH WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- 6. SURFACE WATER ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL. A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- 7. MAINTENANCE THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED
- ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. 8. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE
- AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE. 9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ACCESS SCALE: NOT TO SCALE **∖** C-525 /



SECURE FILTERSOCK TO GROUND AT BOTH ENDS.

COMPOST FILTER SOCK

(3) INLET PROTECTION DETAIL

C-525 | SCALE: NOT TO SCALE

- 2. INLET PROTECTION SHALL REMAIN IN-PLACE UNTIL SITE HAS BEEN STABILIZED
- 3. SEE COMPOST FILTER SOCK INSTALLATION DETAIL FOR ADDITIONAL NOTES AND SPECIFICATIONS.

TEMPORARY SOIL STOCKPILE SCALE: NOT TO SCALE 、C-525 *∫*

PERIMETER BARRIER, THEN STABILIZED WITH VEGETATION OR COVERED.

C-520

1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.

EROSION AND SEDIMENT CONTROL MEASURES:

GENERAL MEASURES:

- 1. DAMAGE TO SURFACE WATERS RESULTING FROM EROSION AND SEDIMENTATION SHALL BE MINIMIZED BY STABILIZING DISTURBED AREAS AND BY REMOVING SEDIMENT FROM CONSTRUCTION SITE DISCHARGES.
- 2. AS MUCH AS IS PRACTICAL, EXISTING VEGETATION SHALL BE PRESERVED. FOLLOWING THE COMPLETION OF CONSTRUCTION ACTIVITIES IN ANY PORTION OF THE SITE, PERMANENT VEGETATION SHALL BE ESTABLISHED ON ALL EXPOSED SOILS.
- 3. SITE PREPARATION ACTIVITIES SHALL BE PLANNED TO MINIMIZE THE SCOPE AND DURATION OF SOIL DISRUPTION.
- 4. PERMANENT TRAFFIC CORRIDORS SHALL BE ESTABLISHED AND "ROUTES OF CONVENIENCE" SHALL BE AVOIDED. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT ALL POINTS OF ENTRY ONTO THE PROJECT SITE.

PARTICULAR MEASURES:

- . STABILIZED CONSTRUCTION ENTRANCE, UTILIZED DURING CONSTRUCTION, SHALL BE MAINTAINED IN A CONDITION THAT SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE. PERIODIC INSPECTIONS AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.
- 2. SOIL STOCKPILES: SILT FENCES SHALL BE CONSTRUCTED AROUND ALL STOCKPILES OF FILL, TOPSOIL, AND EXCAVATED OVERBURDEN THAT ARE TO REMAIN EXPOSED FOR PERIODS LESS THAN 21 DAYS. SILT FENCES SHALL BE ANCHORED AND MAINTAINED IN GOOD CONDITION UNTIL SUCH TIME AS SAID STOCKPILES ARE REMOVED AND STOCKPILING AREAS ARE BROUGHT TO FINAL GRADE AND PERMANENTLY STABILIZED. TOPSOIL AND FILL THAT IS TO REMAIN STOCKPILED ON-SITE FOR PERIODS GREATER THAN 21 DAYS SHALL BE STABILIZED BY SEEDING. PRIOR TO THE SEEDING OPERATION, THE STOCKPILED MATERIAL SHALL BE GRADED AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION, AND MULCH ANCHORING. IN NO CASE SHALL ERODIBLE MATERIALS BE STOCKPILED WITHIN 25 FEET OF ANY DITCH, STREAM, OR OTHER SURFACE WATER BODY.

MAINTENANCE OF EROSION AND SEDIMENT CONTROL **MEASURES:**

PERMANENT AND TEMPORARY VEGETATION:

INSPECT ALL AREAS THAT HAVE RECEIVED VEGETATION EVERY SEVEN DAYS. ALL AREAS DAMAGED BY EROSION OR WHERE SEED HAS NOT ESTABLISHED SHALL BE REPAIRED AND RESTABILIZED IMMEDIATELY

STABILIZED CONSTRUCTION ENTRANCE:

INSPECT THE ENTRANCE PAD EVERY SEVEN DAYS. CHECK FOR MUD, SEDIMENT BUILD-UP AND PAD INTEGRITY. MAKE DAILY INSPECTIONS DURING WET WEATHER. RESHAPE PAD AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL. WASH AND REPLACE STONE AS NEEDED. THE STONE IN THE ENTRANCE SHOULD BE WASHED OR REPLACED WHENEVER THE ENTRANCE FAILS TO REDUCE MUD BEING CARRIED OFF-SITE BY VEHICLES. IMMEDIATELY REMOVE MUD AND SEDIMENT TRACKED OR WASHED ONTO PUBLIC ROADS BY BRUSHING OR SWEEPING. REMOVE TEMPORARY CONSTRUCTION ENTRANCE AS SOON AS THEY ARE NO LONGER NEEDED TO PROVIDE ACCESS TO THE SITE.

SILT FENCE:

INSPECT FOR DAMAGE EVERY SEVEN DAYS. MAKE ALL REPAIRS IMMEDIATELY. REMOVE SEDIMENT FROM THE UP-SLOPE FACE OF THE FENCE BEFORE IT ACCUMULATES TO A HEIGHT EQUAL TO 1/3 THE HEIGHT OF THE FENCE. IF FENCE FABRIC TEARS, BEGINS TO DECOMPOSE, OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE THE AFFECTED SECTION OF FENCE IMMEDIATELY.

SOIL STOCKPILE:

INSPECT SEDIMENT CONTROL BARRIERS (SILT FENCE OR HAYBALE) AND VEGETATION FOR DAMAGE EVERY SEVEN DAYS. MAKE ALL REPAIRS IMMEDIATELY. REMOVE SEDIMENT FROM THE UP-SLOPE FACE OF THE SEDIMENT CONTROL BARRIER BEFORE IT ACCUMULATES TO A HEIGHT EQUAL TO 1/3 THE HEIGHT OF THE SEDIMENT CONTROL BARRIER. IF SEDIMENT CONTROL BARRIER TEARS, BEGINS TO DECOMPOSE, OR IN ANYWAY BECOMES INEFFECTIVE, REPLACE THE AFFECTED SECTION OF SEDIMENT CONTROL BARRIER IMMEDIATELY. REVEGETATE DISTURBED AREA TO STABILIZE SOIL STOCK PILE. REMOVE THE SEDIMENT CONTROL BARRIER WHEN THE SOIL STOCKPILE HAS BEEN REMOVED.

DUST CONTROL:

SCHEDULE CONSTRUCTION OPERATIONS TO MINIMIZE THE AMOUNT OF DISTURBED AREAS AT ANY ONE TIME DURING THE COURSE OF WORK. APPLY TEMPORARY SOIL STABILIZATION PRACTICES SUCH AS MULCHING, SEEDING, AND SPRAYING (WATER). STRUCTURAL MEASURES (MULCH, SEEDING) SHALL BE INSTALLED IN DISTURBED AREAS BEFORE SIGNIFICANT BLOWING PROBLEMS DEVELOP. WATER SHALL BE SPRAYED AS NEEDED. REPEAT AS NEEDED, BUT AVOID EXCESSIVE SPRAYING, WHICH COULD CREATE RUNOFF AND EROSION PROBLEMS.

SNOW AND ICE CONTROL:

PARKING LOTS, ROADWAYS, AND DRIVEWAYS ADJACENT TO WATER QUALITY FILTERS SHALL NOT BE SANDED DURING SNOW EVENTS DUE TO HIGH POTENTIAL FOR CLOGGING FROM SAND IN SURFACE WATER RUNOFF. USE SALT ONLY FOR SNOW AN ICE CONTROL.

GENERAL EROSION AND SEDIMENT CONTROL NOTES:

- 1. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE IN STRICT COMPLIANCE WITH "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL", NOVEMBER 2016.
- 2. EXCESS SOIL TO BE STOCKPILED WITHIN THE LIMITS OF SITE DISTURBANCE IF NOT USED IMMEDIATELY FOR GRADING PURPOSES. INSTALL SILT FENCE AROUND SOIL STOCKPILES.
- 3. APPLY SURFACE STABILIZATION AND RESTORATION MEASURES. AREAS UNDERGOING CLEARING OR GRADING AND ANY AREAS DISTURBED BY CONSTRUCTION ACTIVITIES WHERE WORK IS DELAYED, SUSPENDED, OR INCOMPLETE AND WILL NOT BE REDISTURBED FOR 21 DAYS OR MORE SHALL BE STABILIZED WITH TEMPORARY VEGETATIVE COVER WITHIN 14 DAYS AFTER CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS CEASED. AREAS UNDERGOING CLEARING OR GRADING AND ANY AREAS DISTURBED BY CONSTRUCTION ACTIVITIES WHERE WORK IS COMPLETE AND WILL NOT BE REDISTURBED SHALL BE STABILIZED AND RESTORED WITH PERMANENT VEGETATIVE COVER AS SOON AS SITE AREAS ARE AVAILABLE AND WITHIN 14 DAYS AFTER WORK IS COMPLETE. (SEE SPECIFICATIONS FOR PERMANENT VEGETATIVE COVER). SEEDING FOR PERMANENT VEGETATIVE COVER SHALL BE WITHIN THE SEASONAL LIMITATIONS. PROVIDE STABILIZATION WITH TEMPORARY VEGETATIVE COVER WITHIN 14 DAYS AFTER WORK IS COMPLETE, FOR SEEDING OUTSIDE PERMITTED SEEDING PERIODS.
- 4. SEEDED AREAS TO BE MULCHED WITH STRAW OR HAY MULCH IN ACCORDANCE WITH VEGETATIVE COVER SPECIFICATIONS.
- 5. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT THE COURSE OF CONSTRUCTION.
- 6. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST BY SPRINKLING EXPOSED SOIL AREAS PERIODICALLY WITH WATER AS REQUIRED. THE CONTRACTOR IS TO SUPPLY ALL EQUIPMENT AND WATER.
- 7. WHEN ALL DISTURBED AREAS ARE STABLE, ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED.

SPDES GENERAL PERMIT GP-0-20-001 COMPLIANCE NOTES:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH THE FOLLOWING:

- 1. THE CONTRACTOR AND HIS/HER SUBCONTRACTORS SHALL READ AND UNDERSTAND THE CONDITIONS OF THE "NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) STATE POLLUTANT DISCHARGE ELIMINATION (SPDES) GENERAL PERMIT FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES", GP-0-20-001 FOR THIS PROJECT.
- 2. THE CONTRACTOR AND HIS/HER SUBCONTRACTORS SHALL SIGN A COPY OF THE GENERAL PERMIT, GP-0-20-001, CERTIFICATION STATEMENT AS IDENTIFIED IN THE APPENDICES OF THE STORM WATER POLLUTION PREVENTION PLAN.
- 3. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS NECESSARY FOR THE WORK OUTLINED HEREIN.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF ALL STORM WATER POLLUTION PREVENTION MEASURES OUTLINED IN THE STORM WATER POLLUTION PREVENTION PLAN AND SITE PLANS
- 5. THE CONTRACTOR SHALL HOLD A PRECONSTRUCTION CONFERENCE WITH THE OWNER'S REPRESENTATIVES AT LEAST ONE WEEK PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- 6. THE CONTRACTOR/OWNER SHALL HAVE A QUALIFIED INSPECTOR, AS DEFINED WITHIN THE NYSDEC SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY PERMIT NO. GP-0-20-001, CONDUCT AN INITIAL SITE ASSESSMENT PRIOR TO CONSTRUCTION, FOLLOWING THE COMMENCEMENT OF CONSTRUCTION, THE QUALIFIED INSPECTOR SHALL CONDUCT AT LEAST ONE (1) SITE INSPECTION EVERY SEVEN (7) CALENDAR DAYS. REFER TO SWPPP FOR INSPECTION GUIDELINES.
- 7. PRIOR TO COMMENCEMENT OF CONSTRUCTION, A QUALIFIED INSPECTOR IN EROSION AND SEDIMENT CONTROL (HIRED BY CONTRACTOR/OWNER) SHALL CONDUCT AN ASSESSMENT OF THE SITE AND CERTIFY THAT THE APPROPRIATE EROSION AND SEDIMENT CONTROL STRUCTURES AS DEPICTED ON THE PLANS HAVE BEEN ADEQUATELY INSTALLED AND IMPLEMENTED. CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER ONCE THE EROSION AND SEDIMENT CONTROL STRUCTURES HAVE BEEN INSTALLED. REFER TO STORMWATER POLLUTION PREVENTION PLAN FOR INSPECTION GUIDELINES.
- 8. THE OWNER/OPERATOR SHALL MAINTAIN A RECORD OF ALL EROSION AND SEDIMENT CONTROL INSPECTION REPORTS AT THE SITE IN A LOG BOOK. THE SITE LOG BOOK SHALL BE MAINTAINED ON-SITE AND BE MADE AVAILABLE TO THE PERMITTING AUTHORITY. THE OWNER/CONTRACTOR SHALL POST AT THE SITE, IN A PUBLICLY-ACCESSIBLE LOCATION, A SUMMARY OF THE SITE INSPECTION ACTIVITIES ON A MONTHLY BASIS.
- 9. THE OWNER/OPERATOR SHALL FILE A NOTICE OF INTENT (NOI) WITH THE NYSDEC AND MS4 ACCEPTANCE FORM WITH THE CITY OF ALBANY, NY PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES AND A NOTICE OF TERMINATION (NOT) WITH NYSDEC FOLLOWING CONSTRUCTION ACTIVITIES.

	EROSION	& SEDIMI	ENT INSP	ECTION &	MAINTENANC	E SCHEDULE
1	STRUCTURE	DAILY	WEEKLY	AFTER RAINFALL	NECESSARY TO MAINTAIN FUNCTION	AFTER COMPLETION OF CONSTRUCTION
	SILT FENCE BARRIER		INSPECT	INSPECT	CLEAN/ REPLACE	REMOVE
۷D	DUST CONTROL	INSPECT		INSPECT	MULCHING/ SPRAYING WATER	N/A
ND	VEGETATIVE ESTABLISHMENT		INSPECT	INSPECT	WATERING/ RE-SEEDING/ RE-MULCHING	PERMANENT
	INLET PROTECTION		INSPECT	INSPECT	CLEAN/ REPAIR/ REPLACE	REMOVE
	STABILIZED CONSTRUCTION ENTRANCE		INSPECT	INSPECT	CLEAN/ REPLACE STONE & FABRIC	REMOVE



URBAHN ARCHITECTS

306 WEST 37TH STREET, NEW YORK, NY 10018 www.urbahn.com ● TEL: 212.239.0220 ● FAX: 212.563.5621

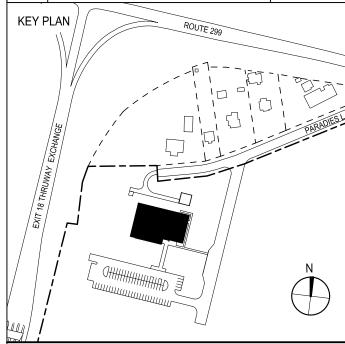
PARTNER ARCHITECT ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

ISSUE / REVISION

I.T. / A.V / SECURITY **CERAMI ASSOCIATES** 1155 15TH STREET #606, WASHINGTON, DC 20005

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NO.	DESCRIPTION	DATE				
	100% CD- BID SET	20 DEC 2024				
KEN	DIANI					



PROJECT TITLE

ULSTER COUNTY

GOVERNMENT OPERATIONS CENTER

10 PARADIES LANE, **NEW PALTZ, NY 12561**

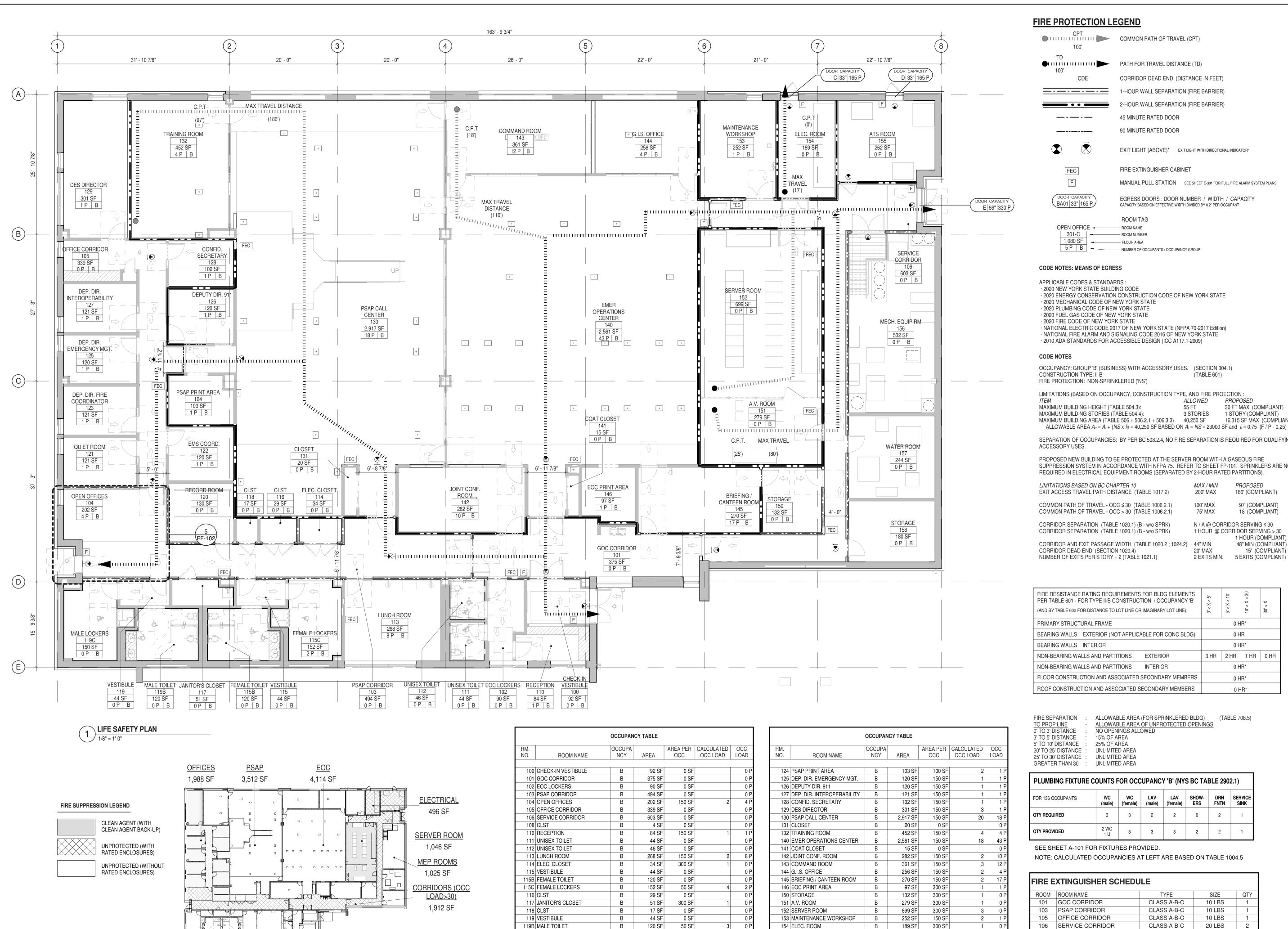
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EROSION AND SEDIMENT CONTROL DETAILS

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PROJECT ARCHITECT/ENGINE	ER	ED/A
DISCIPLINE LEAD	,	J. MONTAG

RFB-UC24-148C 29 OF 227



119C MALE LOCKERS

120 RECORD ROOM

123 DEP. DIR. FIRE COORDINATOR B

121 QUIET ROOM

122 EMS COORD.

150 SF

130 SF

120 SF

0 SF

150 SF

150 SF

150 SF

155 ATS ROOM

158 STORAGE

and total: 51

156 MECH. EQUIP RM

157 WATER ROOM

262 SF

532 SF

244 SF

180 SF

14,759 SF

300 SF

300 SF

300 SF

FIRE PROTECTION LEGEND

COMMON PATH OF TRAVEL (CPT) PATH FOR TRAVEL DISTANCE (TD) CORRIDOR DEAD END (DISTANCE IN FEET) 1-HOUR WALL SEPARATION (FIRE BARRIER) 2-HOUR WALL SEPARATION (FIRE BARRIER) 45 MINUTE RATED DOOR

90 MINUTE RATED DOOR

EXIT LIGHT (ABOVE)* EXIT LIGHT WITH DIRECTIONAL INDICATOR*

FIRE EXTINGUISHER CABINET MANUAL PULL STATION SEE SHEET E-301 FOR FULL FIRE ALARM SYSTEM PLANS

DOOR CAPACITY EGRESS DOORS: DOOR NUMBER / WIDTH / CAPACITY └ BA01 33" 165 P CAPACITY BASED ON EFFECTIVE WIDTH DIVIDED BY 0.2" PER OCCUPANT

ROOM TAG OPEN OFFICE - ROOM NAME ---- ROOM NUMBER

CODE NOTES: MEANS OF EGRESS

APPLICABLE CODES & STANDARDS:

- · 2020 NEW YORK STATE BUILDING CODE · 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE
- · 2020 MECHANICAL CODE OF NEW YORK STATE · 2020 PLUMBING CODE OF NEW YORK STATE

FLOOR AREA

- 2020 FUEL GAS CODE OF NEW YORK STATE 2020 FIRE CODE OF NEW YORK STATE
- · NATIONAL ELECTRIC CODE 2017 OF NEW YORK STATE (NFPA 70-2017 Edition) · NATIONAL FIRE ALARM AND SIGNALING CODE 2016 OF NEW YORK STATE
- · 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN (ICC A117.1-2009)

CODE NOTES

OCCUPANCY: GROUP 'B' (BUSINESS) WITH ACCESSORY USES. (SECTION 304.1) CONSTRUCTION TYPE: II-B FIRE PROTECTION: NON-SPRINKLERED ('NS')

LIMITATIONS (BASED ON OCCUPANCY, CONSTRUCTION TYPE, AND FIRE PROECTION:

ALLOWED PROPOSED MAXIMUM BUILDING HEIGHT (TABLE 504.3): 55 FT 30 FT MAX (COMPLIANT) MAXIMUM BUILDING STORIES (TABLE 504.4): 3 STORIES 1 STORY (COMPLIANT) MAXIMUM BUILDING AREA (TABLE 506 + 506.2.1 + 506.3.3) 40,250 SF 16,315 SF MAX (COMPLIANT

SEPARATION OF OCCUPANCIES: BY PER BC 508.2.4, NO FIRE SEPARATION IS REQUIRED FOR QUALIFYING ACCESSORY USES.

PROPOSED NEW BUILDING TO BE PROTECTED AT THE SERVER ROOM WITH A GASEOUS FIRE SUPPRESSION SYSTEM IN ACCORDANCE WITH NFPA 75. REFER TO SHEET FP-101. SPRINKLERS ARE NOT REQUIRED IN ELECTRICAL EQUIPMENT ROOMS (SEPARATED BY 2-HOUR RATED PARTITIONS).

LIMITATIONS BASED ON BC CHAPTER 10 MAX / MIN PROPOSED EXIT ACCESS TRAVEL PATH DISTANCE (TABLE 1017.2) 200' MAX 186' (COMPLIANT) 97' (COMPLIANT) COMMON PATH OF TRAVEL - OCC ≤ 30 (TABLE 1006.2.1) 100' MAX COMMON PATH OF TRAVEL - OCC > 30 (TABLE 1006.2.1) 75' MAX 18' (COMPLIANT) CORRIDOR SEPARATION (TABLE 1020.1) (B - w/o SPRK) N / A @ CORRIDOR SERVING ≤ 30 CORRIDOR SEPARATION (TABLE 1020.1) (B - w/o SPRK) 1 HOUR @ CORRIDOR SERVING > 30

CORRIDOR AND EXIT PASSAGE WIDTH (TABLE 1020.2; 1024.2) CORRIDOR DEAD END (SECTION 1020.4) 20' MAX NUMBER OF EXITS PER STORY = 2 (TABLE 1021.1) 2 EXITS MIN.

FIRE RESISTANCE RATING REQUIREMENTS FOR BLDG ELEMENTS PER TABLE 601 - FOR TYPE II-B CONSTRUCTION / OCCUPANCY 'B' (AND BY TABLE 602 FOR DISTANCE TO LOT LINE OR IMAGINARY LOT LINE):	0' < X < 5'	5' < X < 10'	10' < X < 30'	30' < X
PRIMARY STRUCTURAL FRAME		0 H	IR*	
BEARING WALLS EXTERIOR (NOT APPLICABLE FOR CONC BLDG)		0 H	IR	
BEARING WALLS INTERIOR		0 H	IR*	
NON-BEARING WALLS AND PARTITIONS EXTERIOR	3 HR	2 HR	1 HR	0 HR
NON-BEARING WALLS AND PARTITIONS INTERIOR		0 H	IR*	
FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS		0 H	IR*	·
ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS		0 F	IR*	

FIRE SEPARATION ALLOWABLE AREA (FOR SPRINKLERED BLDG) (TABLE 708.5) TO PROP LINE 0' TO 3' DISTANCE ALLOWABLE AREA OF UNPROTECTED OPENINGS 3' TO 5' DISTANCE 15% OF AREA 5' TO 10' DISTANCE 25% OF AREA 20' TO 25' DISTANCE UNLIMITED AREA

PLUMBING FIXTURE COUNTS FOR OCCUPANCY 'B' (NYS BC TABLE 2902.1)

FOR 136 OCCUPANTS	WC (male)	WC (female)	LAV (male)	LAV (female)	SHOW- ERS	DRN FNTN	SERVIC SINK
QTY REQUIRED	3	3	2	2	0	2	1
QTY PROVIDED	2 WC 1 U	3	3	3	2	2	1

SEE SHEET A-101 FOR FIXTURES PROVIDED. NOTE: CALCULATED OCCUPANCIES AT LEFT ARE BASED ON TABLE 1004.5

130 PSAP CALL CENTER

151 A.V. ROOM

152 SERVER ROOM

140 EMER OPERATIONS CENTER

FIRE EXTINGUISHER SCHEDULE ROOM ROOM NAME SIZE 101 GOC CORRIDOR CLASS A-B-C 10 LBS 103 PSAP CORRIDOR CLASS A-B-C 10 LBS 105 OFFICE CORRIDOR CLASS A-B-C 10 LBS 106 SERVICE CORRIDOR CLASS A-B-C 20 LBS 113 LUNCH ROOM CLASS A-B-C

CLASS A-B-C

CLASS A-B-C

HALOTRON

HALOTRON

20 LBS

20 LBS

5 LBS

5 LBS



URBAHN ARCHITECTS

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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

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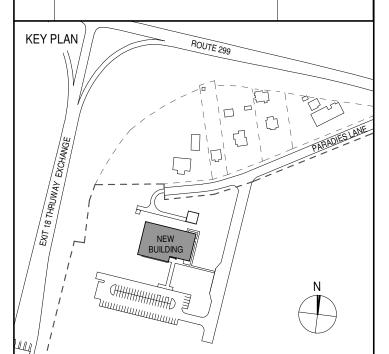
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CERAMI ASSOCIATES

1155 15TH STREET #606, WASHINGTON, DC 20005 ISSUE / REVISION

NO. DESCRIPTION 100% CD - BID SET

20 DEC 2024



ULSTER COUNTY

GOVERNMENT **OPERATIONS CENTER**

10 PARADIES LANE NEW PALTZ, NY 12561

1 HOUR (COMPLIANT)

48" MIN (COMPLIANT)

5 EXITS (COMPLIANT)

15' (COMPLIANT)

100% CDs - BID SET

DRAWING NAME

LIFE SAFETY PLANS & CODE ANALYSIS

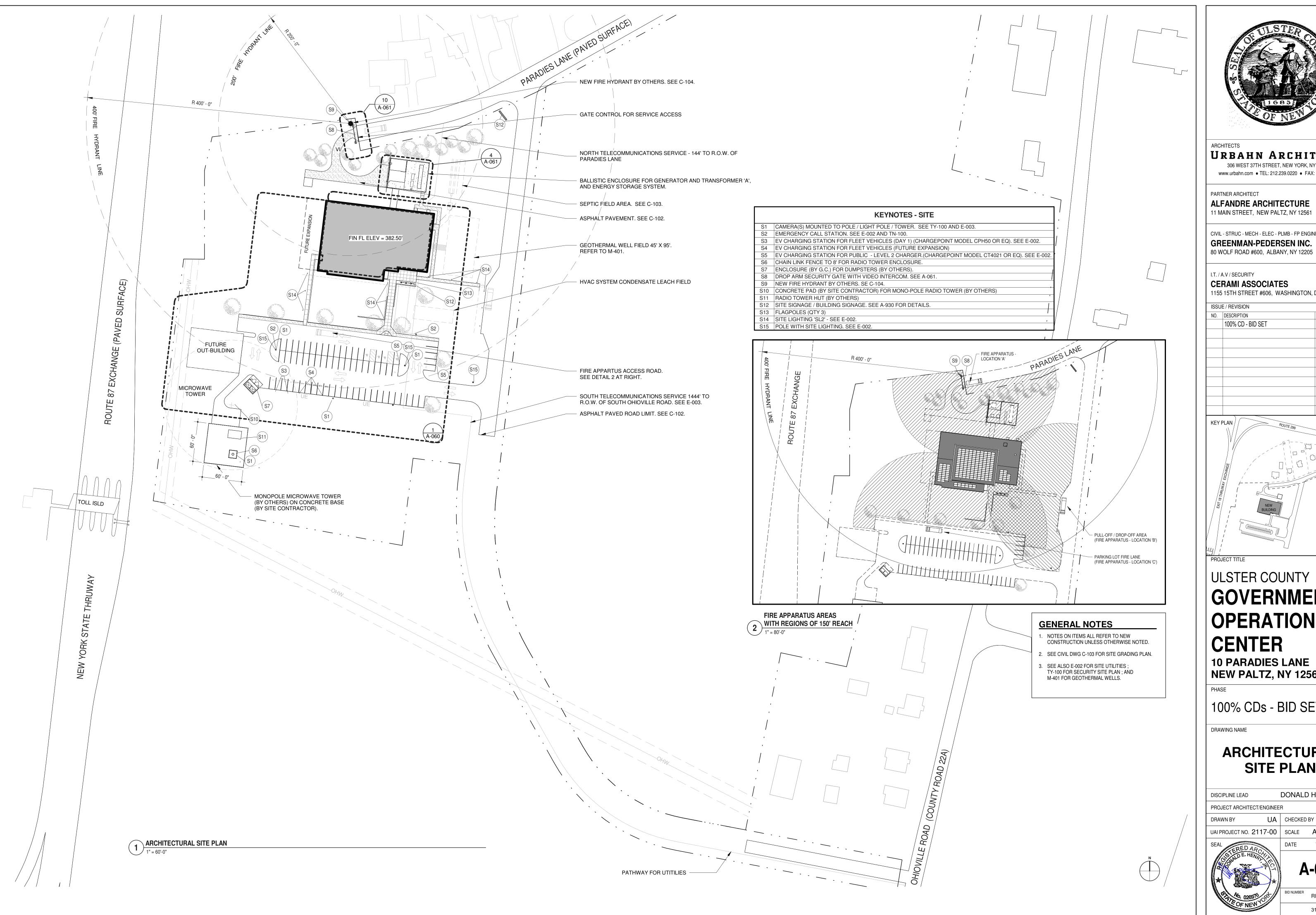
DONALD HENRY, JR DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER

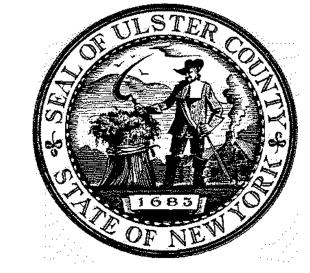
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CY CHECKED BY C YOUNG As indicated 12/20/2024

A-050

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URBAHN ARCHITECTS

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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC.

I.T. / A.V / SECURITY CERAMI ASSOCIATES

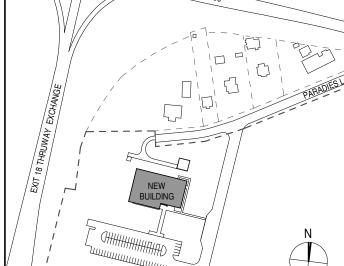
1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION

NO. DESCRIPTION

20 DEC 2024 100% CD - BID SET

KEY PLAN /



ULSTER COUNTY

GOVERNMENT **OPERATIONS CENTER**

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

ARCHITECTURAL SITE PLAN

DONALD HENRY, JR. DISCIPLINE LEAD

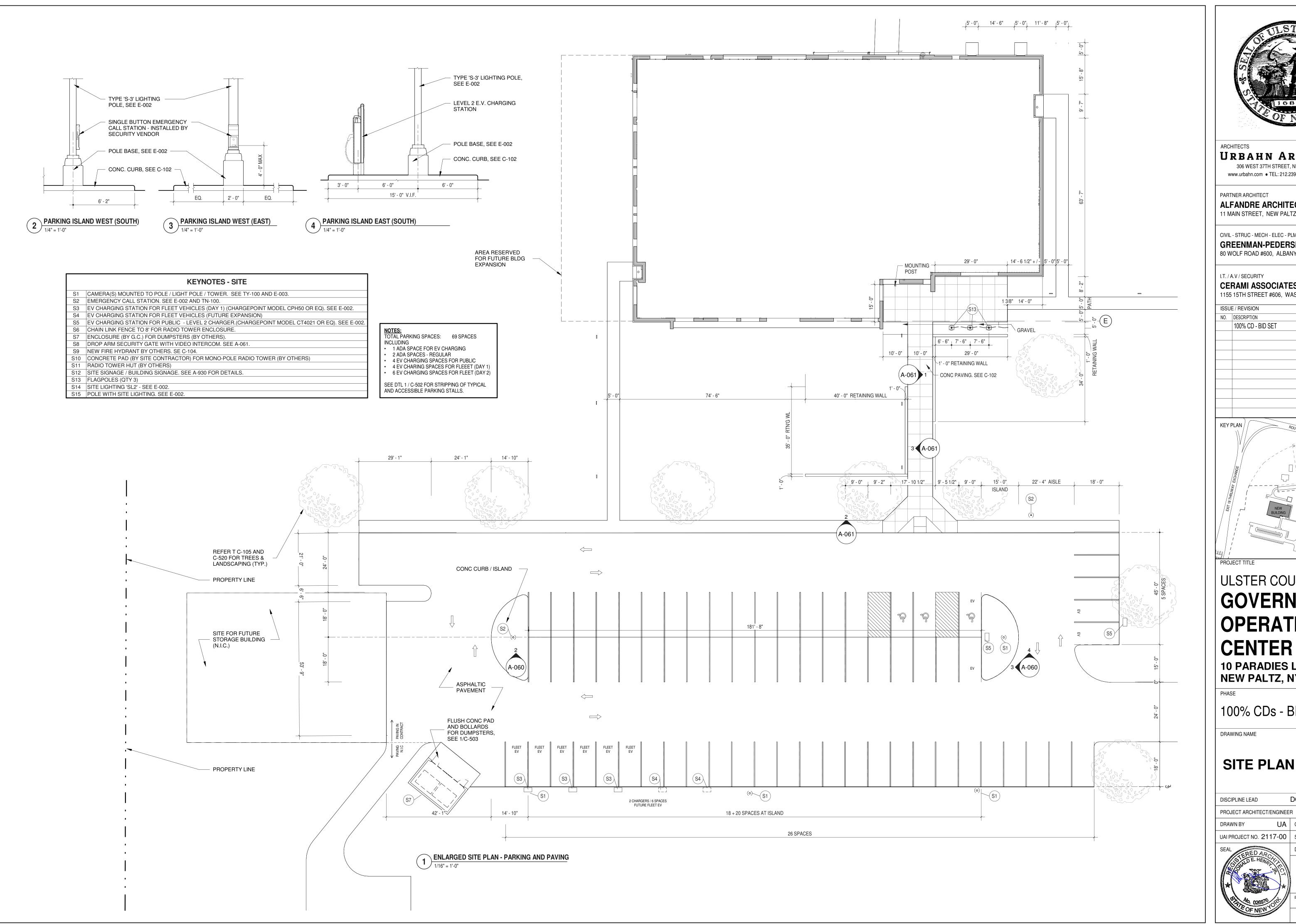
PROJECT ARCHITECT/ENGINEER

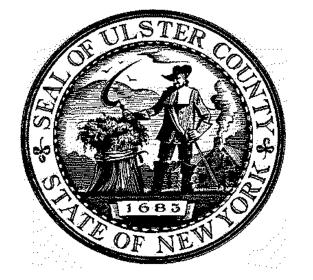
UA CHECKED BY C YOUNG UAI PROJECT NO. 2117-00 | SCALE | As indicated



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RFB-UC24-148C 31 OF 227





ARCHITECTS

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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

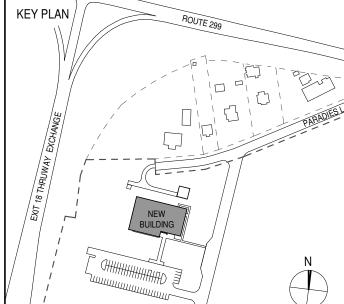
CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY

CERAMI ASSOCIATES 1155 15TH STREET #606, WASHINGTON, DC 20005

NO. DESCRIPTION

20 DEC 2024 100% CD - BID SET



ULSTER COUNTY

GOVERNMENT **OPERATIONS**

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

SITE PLAN DETAILS

DONALD HENRY, JR.

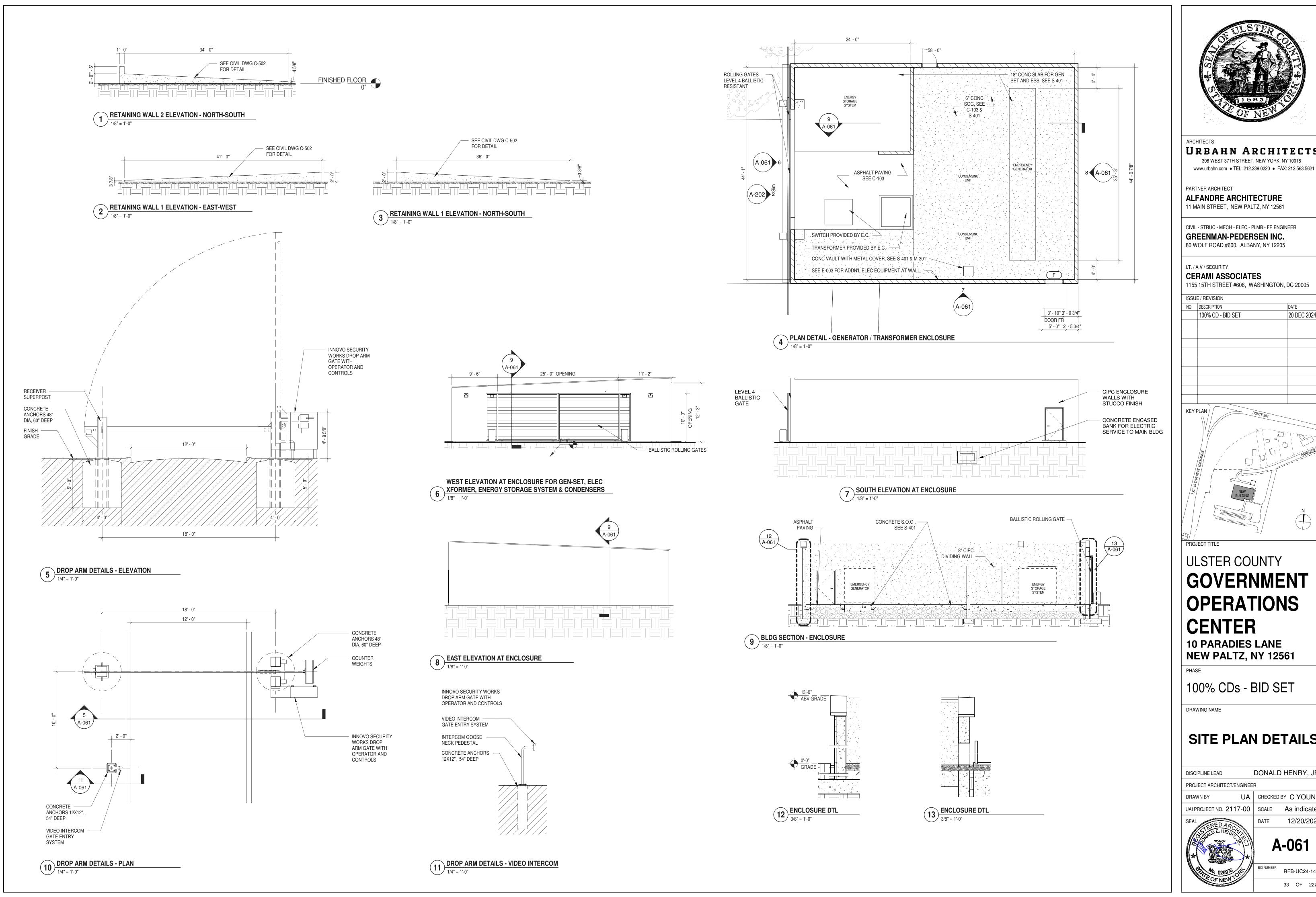
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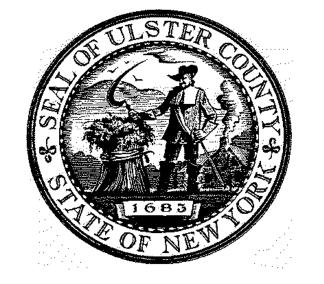
UA | CHECKED BY C YOUNG UAI PROJECT NO. 2117-00 SCALE As indicated 12/20/2024



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URBAHN ARCHITECTS 306 WEST 37TH STREET, NEW YORK, NY 10018

ALFANDRE ARCHITECTURE

11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY CERAMI ASSOCIATES

1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION

20 DEC 2024 100% CD - BID SET

ULSTER COUNTY

GOVERNMENT **OPERATIONS CENTER**

10 PARADIES LANE

100% CDs - BID SET

DRAWING NAME

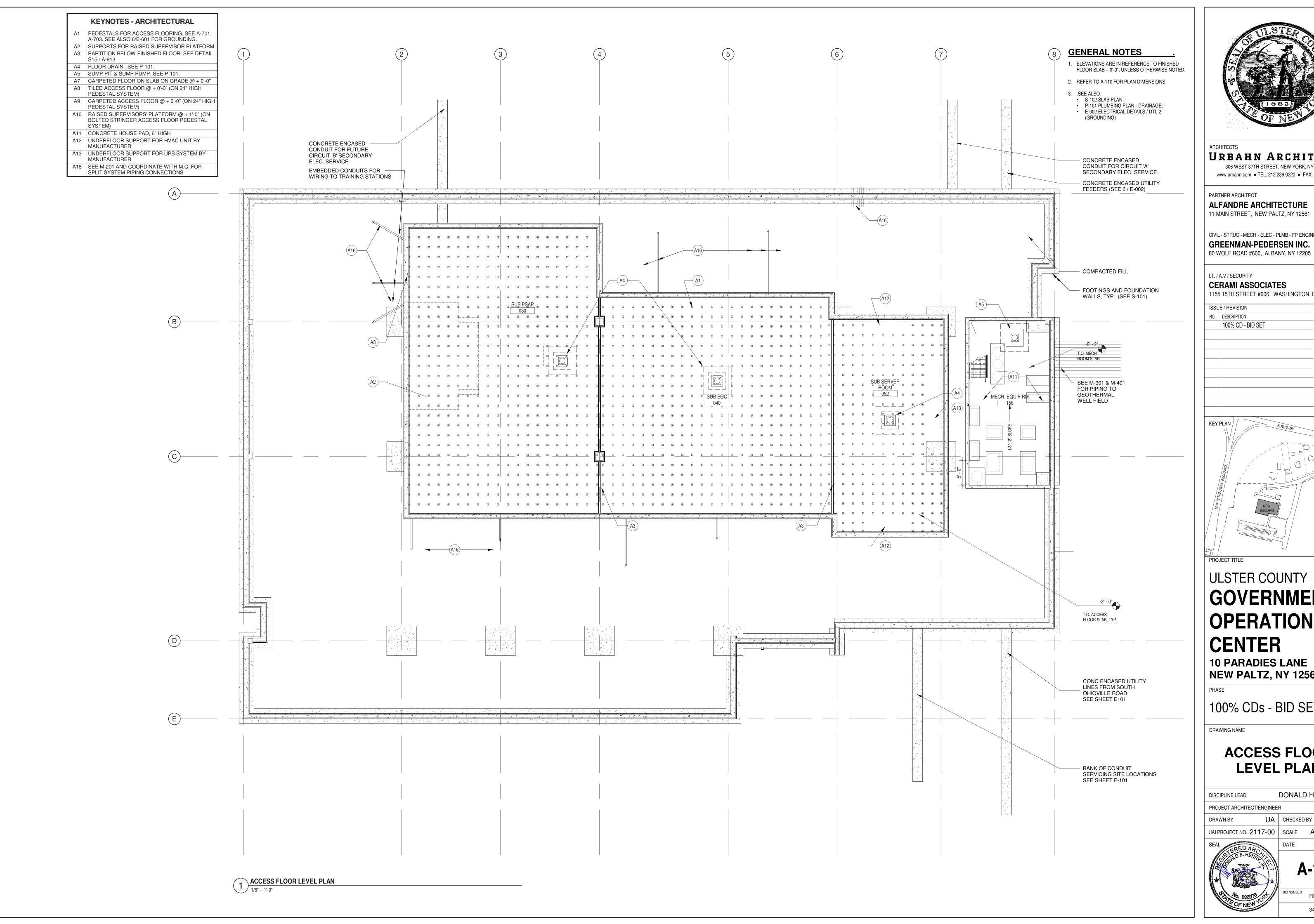
SITE PLAN DETAILS

DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER

UA | CHECKED BY C YOUNG

> 12/20/2024 A-061

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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC.

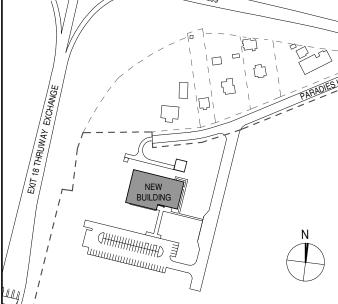
I.T. / A.V / SECURITY

CERAMI ASSOCIATES 1155 15TH STREET #606, WASHINGTON, DC 20005

NO. DESCRIPTION

100% CD - BID SET 20 DEC 2024

KEY PLAN /



ULSTER COUNTY

GOVERNMENT **OPERATIONS**

CENTER 10 PARADIES LANE

NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

ACCESS FLOOR LEVEL PLAN

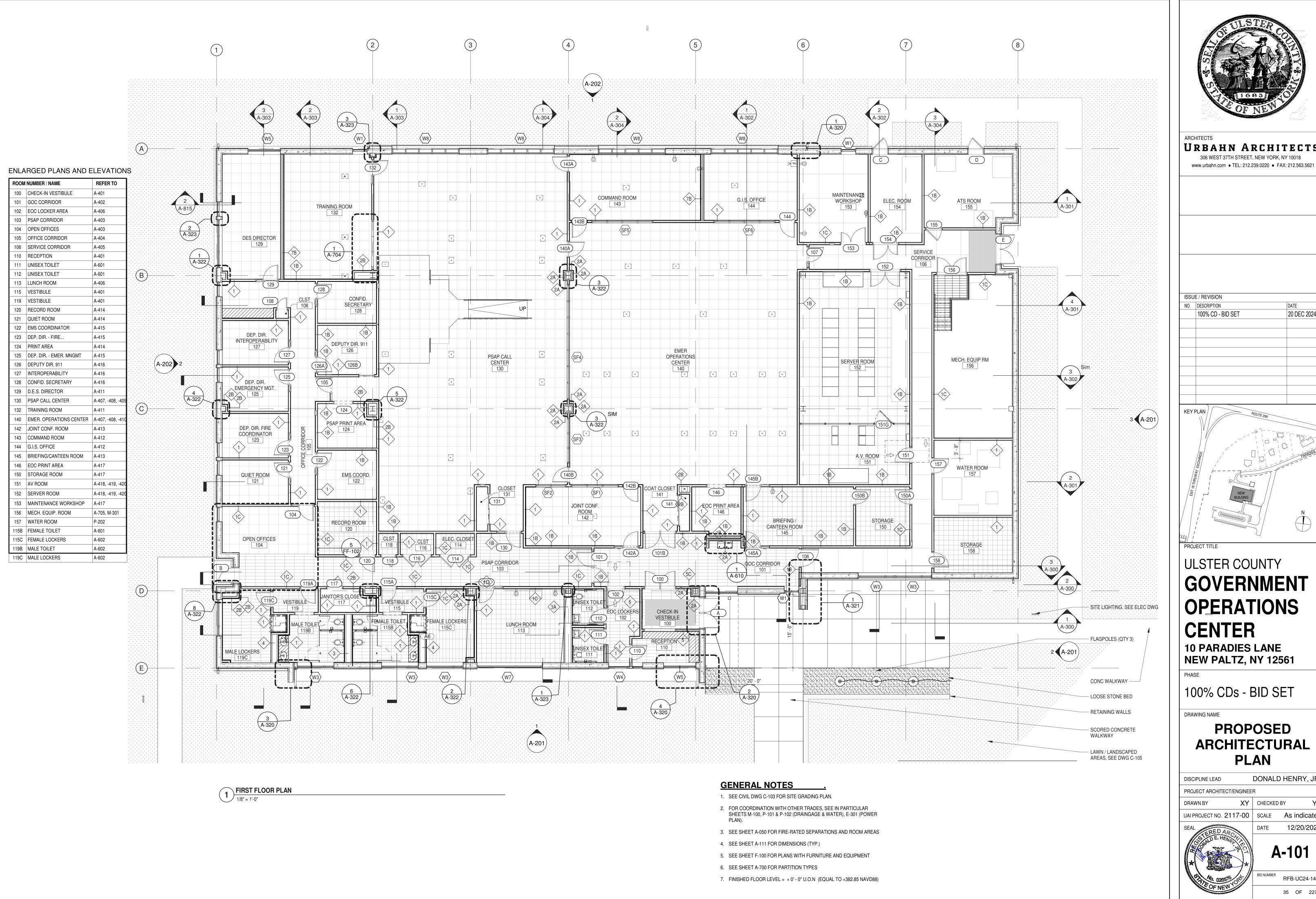
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UA | CHECKED BY C YOUNG UAI PROJECT NO. 2117-00 | SCALE | As indicated



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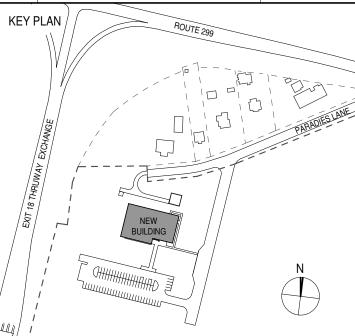




URBAHN ARCHITECTS 306 WEST 37TH STREET, NEW YORK, NY 10018

ISSUE / REVISION NO. DESCRIPTION 100% CD - BID SET

20 DEC 2024



ULSTER COUNTY

GOVERNMENT **OPERATIONS**

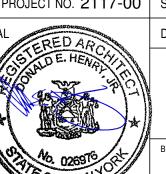
10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

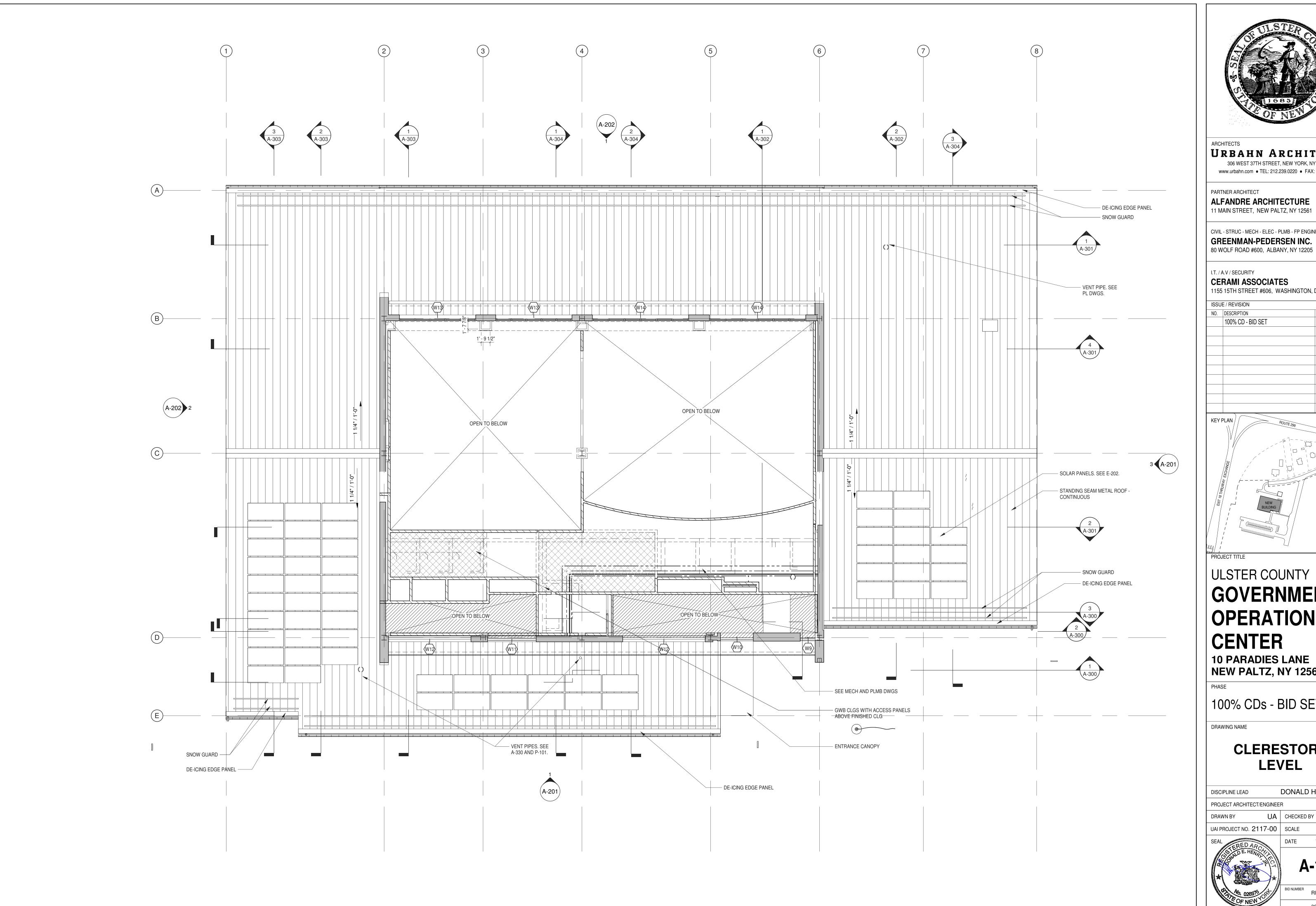
PROPOSED ARCHITECTURAL PLAN

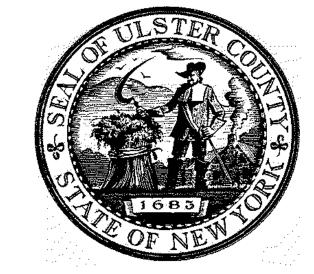
DONALD HENRY, JR. PROJECT ARCHITECT/ENGINEER XY CHECKED BY DRAWN BY 12/20/2024



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URBAHN ARCHITECTS

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PARTNER ARCHITECT ALFANDRE ARCHITECTURE

11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC.

I.T. / A.V / SECURITY

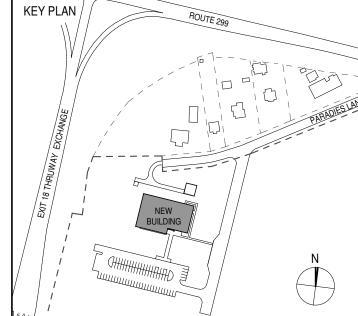
CERAMI ASSOCIATES 1155 15TH STREET #606, WASHINGTON, DC 20005

NO. DESCRIPTION

ISSUE / REVISION

100% CD - BID SET

20 DEC 2024



ULSTER COUNTY

GOVERNMENT **OPERATIONS** CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

CLERESTORY LEVEL

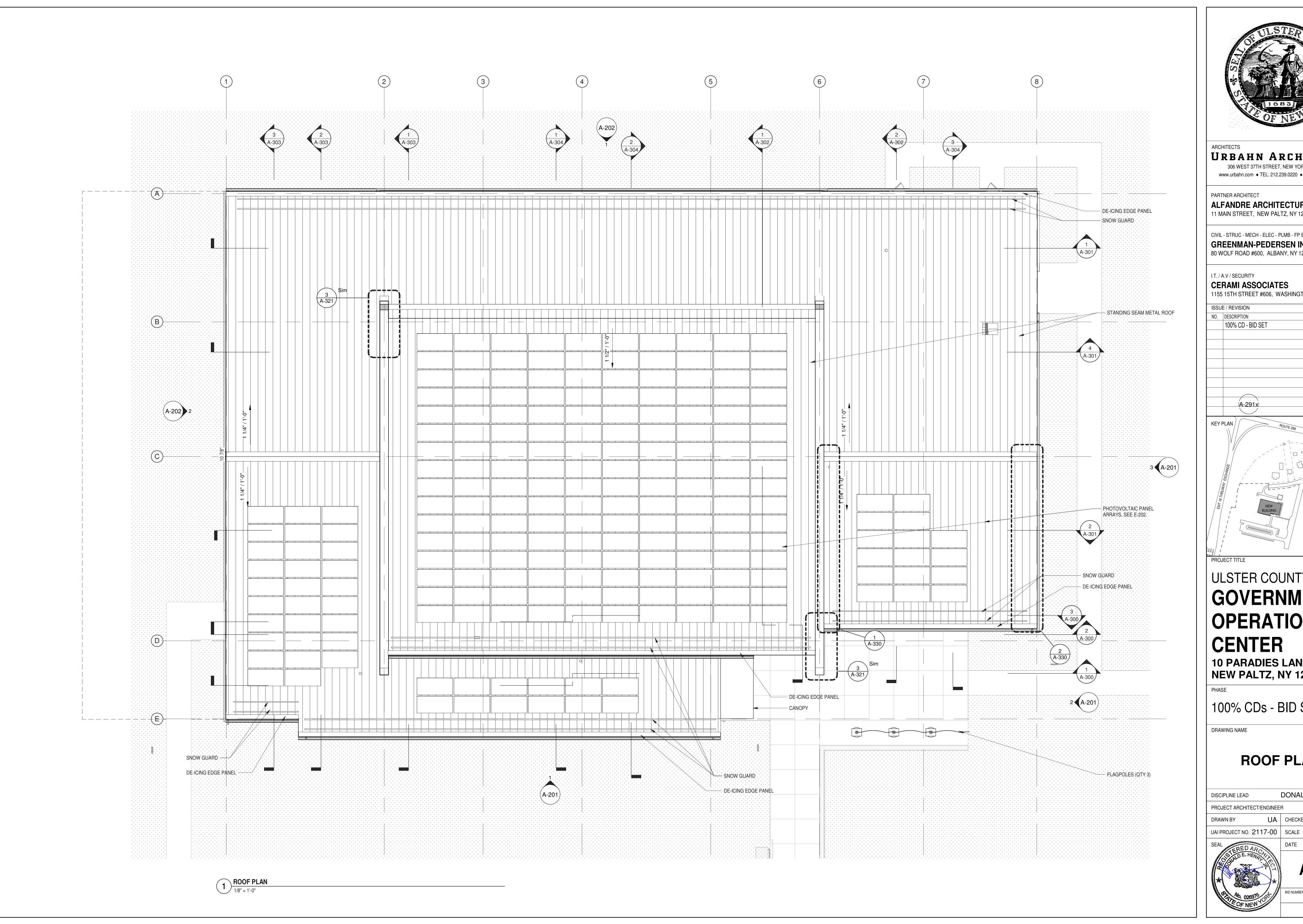
DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER UA CHECKED BY C YOUNG UAI PROJECT NO. 2117-00 | SCALE 1/8" = 1'-0"

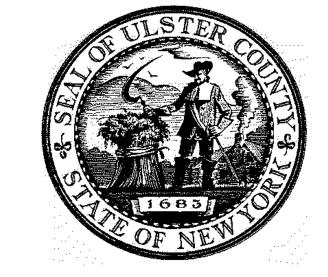


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ALFANDRE ARCHITECTURE

11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY CERAMI ASSOCIATES

1155 15TH STREET #606, WASHINGTON, DC 20005

20 DEC 2024

NO. DESCRIPTION

100% CD - BID SET

ULSTER COUNTY

GOVERNMENT **OPERATIONS**

CENTER 10 PARADIES LANE

NEW PALTZ, NY 12561

100% CDs - BID SET

ROOF PLAN

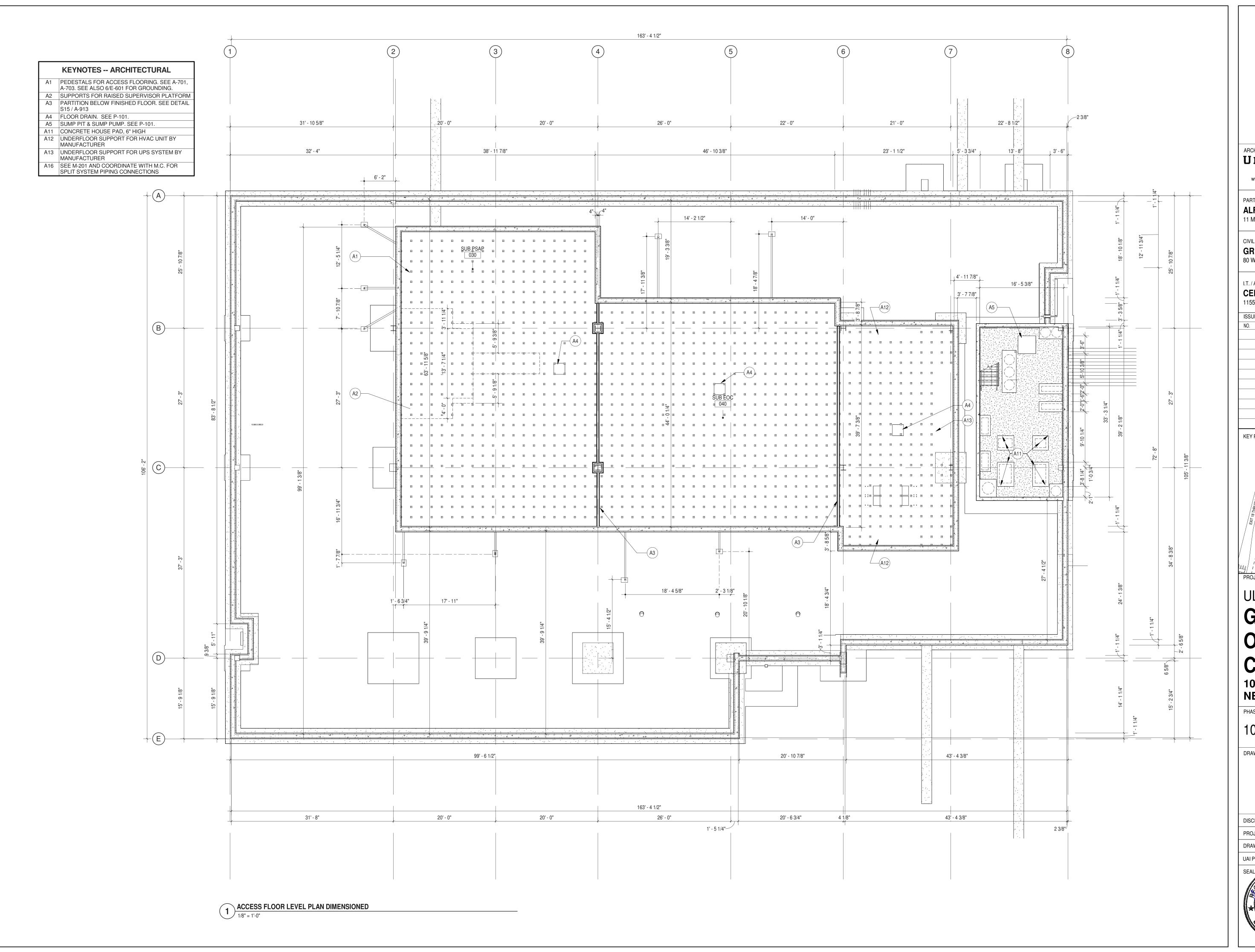
DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER

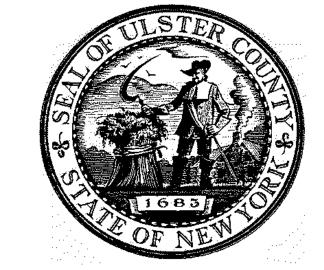
UA CHECKED BY C YOUNG 1/8" = 1'-0" 12/20/2024



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RFB-UC24-148C 37 OF 227





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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY

CERAMI ASSOCIATES

1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION

NO. DESCRIPTION

20 DEC 2024 100% CD - BID SET

KEY PLAN /

ULSTER COUNTY

GOVERNMENT **OPERATIONS**

CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

ACCESS FLOOR LEVEL PLAN DIMENSIONED

DONALD HENRY, JR. DISCIPLINE LEAD

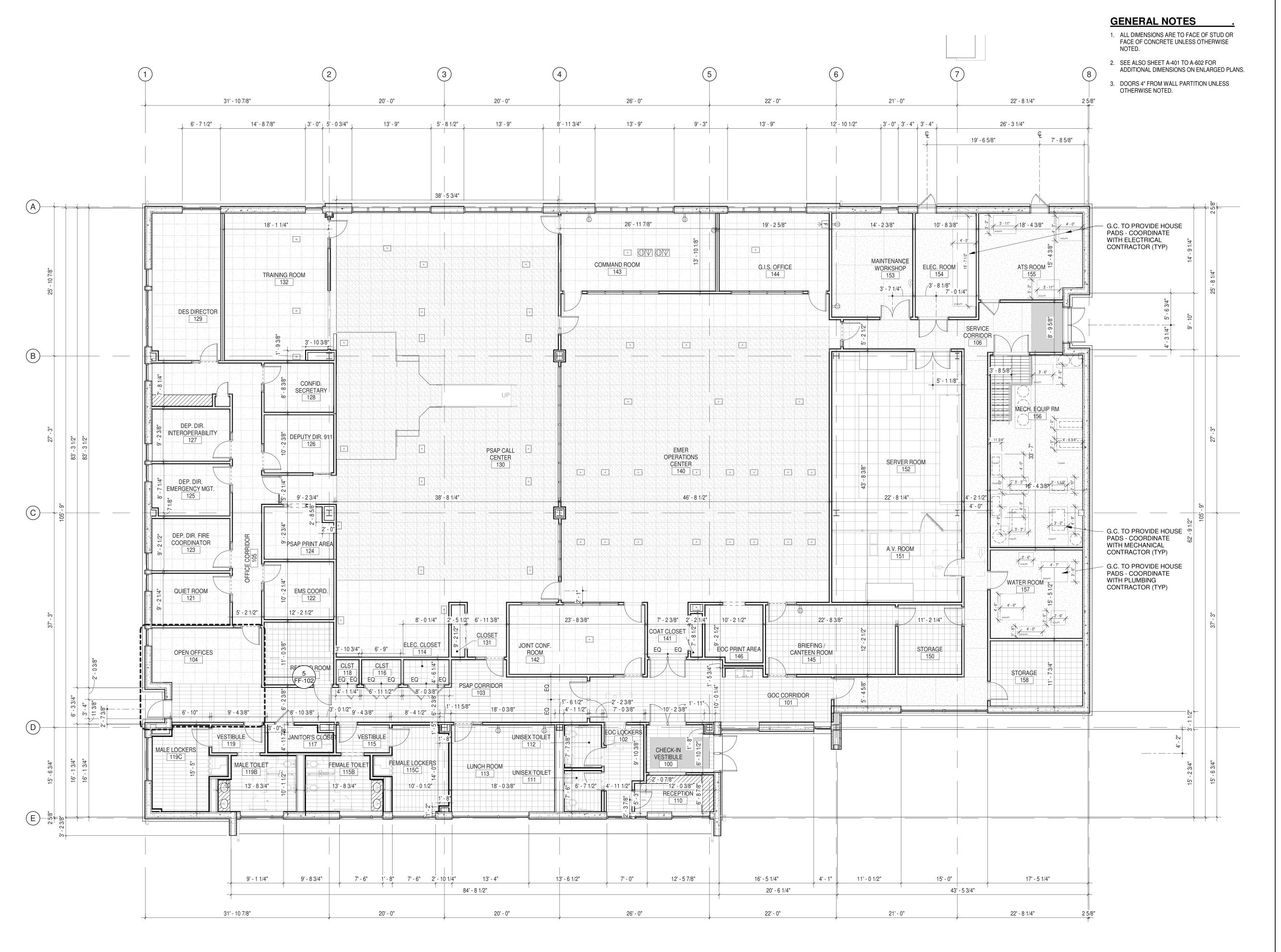
PROJECT ARCHITECT/ENGINEER

UA CHECKED BY C YOUNG UAI PROJECT NO. 2117-00 | SCALE 1/8" = 1'-0"

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12/20/2024

RFB-UC24-148C 38 OF 227





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ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY

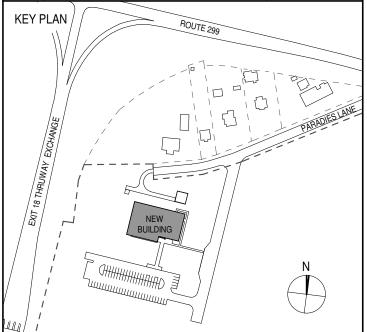
CERAMI ASSOCIATES

1155 15TH STREET #606, WASHINGTON, DC 20005 ISSUE / REVISION

NO. DESCRIPTION

100% CD - BID SET

20 DEC 2024



ULSTER COUNTY

GOVERNMENT **OPERATIONS**

CENTER 10 PARADIES LANE

NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

PROPOSED ARCHITECTURAL PLAN DIMENSIONED

DONALD HENRY, JR DISCIPLINE LEAD

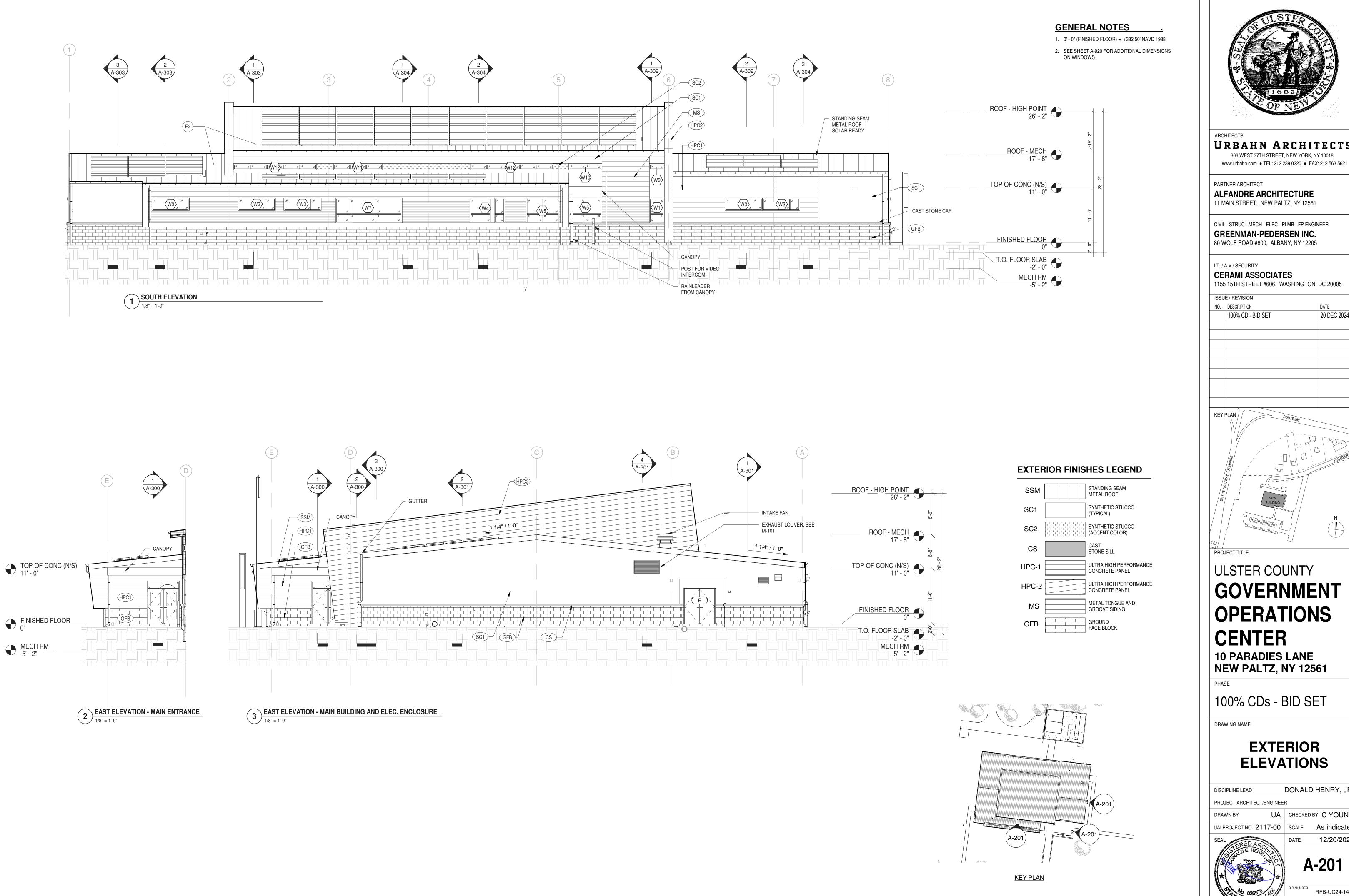
PROJECT ARCHITECT/ENGINEER

UA CHECKED BY C YOUNG UAI PROJECT NO. 2117-00 | SCALE | As indicated 12/20/2024



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RFB-UC24-148C 39 OF 227





URBAHN ARCHITECTS 306 WEST 37TH STREET, NEW YORK, NY 10018

ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

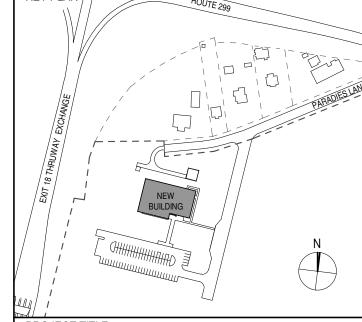
CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY CERAMI ASSOCIATES 1155 15TH STREET #606, WASHINGTON, DC 20005

NO. DESCRIPTION 100% CD - BID SET

20 DEC 2024

KEY PLAN /



ULSTER COUNTY

GOVERNMENT **OPERATIONS**

CENTER **10 PARADIES LANE**

NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

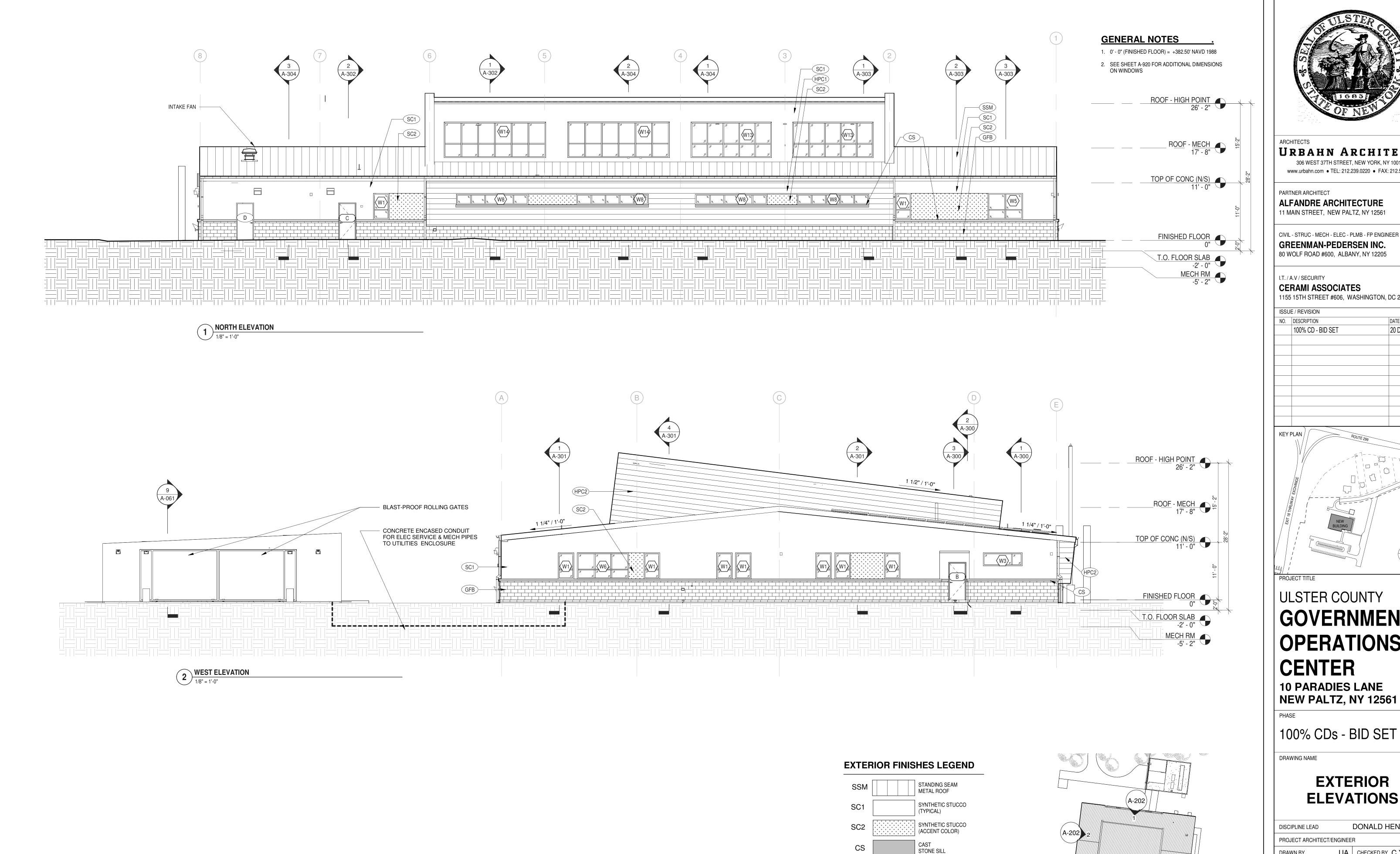
EXTERIOR ELEVATIONS

DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER UA CHECKED BY C YOUNG DRAWN BY UAI PROJECT NO. 2117-00 | SCALE | As indicated 12/20/2024



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RFB-UC24-148C 40 OF 227





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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

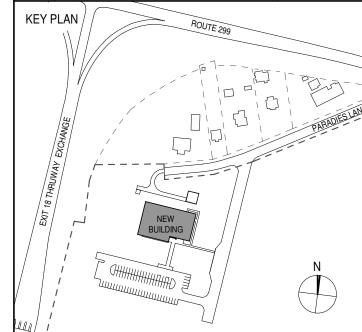
I.T. / A.V / SECURITY

CERAMI ASSOCIATES 1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION NO. DESCRIPTION

100% CD - BID SET

20 DEC 2024



ULSTER COUNTY

GOVERNMENT **OPERATIONS**

CENTER **10 PARADIES LANE**

100% CDs - BID SET

DRAWING NAME

KEY PLAN

ULTRA HIGH PERFORMANCE

ULTRA HIGH PERFORMANCE

CONCRETE PANEL

CONCRETE PANEL

METAL TONGUE AND GROOVE SIDING

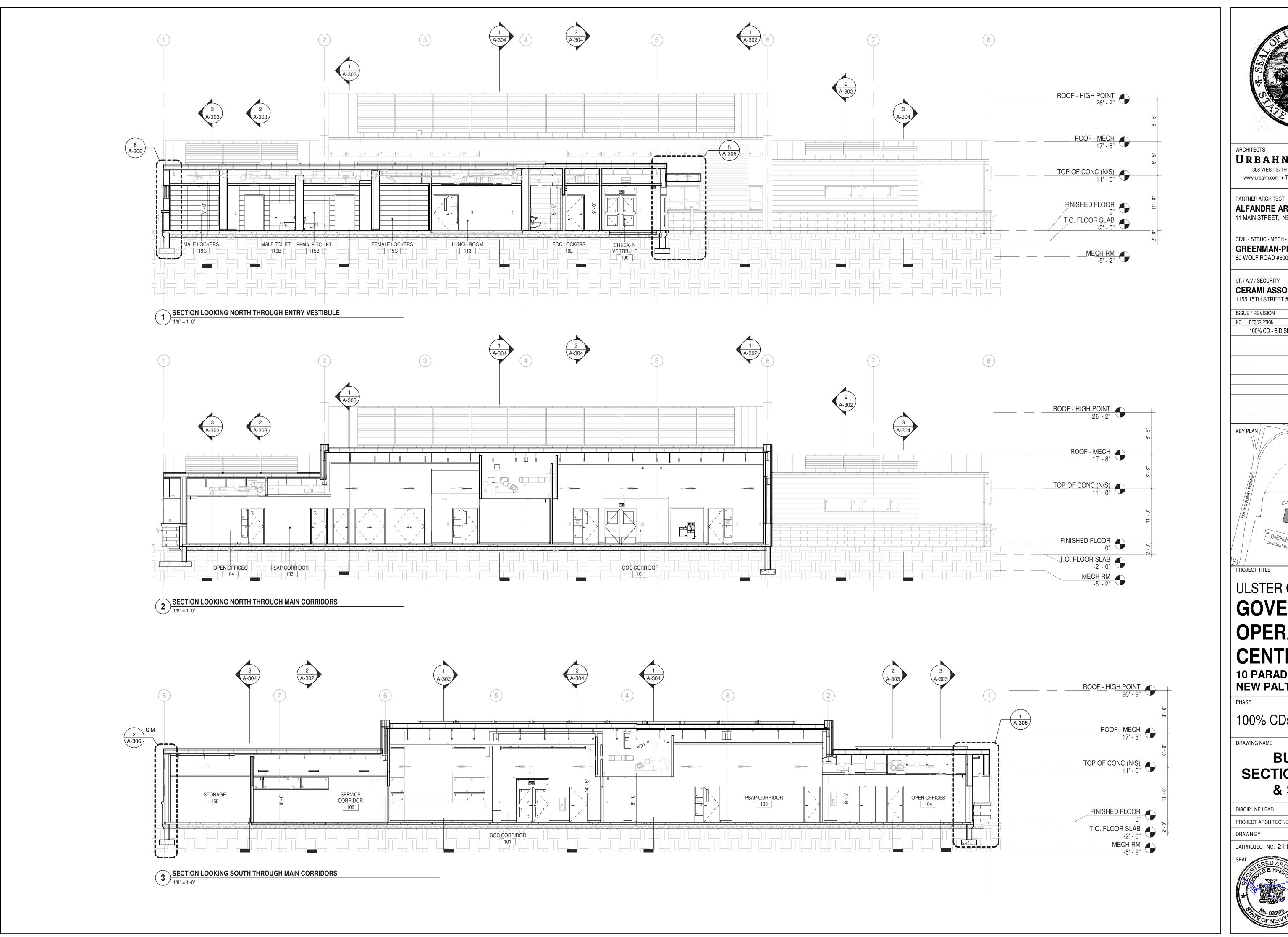
GROUND FACE BLOCK

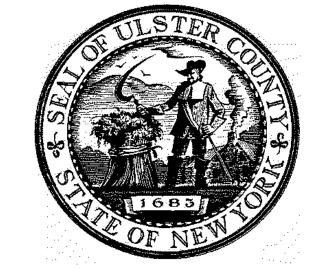
EXTERIOR ELEVATIONS

DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER UA | CHECKED BY C YOUNG DRAWN BY UAI PROJECT NO. 2117-00 | SCALE | As indicated 12/20/2024

A-202

RFB-UC24-148C 41 OF 227





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ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY

CERAMI ASSOCIATES 1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION NO. DESCRIPTION

100% CD - BID SET

20 DEC 2024

KEY PLAN /

ULSTER COUNTY

GOVERNMENT **OPERATIONS** CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

BUILDING **SECTIONS (NORTH** & SOUTH)

DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER UA CHECKED BY C YOUNG

UAI PROJECT NO. 2117-00 | SCALE

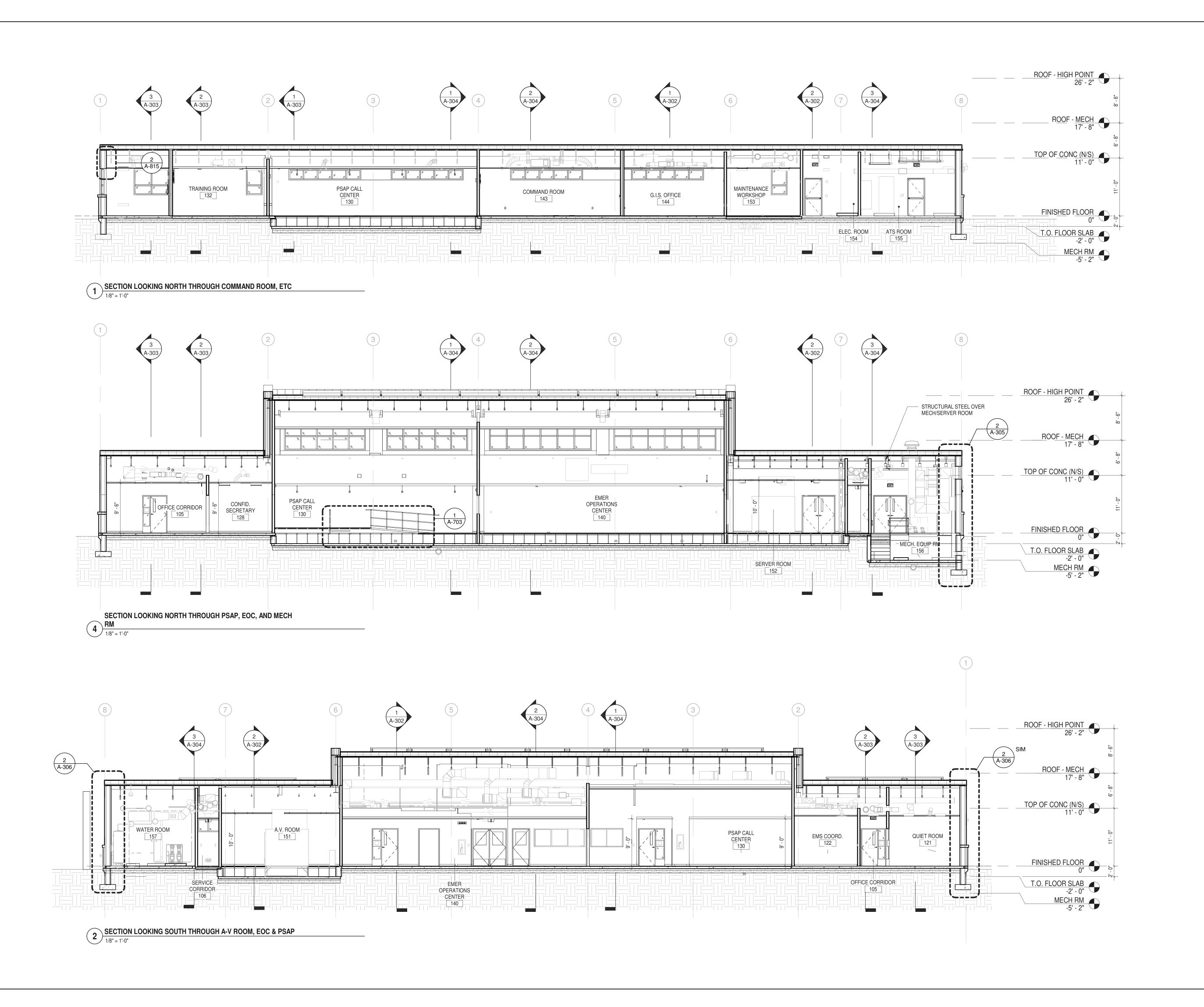


A-300

1/8" = 1'-0"

12/20/2024

RFB-UC24-148C 42 OF 227





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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY CERAMI ASSOCIATES

1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION NO. DESCRIPTION

100% CD - BID SET

20 DEC 2024

KEY PLAN /

ULSTER COUNTY

GOVERNMENT **OPERATIONS** CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

BUILDING **SECTIONS (NORTH** & SOUTH)

DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER

UA CHECKED BY C YOUNG UAI PROJECT NO. 2117-00 | SCALE

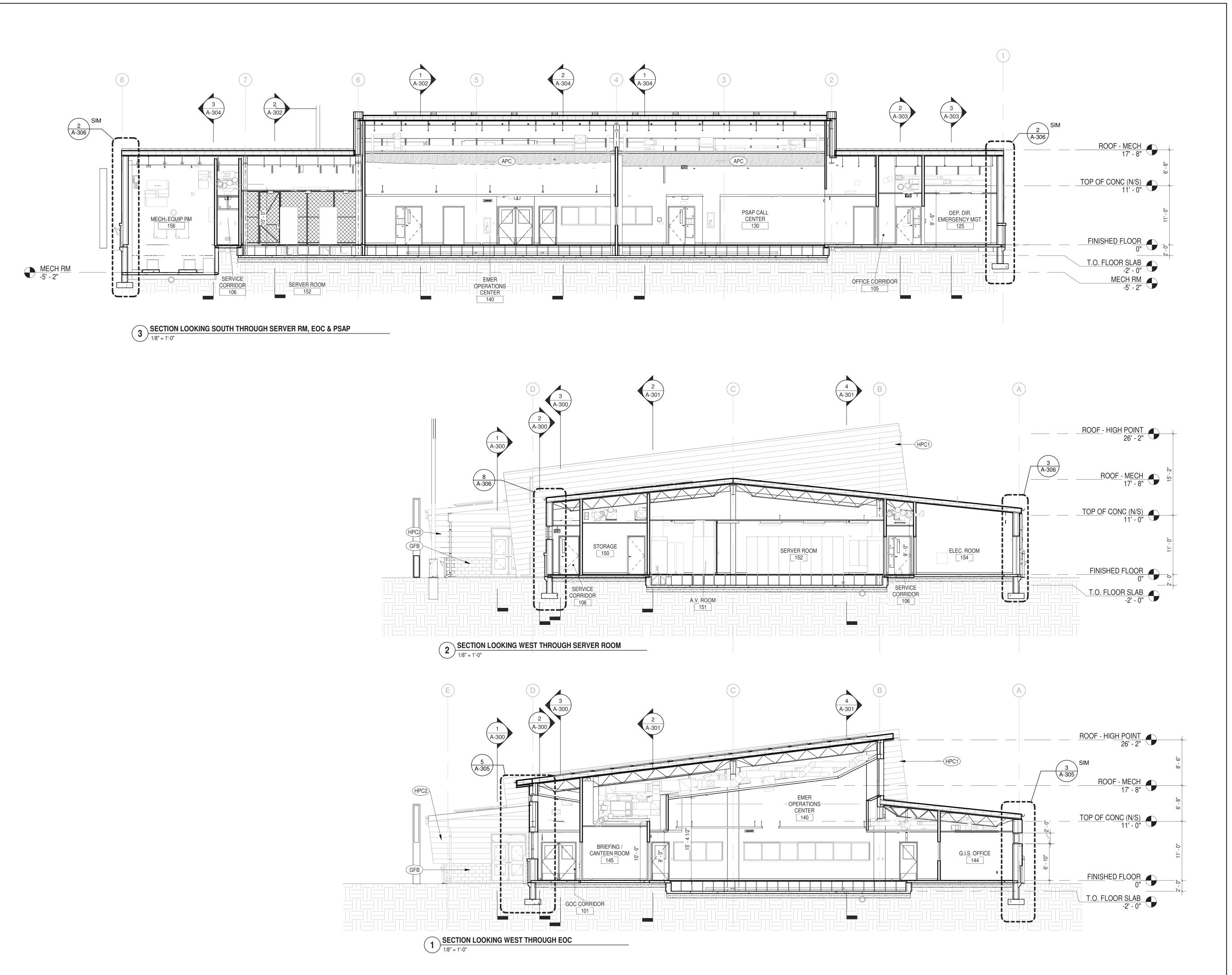


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1/8" = 1'-0"

12/20/2024





ARCHITEC

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306 WEST 37TH STREET, NEW YORK, NY 10018

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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE

11 MAIN STREET, NEW PALTZ, NY 12561

GREENMAN-PEDERSEN INC.
80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY

CERAMI ASSOCIATES

1155 15TH STREET #606, WASHINGTON, DC 20005
ISSUE / REVISION

NO. DESCRIPTION

100% CD - BID SET

BID SET 20 DEC 2024

KEY PLAN

ROUTE 2999

NEW BUILDING

ROJECT TITLE

ULSTER COUNTY

GOVERNMENT OPERATIONS CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

PHASE

100% CDs - BID SET

DRAWING NAME

BUILDING SECTIONS (WEST)

DISCIPLINE LEAD

PROJECT ARCHITECT/ENGINEER

DRAWN BY

UA

CHECKED BY

C YOUNG

UAI PROJECT NO. 2117-00

SCALE

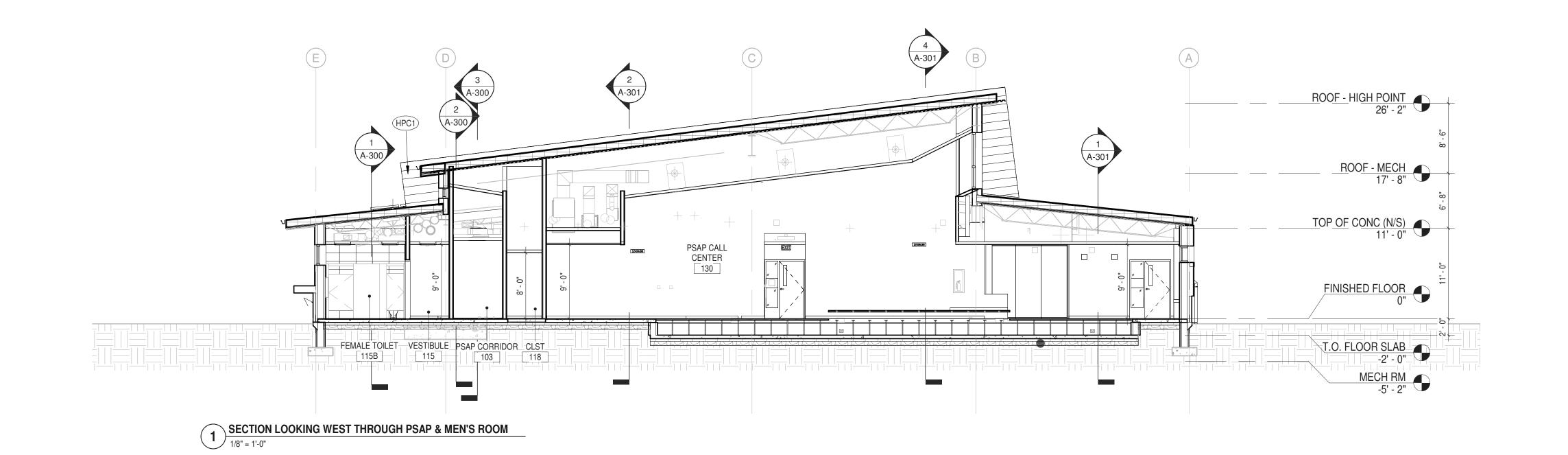
1/8" = 1'-0"

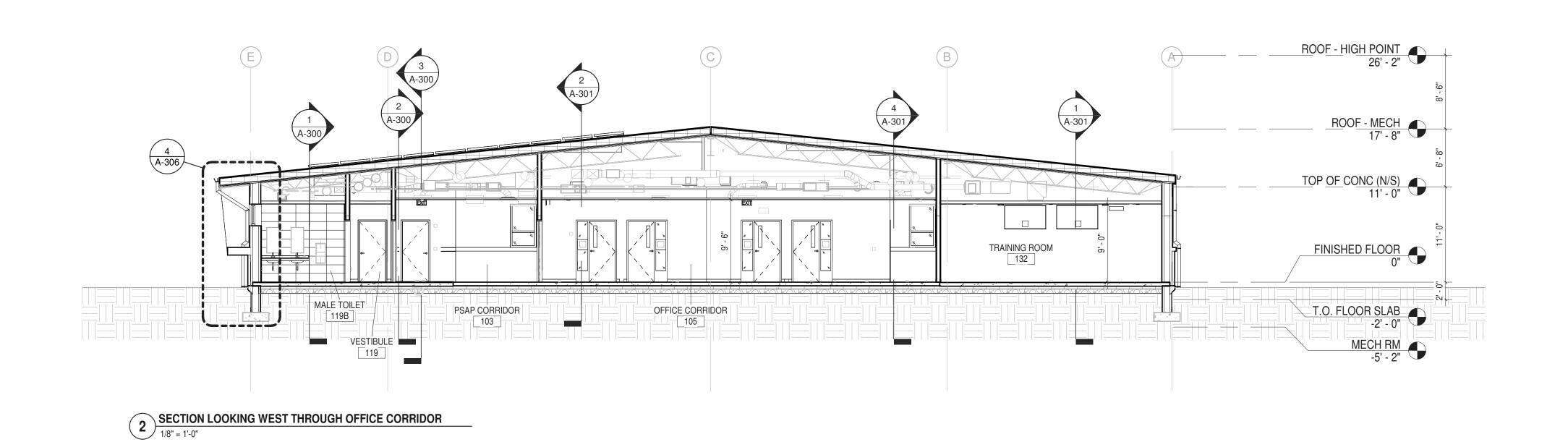


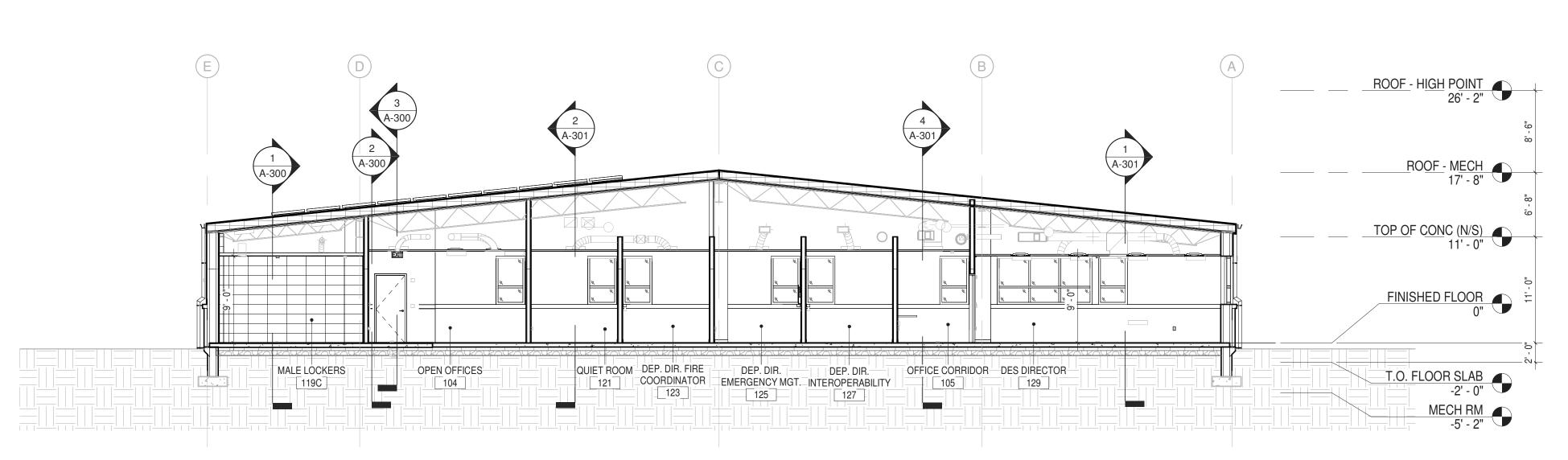
A-302

12/20/2024

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SECTION LOOKING WEST THROUGH PRIVATE OFFICES

1/8" = 1'-0"



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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY

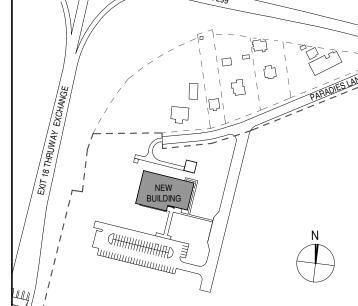
CERAMI ASSOCIATES 1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION NO. DESCRIPTION

100% CD - BID SET

20 DEC 2024

KEY PLAN /



ULSTER COUNTY

GOVERNMENT **OPERATIONS**

NEW PALTZ, NY 12561

CENTER 10 PARADIES LANE

100% CDs - BID SET

DRAWING NAME

BUILDING SECTIONS (WEST)

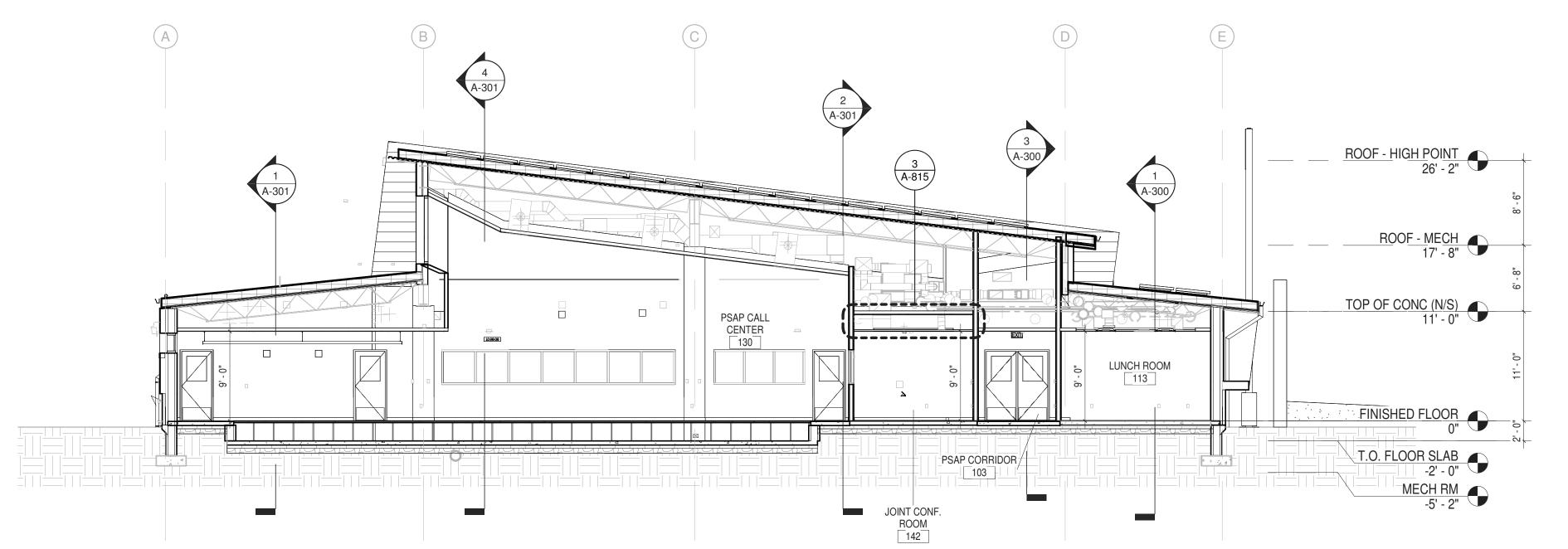
DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER

UAI PROJECT NO. 2117-00 | SCALE

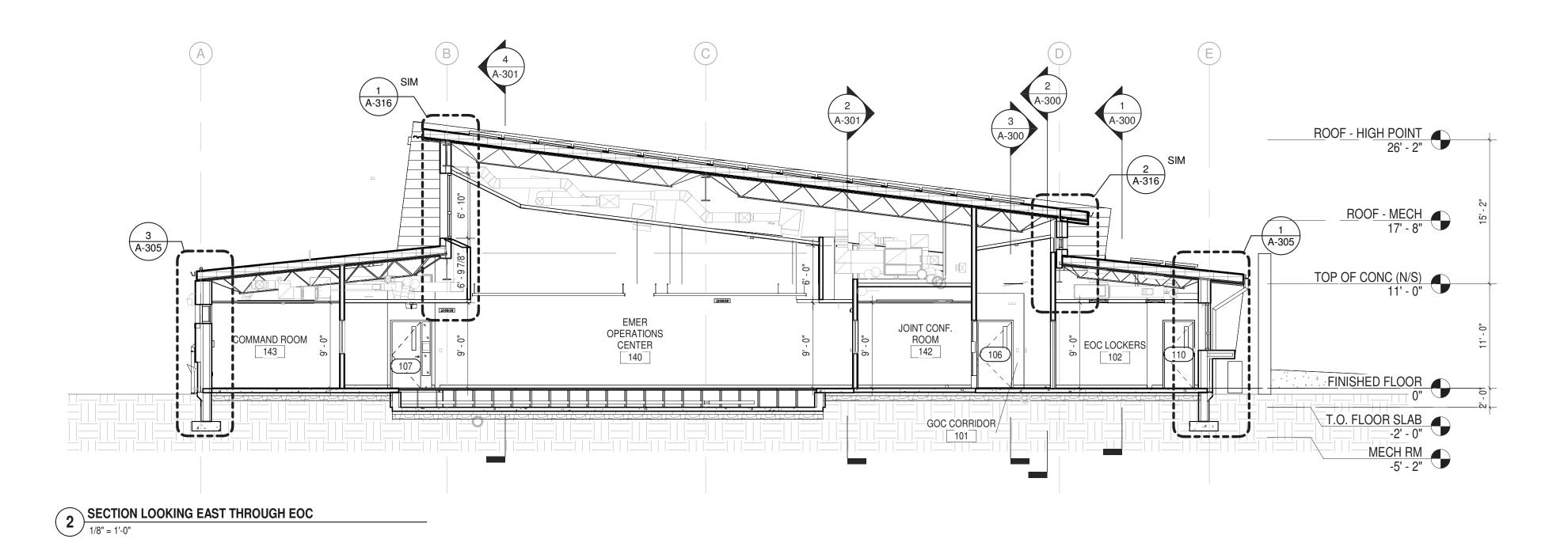
UA CHECKED BY C YOUNG 1/8" = 1'-0" 12/20/2024

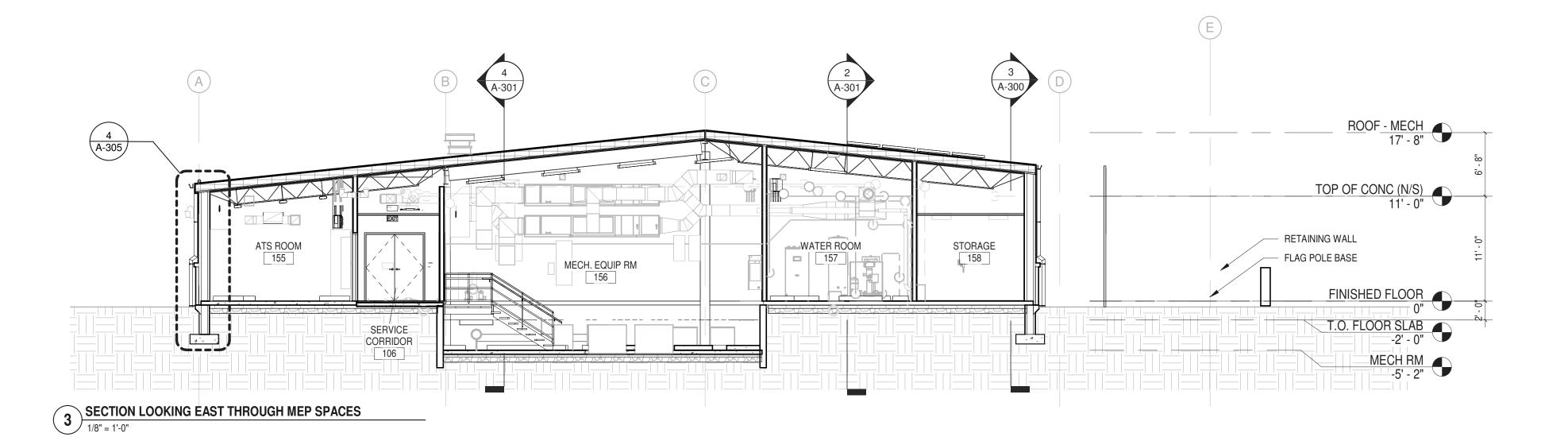
A-303

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SECTION LOOKING EAST THROUGH PSAP & LUNCH ROOM 1/8" = 1'-0"







URBAHN ARCHITECTS 306 WEST 37TH STREET, NEW YORK, NY 10018

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PARTNER ARCHITECT ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

1155 15TH STREET #606, WASHINGTON, DC 20005

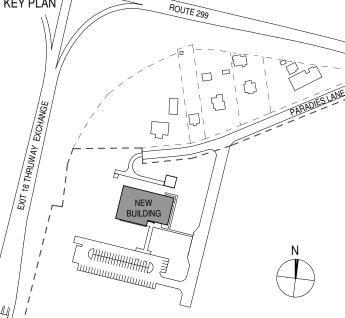
I.T. / A.V / SECURITY CERAMI ASSOCIATES

ISSUE / REVISION

NO. DESCRIPTION

100% CD - BID SET 20 DEC 2024

KEY PLAN /



ULSTER COUNTY

GOVERNMENT **OPERATIONS**

NEW PALTZ, NY 12561

CENTER 10 PARADIES LANE

100% CDs - BID SET

DRAWING NAME

BUILDING SECTIONS (EAST)

DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER UA CHECKED BY C YOUNG

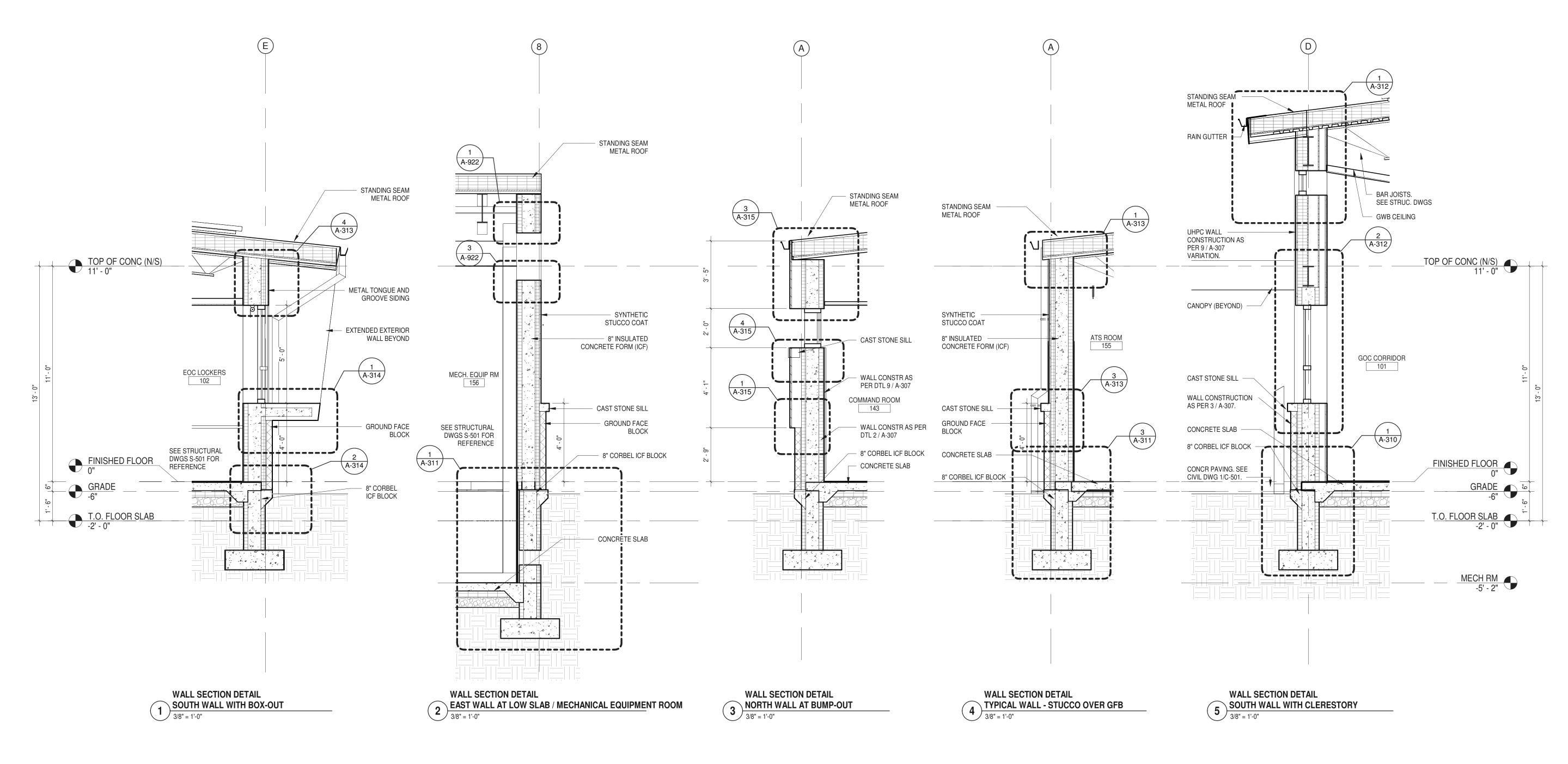
1/8" = 1'-0"

12/20/2024

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UAI PROJECT NO. 2117-00 | SCALE





NOTE:
SEE STRUCTURAL DWGS-S-501 FOR ADD'L FOUNDATION DETAIL.



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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE
11 MAIN STREET, NEW PALTZ, NY 12561

GREENMAN-PEDERSEN INC.
80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY

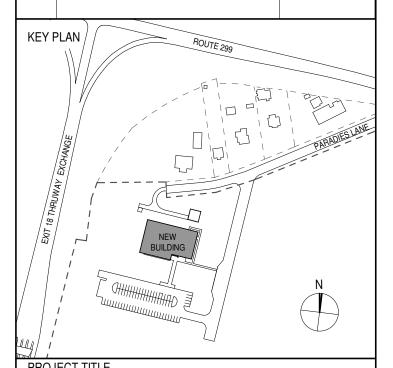
CERAMI ASSOCIATES

1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION

 NO.
 DESCRIPTION
 DATE

 100% CD - BID SET
 20 DEC 2024



ULSTER COUNTY

GOVERNMENT OPERATIONS CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

PHASE

| 100% CDs - BID SET

DRAWING NAME

EXTERIOR WALL SECTIONS

DONALD HENRY, JR.

PROJECT ARCHITECT/ENGINEER

DRAWN BY

UA

CHECKED BY

C YOUNG

UAI PROJECT NO. 2117-00

SCALE

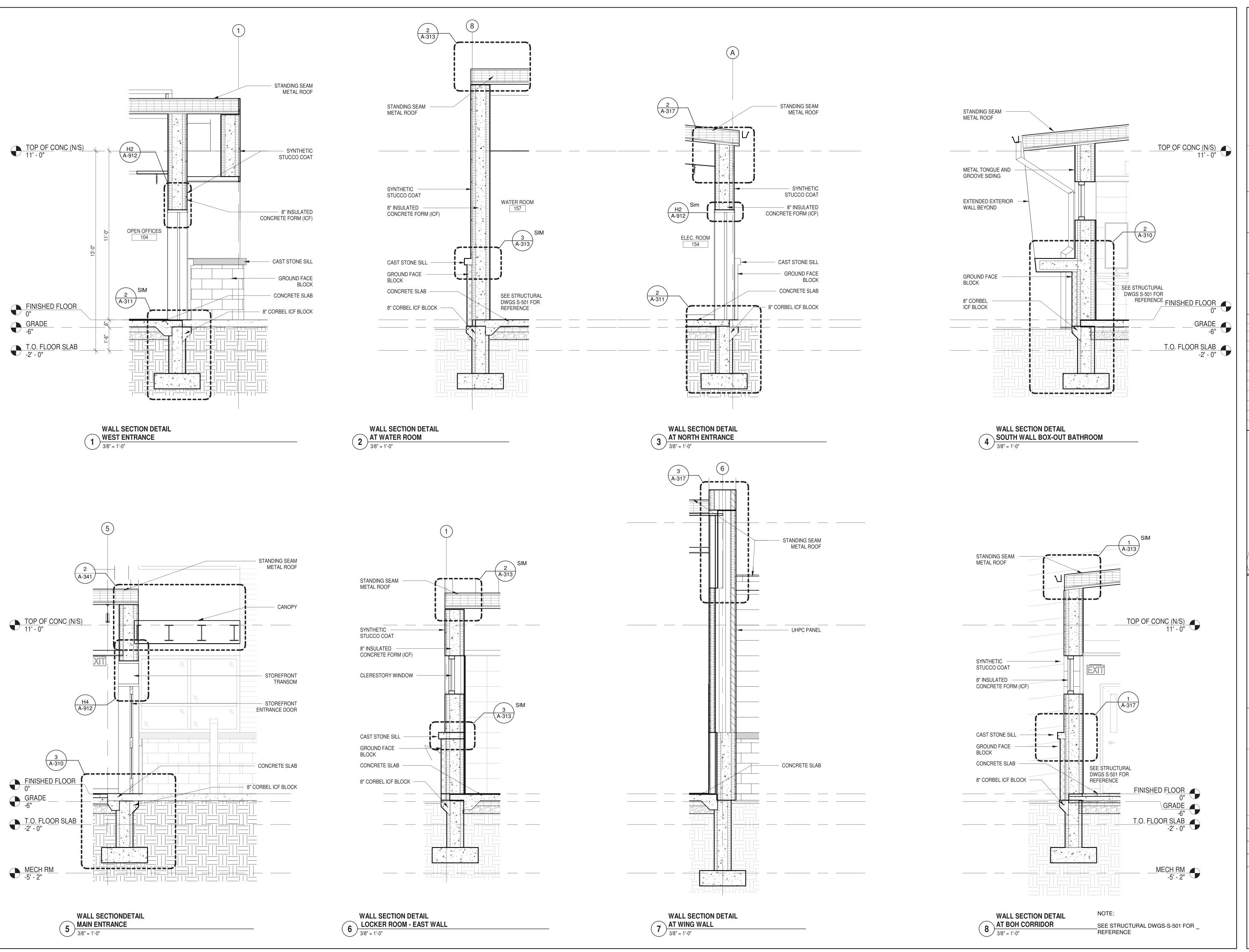
3/8" = 1'-0"



A-305

47 OF 227

12/20/2024





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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER

GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY CERAMI ASSOCIATES 1155 15TH STREET #606, WASHINGTON, DC 20005

20 DEC 2024

ISSUE / REVISION NO. DESCRIPTION 100% CD - BID SET

KEY PLAN /

ULSTER COUNTY

GOVERNMENT **OPERATIONS CENTER**

10 PARADIES LANE NEW PALTZ, NY 12561

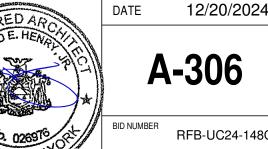
100% CDs - BID SET

DRAWING NAME

EXTERIOR WALL SECTIONS

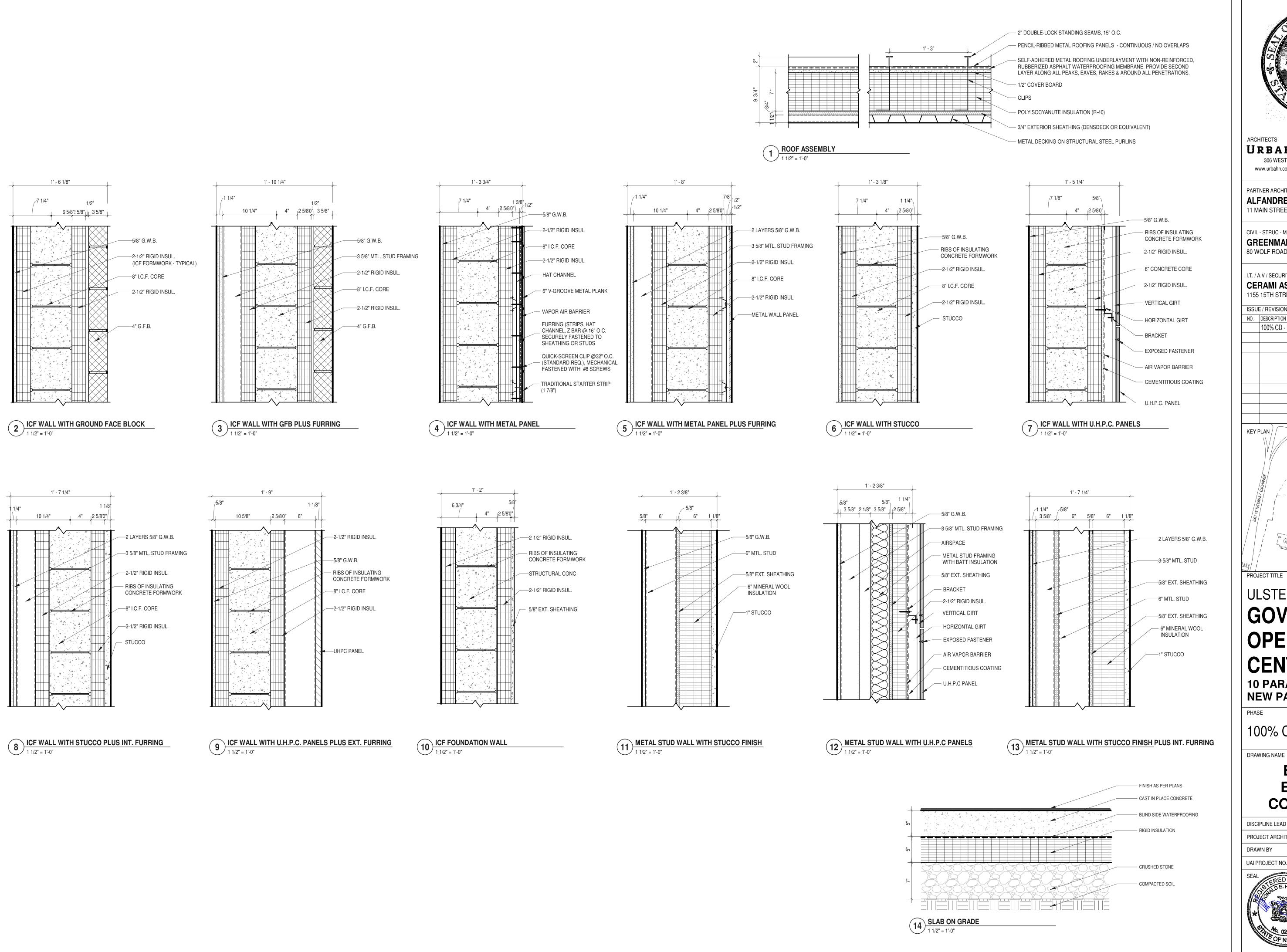
DONALD HENRY, JR DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER UA CHECKED BY C YOUNG

UAI PROJECT NO. 2117-00 SCALE



RFB-UC24-148C 48 OF 227

3/8" = 1'-0"





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ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER **GREENMAN-PEDERSEN INC.** 80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY

CERAMI ASSOCIATES 1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION NO. DESCRIPTION

100% CD - BID SET 20 DEC 2024

KEY PLAN / ROUTE 299

ULSTER COUNTY

GOVERNMENT **OPERATIONS**

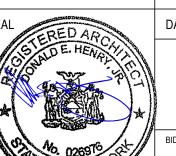
CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

EXTERIOR ENVELOPE COMPONENTS

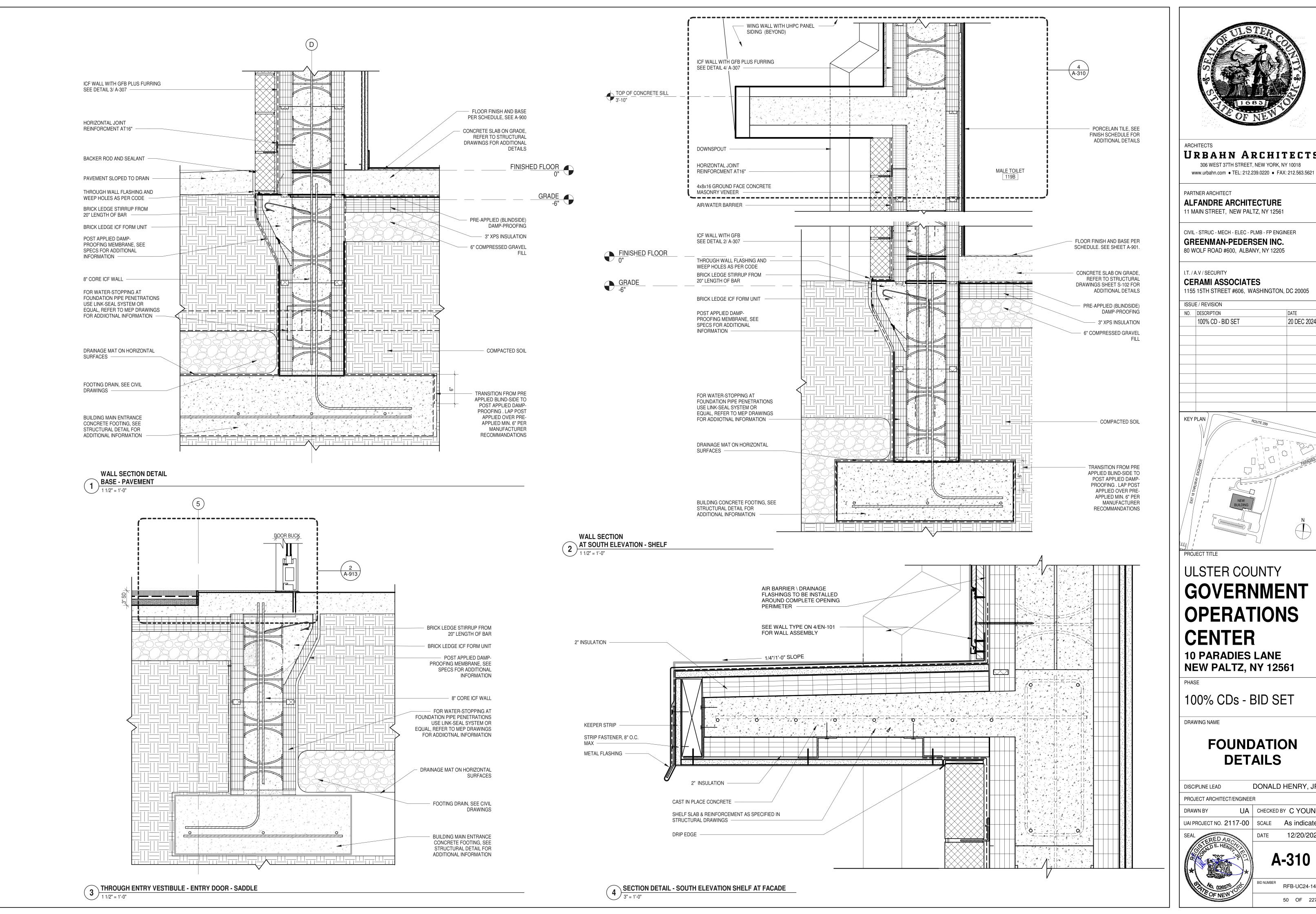
DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER Author | CHECKED BY C YOUNG UAI PROJECT NO. 2117-00 | SCALE | 1 1/2" = 1'-0"



A-307

12/20/2024

RFB-UC24-148C 49 OF 227





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ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC.

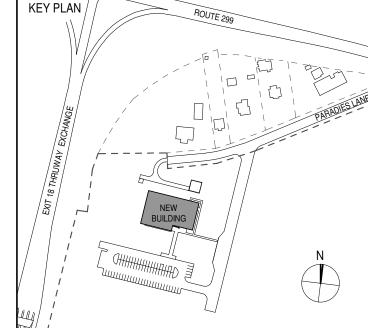
80 WOLF ROAD #600, ALBANY, NY 12205 I.T. / A.V / SECURITY

CERAMI ASSOCIATES

1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION NO. DESCRIPTION

100% CD - BID SET 20 DEC 2024



ULSTER COUNTY

GOVERNMENT **OPERATIONS CENTER**

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

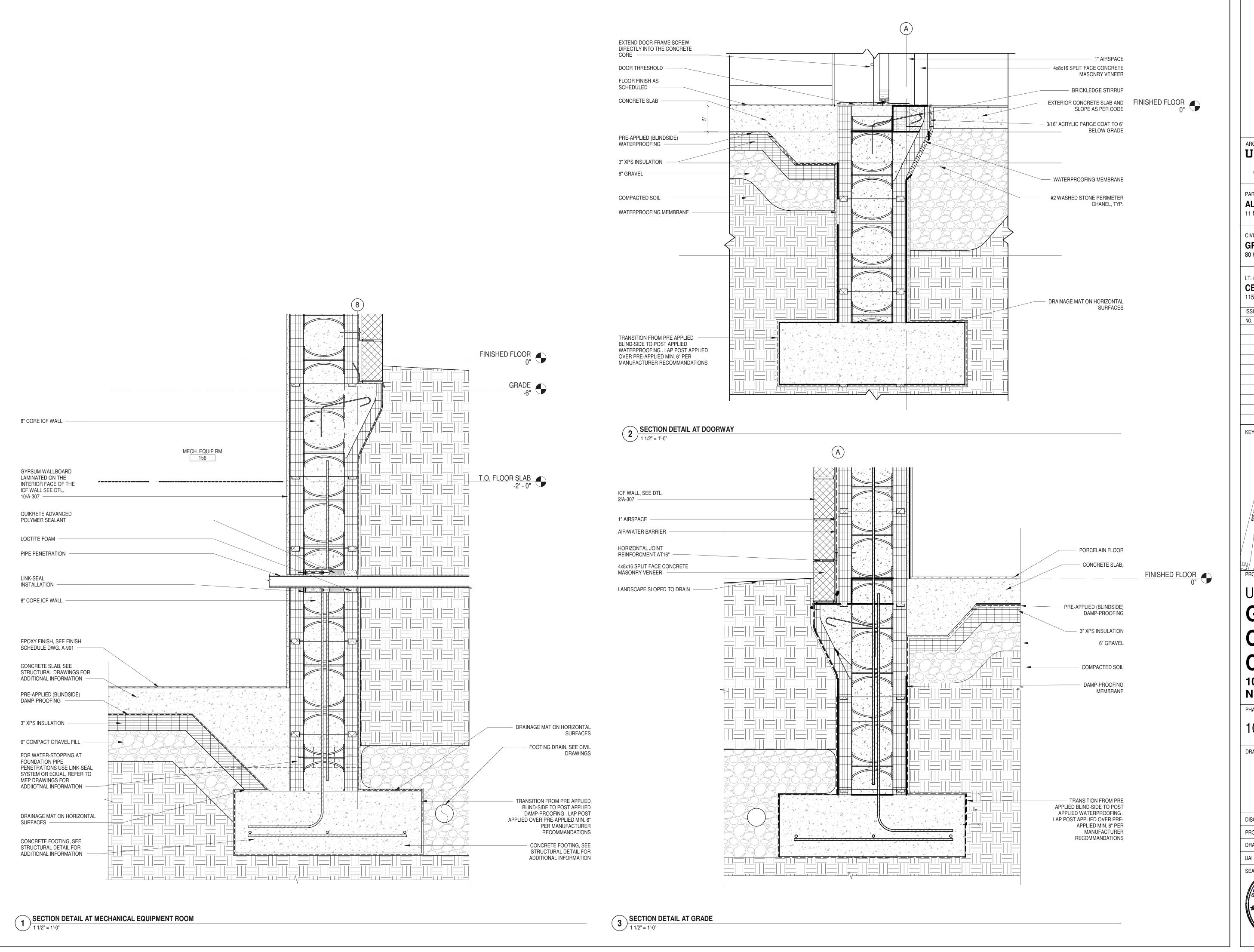
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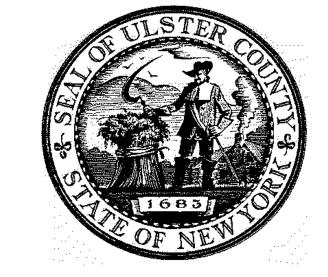
DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER UA | CHECKED BY C YOUNG DRAWN BY UAI PROJECT NO. 2117-00 | SCALE | As indicated 12/20/2024



A-310

RFB-UC24-148C 50 OF 227





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ALFANDRE ARCHITECTURE
11 MAIN STREET, NEW PALTZ, NY 12561

GREENMAN-PEDERSEN INC.
80 WOLF ROAD #600, ALBANY, NY 12205

I.T./A.V/SECURITY

CERAMI ASSOCIATES

1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION

NO. DESCRIPTION

KEY PLAN

ROUTE 2999

NEW BUILDING

DDO IECT TITLE

ULSTER COUNTY

GOVERNMENT OPERATIONS

CENTER
10 PARADIES LANE

NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

FOUNDATION DETAILS

DISCIPLINE LEAD DONALD HENRY, JR.

PROJECT ARCHITECT/ENGINEER

DRAWN BY UA CHECKED BY C YOUNG

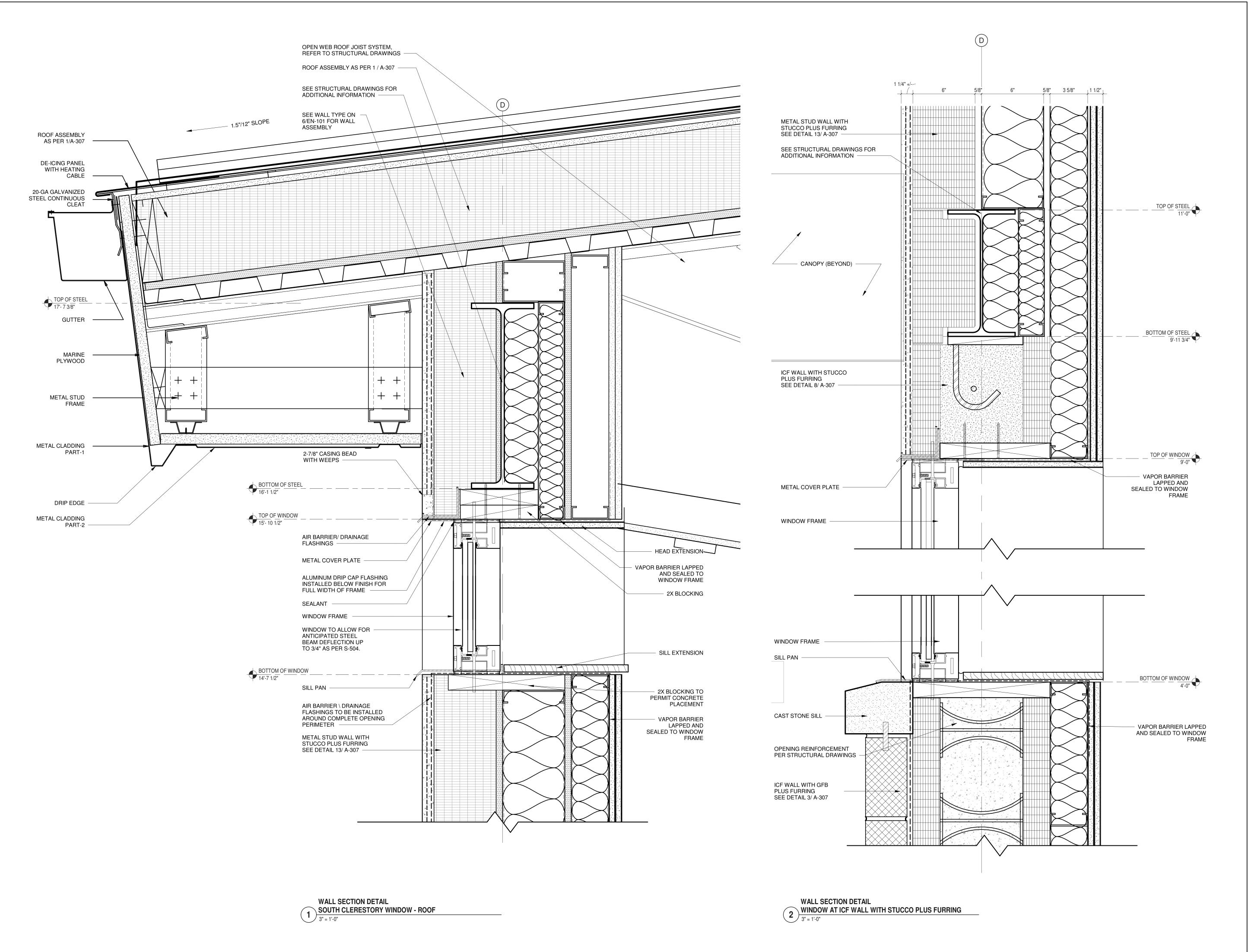
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UAI PROJECT NO. 2117-00 SCALE As indicated

SEAL DATE 12/20/2024

A-311

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ALFANDRE ARCHITECTURE

11 MAIN STREET, NEW PALTZ, NY 12561

GREENMAN-PEDERSEN INC.
80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY

CERAMI ASSOCIATES
1155 15TH STREET #606, WASH

1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION

NO. DESCRIPTION

1000/ CD. DID SET

100% CD - BID SET

20 DEC 2024

KEY PLAN

ROUTE 299

NEW BUILDING

PROJECT TITLE

ULSTER COUNTY

GOVERNMENT OPERATIONS CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

PHASE

100% CDs - BID SET

DRAWING NAME

EXTERIOR WALL DETAILS

DISCIPLINE LEAD

PROJECT ARCHITECT/ENGINEER

DRAWN BY

UA

CHECKED BY

C YOUNG

UAI PROJECT NO. 2117-00

SCALE

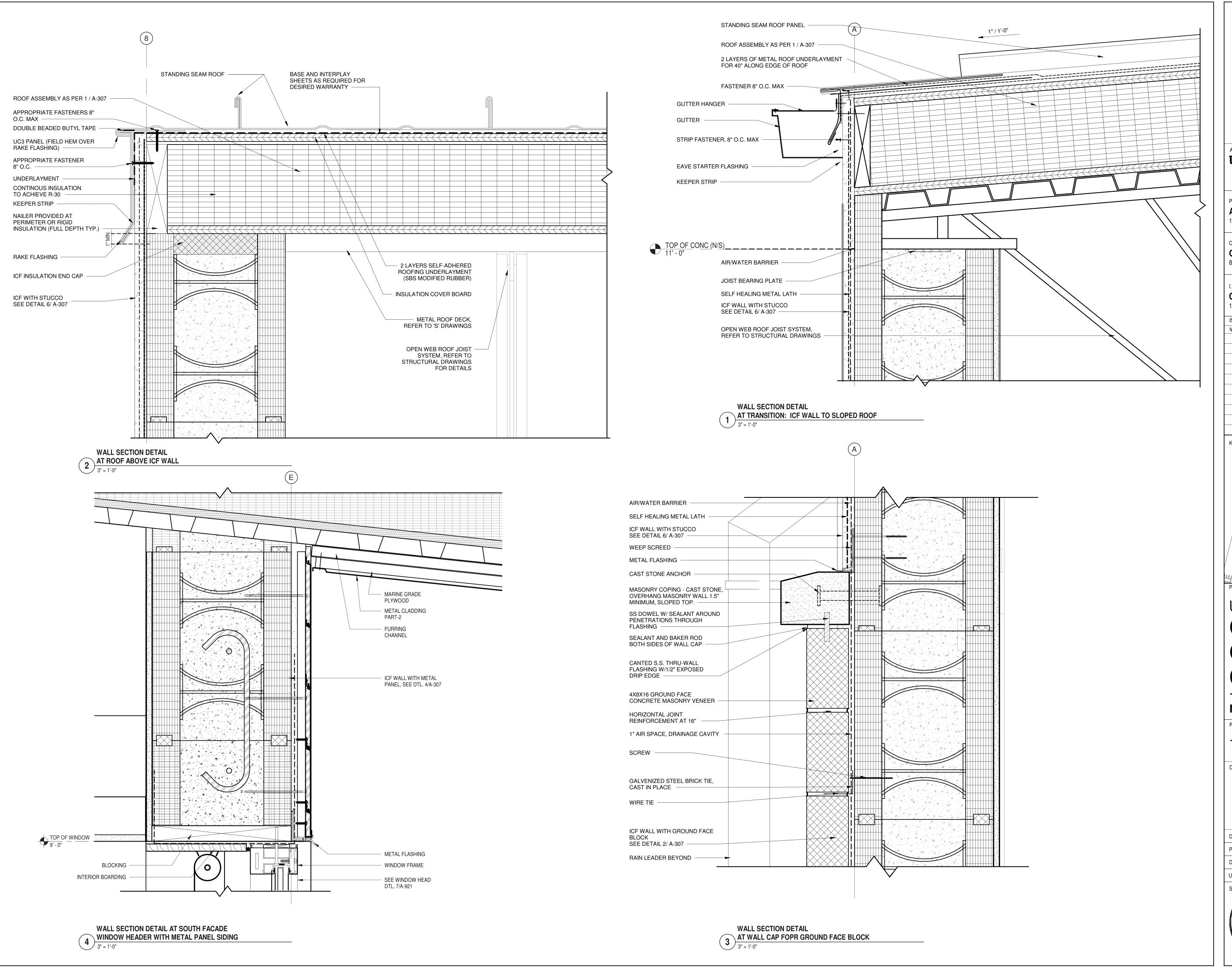
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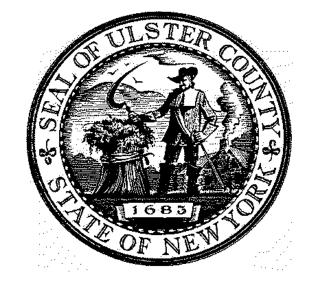


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GREENMAN-PEDERSEN INC.
80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY

CERAMI ASSOCIATES
1155 15TH STREET #606, WASHINGTON, DC 20005

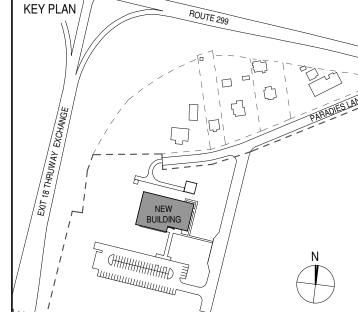
ISSUE / REVISION

NO. DESCRIPTION

DESCRIPTION

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PROJECT TITI

ULSTER COUNTY

GOVERNMENT OPERATIONS CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

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EXTERIOR WALL DETAILS

DISCIPLINE LEAD

PROJECT ARCHITECT/ENGINEER

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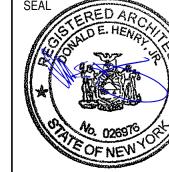
SCALE

3" = 1'-0"

SEAL

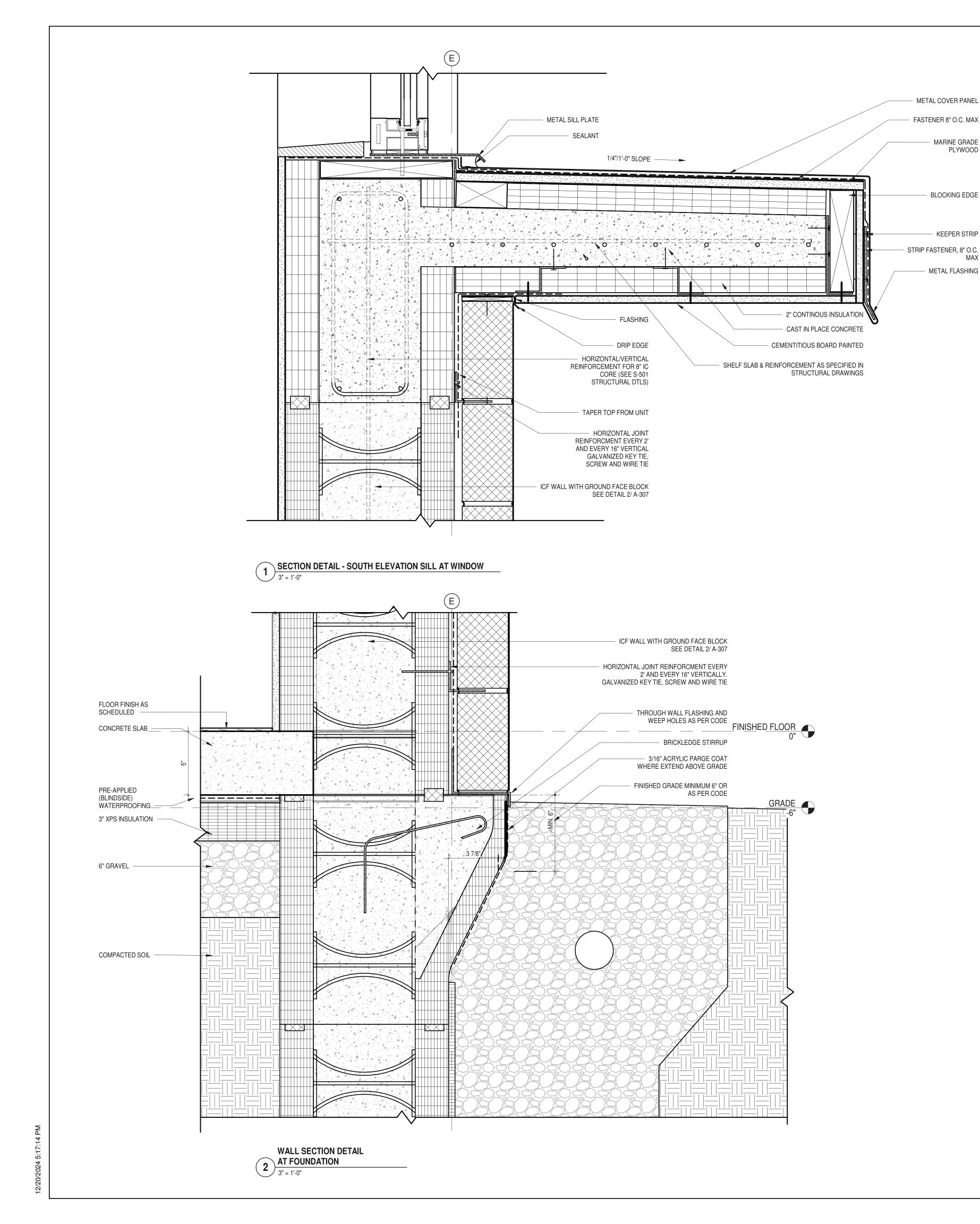
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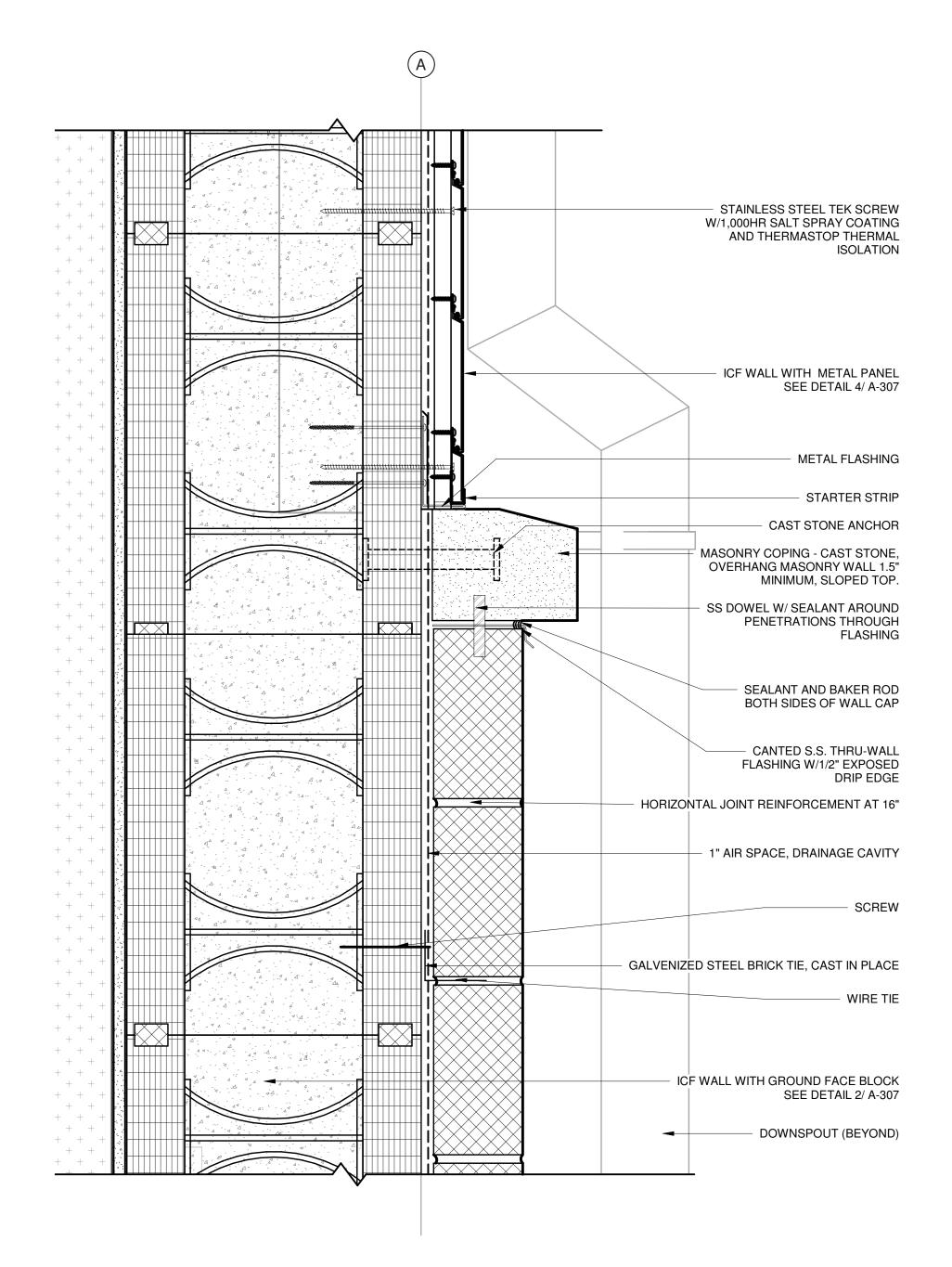
12/20/2024



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SECTION DETAIL - CAST STONE TO LONGBOARD

3" = 1'-0"

METAL COVER PANEL

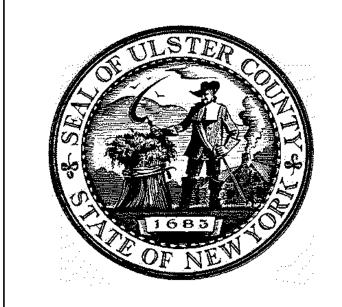
FASTENER 8" O.C. MAX

MARINE GRADE PLYWOOD

BLOCKING EDGE

KEEPER STRIP

METAL FLASHING



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PARTNER ARCHITECT ALFANDRE ARCHITECTURE

11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY CERAMI ASSOCIATES

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EXTERIOR WALL DETAILS

DONALD HENRY, JR. DISCIPLINE LEAD

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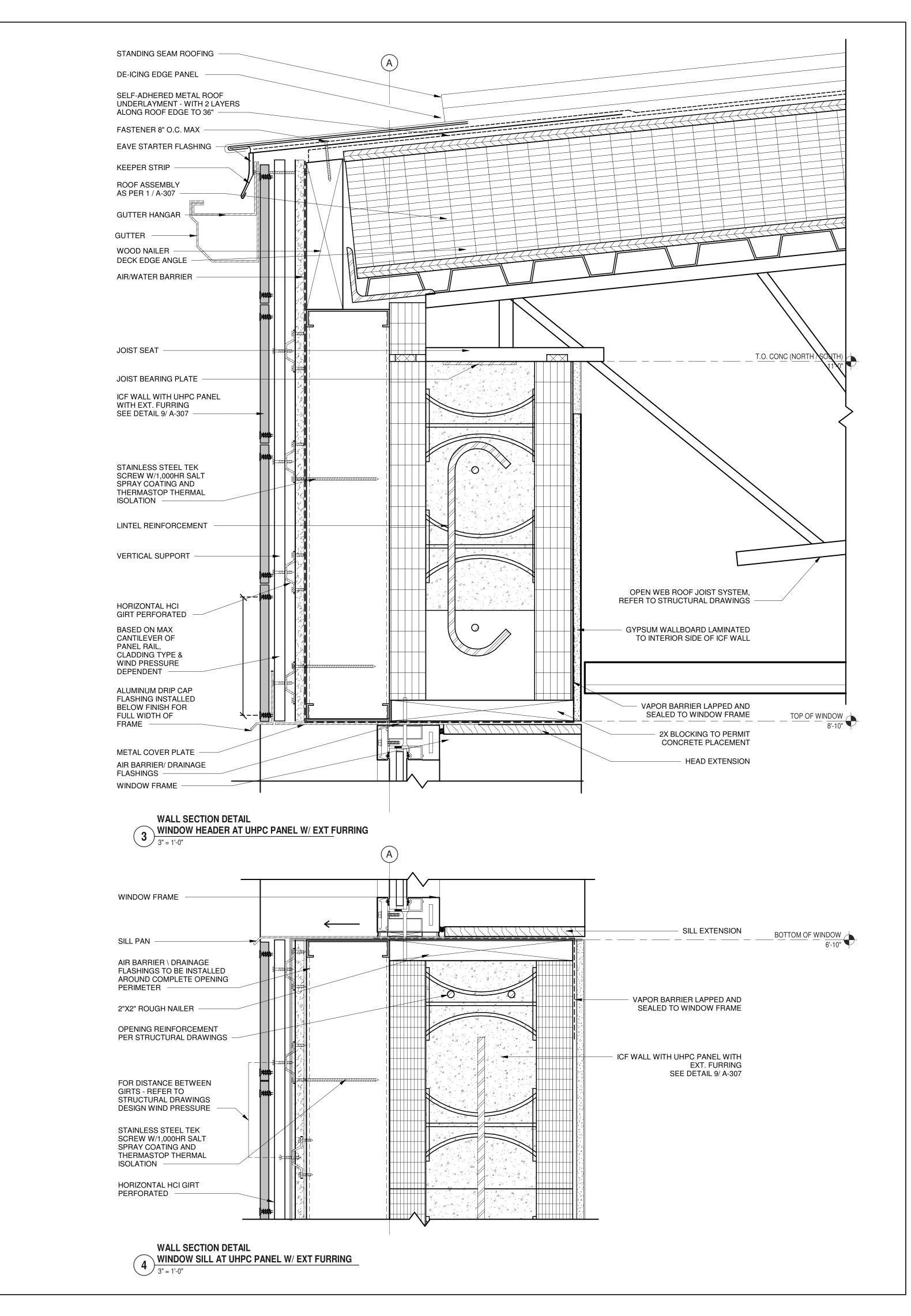
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CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC.

I.T. / A.V / SECURITY CERAMI ASSOCIATES

80 WOLF ROAD #600, ALBANY, NY 12205

1155 15TH STREET #606, WASHINGTON, DC 20005 ISSUE / REVISION

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KEY PLAN /

ULSTER COUNTY

GOVERNMENT **OPERATIONS** CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

EXTERIOR WALL DETAILS

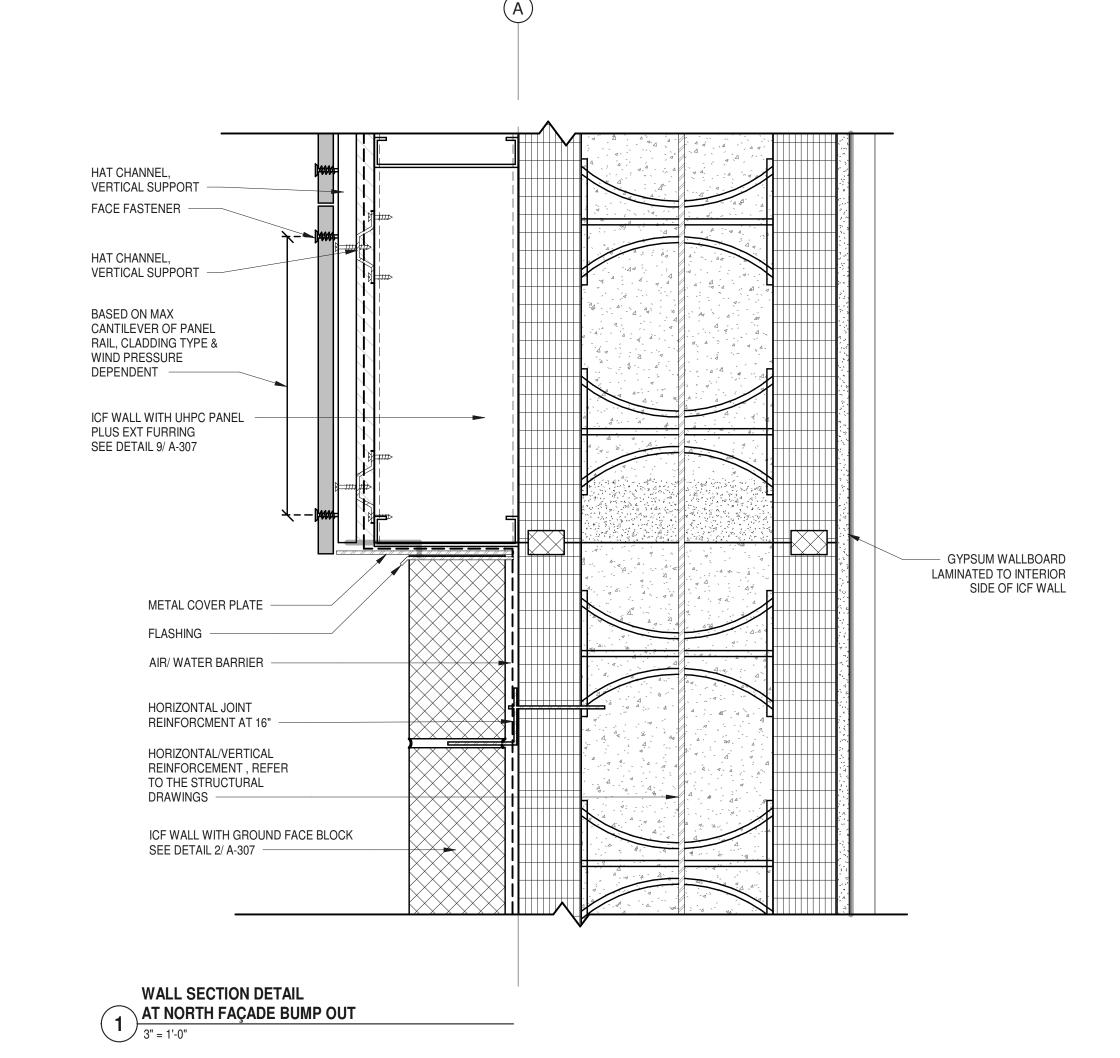
DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER UA | CHECKED BY C YOUNG

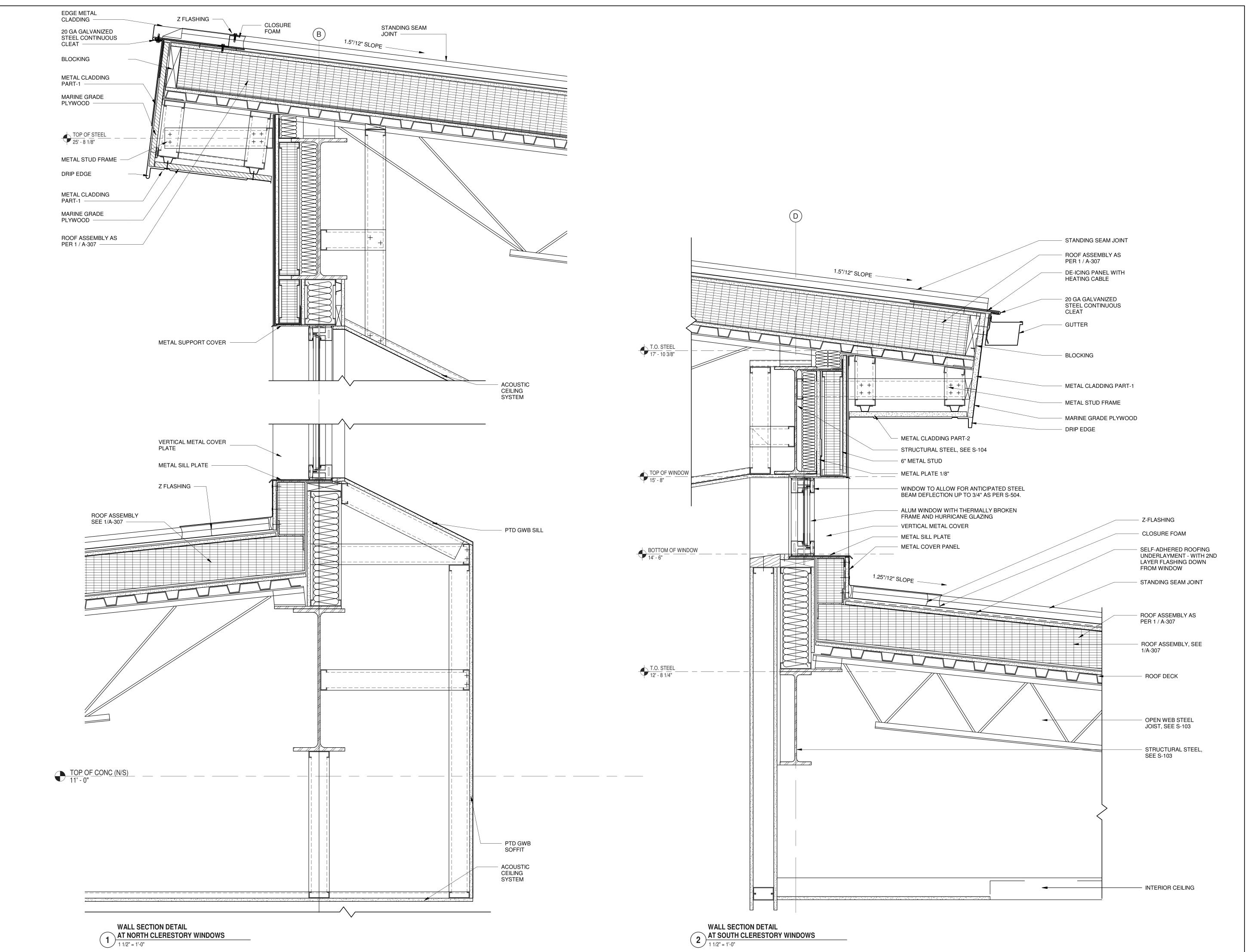
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3" = 1'-0" 12/20/2024

A-315

RFB-UC24-148C 55 OF 227







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CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

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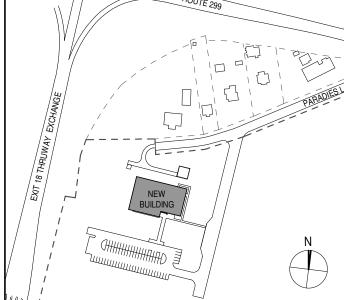
ISSUE / REVISION

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ULSTER COUNTY GOVERNMENT **OPERATIONS**

CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

EXTERIOR WALL DETAILS

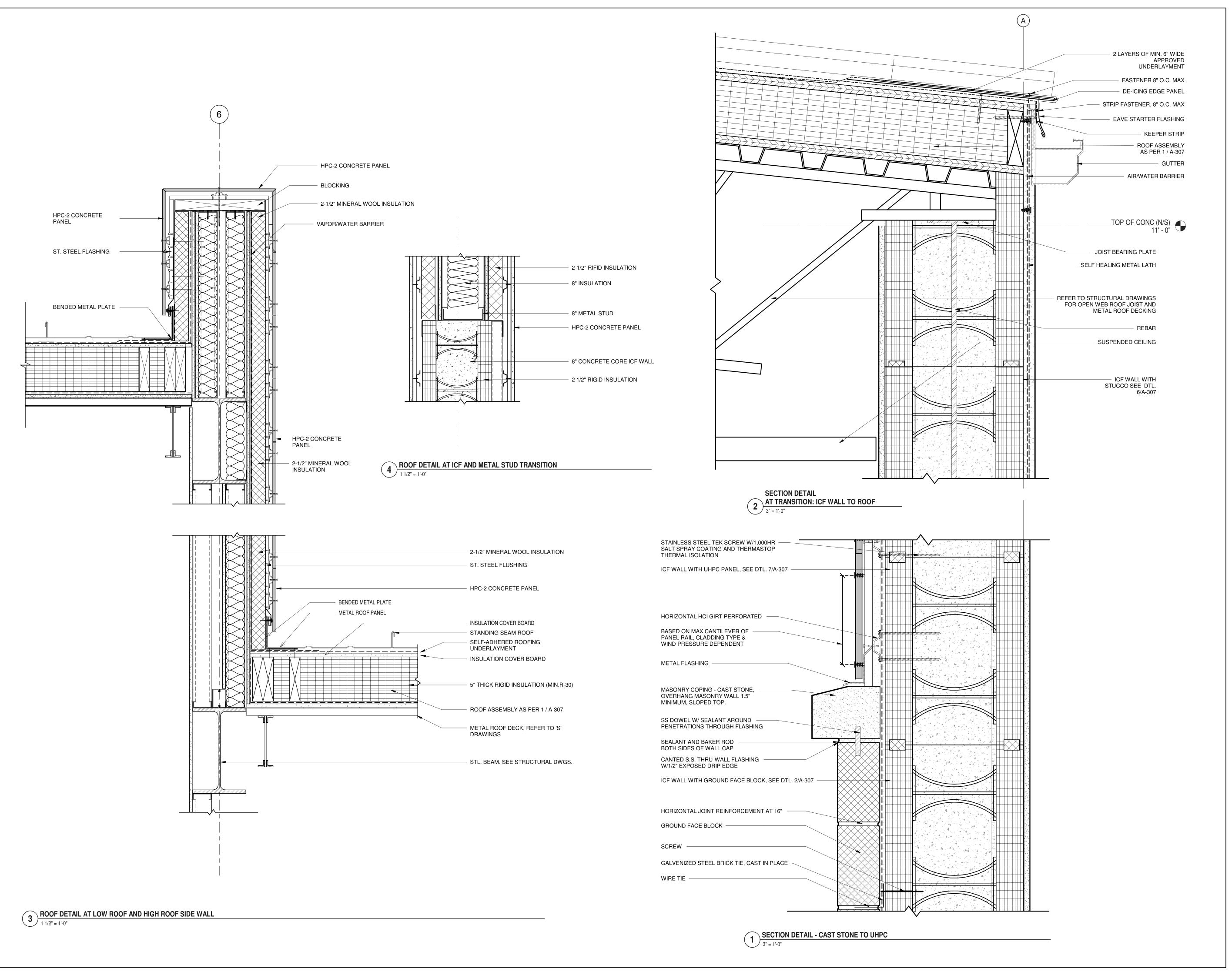
DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER

UA CHECKED BY C YOUNG UAI PROJECT NO. 2117-00 | SCALE | 1 1/2" = 1'-0" 12/20/2024



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RFB-UC24-148C 56 OF 227





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CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

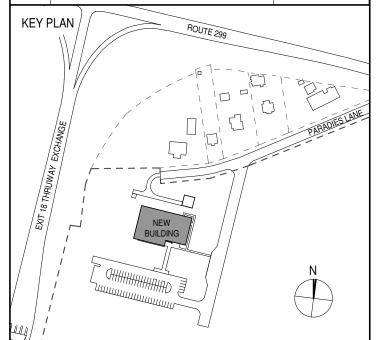
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ULSTER COUNTY

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DONALD HENRY, JR. DISCIPLINE LEAD

PROJECT ARCHITECT/ENGINEER

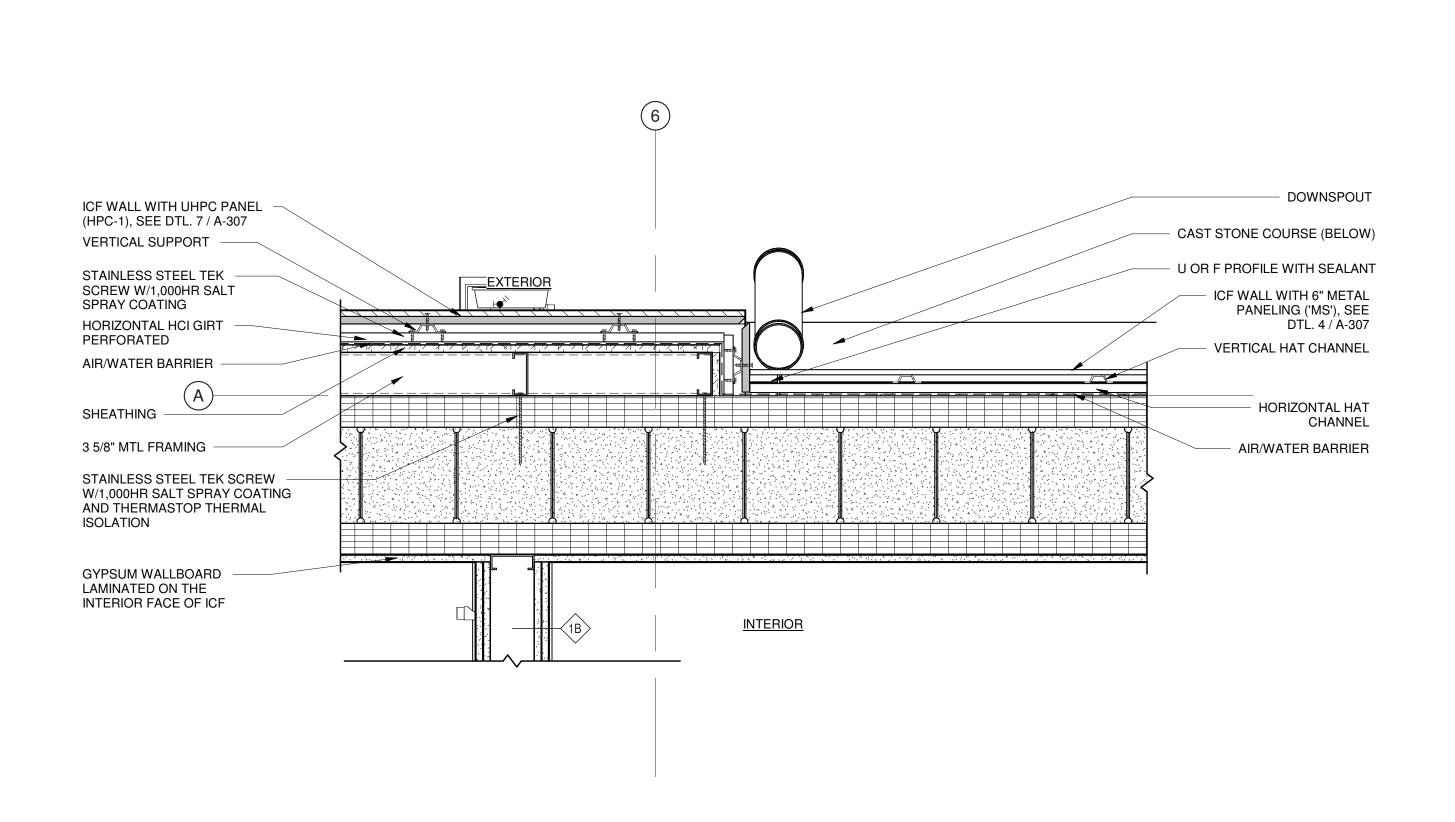
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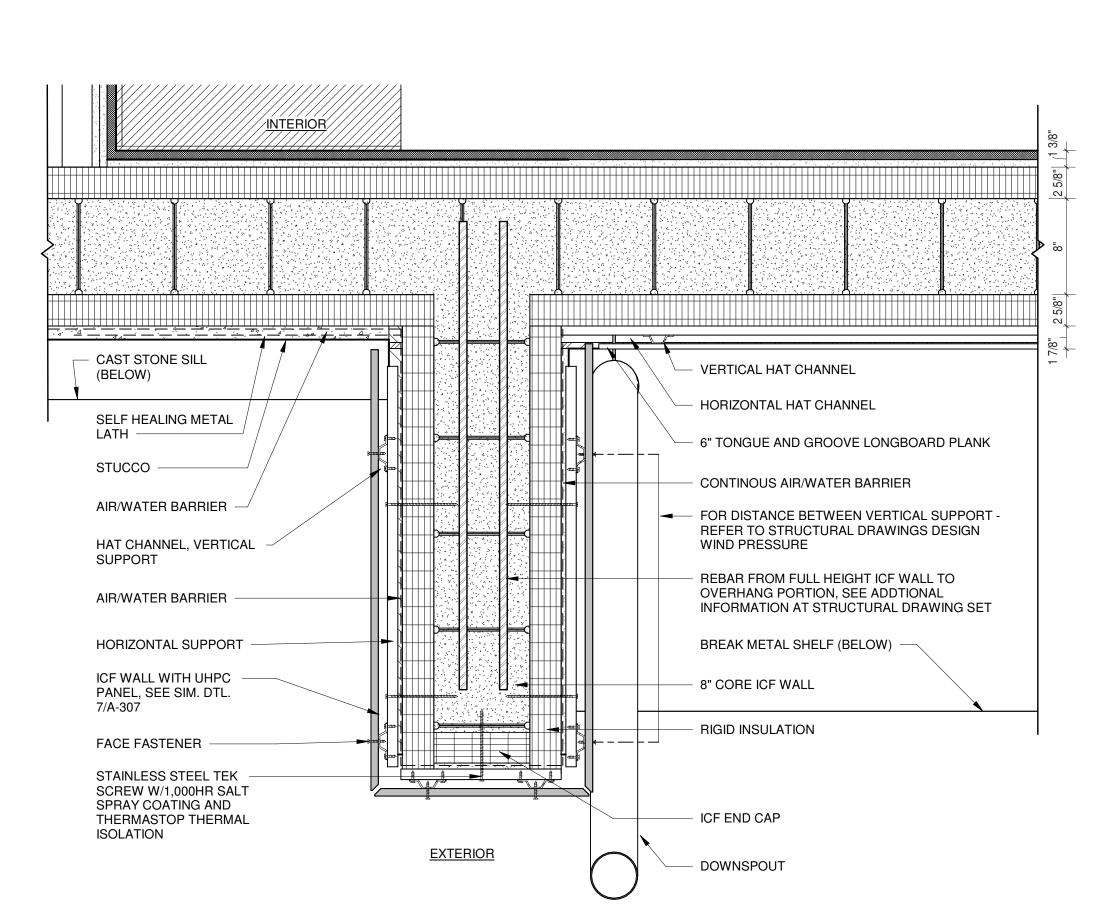


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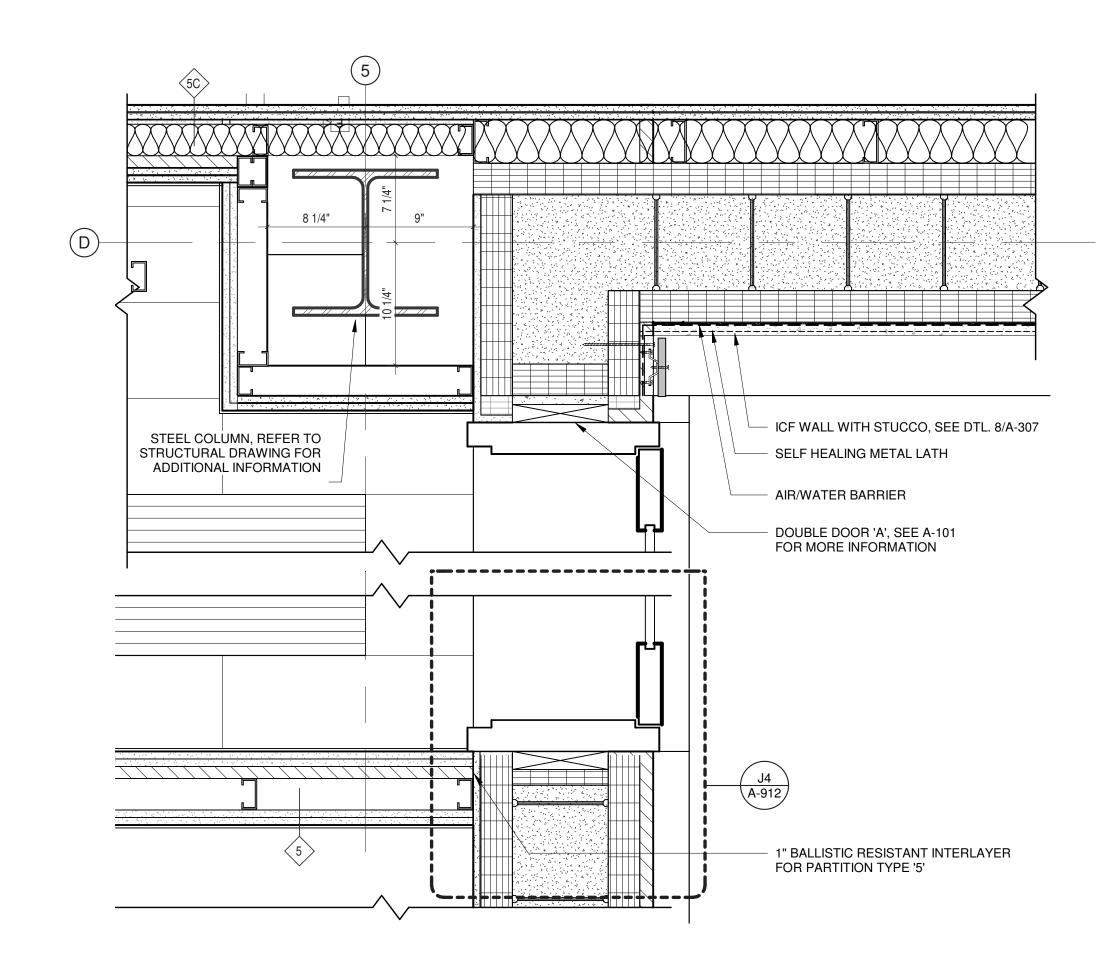
PLAN DETAIL AT NORTH FACADE BUMP-OUT



REFER TO STRUCTURAL DRAWINGS DESIGN WIND PRESSURE STAINLESS STEEL TEK SCREW W/1,000HR SALT - HORIZONTAL HAT CHANNEL SPRAY COATING AND THERMASTOP THERMAL VERTICAL HAT CHANNEL VERTICAL SUPPORT ISOLATION - RIGID INSULATION - 6" TONGUE AND GROOVE **VERTICAL SUPPORT** LONGBOARD PLANK ICF WALL WITH BREAK METAL SHELF (BELOW) UHPC PANEL, SEE SIM. DTL. 7/A-307 - ICF END CAP 1' - 5 1/4" - DOWNSPOUT **PLAN DETAIL**

AIR/WATER

BARRIER



5

RECEPTION

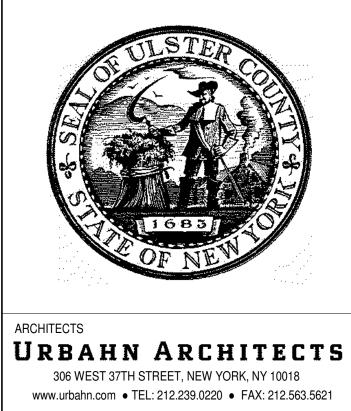
EXTERIOR

PLAN DETAIL AT TRANSITION: GFB TO METAL PANELING

AIR/WATER BARRIER

AT EAST END OF FRONT BOX-OUT

1 1/2" = 1'-0"



ARCHITECTS

PARTNER ARCHITECT

ALFANDRE ARCHITECTURE

11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY CERAMI ASSOCIATES

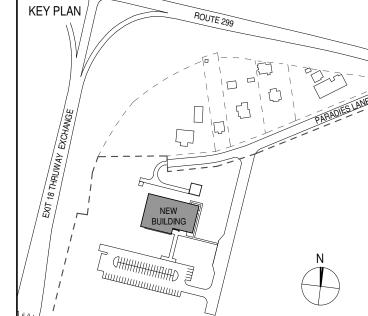
ISSUE / REVISION

1155 15TH STREET #606, WASHINGTON, DC 20005

NO. DESCRIPTION 100% CD - BID SET

20 DEC 2024

KEY PLAN /



1 LAYER OF 5/8" GWB

OF ICF WALL

DTL. 7/A-307

- 8" CORE ICF WALL

EXTERIOR

LAMINATED ON INTERIOR FACE

- ICF WALL WITH UHPC PANEL, SEE

STAINLESS STEEL TEK SCREW W/1,000HR SALT SPRAY COATING

REBAR FROM FULL HEIGHT ICF WALL TO OVERHANG PORTION, SEE ADDTIONAL INFORMATION AT STRUCTURAL DRAWING SET

HORIZONTAL HCI GIRT PERFORATED

- CONTINOUS AIR/WATER BARRIER

FOR DISTANCE BETWEEN GIRTS -

ULSTER COUNTY

GOVERNMENT **OPERATIONS** CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

PLAN DETAILS

DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER UA | CHECKED BY C YOUNG DRAWN BY UAI PROJECT NO. 2117-00 | SCALE | 1 1/2" = 1'-0" 12/20/2024



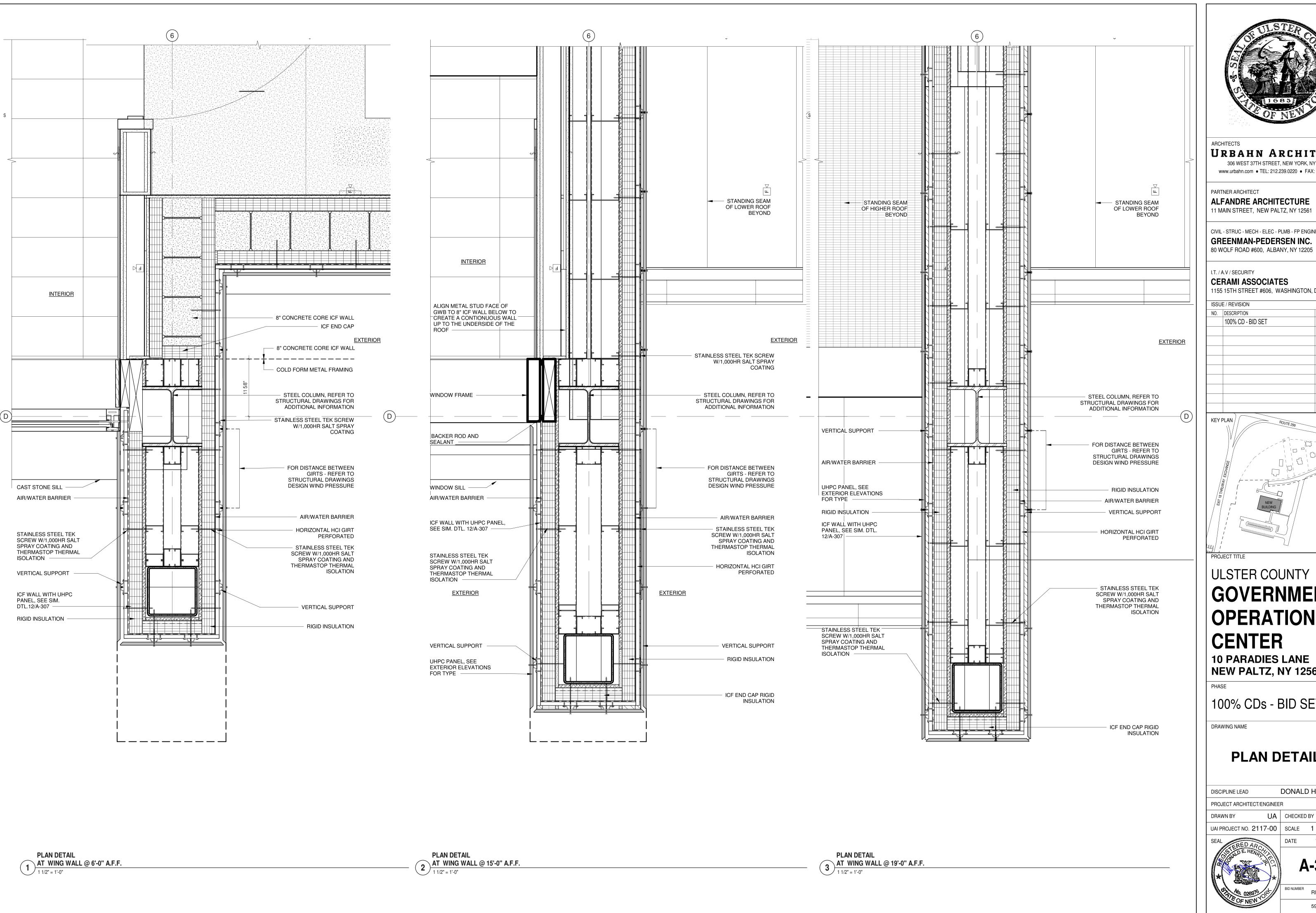
A-320

RFB-UC24-148C 58 OF 227

AT WEST END OF FRONT BOX-OUT

1 1/2" = 1'-0"

PLAN DETAIL





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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC.

I.T. / A.V / SECURITY

CERAMI ASSOCIATES

1155 15TH STREET #606, WASHINGTON, DC 20005

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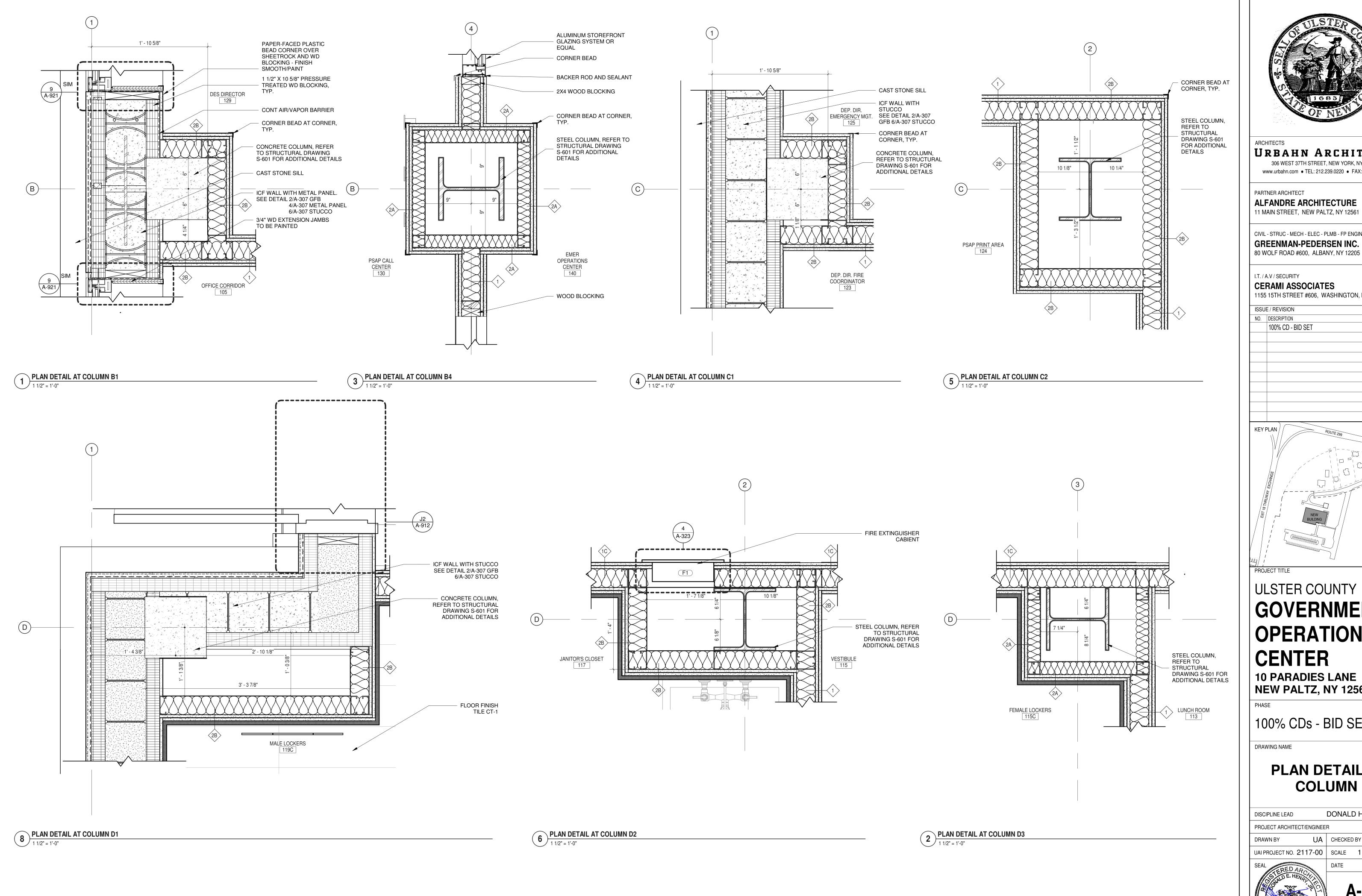
PLAN DETAILS

DONALD HENRY, JR. PROJECT ARCHITECT/ENGINEER UA | CHECKED BY C YOUNG UAI PROJECT NO. 2117-00 | SCALE | 1 1/2" = 1'-0" 12/20/2024



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RFB-UC24-148C 59 OF 227





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ALFANDRE ARCHITECTURE

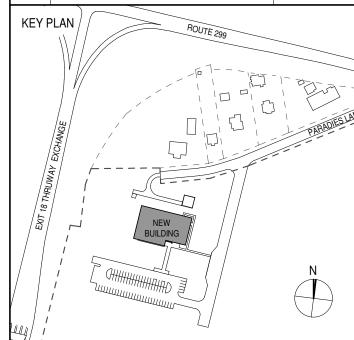
CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY

CERAMI ASSOCIATES 1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION NO. DESCRIPTION

20 DEC 2024 100% CD - BID SET



ULSTER COUNTY GOVERNMENT

OPERATIONS CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

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PLAN DETAILS -COLUMN

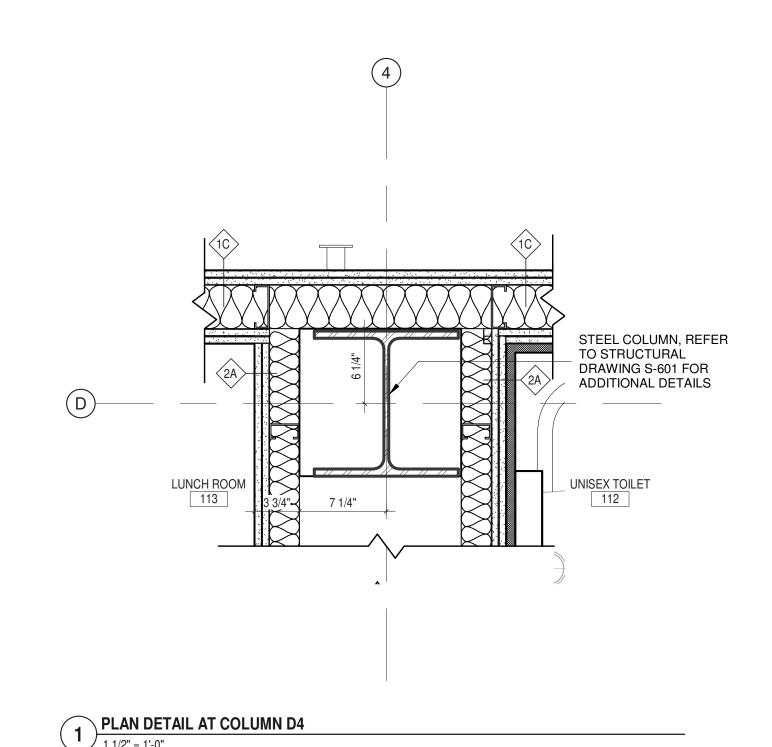
DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER

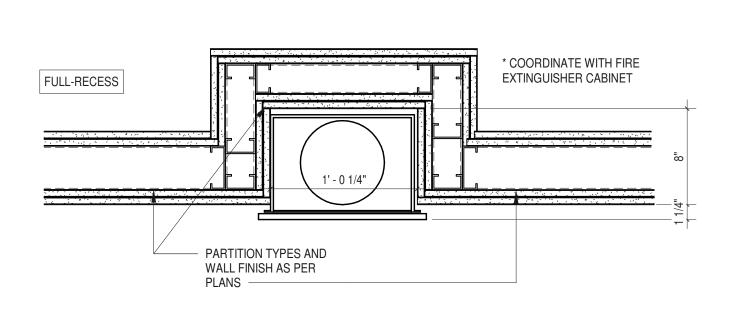
UA | CHECKED BY C YOUNG UAI PROJECT NO. 2117-00 | SCALE | 1 1/2" = 1'-0" 12/20/2024

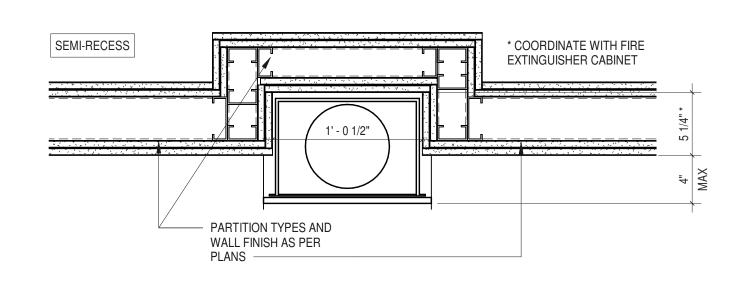


A-322

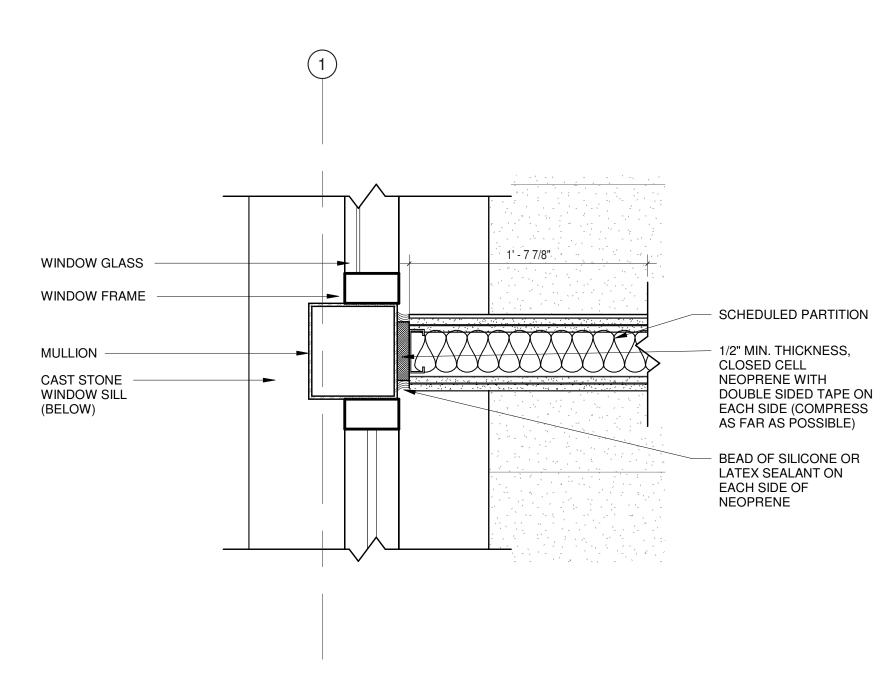
RFB-UC24-148C 60 OF 227





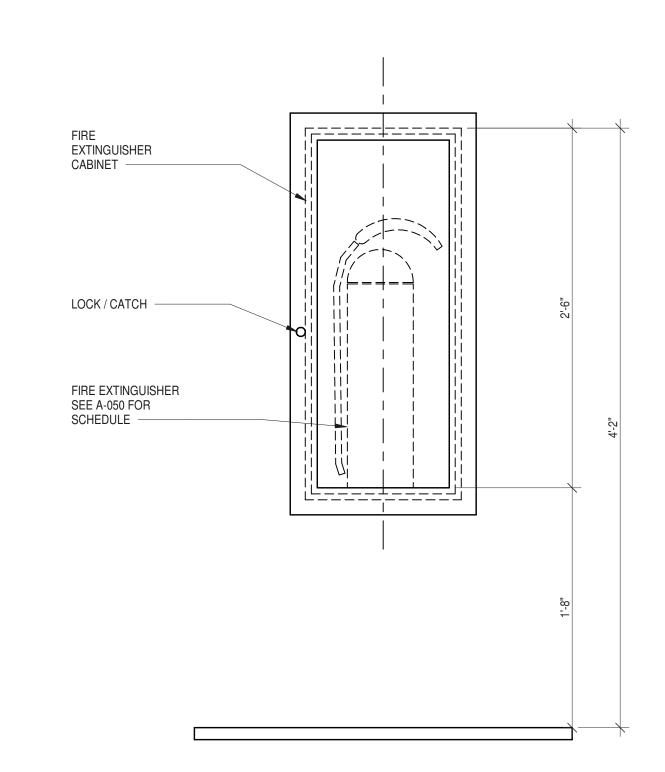


FIRE EXTINGUISHER CABINET - PLAN
1 1/2" = 1'-0"

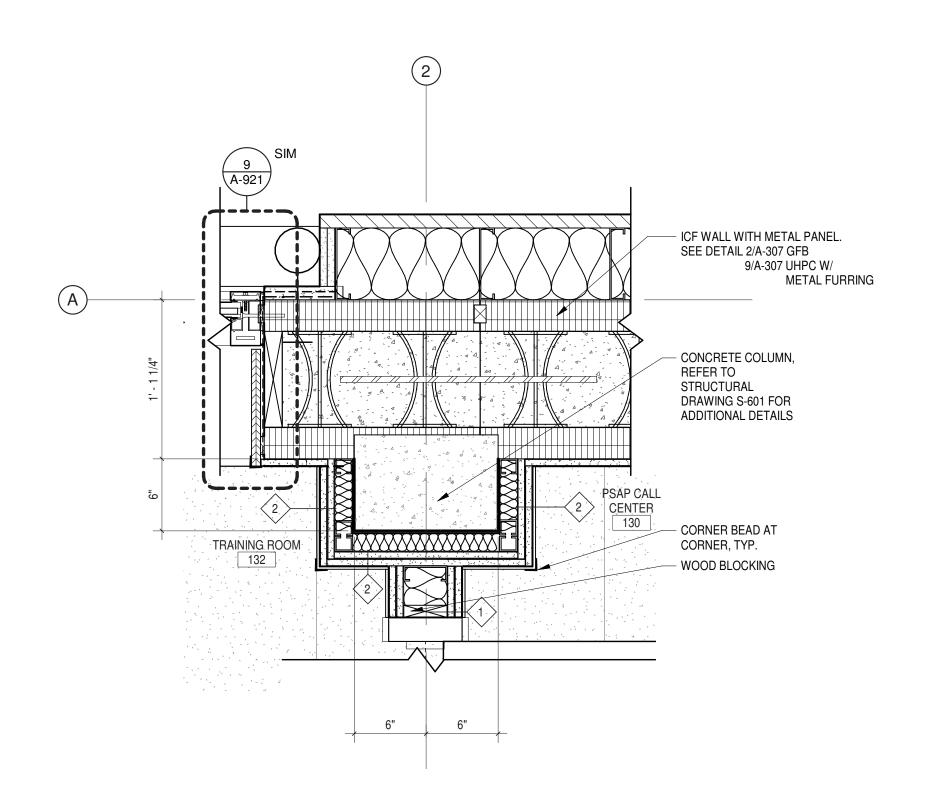


PLAN DETAIL - INTERIOR WALL TO MULLION CONNECTION

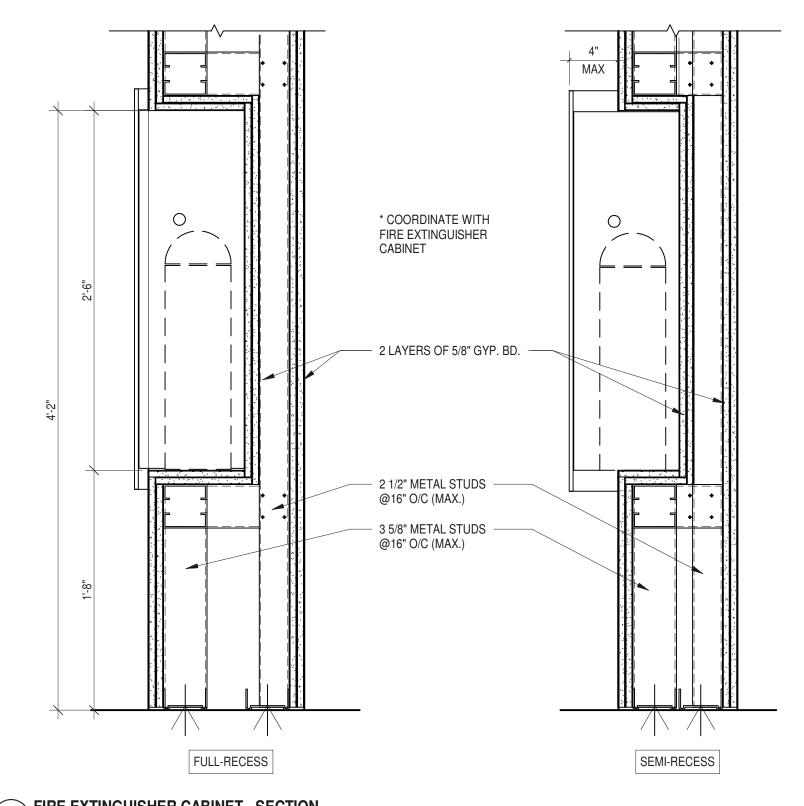
1 1/2" = 1'-0"



5 FIRE EXTINGUISHER CABINET - ELEVATION
1 1/2" = 1'-0"



3 EXT WALL ICF TRANSITION TO ACCENT WALL
1 1/2" = 1'-0"



6 FIRE EXTINGUISHER CABINET - SECTION
1 1/2" = 1'-0"



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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY CERAMI ASSOCIATES 1155 15TH STREET #606, WASHINGTON, DC 20005

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KEY PLAN /

ULSTER COUNTY

GOVERNMENT **OPERATIONS** CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

DETAILS

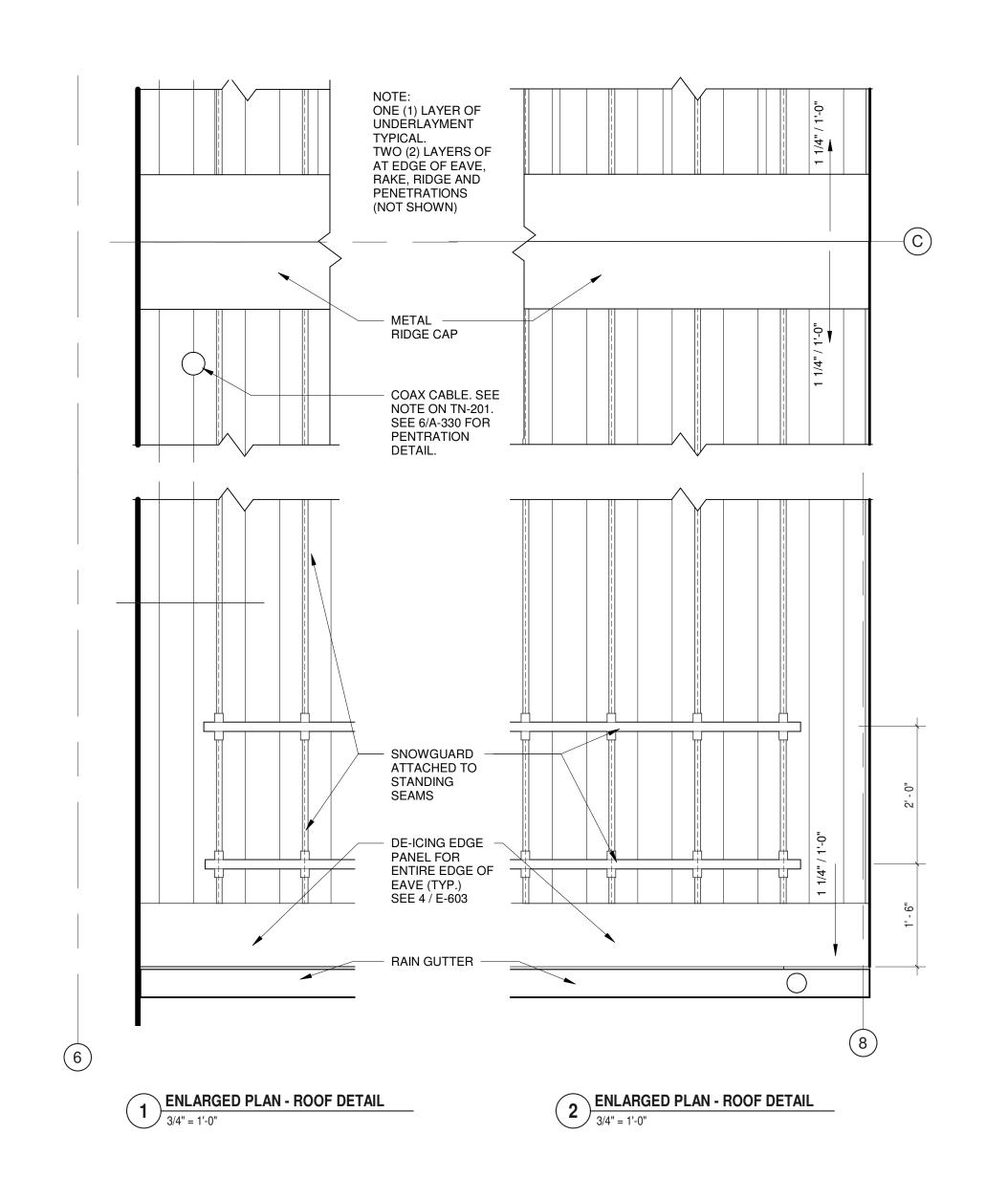
DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER

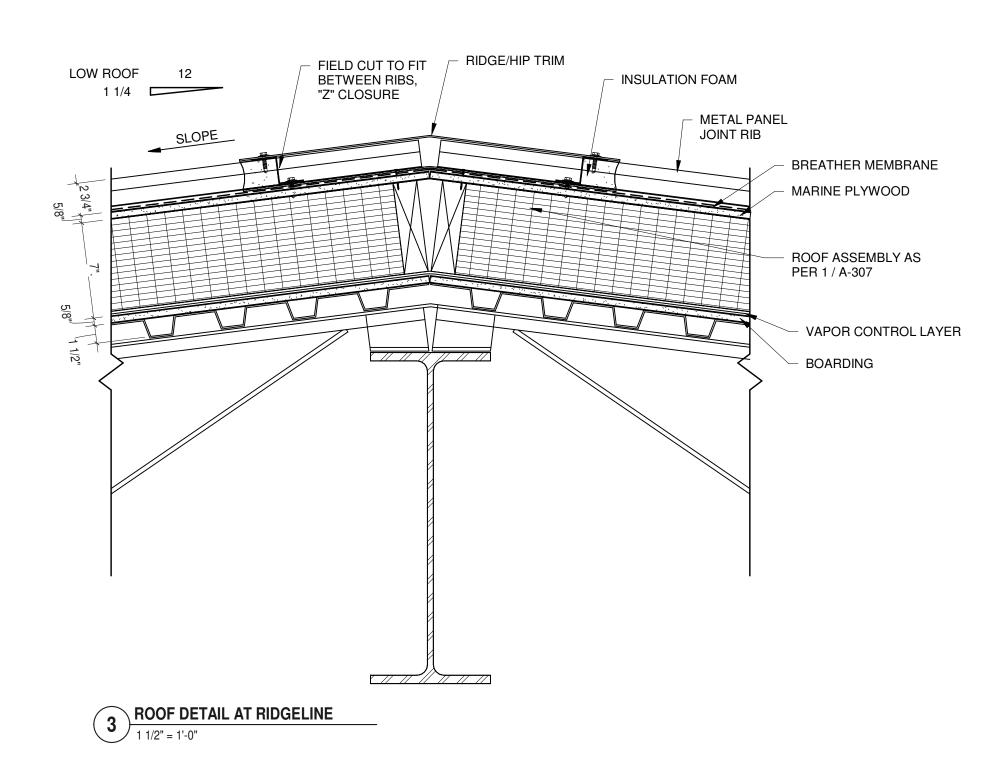
Author CHECKED BY C YOUNG

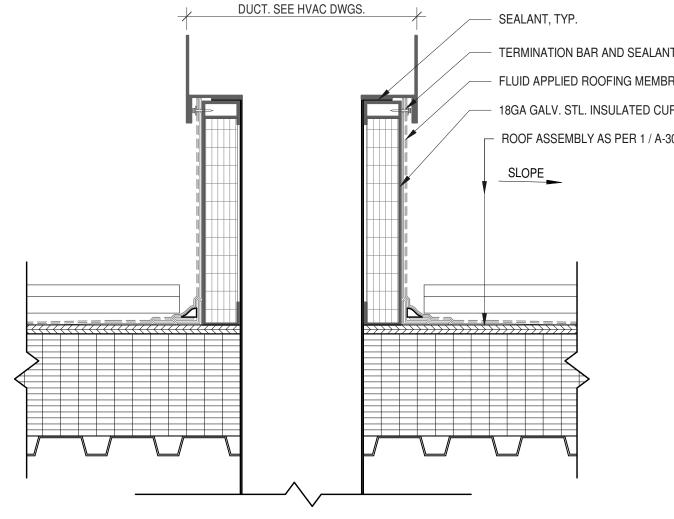
UAI PROJECT NO. 2117-00 | SCALE | 1 1/2" = 1'-0" 12/20/2024 A-323

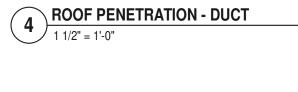
RFB-UC24-148C

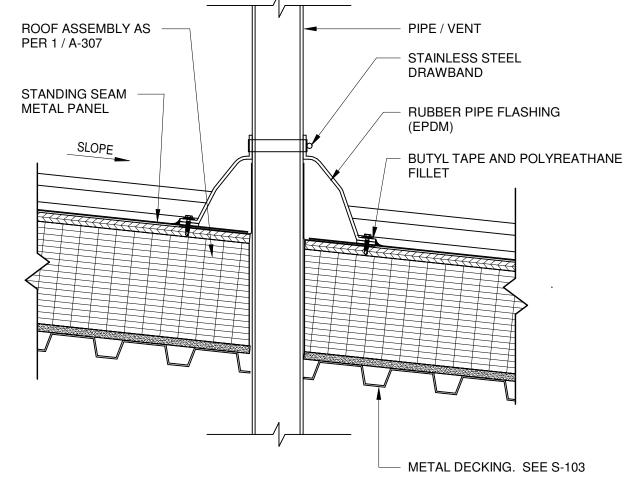
61 OF 227



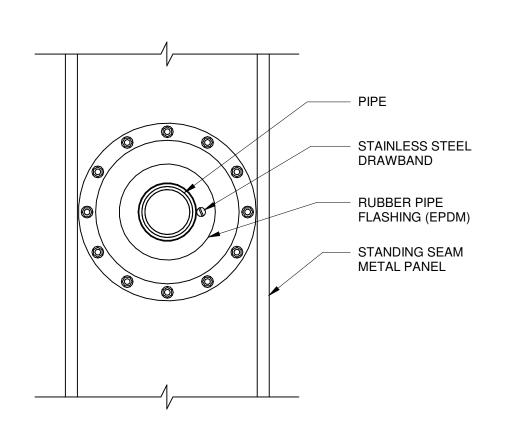




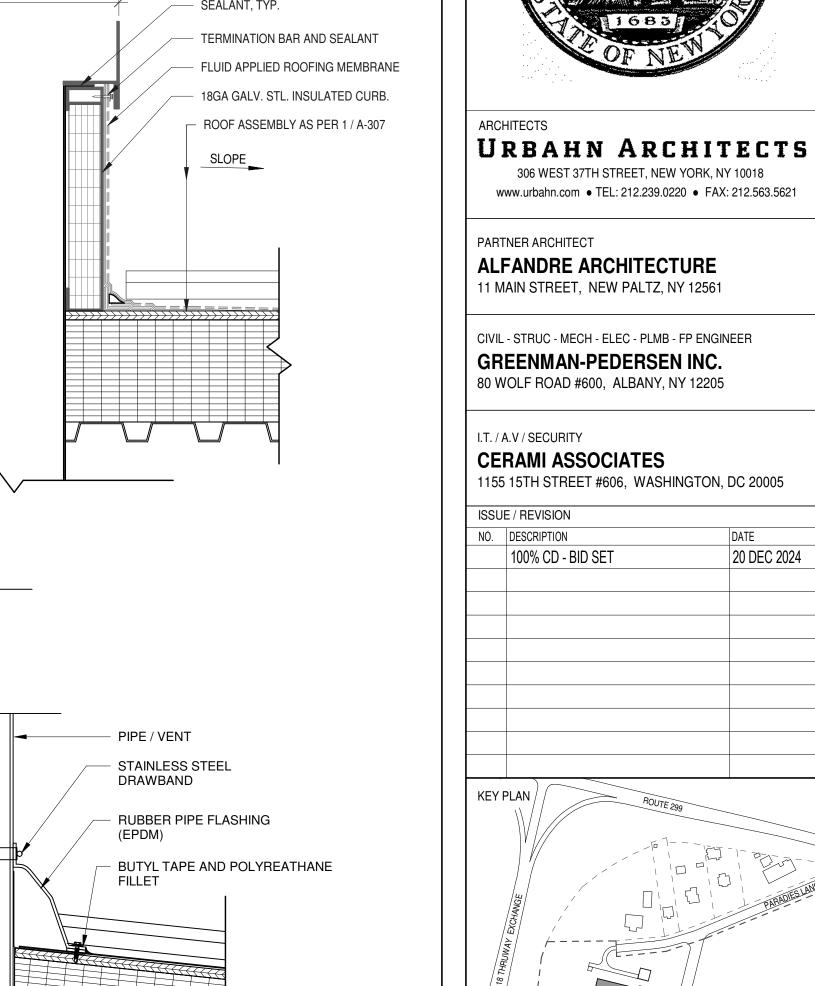








PIPE PENETRATION - PLAN
1 1/2" = 1'-0"



ULSTER COUNTY GOVERNMENT

OPERATIONS CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

DETAILS - ROOF PLAN

DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER UA CHECKED BY C YOUNG UAI PROJECT NO. 2117-00 | SCALE | As indicated A-330

RFB-UC24-148C

62 OF 227

20 DEC 2024

5 ROOFING DETAIL - PV PANEL ATTACHMENT
1 1/2" = 1'-0"

MOUNTING DISC

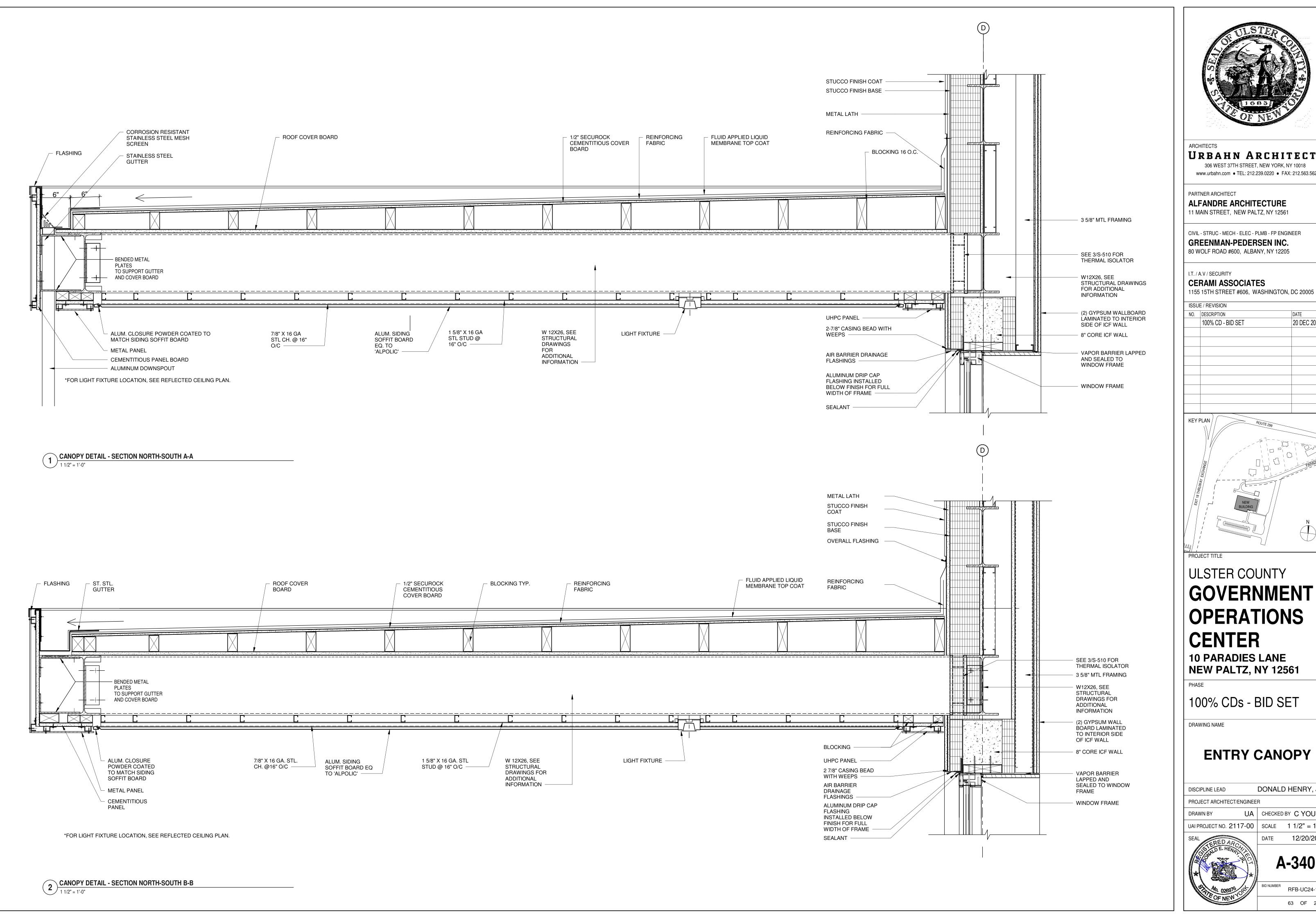
SOLAR PANEL

 CLAMP (4 SUPPORT POINTS PER PANEL) STAINLESS SOLAR PANEL STEEL SCREW / CLAMP (4 SUPPORT POINTS PER PANEL) STAINLESS STEEL SCREW **EDGEGRAB** - MOUNTING DISC | - STANDING SEAM

ROOF ASSEMBLY AS PER 1 / A-307

HIGH ROOF 12 LOW ROOF 12 1 1/4

- EDGEGRAB





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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER

GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY CERAMI ASSOCIATES

ISSUE / REVISION

NO. DESCRIPTION 100% CD - BID SET

20 DEC 2024

KEY PLAN /

ULSTER COUNTY

GOVERNMENT **OPERATIONS**

CENTER **10 PARADIES LANE**

100% CDs - BID SET

DRAWING NAME

ENTRY CANOPY

DONALD HENRY, JR. DISCIPLINE LEAD

PROJECT ARCHITECT/ENGINEER

DRAWN BY

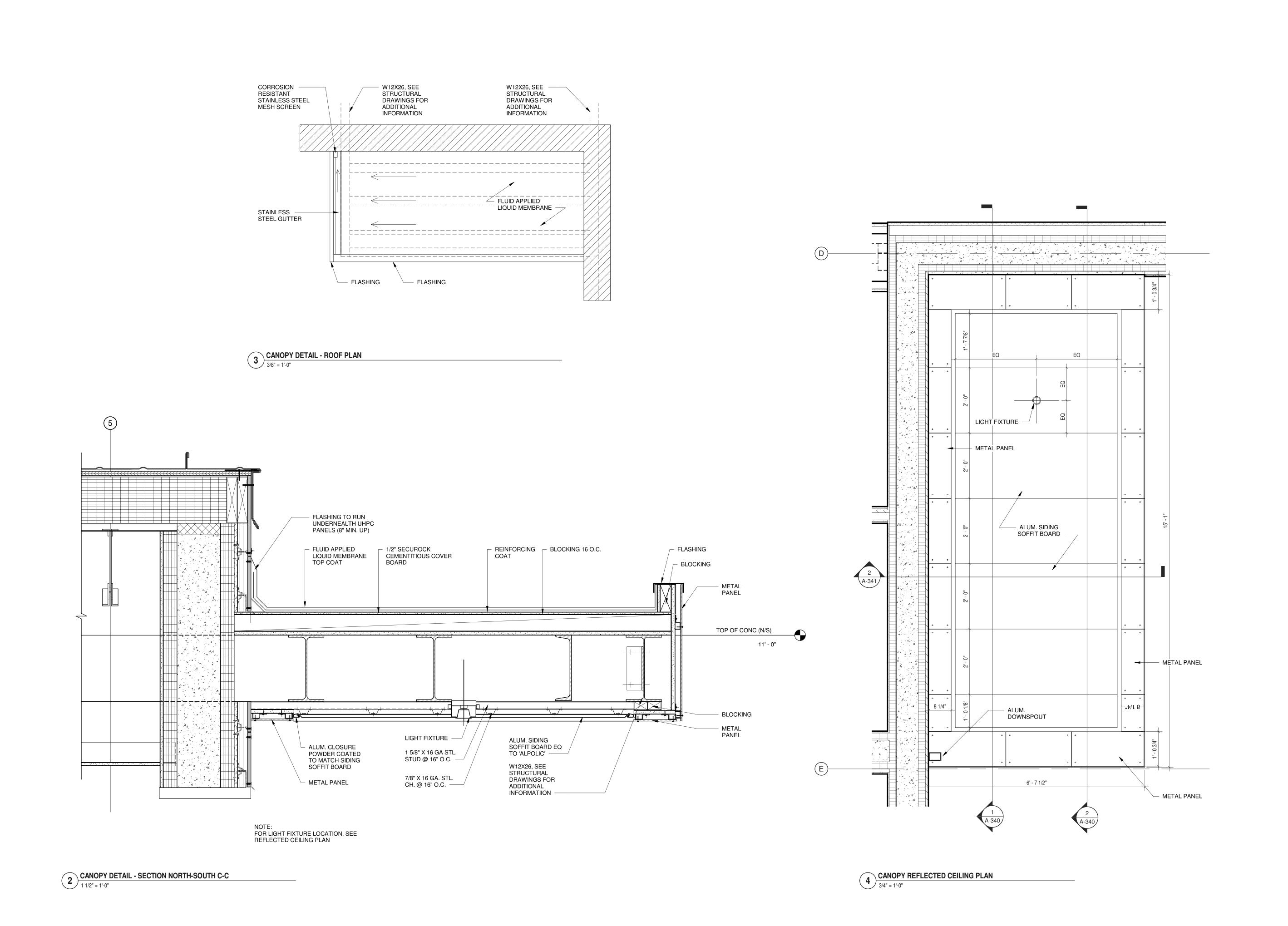
UA CHECKED BY C YOUNG UAI PROJECT NO. 2117-00 | SCALE | 1 1/2" = 1'-0"



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12/20/2024

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PARTNER ARCHITECT

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CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

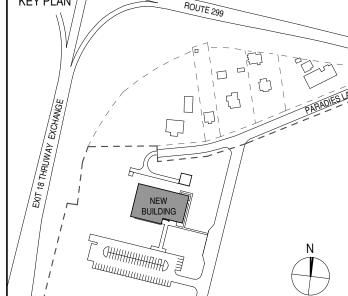
I.T. / A.V / SECURITY

CERAMI ASSOCIATES 1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION NO. DESCRIPTION

20 DEC 2024 100% CD - BID SET

KEY PLAN /



ULSTER COUNTY

GOVERNMENT **OPERATIONS** CENTER

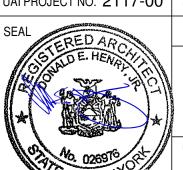
10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

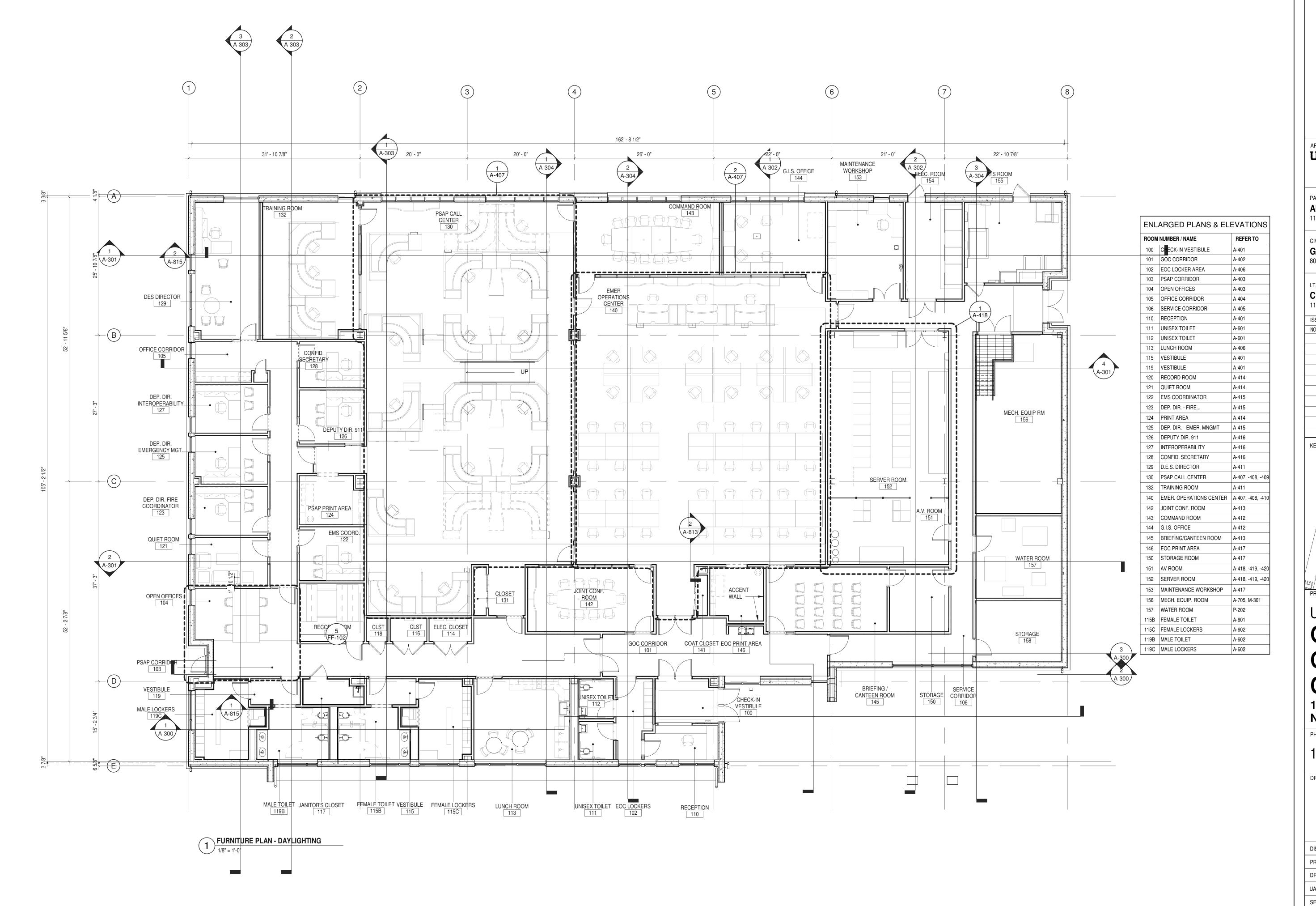
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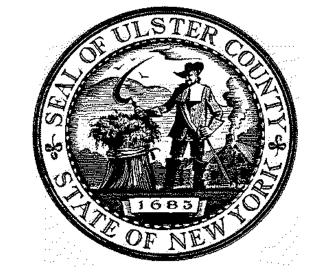
DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER UA | CHECKED BY C YOUNG DRAWN BY 12/20/2024



A-341

RFB-UC24-148C 64 OF 227





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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER **GREENMAN-PEDERSEN INC.** 80 WOLF ROAD #600, ALBANY, NY 12205

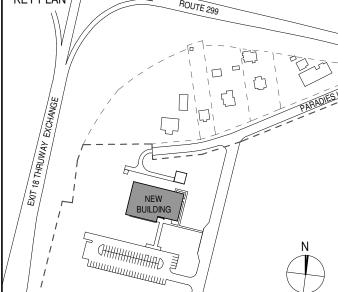
I.T. / A.V / SECURITY

CERAMI ASSOCIATES 1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION NO. DESCRIPTION

20 DEC 2024 100% CD - BID SET

KEY PLAN /



ULSTER COUNTY

GOVERNMENT **OPERATIONS** CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

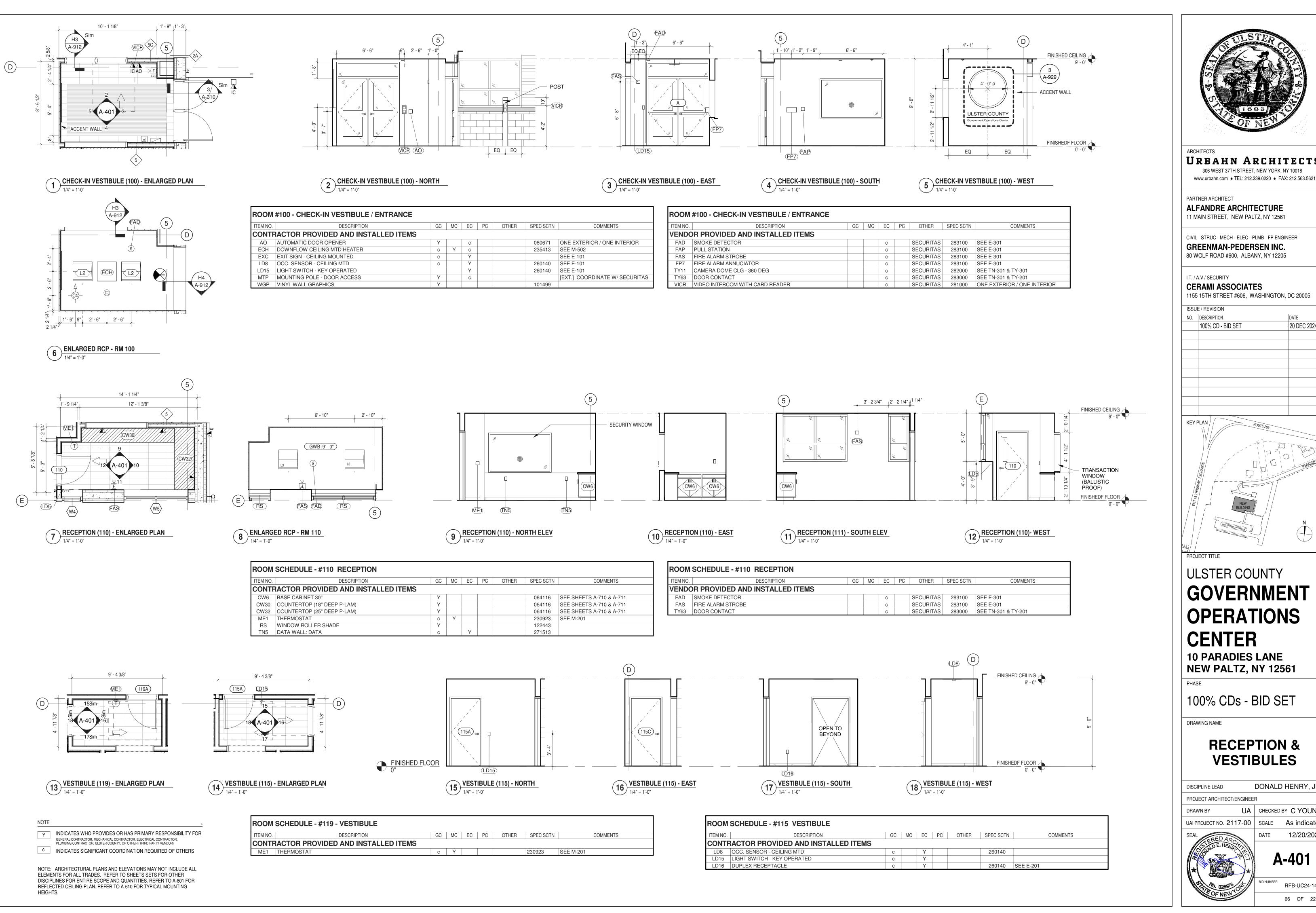
EQUIPMENT COORDINATION **PLAN**

DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER UA | CHECKED BY C YOUNG UAI PROJECT NO. 2117-00 | SCALE 1/8" = 1'-0" 12/20/2024



A-400

RFB-UC24-148C 65 OF 227



URBAHN ARCHITECTS 306 WEST 37TH STREET, NEW YORK, NY 10018

PARTNER ARCHITECT ALFANDRE ARCHITECTURE

11 MAIN STREET, NEW PALTZ, NY 12561

GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

CERAMI ASSOCIATES 1155 15TH STREET #606, WASHINGTON, DC 20005

NO. DESCRIPTION

100% CD - BID SET

20 DEC 2024

KEY PLAN /

ULSTER COUNTY

GOVERNMENT **OPERATIONS CENTER**

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

RECEPTION & VESTIBULES

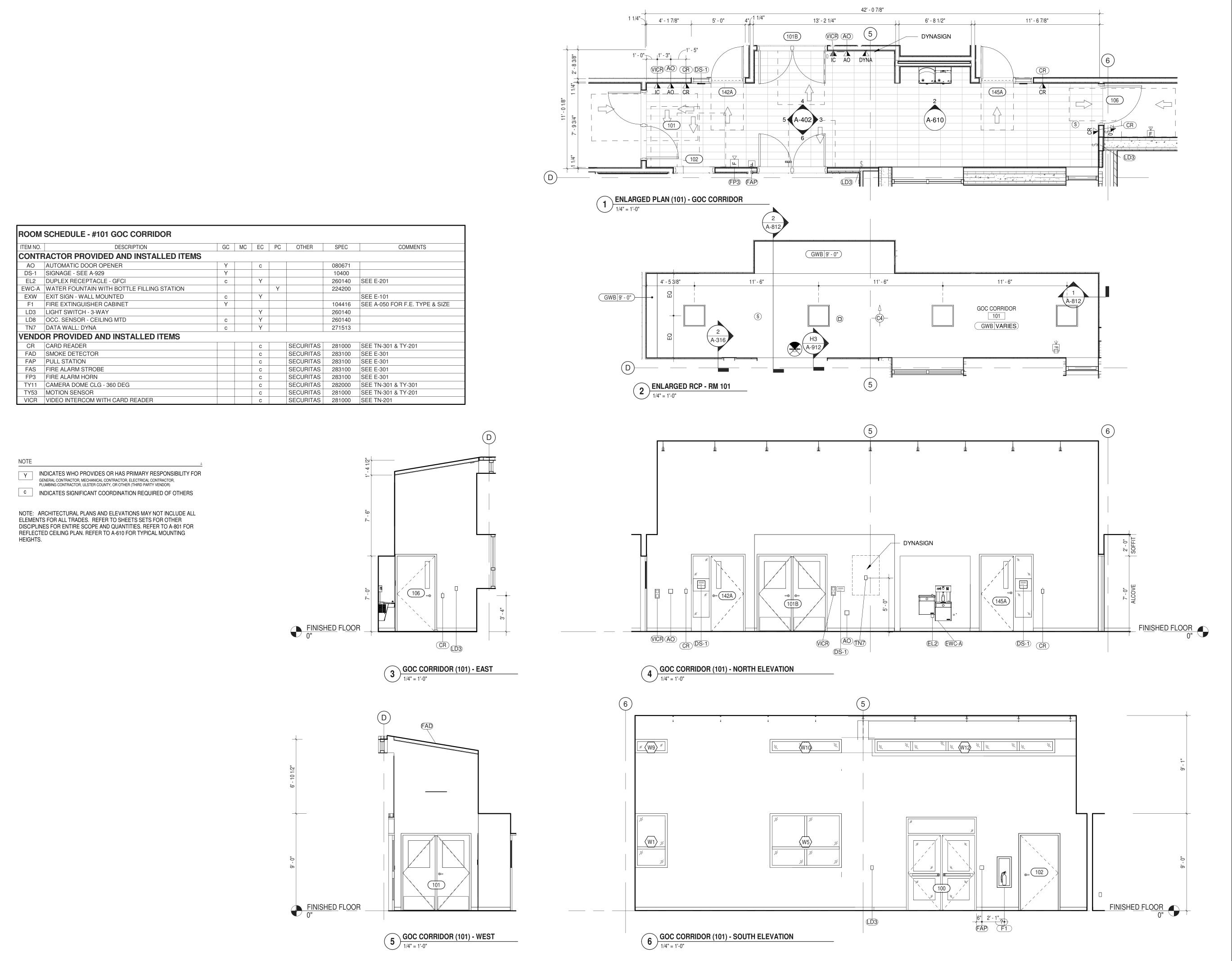
DONALD HENRY, JR DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER

DRAWN BY

UA | CHECKED BY C YOUNG UAI PROJECT NO. 2117-00 | SCALE | As indicated 12/20/2024



RFB-UC24-148C 66 OF 227





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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE
11 MAIN STREET, NEW PALTZ, NY 12561

GREENMAN-PEDERSEN INC.
80 WOLF ROAD #600, ALBANY, NY 12205

I.T./A.V/SECURITY

CERAMI ASSOCIATES

1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION

 NO.
 DESCRIPTION
 DATE

 100% CD - BID SET
 20 DEC 2024

KEY PLAN

ROUTE 299

NEW BUILDING

NEW BUILDING

DPO IECT TITI

ULSTER COUNTY

GOVERNMENT OPERATIONS

CENTER
10 PARADIES LANE

NEW PALTZ, NY 12561

PHASE

100% CDs - BID SET

DRAWING NAME

GOC CORRIDOR

DONALD HENRY, JR.

PROJECT ARCHITECT/ENGINEER

DRAWN BY

UA

CHECKED BY C YOUNG

UAI PROJECT NO. 2117-00

SCALE

As indicated

SEAL

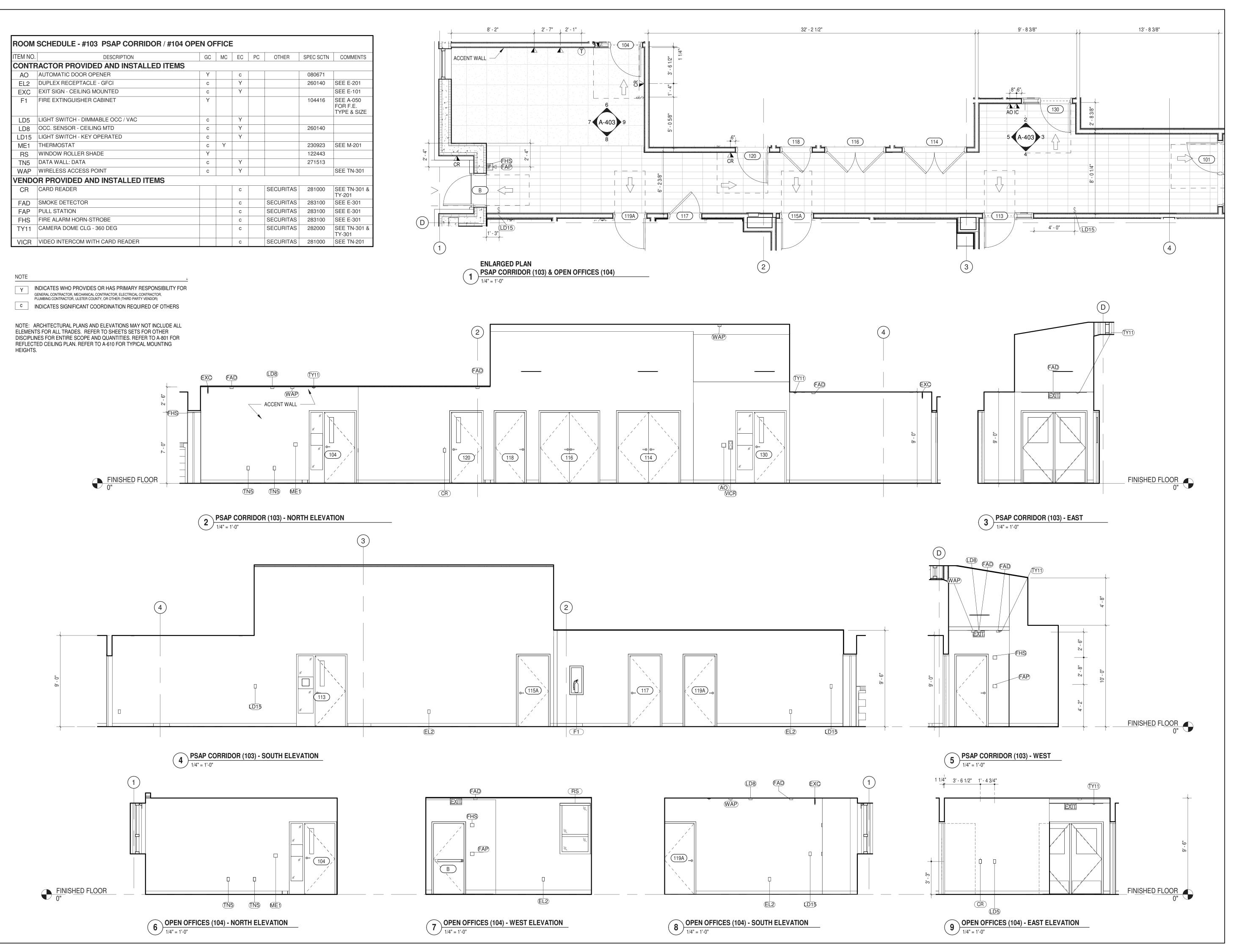
DATE

12/20/2024



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RFB-UC24-148C 67 OF 227





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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

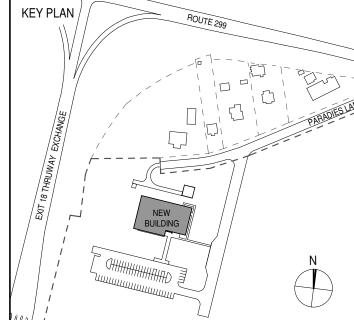
I.T. / A.V / SECURITY CERAMI ASSOCIATES

1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION

NO. DESCRIPTION 100% CD - BID SET

20 DEC 2024



ULSTER COUNTY

GOVERNMENT **OPERATIONS** CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

PSAP CORRIDOR & OPEN OFFICES

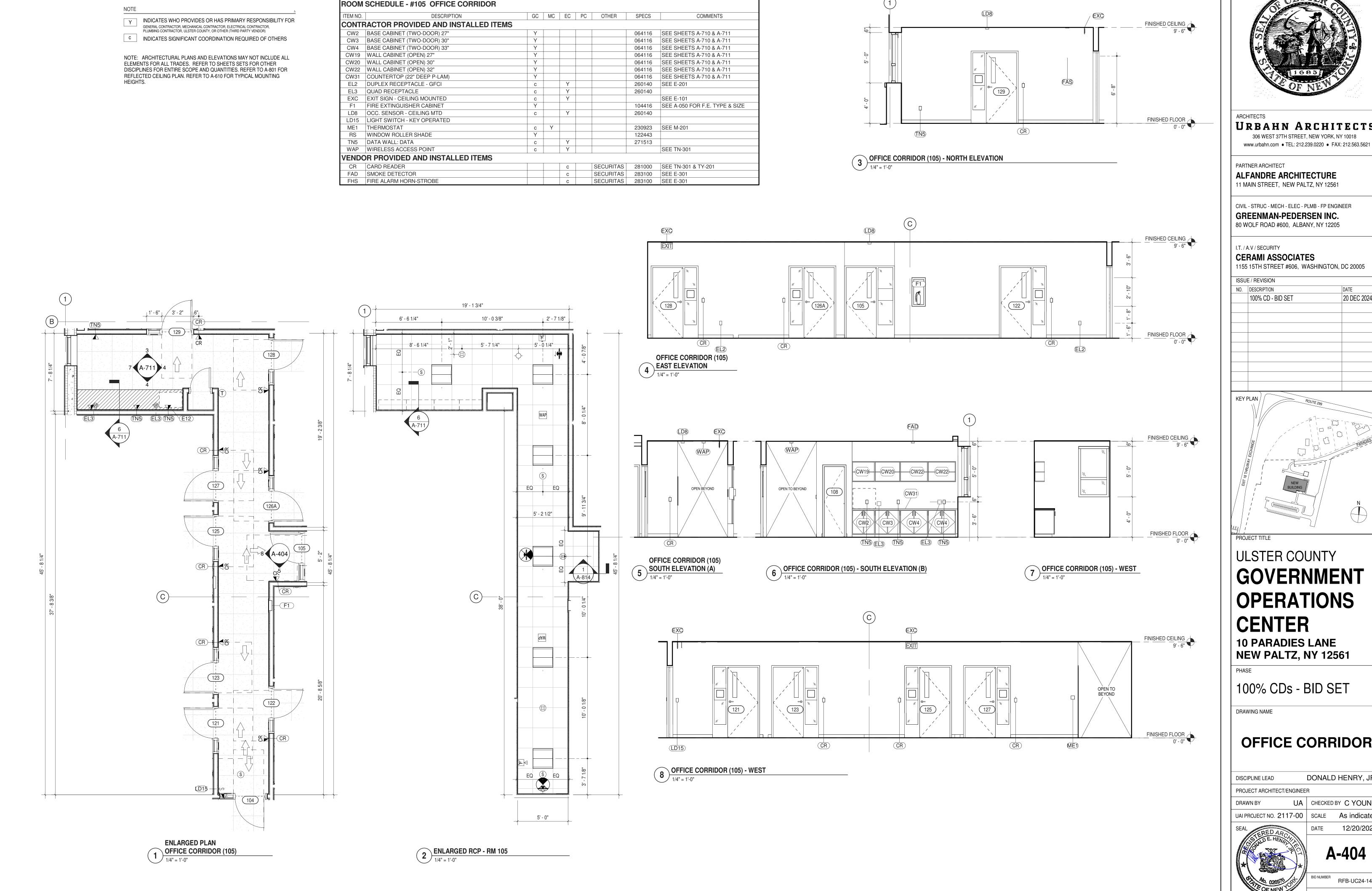
DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER

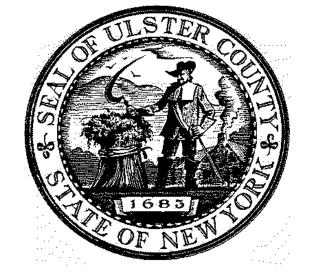
UA | CHECKED BY C YOUNG UAI PROJECT NO. 2117-00 | SCALE | As indicated 12/20/2024



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RFB-UC24-148C 68 OF 227





URBAHN ARCHITECTS 306 WEST 37TH STREET, NEW YORK, NY 10018

PARTNER ARCHITECT

ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC.

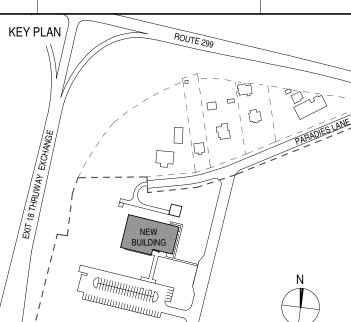
I.T. / A.V / SECURITY

CERAMI ASSOCIATES

1155 15TH STREET #606, WASHINGTON, DC 20005

NO. DESCRIPTION

100% CD - BID SET 20 DEC 2024



ULSTER COUNTY

GOVERNMENT **OPERATIONS CENTER**

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

OFFICE CORRIDOR

DONALD HENRY, JR DISCIPLINE LEAD

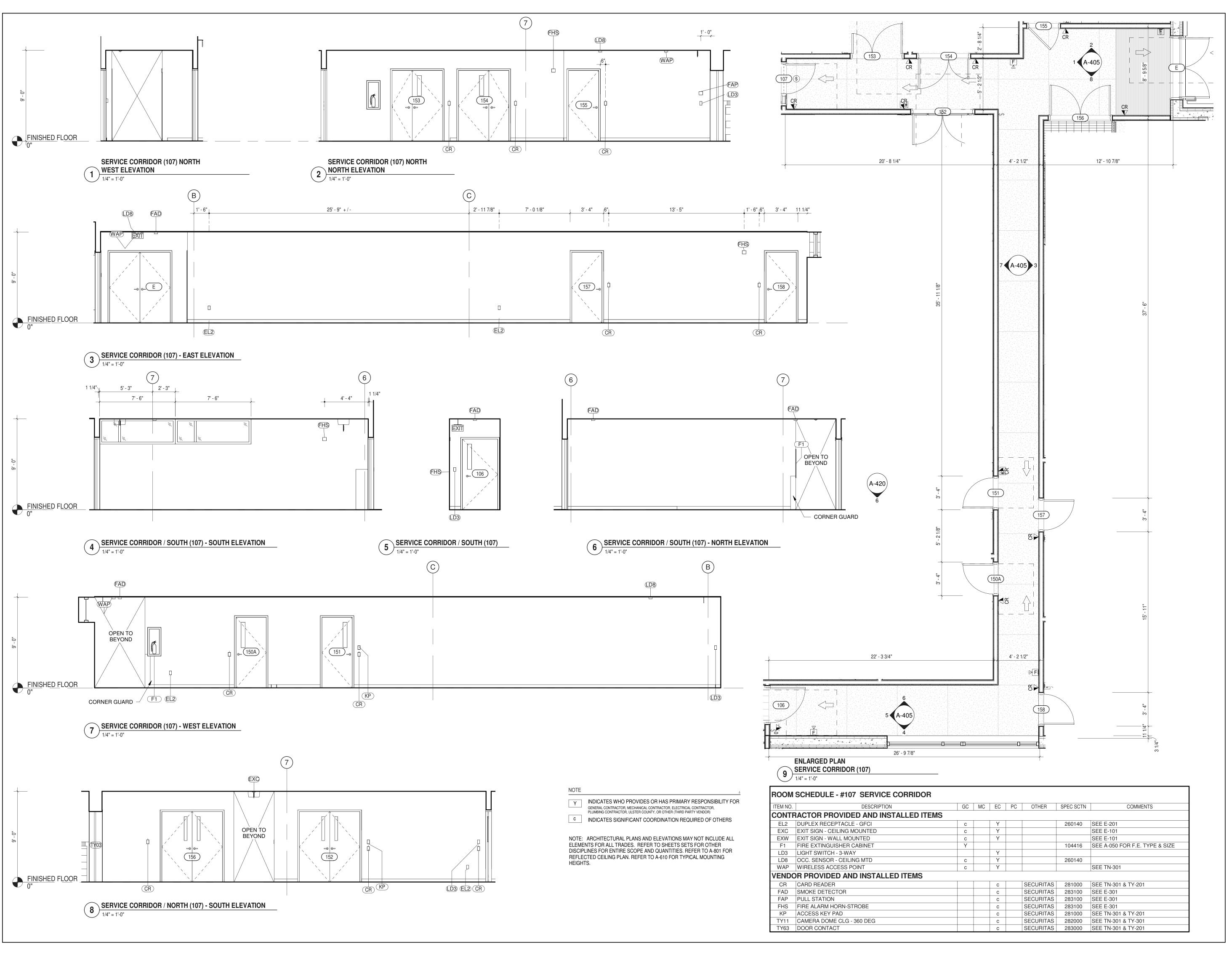
PROJECT ARCHITECT/ENGINEER

UA CHECKED BY C YOUNG UAI PROJECT NO. 2117-00 SCALE As indicated



A-404

RFB-UC24-148C 69 OF 227





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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY

CERAMI ASSOCIATES

1155 15TH STREET #606, WASHINGTON, DC 20005

20 DEC 2024

ISSUE / REVISION NO. DESCRIPTION

100% CD - BID SET

KEY PLAN /

ULSTER COUNTY

GOVERNMENT **OPERATIONS**

CENTER **10 PARADIES LANE**

NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

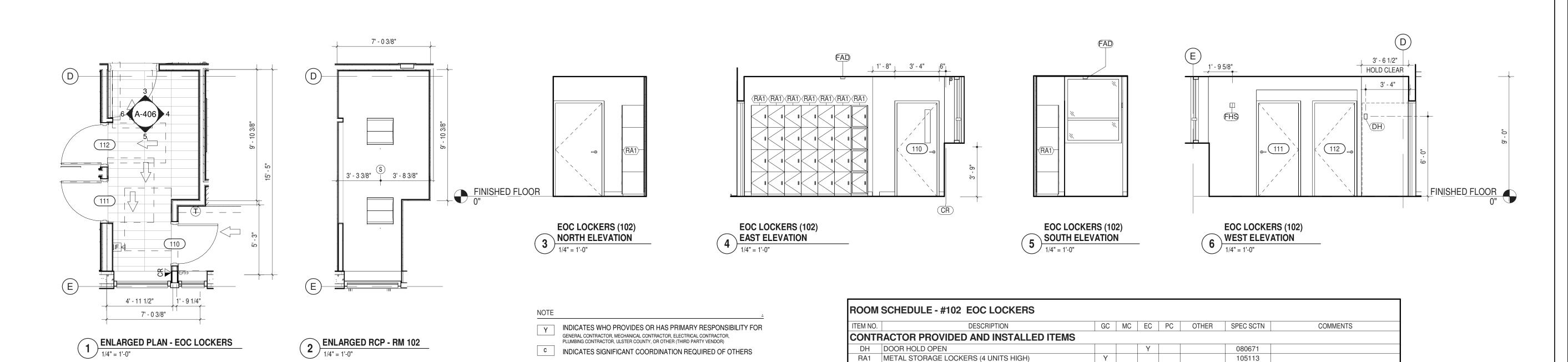
SERVICE CORRIDOR

DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER UA | CHECKED BY C YOUNG DRAWN BY UAI PROJECT NO. 2117-00 | SCALE | As indicated 12/20/2024



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RFB-UC24-148C 70 OF 227



NOTE: ARCHITECTURAL PLANS AND ELEVATIONS MAY NOT INCLUDE ALL

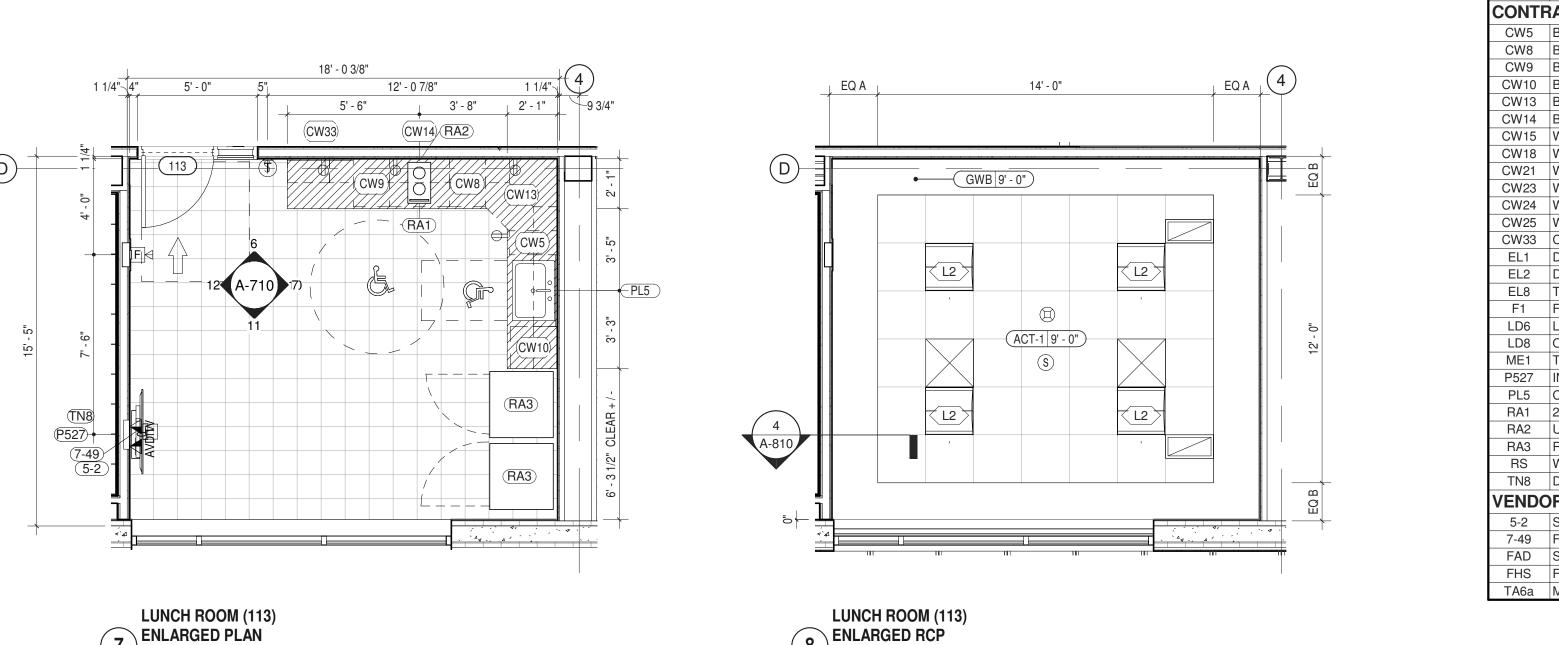
DISCIPLINES FOR ENTIRE SCOPE AND QUANTITIES. REFER TO A-801 FOR REFLECTED CEILING PLAN. REFER TO A-610 FOR TYPICAL MOUNTING

ELEMENTS FOR ALL TRADES. REFER TO SHEETS SETS FOR OTHER

VENDOR PROVIDED AND INSTALLED ITEMS

FAD SMOKE DETECTOR

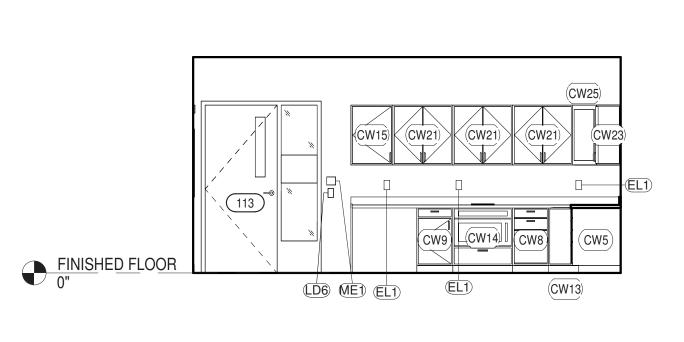
FHS FIRE ALARM HORN-STROBE

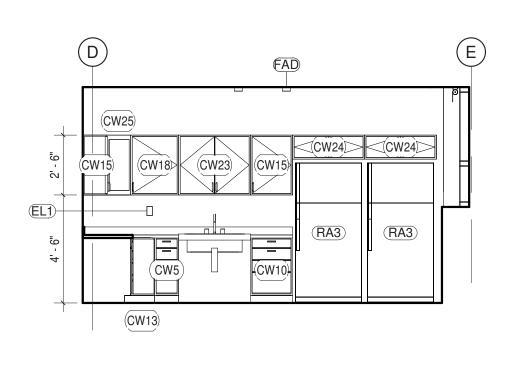


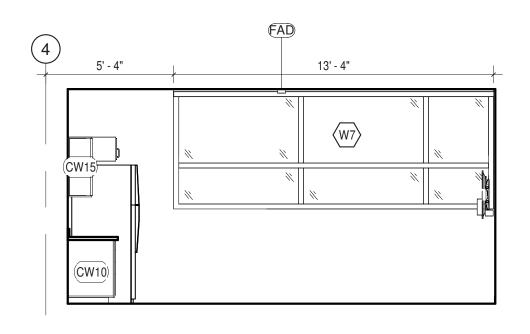


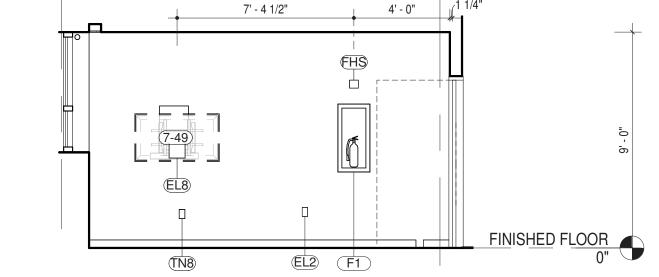
SECURITAS 283100 SEE E-301

SECURITAS 283100 SEE E-301









9 LUNCH ROOM (113) - NORTH ELEVATION

10 LUNCH ROOM (113) - EAST ELEVATION

LUNCH ROOM (113) - SOUTH ELEVATION

1/4" = 1'-0"

12 LUNCH ROOM (113) - WEST ELEVATION

1/4" = 1'-0"



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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC.

80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY CERAMI ASSOCIATES 1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION NO. DESCRIPTION

100% CD - BID SET

20 DEC 2024

KEY PLAN /

ULSTER COUNTY

GOVERNMENT **OPERATIONS**

CENTER 10 PARADIES LANE

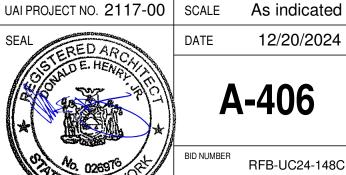
NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

EOC LOCKERS AND LUNCH ROOM

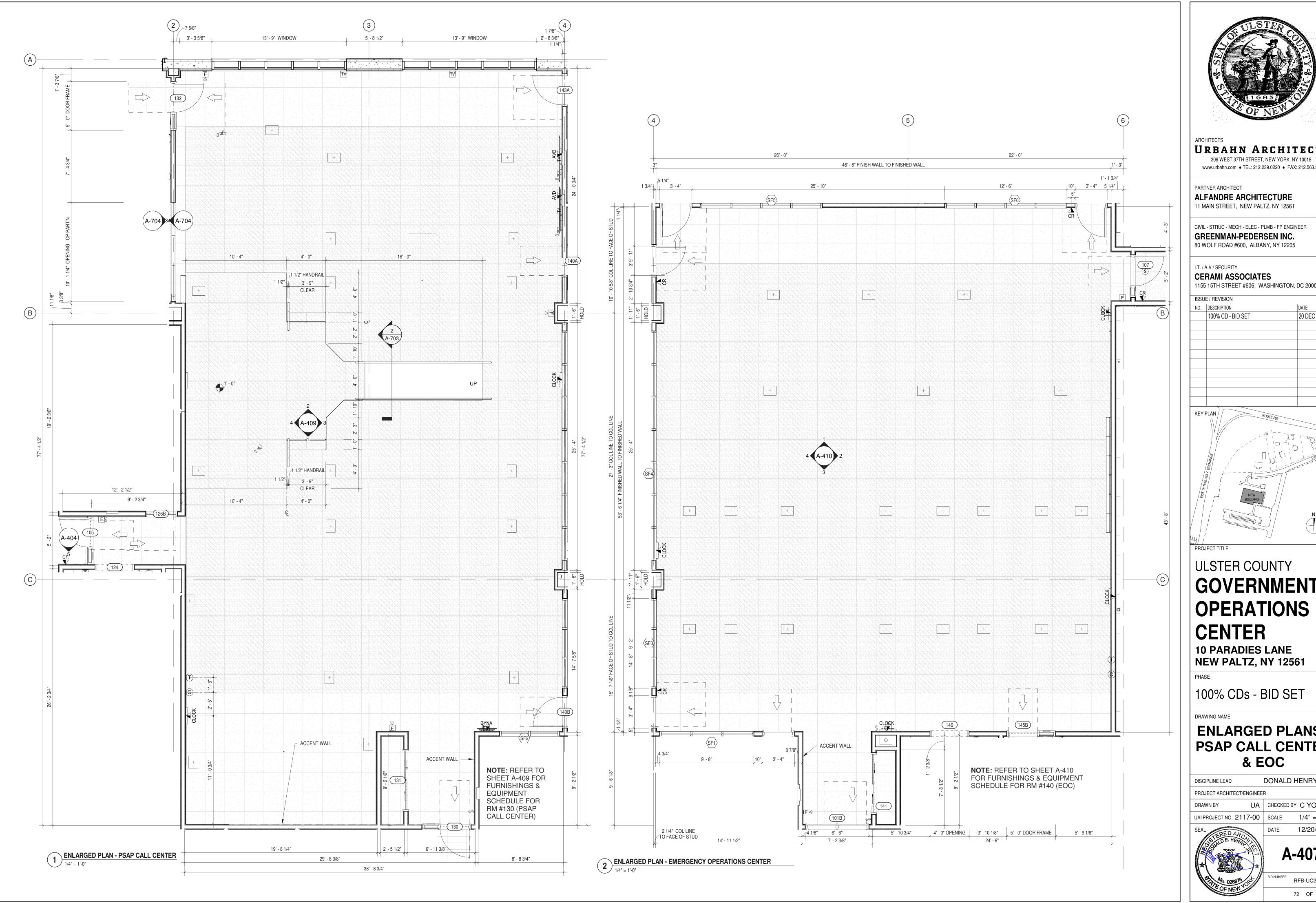
DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER UA | CHECKED BY C YOUNG DRAWN BY



A-406

12/20/2024

RFB-UC24-148C 71 OF 227





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11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC.

1155 15TH STREET #606, WASHINGTON, DC 20005

20 DEC 2024

GOVERNMENT **OPERATIONS**

10 PARADIES LANE

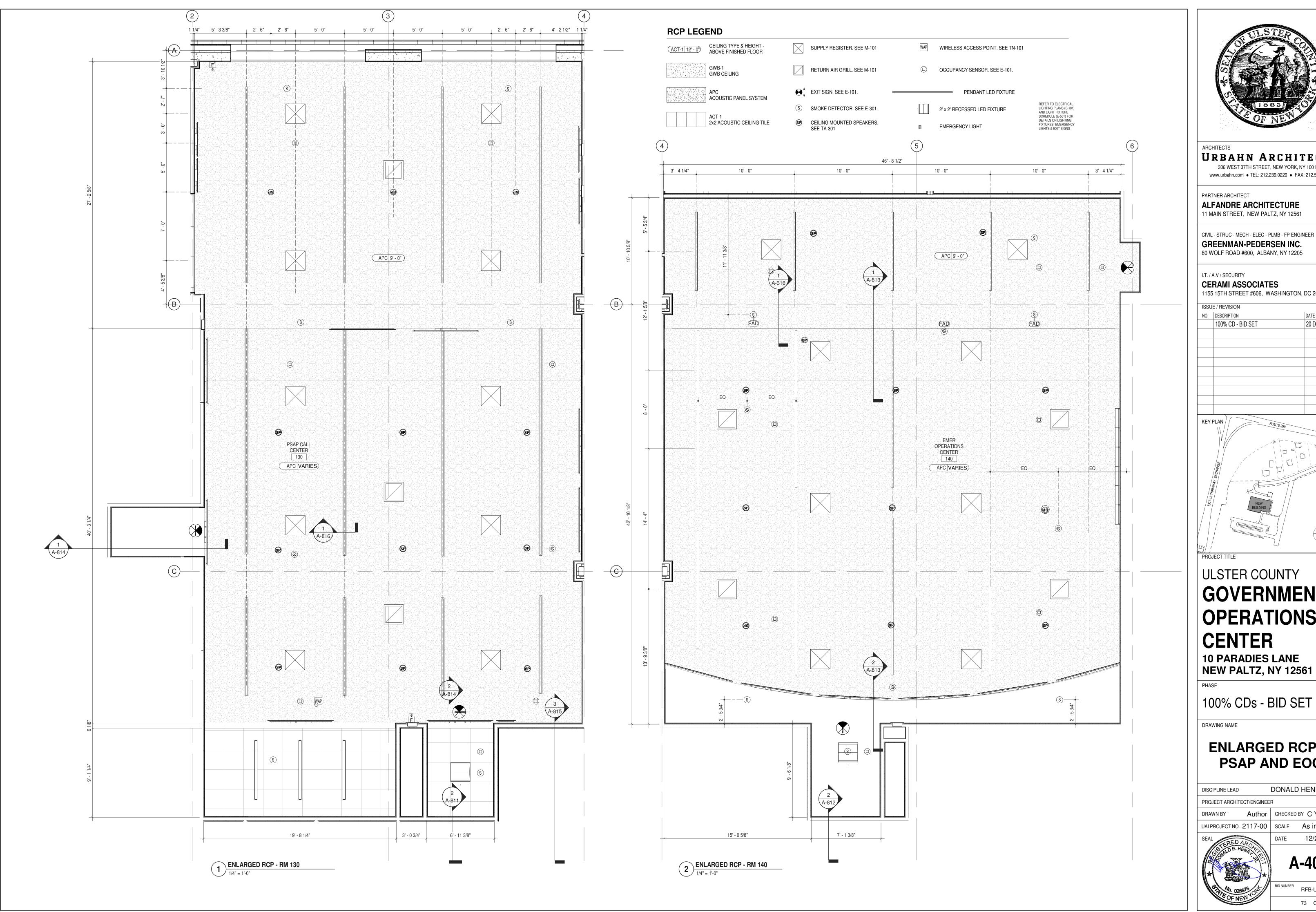
ENLARGED PLANS -PSAP CALL CENTER & EOC

DONALD HENRY, JR.

UA CHECKED BY C YOUNG 1/4" = 1'-0" 12/20/2024

A-407

RFB-UC24-148C 72 OF 227





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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

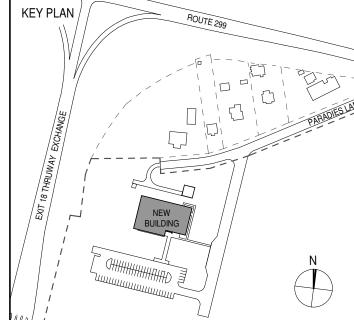
CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY

CERAMI ASSOCIATES 1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION NO. DESCRIPTION

20 DEC 2024 100% CD - BID SET



ULSTER COUNTY

GOVERNMENT **OPERATIONS**

CENTER **10 PARADIES LANE**

100% CDs - BID SET

DRAWING NAME

ENLARGED RCPs -PSAP AND EOC

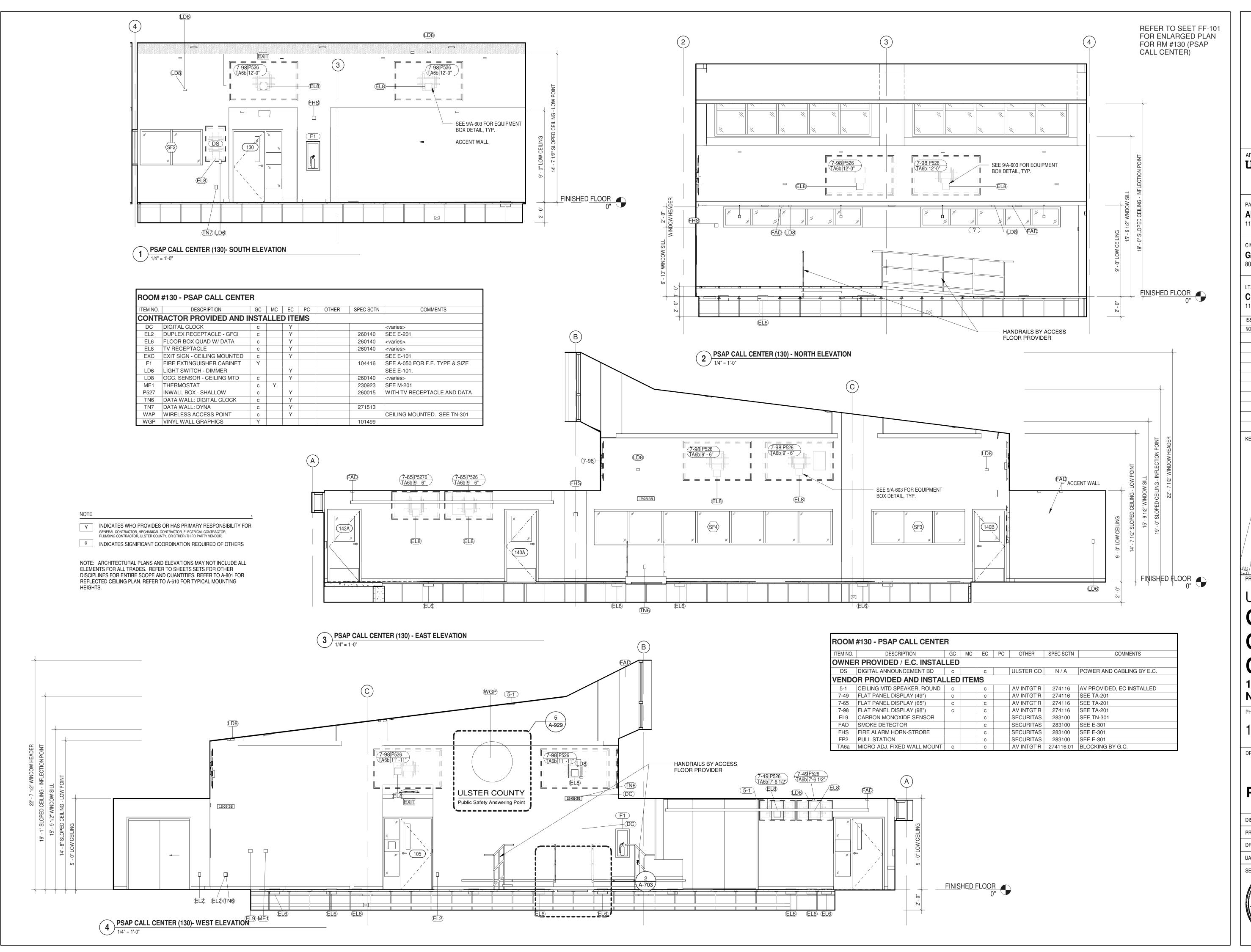
DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER

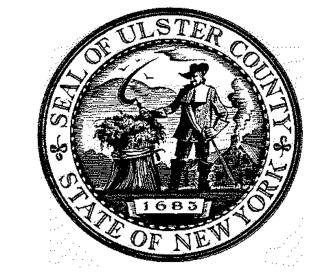
Author CHECKED BY C YOUNG UAI PROJECT NO. 2117-00 | SCALE | As indicated 12/20/2024



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RFB-UC24-148C 73 OF 227





ARCHITECTS

URBAHN ARCHITECTS

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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE
11 MAIN STREET, NEW PALTZ, NY 12561

GREENMAN-PEDERSEN INC.
80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY

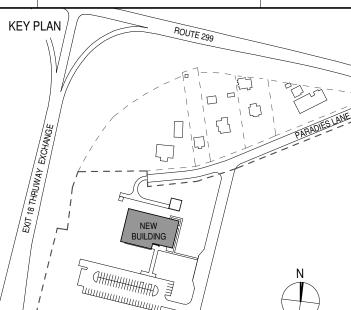
CERAMI ASSO

CERAMI ASSOCIATES
1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION

 NO.
 DESCRIPTION
 DATE

 100% CD - BID SET
 20 DEC 2024



PROJECT TITLE

ULSTER COUNTY

GOVERNMENT OPERATIONS CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

PHASE

100% CDs - BID SET

DRAWING NAME

INTERIOR ELEVS -PSAP CALL CENTER

DONALD HENRY, JR.

PROJECT ARCHITECT/ENGINEER

DRAWN BY

UA

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UAI PROJECT NO. 2117-00

SCALE

As indicated

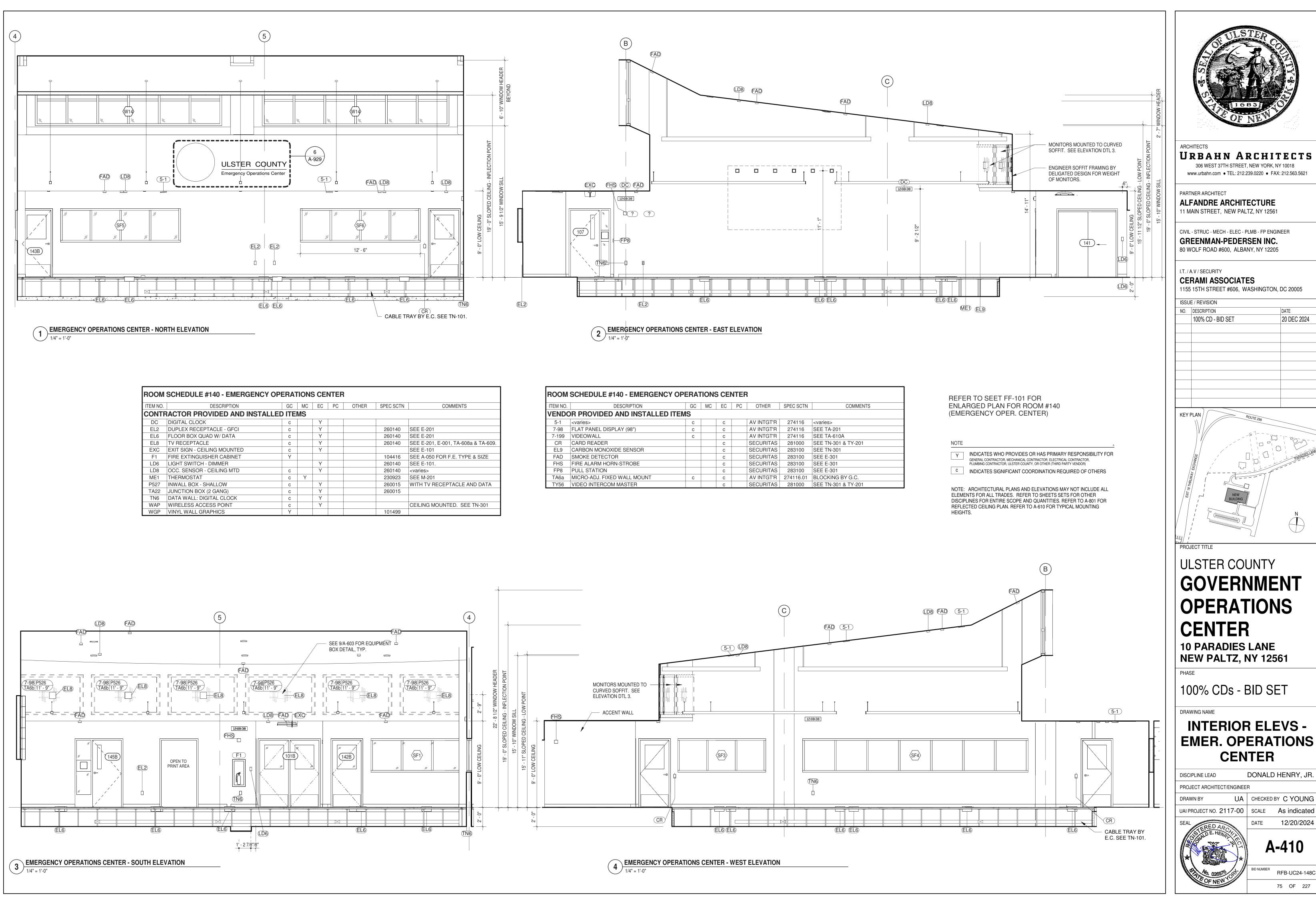
SEAL

DATE

12/20/2024



A-409



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80 WOLF ROAD #600, ALBANY, NY 12205

20 DEC 2024

GOVERNMENT **OPERATIONS**

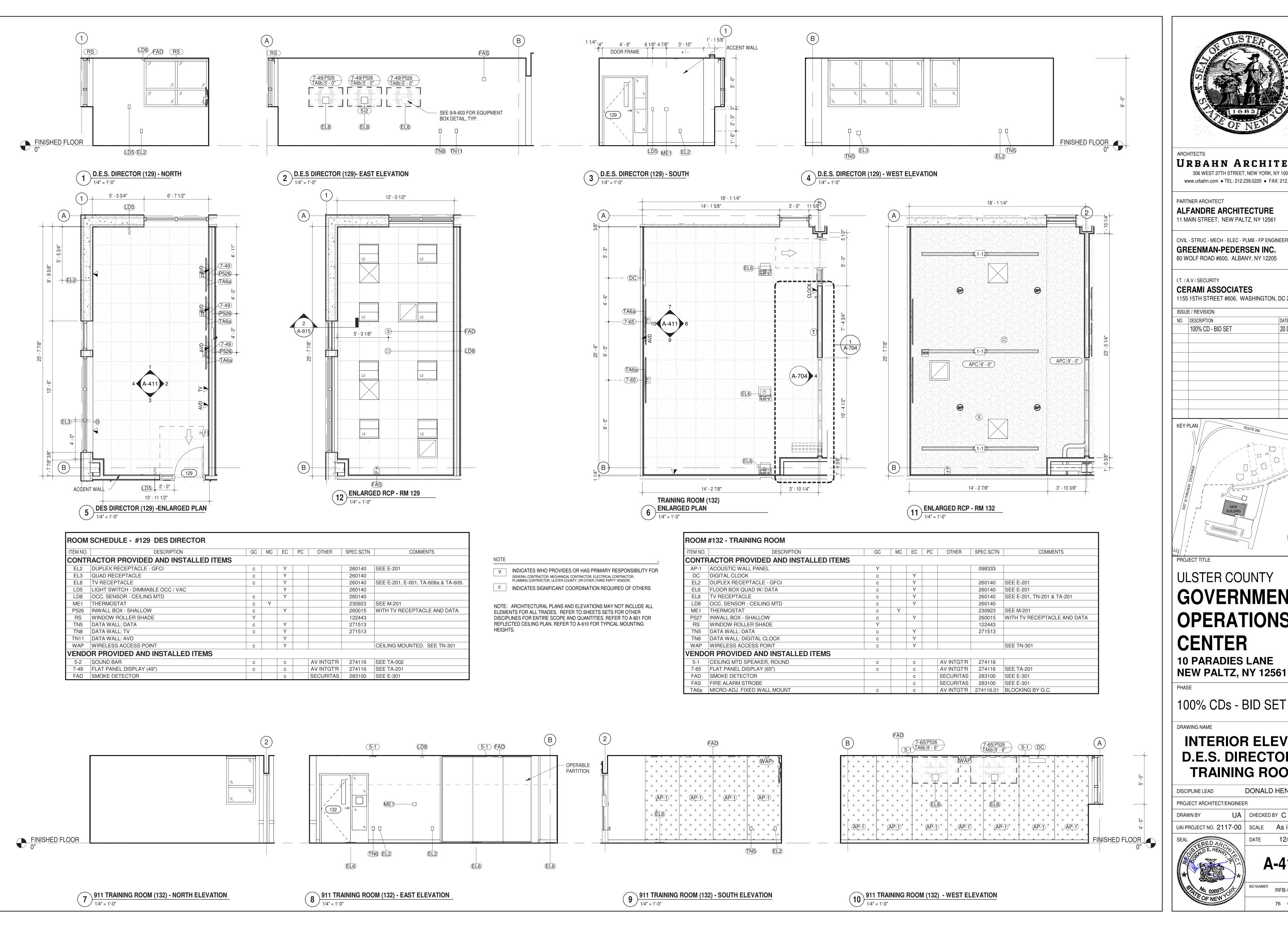
INTERIOR ELEVS -EMER. OPERATIONS

DONALD HENRY, JR

12/20/2024

A-410

RFB-UC24-148C 75 OF 227



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ALFANDRE ARCHITECTURE

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER

CERAMI ASSOCIATES

1155 15TH STREET #606, WASHINGTON, DC 20005

20 DEC 2024

100% CD - BID SET

ULSTER COUNTY

GOVERNMENT **OPERATIONS**

10 PARADIES LANE

100% CDs - BID SET

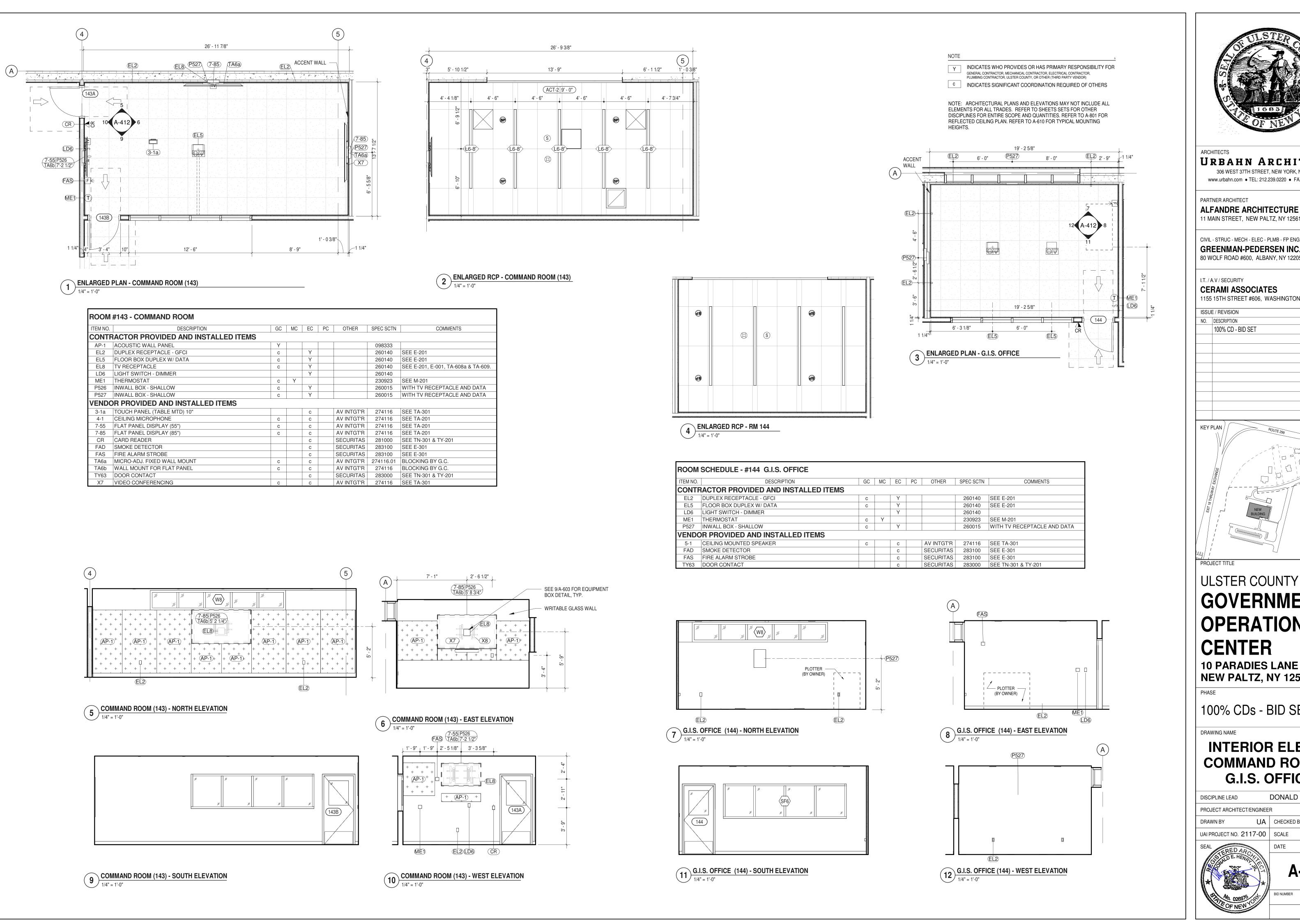
INTERIOR ELEVS -D.E.S. DIRECTOR & TRAINING ROOM

DONALD HENRY, JR PROJECT ARCHITECT/ENGINEER

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A-411

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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER

80 WOLF ROAD #600, ALBANY, NY 12205

I.T. / A.V / SECURITY CERAMI ASSOCIATES

1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION

NO. DESCRIPTION

20 DEC 2024 100% CD - BID SET

KEY PLAN /

ULSTER COUNTY

GOVERNMENT **OPERATIONS** CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

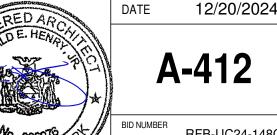
100% CDs - BID SET

DRAWING NAME

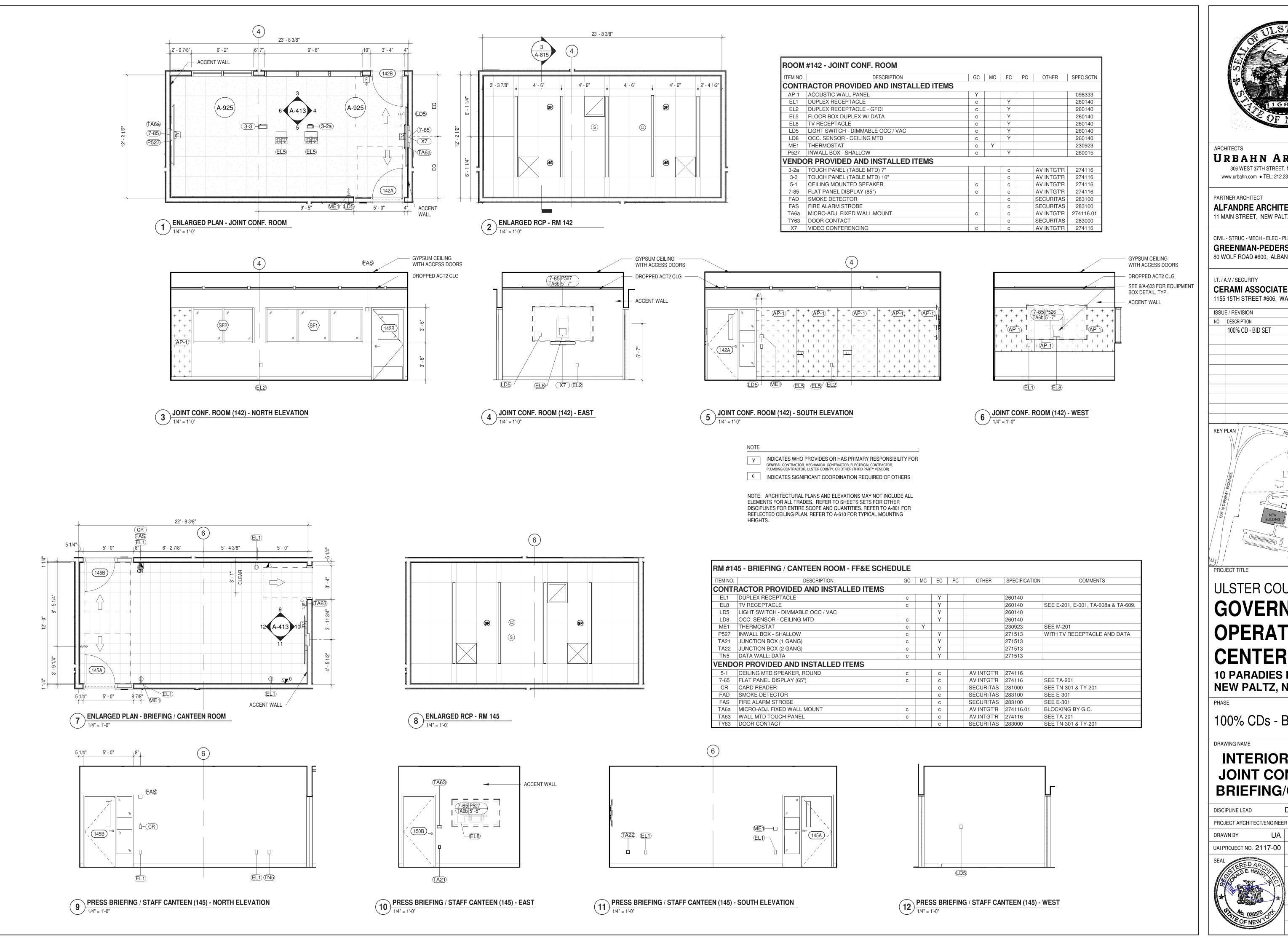
INTERIOR ELEVS -COMMAND ROOM & G.I.S. OFFICE

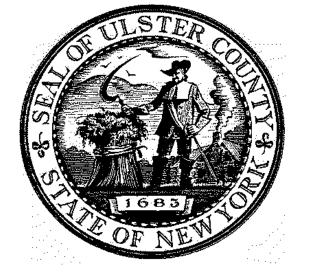
DISCIPLINE LEAD DONALD HENRY, JR PROJECT ARCHITECT/ENGINEER

UA | CHECKED BY C YOUNG DRAWN BY



RFB-UC24-148C 77 OF 227





URBAHN ARCHITECTS

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PARTNER ARCHITECT

ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

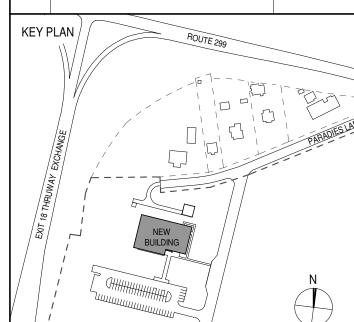
I.T. / A.V / SECURITY CERAMI ASSOCIATES

1155 15TH STREET #606, WASHINGTON, DC 20005

ISSUE / REVISION

NO. DESCRIPTION 20 DEC 2024

100% CD - BID SET



ULSTER COUNTY

GOVERNMENT **OPERATIONS** CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

INTERIOR ELEVS -JOINT CONF. RM. & BRIEFING/CANTEEN

DONALD HENRY, JR DISCIPLINE LEAD

DRAWN BY

UA | CHECKED BY C YOUNG UAI PROJECT NO. 2117-00 | SCALE | As indicated

A-413

12/20/2024

RFB-UC24-148C 78 OF 227



PARTNER ARCHITECT

ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC.

I.T. / A.V / SECURITY CERAMI ASSOCIATES 1155 15TH STREET #606. WASHINGTON, DC 20005

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NO. DESCRIPTION 100% CD - BID SET

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KEY PLAN /

ULSTER COUNTY

GOVERNMENT **OPERATIONS**

CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

INTERIOR ELEVS -RECORD RM, QUIET RM & PRINT AREA

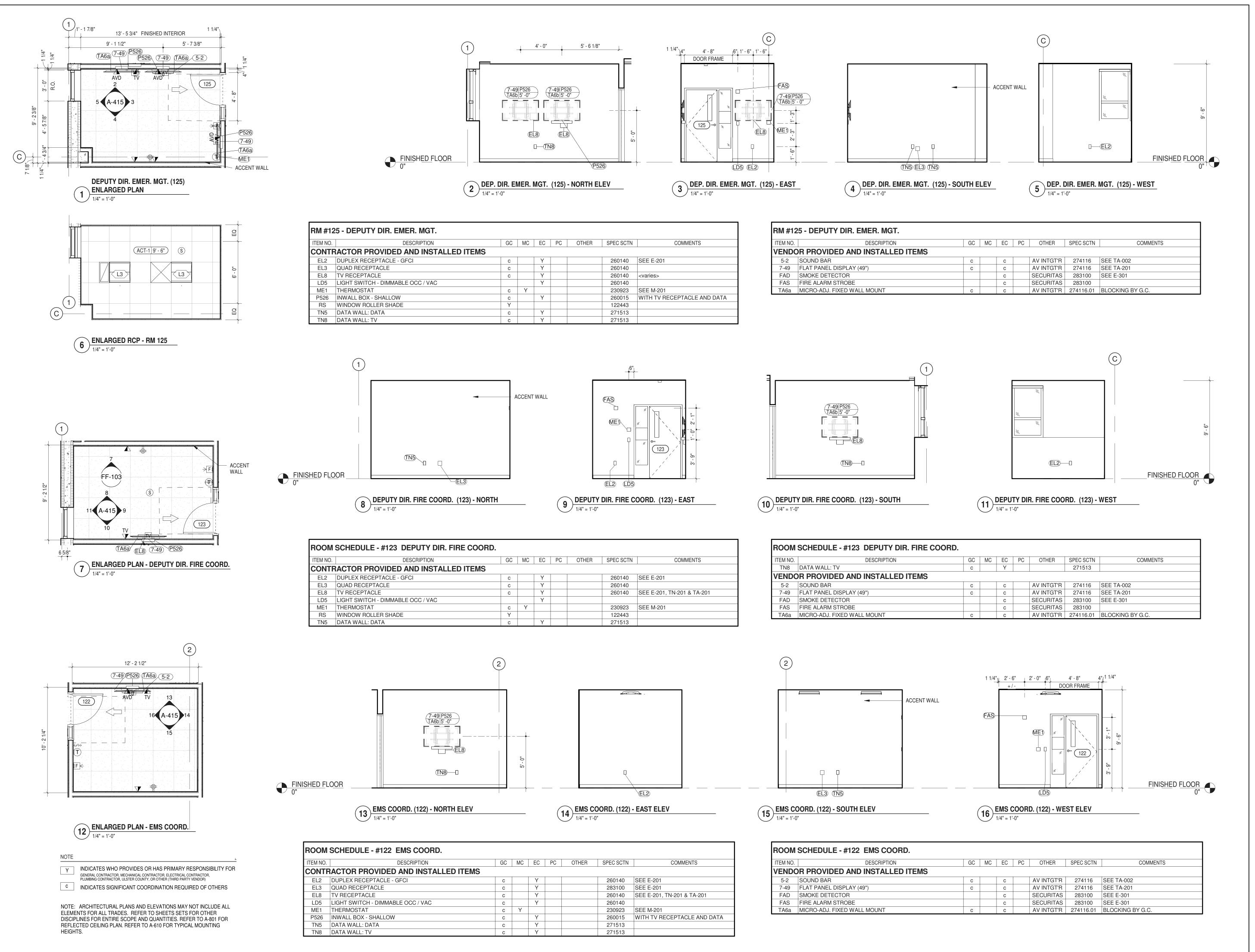
DONALD HENRY, JR DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER UA | CHECKED BY C YOUNG

DRAWN BY UAI PROJECT NO. 2117-00 | SCALE As indicated

A-414 RFB-UC24-148C

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12/20/2024





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PARTNER ARCHITECT ALFANDRE ARCHITECTURE

11 MAIN STREET, NEW PALTZ, NY 12561

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20 DEC 2024 100% CD - BID SET

KEY PLAN /

ULSTER COUNTY

GOVERNMENT **OPERATIONS**

CENTER 10 PARADIES LANE

NEW PALTZ, NY 12561

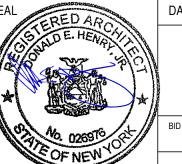
100% CDs - BID SET

INTERIOR ELEVS -D.D./EMER. MGT., D.D./ FIRE COORD. & EMS COORD.

DONALD HENRY, JR. DISCIPLINE LEAD

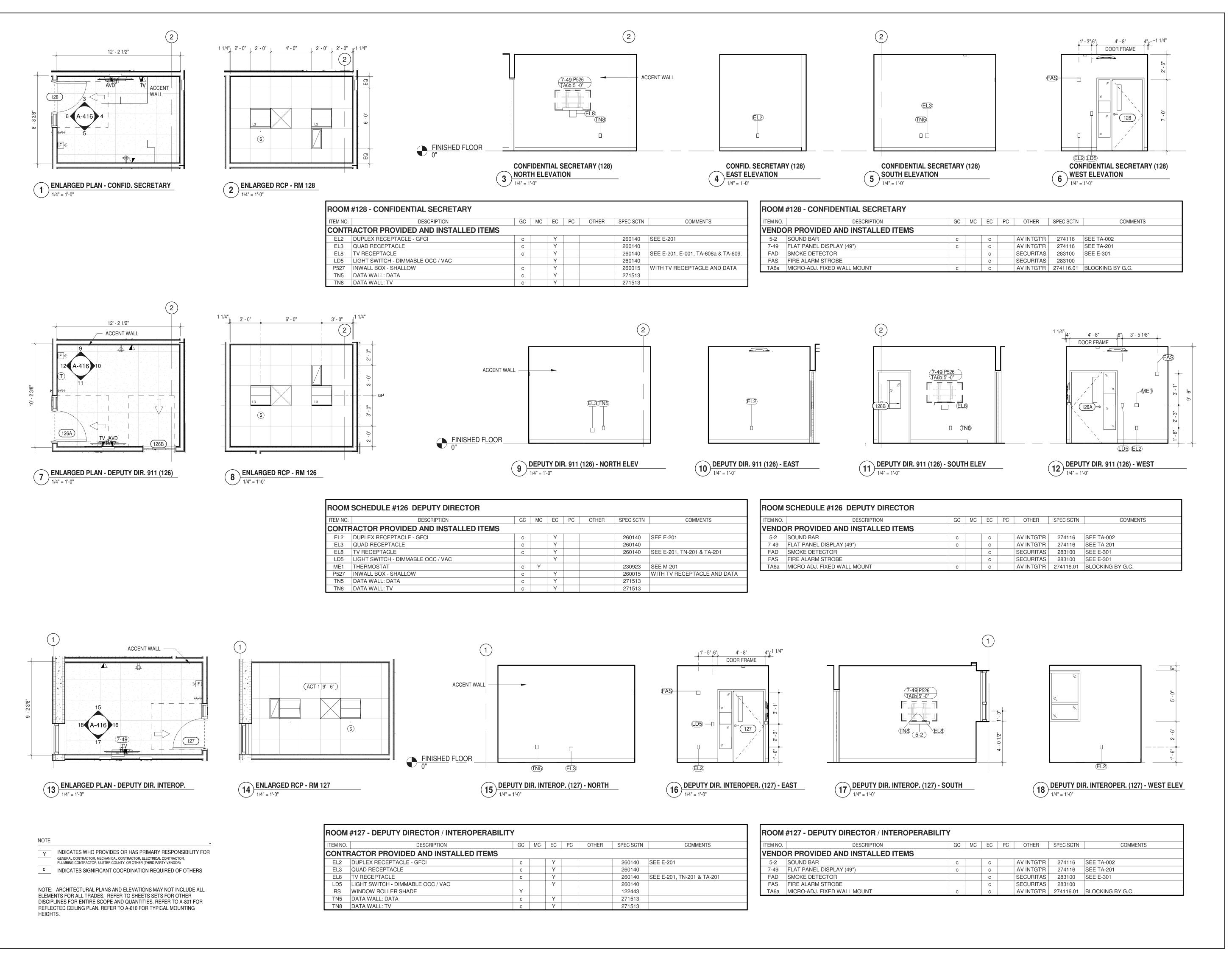
PROJECT ARCHITECT/ENGINEER DRAWN BY

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1155 15TH STREET #606, WASHINGTON, DC 20005

KEY PLAN /

ULSTER COUNTY

GOVERNMENT **OPERATIONS**

CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

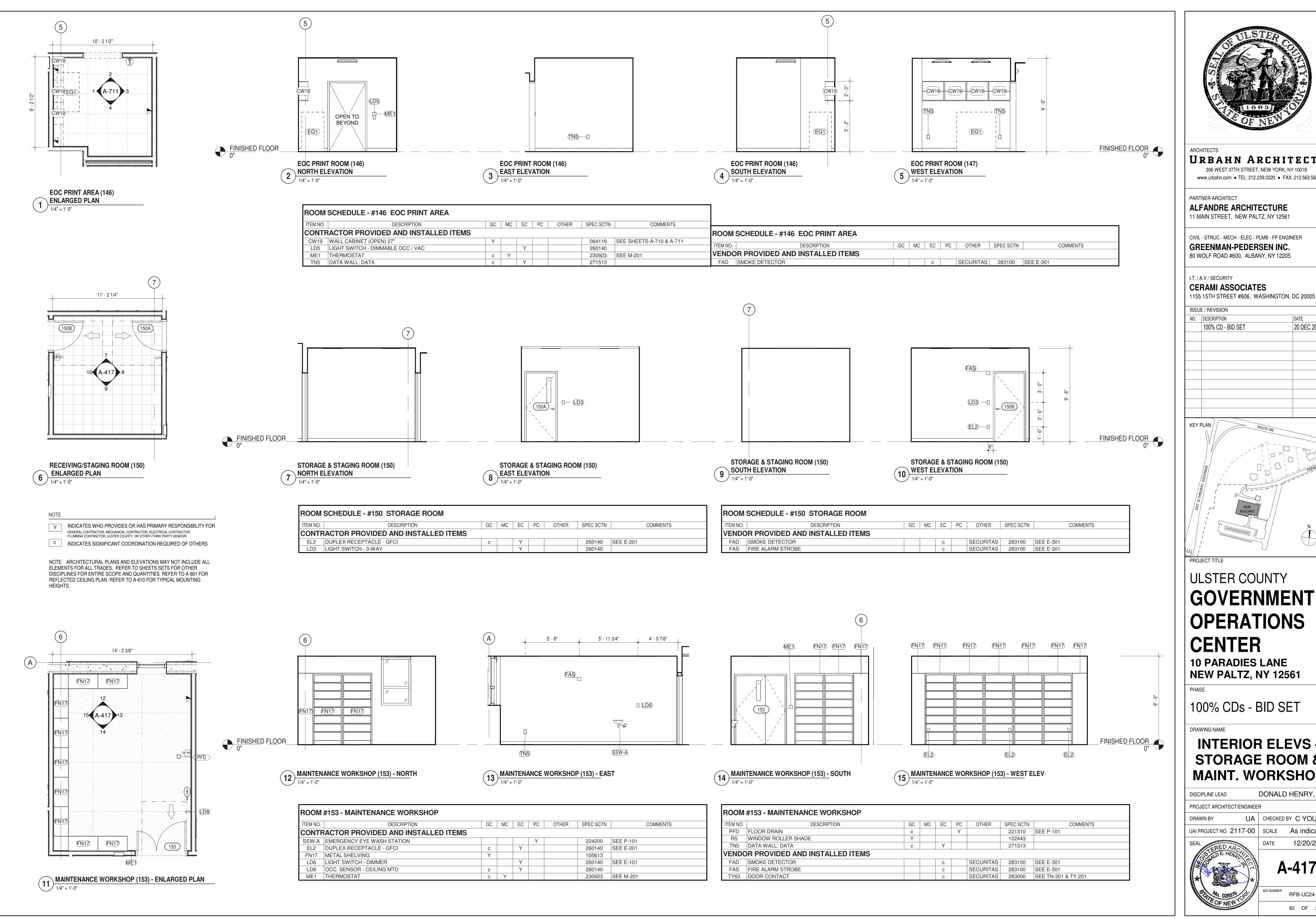
INTERIOR ELEVS -CONF. SECRT'Y, **DEP DIR. 911 & INTEROPERABILITY**

DONALD HENRY, JR. DISCIPLINE LEAD

PROJECT ARCHITECT/ENGINEER UA | CHECKED BY C YOUNG DRAWN BY

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KEY PLAN /

ULSTER COUNTY

GOVERNMENT **OPERATIONS**

CENTER **10 PARADIES LANE**

NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

INTERIOR ELEVS -STORAGE ROOM & MAINT. WORKSHOP

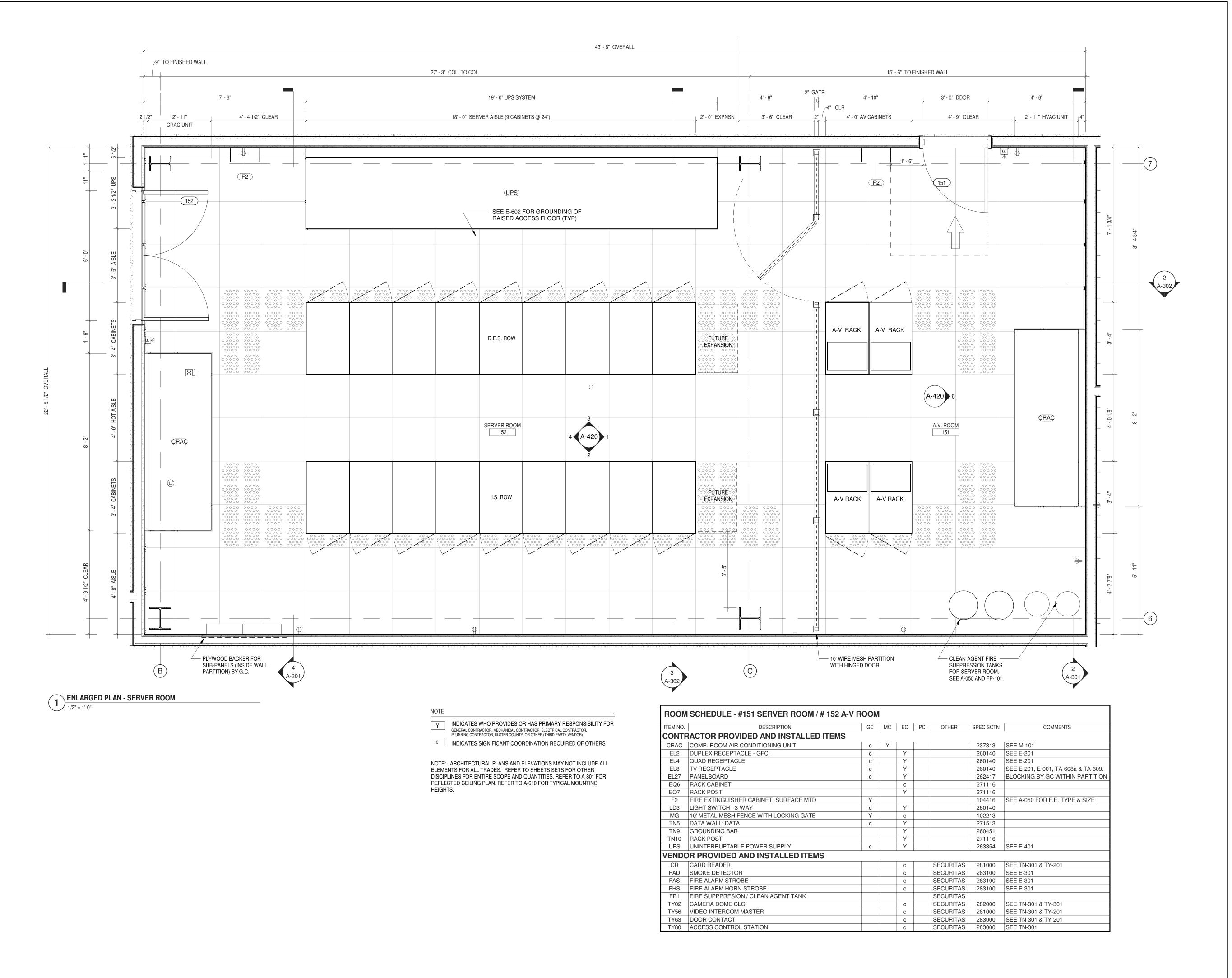
DONALD HENRY, JR DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER

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PARTNER ARCHITECT ALFANDRE ARCHITECTURE

11 MAIN STREET, NEW PALTZ, NY 12561

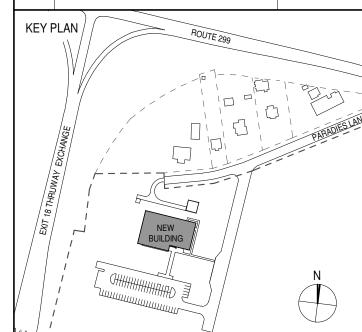
CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

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10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

ENLARGED PLAN -SERVER ROOM

DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER

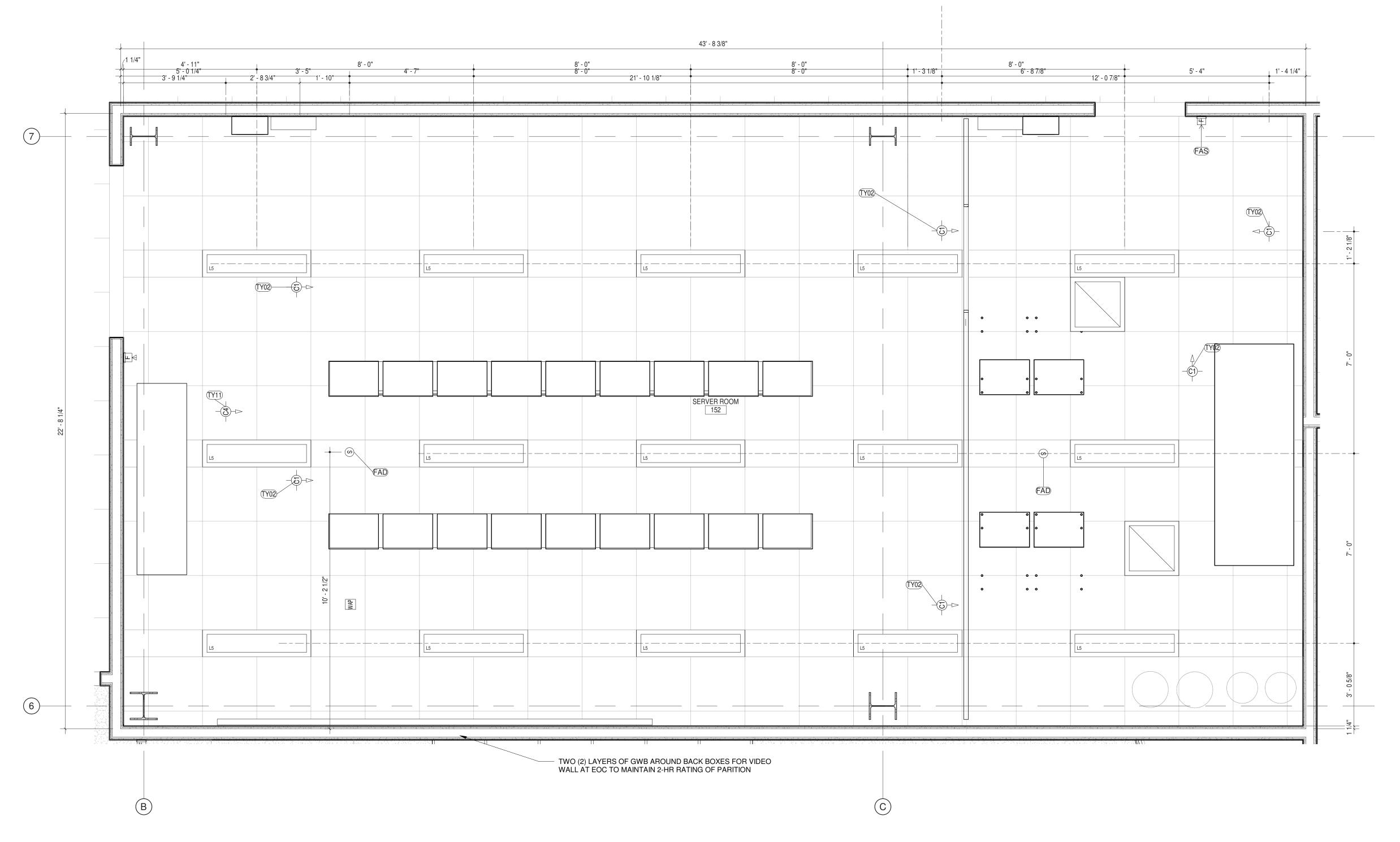
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UA | CHECKED BY C YOUNG UAI PROJECT NO. 2117-00 | SCALE | As indicated 12/20/2024



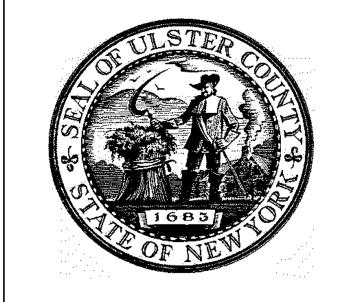
A-418

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ENLARGED RCP - SERVER ROOM

1/2" = 1'-0"



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CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

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100% CD - BID SET 20 DEC 2024

KEY PLAN /

ULSTER COUNTY

GOVERNMENT **OPERATIONS**

NEW PALTZ, NY 12561

CENTER 10 PARADIES LANE

100% CDs - BID SET

DRAWING NAME

SERVER ROOM ENLARGED RCP

DONALD HENRY, JR. DISCIPLINE LEAD

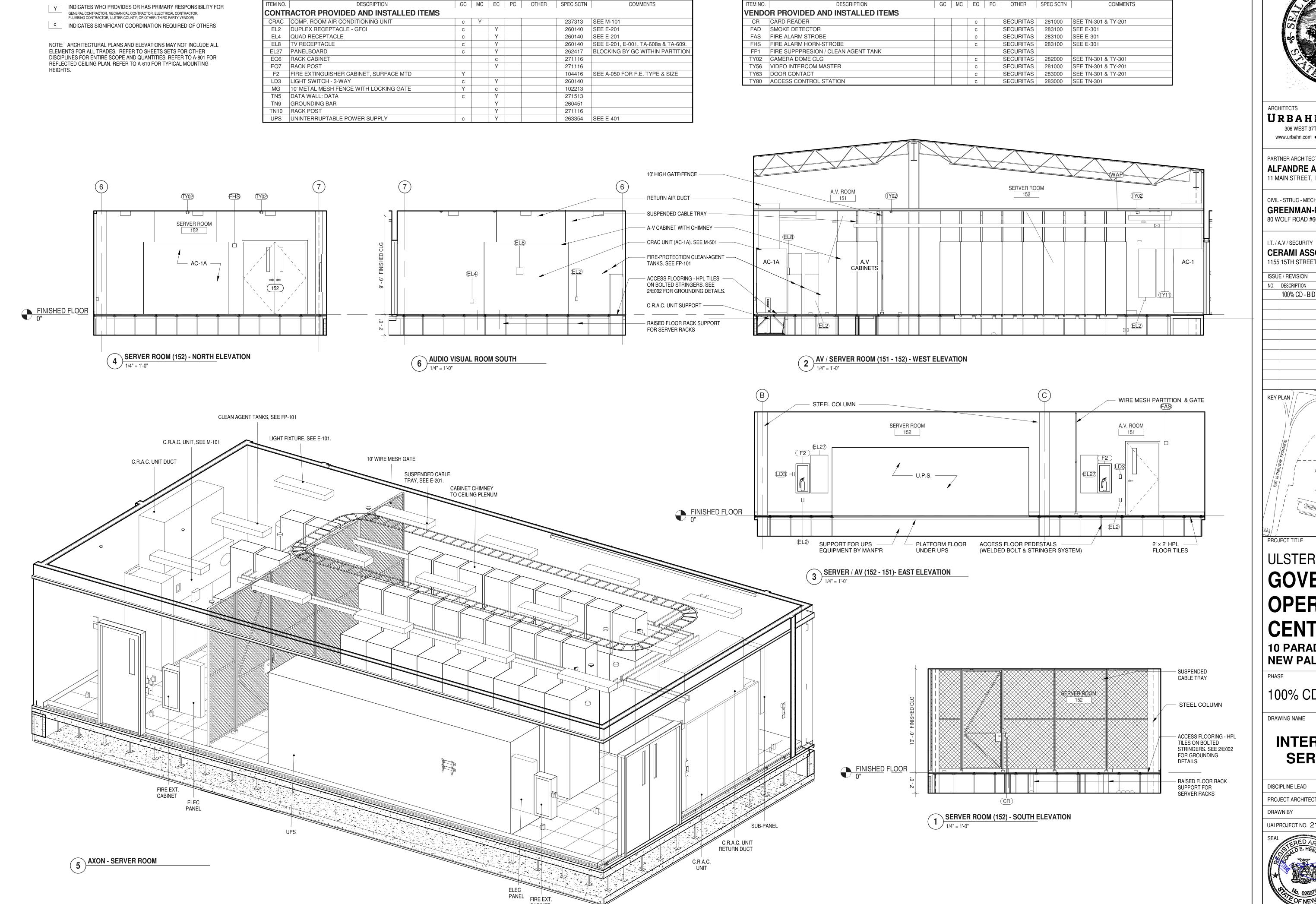
PROJECT ARCHITECT/ENGINEER

Author | CHECKED BY C YOUNG UAI PROJECT NO. 2117-00 SCALE 1/2" = 1'-0" 12/20/2024



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RFB-UC24-148C



ROOM SCHEDULE - #151 SERVER ROOM / # 152 A-V ROOM

ROOM SCHEDULE - #151 SERVER ROOM / # 152 A-V ROOM

NOTE



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CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER

GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

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1155 15TH STREET #606, WASHINGTON, DC 20005

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20 DEC 2024

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ULSTER COUNTY

GOVERNMENT **OPERATIONS CENTER**

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

INTERIOR ELEVS -SERVER ROOM

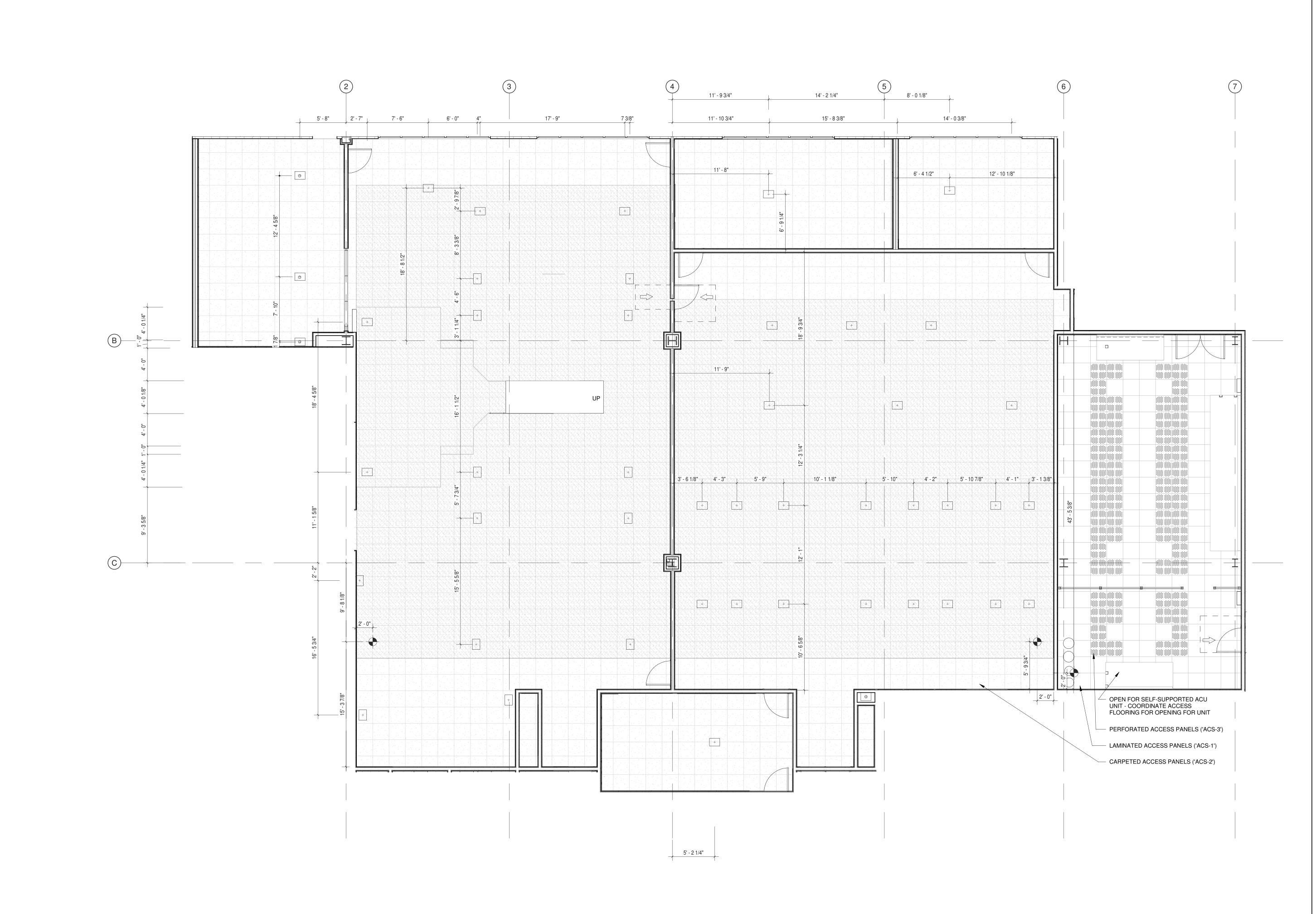
DONALD HENRY, JR DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER UA CHECKED BY C YOUNG

UAI PROJECT NO. 2117-00 | SCALE

As indicated

A-420

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ULSTER COUNTY

GOVERNMENT **OPERATIONS**

CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

ENLARGED PLAN -ACCESS FLOOR

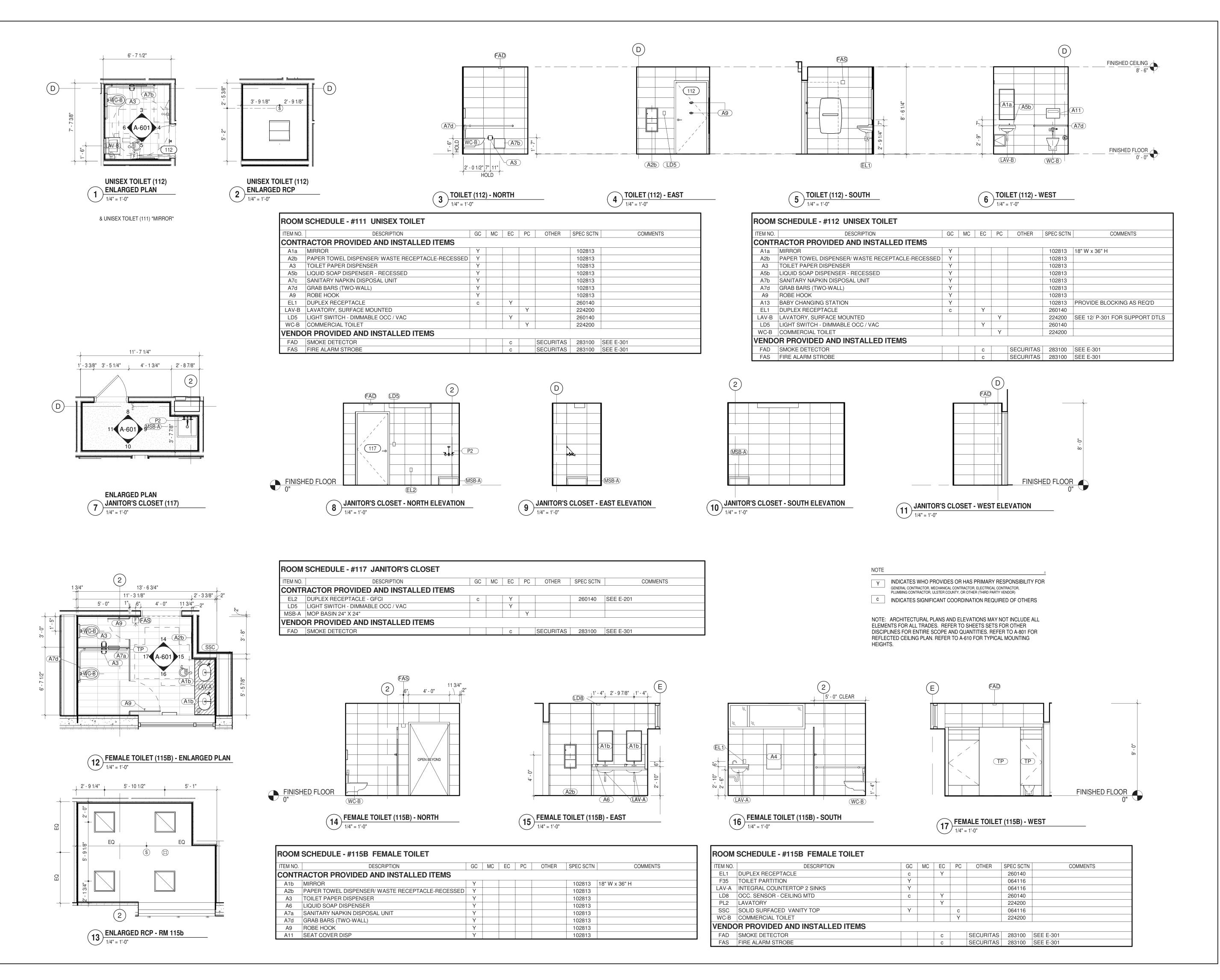
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PROJECT ARCHITECT/ENGINEER

Author | CHECKED BY C YOUNG UAI PROJECT NO. 2117-00 | SCALE | 3/16" = 1'-0"

12/20/2024 A-500

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KEY PLAN /

ULSTER COUNTY

GOVERNMENT **OPERATIONS** CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

UNISEX TOILETS & JANITOR'S CL & FEMALE TOILET

DONALD HENRY, JR DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER

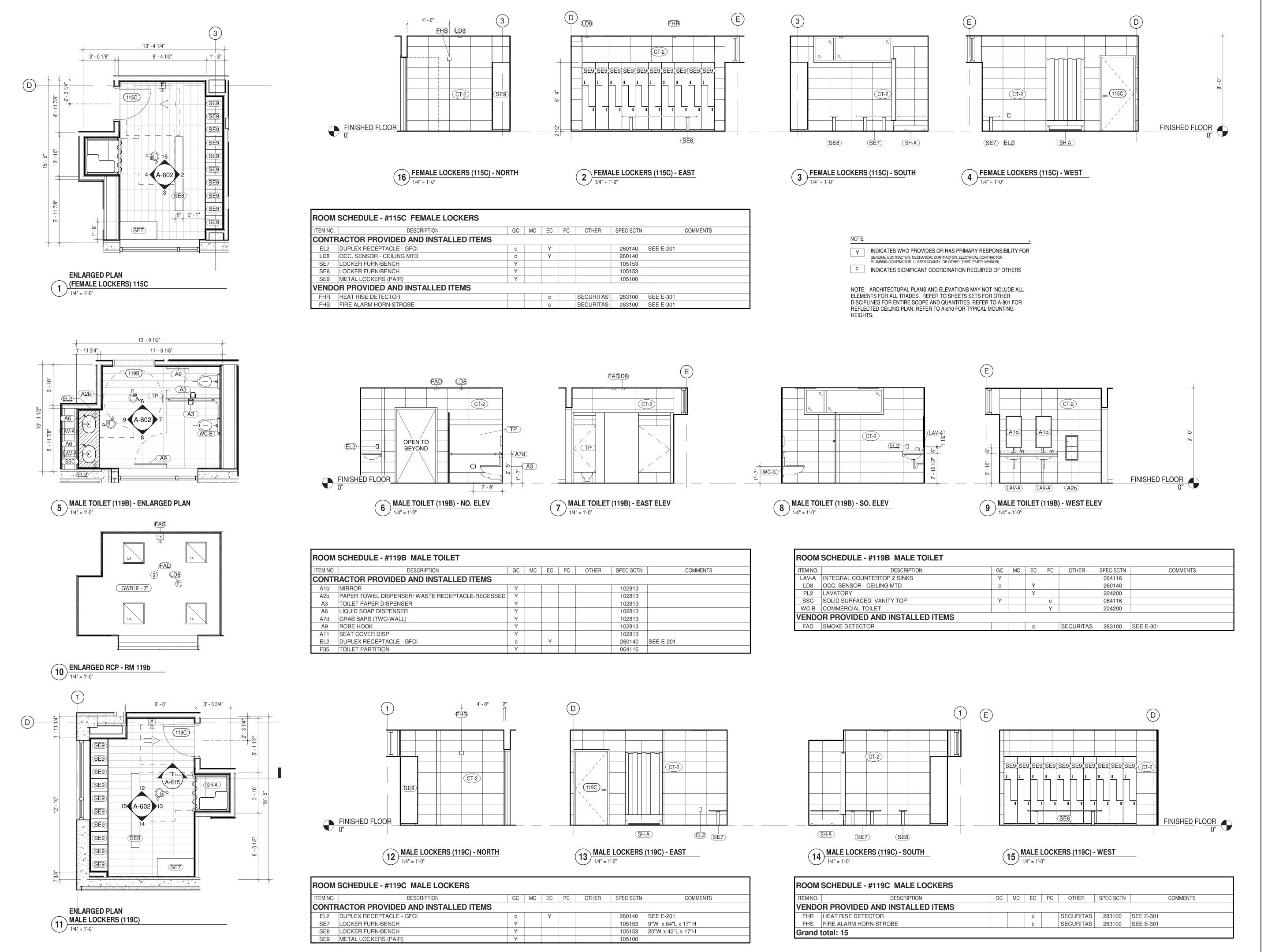
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ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER

GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

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KEY PLAN /

ULSTER COUNTY

GOVERNMENT **OPERATIONS**

CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

FEMALE LOCKERS & MALE TOILET / MALE LOCKERS

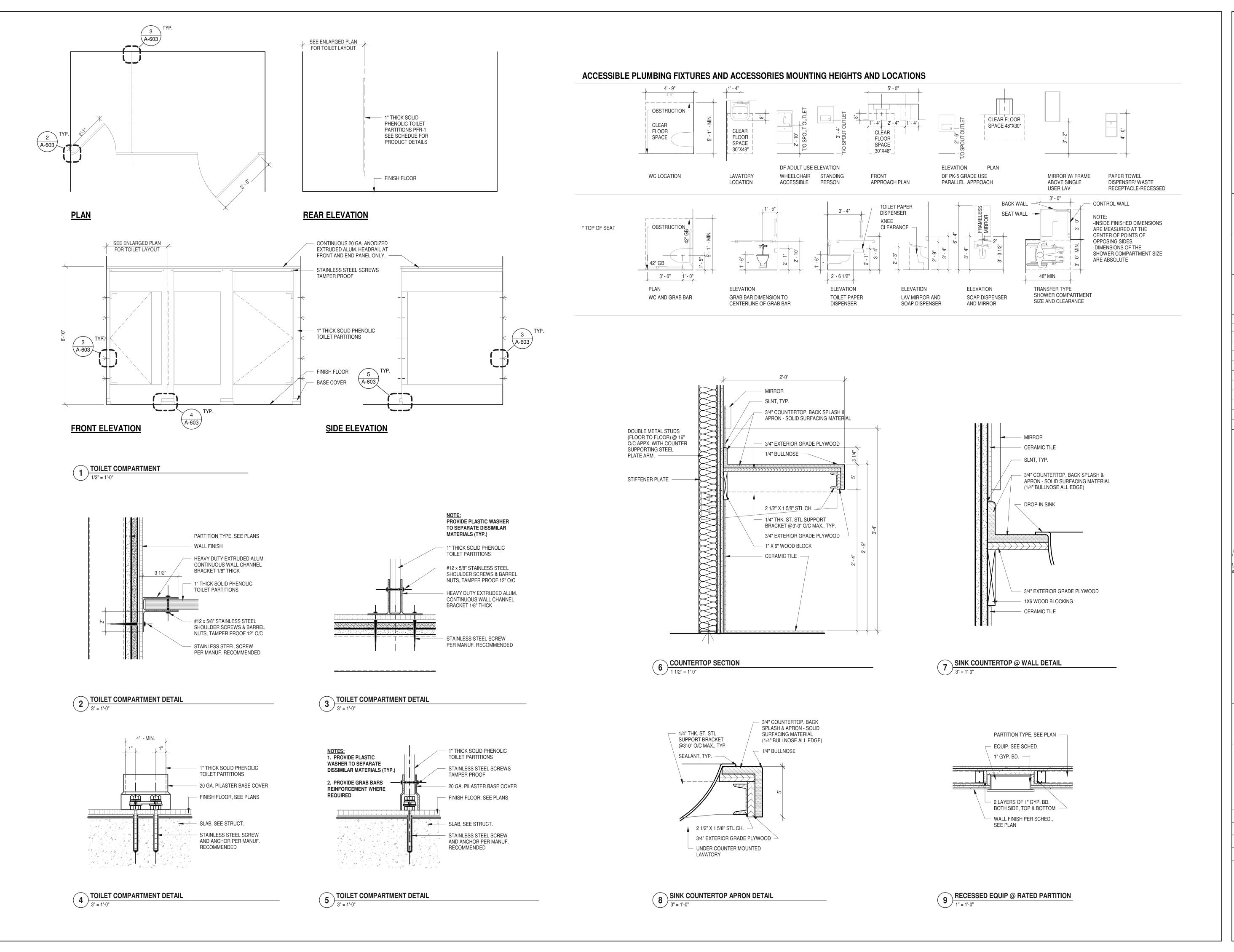
DONALD HENRY, JR DISCIPLINE LEAD

PROJECT ARCHITECT/ENGINEER

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A-602

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ALFANDRE ARCHITECTURE 11 MAIN STREET, NEW PALTZ, NY 12561

CIVIL - STRUC - MECH - ELEC - PLMB - FP ENGINEER

GREENMAN-PEDERSEN INC. 80 WOLF ROAD #600, ALBANY, NY 12205

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ISSUE / REVISION NO. DESCRIPTION

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ULSTER COUNTY

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10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

TOILET ROOM DETAILS

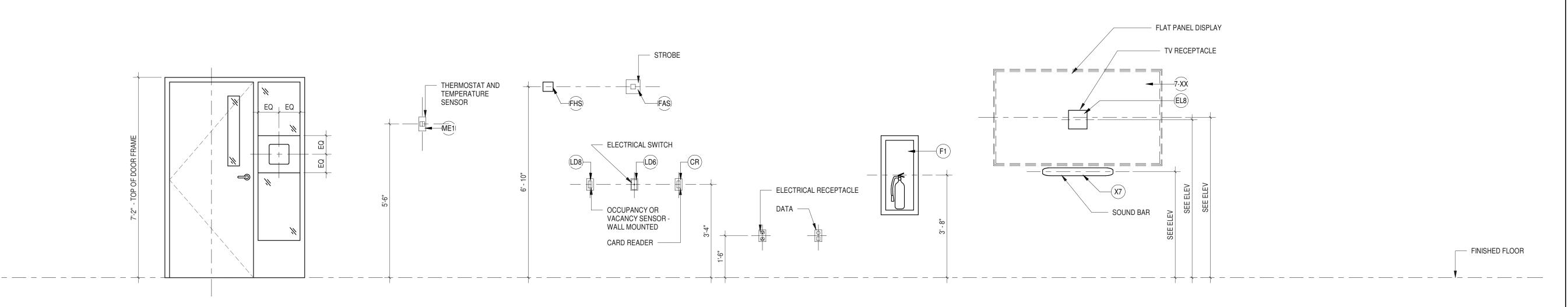
DONALD HENRY, JR. DISCIPLINE LEAD PROJECT ARCHITECT/ENGINEER

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Author | CHECKED BY C YOUNG UAI PROJECT NO. 2117-00 | SCALE | As indicated 12/20/2024

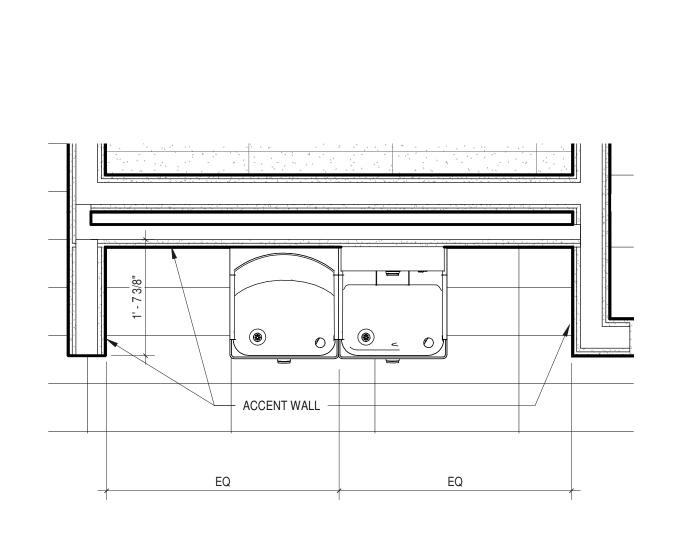
A-603

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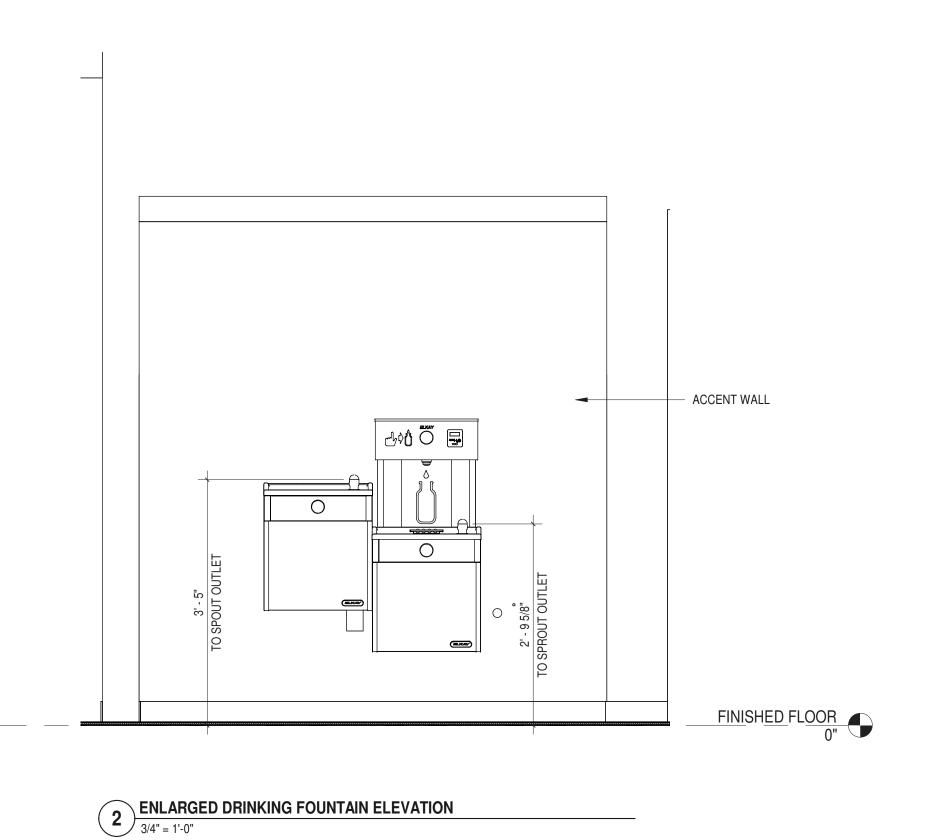


TYPICAL MOUNTING HEIGHTS

1/2" = 1'-0"



1 ENLARGED DRINKING FOUNTAIN PLAN
3/4" = 1'-0"





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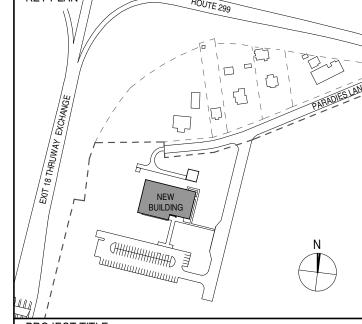
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ULSTER COUNTY

GOVERNMENT **OPERATIONS**

CENTER

10 PARADIES LANE NEW PALTZ, NY 12561

100% CDs - BID SET

DRAWING NAME

MOUNTING HTS & ELECTRIC WATER COOLER DETAILS

DISCIPLINE LEAD DONALD HENRY, JR. PROJECT ARCHITECT/ENGINEER UA CHECKED BY C YOUNG

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