DRAWING INDEX

E-1

TOPOGRAPHIC SURVEY OF HOUSING LOCATIONS 1 & 7

LANDSCAPE

L1.00 INSTRUCTOR HOUSING NORTH - SITE PLAN L2.00 INSTRUCTOR HOUSING NORTH - SITE NARRATIVE

ARCHITECTURE

APPENDIX B

A1.02

FLOOR PLAN A2.02 REFLECTED CEILING & ROOF PLANS

FINISH UNIT FLOOR PLANS & FINISH LEGEND

A5.01

A5.02 A5.03



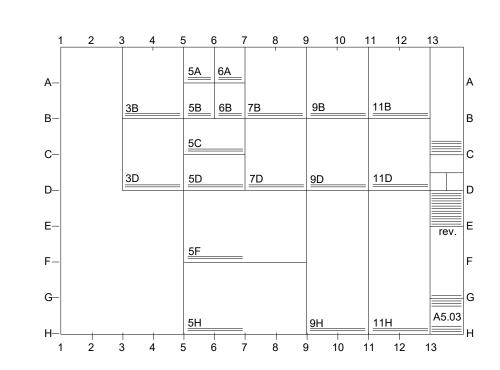
630 N. Liberty Street I Winston-Salem, NC 27101 p. 336.701.0130 I www.stitchdesignshop.com

DATE: 12-04-2023

PROJECT NUMBER:0054

Copyright 2022 STITCH design + development, PLLC

DETAIL REFERENCE



DETAILS ARE REFERENCED ACCORDING TO THEIR POSITION ON THE DRAWING SHEET. THE SYSTEM IS SIMILAR TO THAT OF A MAP. THE DRAWING SHEET IS DIVIDED INTO A GRID WITH LETTERS ON THE SIDES AND NUMBERS GOING ACROSS AS SHOWN ABOVE. FOR EXAMPLE DETAIL 9D.A5.03 WOULD BE FOUND AT THE INTERSECTION OF LINES 9 AND ON SHEET A5.03

ABBREVIATIONS

0	and	C.H.	ceiling height	E.C.	electrical contractor	H.B.	hose bibb	MAX.	maximum	Q.T.	quarry tile	SUSP. SW.	suspended switch
&	and	C.n. C.l.	cast iron	E.J.	expansion joint	H.C.	hollow core	MBR.	member		,	SYM.	
_	angle	C.I. C.J.	control joint or	E.W.C.	electric water cooler	H.M.	hollow metal	MECH.	mechanic (al)	R.	riser, radius	STIVI.	symmetry (ical)
@	at	C.J.	,	EA.	each	H.P.	horsepower	MED.	medium	R.A.	return air		
		0.14.T	construction joint	ELAS.	elastometric	HDW.	hardware	MEMB.	membrane	R.C.P.	reinforced concrete pipe	T&B.	top and bottom
<u>င</u>	centerline	C.M.T.	ceramic mosaic tile	ELEC.	electric (al)	HDWD.	hardwood	MTL.	metal	R.D.	roof drain	T&G.	tongue and groove
г	channel	C.M.U.	concrete masonry unit		electric cabinet	HORIZ.	horizontal	MEZZ.	mezzanine	R.H.	right hand	T.	tread
ι ~	diameter or round	C.T.	ceramic tile	ELEV.	elevator, elevation	HT.	height	MFGR.	manufacture (er)	R.O.	rough opening	T.C.	top of curb
Ø		C. to C.	center to center	EMER.	emergency	HVAC.	heating/ventilating	MIN.	minimum	R.O.W.	right of way	T.P.	top of pavement
\perp	perpendicular	CAB.	cabinet	ENCL.	enclose (ure)	mv.	/air conditioning	MISC.	miscellaneous	REBAR.	rienforcing bar	T.P.D.	toilet paper dispenser
P	plate	CARP.	carpet	ENTR.	entrance	HWY.	highway	MOD.	modified	REC.	recessed	T.W.	top of wall
'L	•	CEM.	cement	EQ.	equal		Iligilway	MTD.	mounted	RECT.	rectangular	TEL.	telephone
#	pound or number	CER.	ceramic	EQUIP.	equipment	I.P.S.	iron pipe size	MUL.	mullion	REF.	reference	TEMP.	tempered or temperature
		CLG.	ceiling	ESTB.	establish	I.F.3. ID.	inside diameter	N.	north	REFR'G.	refrigerator	TERZ.	terrazzo
		CLO.	closet	EXP.	expansion	ID. IN.		N.I.C.	not in contract	REG.	register	THK.	thick (ness)
		CLR.	clear	EXSTG.	existing	IN. INCL.	inches	N.T.S.	not to scale	REINF.	reinforced	THRES.	threshold
A.B.	anchor bolt	CNTR.	counter	EXT.	exterior		include (ed) (sion)			REQ.	required	TLT.	toilet
A.F.F.	above finish floor	COL.	column			INSUL.	insulation (ed)	NO. or #	number	RESIL.	resilient	TV.	television
A.P.	access panel	COMP.	composition	F.B.O.	furnished by others	INT'R.	interior	NOM.	nominal	RET.	return	TYP.	typical
A.C.T.	acoustical tile ceiling	CONC.	concrete	F.D.	floor drain	INV.	invert	O. to O.	out to out	REV.	revisions(s), revised		31
A/C.	air conditioning	CONF.	conference	F.E.	fire extinguisher	INV. EL.	invert elevation	O.C.	on center (s)	RFG.	roofing	U.O.N.	unless otherwise noted
ABV.	above	CONN.	connection	F.E.C.	fire extinguisher cab.	JAN.	janitor	O.D.	outside diameter	RM.	room	UNFIN.	unfinished
ACOUS.	acoustical	CONSTR.	construction	F.H.C.	fire hose cabinet	JT.	joint	OFF.	office		100111	UTIL.	utility
ADD.	addendum	CONT.	continuous	F.O.C.	face of concrete		John	O.H.	opposite hand	S-P.	single-ply	0112.	atinty
ADJ.	adjacent or adjustable	CONTR.	contractor	F.O.F.	face of finish	K.D.	kiln dried or knock down	OPN'G.	opening	S.	south	V.B.	vinvl base
AGG.	aggregate	CORR.	corridor	F.O.S.	face of studs	KIT.	kitchen	OPP.	opposite	S.C.	solid core	V.C.T.	vinyl composition tile
AL.	aluminum	CSMT.	casement	F.S.	full size	KO.	knockout	OUT.	outvert	S.C.J.	structural control joint	V.U.F.	verify in field
ALT.	alternate	CTR.	center	F.T.F.	face to face			OZ.	ounce	S.D.	soap dispenser or storm	V.I.I . V.F.	vinyl fabric
ANOD.	anodize	CTSK.	countersink (sunk)	FDN.	foundation	L.	left, length	OZ.	ounce		drain	V.F. V.T.	vinyl tile
	approximate		,	FIN.	finish (ed)	L.H.	left hand	P.C.	plumbing contractor	S.N.D.	sanitary napkin dispenser	v.i. VW.F.	,
APT.	apartment	D.	diameter	FL.	floor (ing)	L.L.	live load	P.C.F.	pounds per cubic foot	S.N.R.	sanitary napkin receptacle	VW.F. VENT.	vinyl wall fabric
ARCHT.	architect (ural)	D.F.	drinking fountain	FLASH'G.	flashing	L.P.	low point	P.L.F.	pounds per lineal foot	S.S.	stainless steel		ventilating
AUTO.	automatic	D.H.	double hung	FLUOR.	fluorescent	L.R.	living room	P.LAM.	plastic laminate	S.T.C.	sound transmission	VERT.	vertical
AVG.	average	D.L.	dead load	FRPF.		L.W.	lightweight	P.S.F.	pounds per square foot	0.1.0.	classification	VEST.	vestibule
	average	DBL.	double	F.P.W.H.	fireproof (ing)	LAB.	laboratory	P.S.I.	pounds per square inch	S4S.	surfaced 4 sides	VOL.	volume
B.U.R.	built-up roofing	DEM.	demolish, demolition		freeze proof wall hydrant	LAM.	laminate (d)	P.T.D.	paper towel dispenser	SAN.	sanitary	W.	west. women
BD.	board	DEPT.	department	FT.	foot or feet	LAV.	lavatory	P.T.R.	paper towel receptacle	SCHED.	schedule	W.C.	water closet
BEV.	beveled	DIAG.	diagonal, diagram	FTG.	footing	LT.	light	P.T.	pressure treat (ed)	SECT.	section		
BITUM.	bituminous	DIFF.	diffuser	FURN.	furnish	LTG.	lighting	PLAS.	plaster	SFTWD.	softwood	W.F.	wide flange
BLDG.	building	DIM.	dimension	FURR.	furring	LVR.	louver	PLYWD.	plywood	SHT.	sheet	W.I.	wrought iron
BLK.	block	DMT.	demountable	FUT.	future	LVIX.	louvei	PNL.	panel	SIM.	sineet	W.W.F.	welded wire fabric
BLKG.	blocking	DN.	down	F.V.	field verify	M.C.	medicine cabinet or		•	SIWI. SPEC.		W/	with
BM.	beam or bench mark	DO.	door opening	O D	anala la an	IVI.C.	mechanical contractor	PNT(d). PR.	paint (ed)		specification	W/O	without
BR.	bedroom	DR.	door	G.B.	grab bar				pair	SQ.	square	WD.	wood
BRCG.	bracing	DS.	downspout	G.C.	general contractor	M.H.	manhole	PT.	point	SQ. FT.	square foot	WDW.	window
BRG.	bearing	DTL.	detail	GA.	gage, gauge	M.O.	masonry opening	PTD/R.	combination paper towel	STD.	standard	WP.	waterproofing
BSMT.	basement	DWG.	drawing		galvanized	MACH.	machine	5-11	dispenser & receptacle	STL.	steel	WSCT.	wainscot
BTW.	between	DWR.	drawer	GL.	glass, glazing	MAINT.	maintenance	PTN.	partition	STOR.	storage	WT.	weight
C.B.	catch basin			GR.	grade	MAS.	masonry	PVC.	polyvinyl chloride	STRUC.	structure (al)		
	Caton baom	E.	east	GYP.	gypsum	MATL.	material (s)	PVMT.	pavement	SURF.	surface	YD.	yard

Penland Instructor Housing North

Penland School of Craft, Bakersville, NC 28765



MATERIAL DESIGNATIONS

	EARTH	FINISHED WOOD
	GRAVEL	PLYWOOD
44	CONCRETE	ROUGH WOOD FRAMING
	TERRAZZO	BLOCKING
	PLASTER,SAND,GROUT, GYPSUM	BATT INSULATION
	BRICK	RIGID INSULATION
	CMU	ACOUSTICAL TILE
	ALUMINUM	CERAMIC TILE
	STEEL	CARPET

ө	SY	MBOLS .	<u>RE</u> ETAIL NUMBER	FERENCE	<u>S:</u>
				A9.02	EET NUMBER
	A6.01	SECTION REFER	ENCE	A	COLUMN GRID DESIGNATION
	_	/		B	WINDOW\LOUVER\OTHER OPENING
	A5.01	EXTERIOR ELEVATION REFER	ENCE	+8'-0"	NEW SPOT ELEVATION
	2F A9.01	DETAIL REFERENCE / LARGE SCALE PLAN REFEREN	NCE	+8'-0"	EXISTING SPOT ELEVATION
	3F- A9.01	INTERIOR ELEVATION REFERE	ENCE	C2	SPECIAL WALL TYPE
	3F- A9.01			1	REVISION
	M ₁	MILLWORK ELEVATION REFER	ENCE	4	REFERENCE TO TYPICAL NOTE
	100	DOOR NUMBER	4	N	
	ROOM NAME	ROOM NAME & NUMBER			NORTH ARROWS
			TRUE NORTH	PLAN NORTH	

ARCHITECT

STITCH Design Shop 630 N. Liberty Street, Winston Salem, NC 27101 336.701.0130

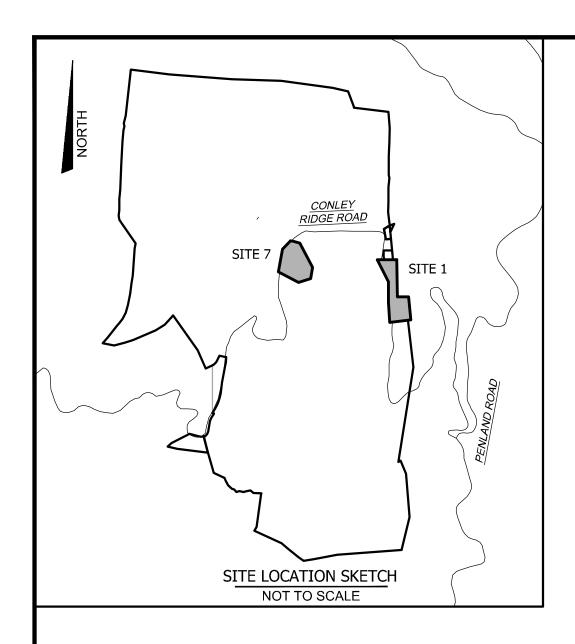
LANDSCAPE ARCHITECT

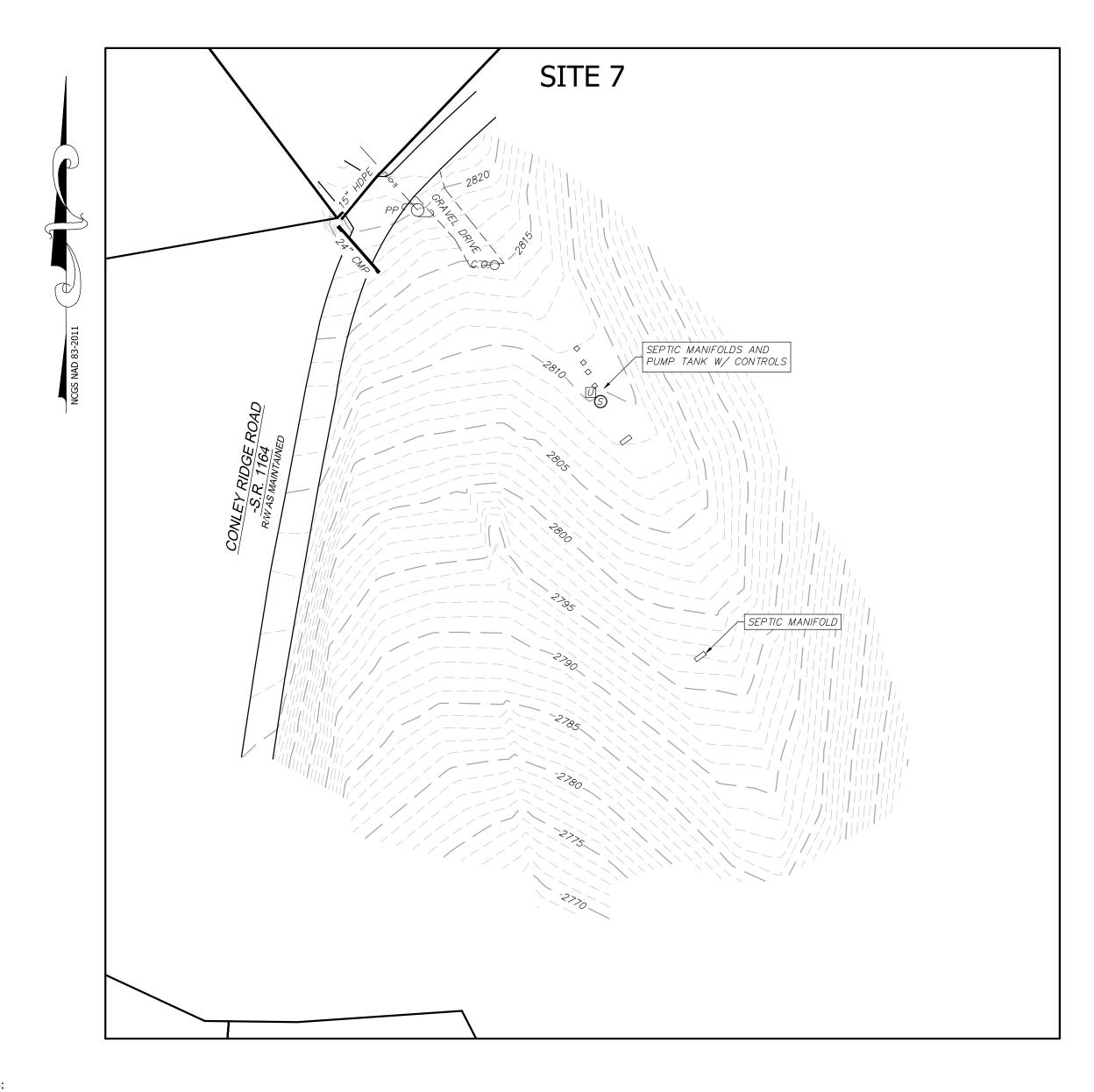
Mud. Landscape Architecture Benjamin J Monette, PLA, ASLA, LEED AP 215.285.9628

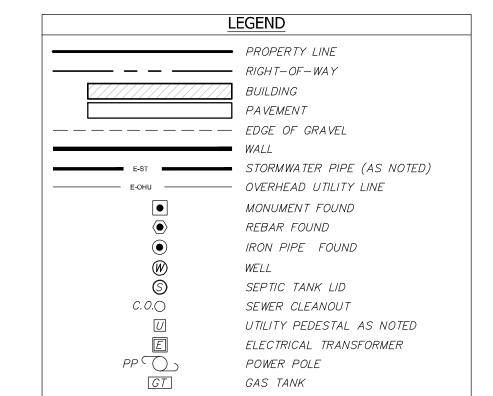
CIVIL ENGINEER

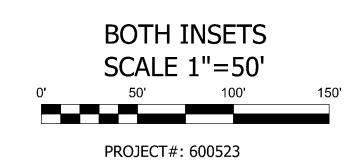
Brooks Engineering Associates, P.A. 15 Arlington Street Asheville, CN 28801 828.232.4700











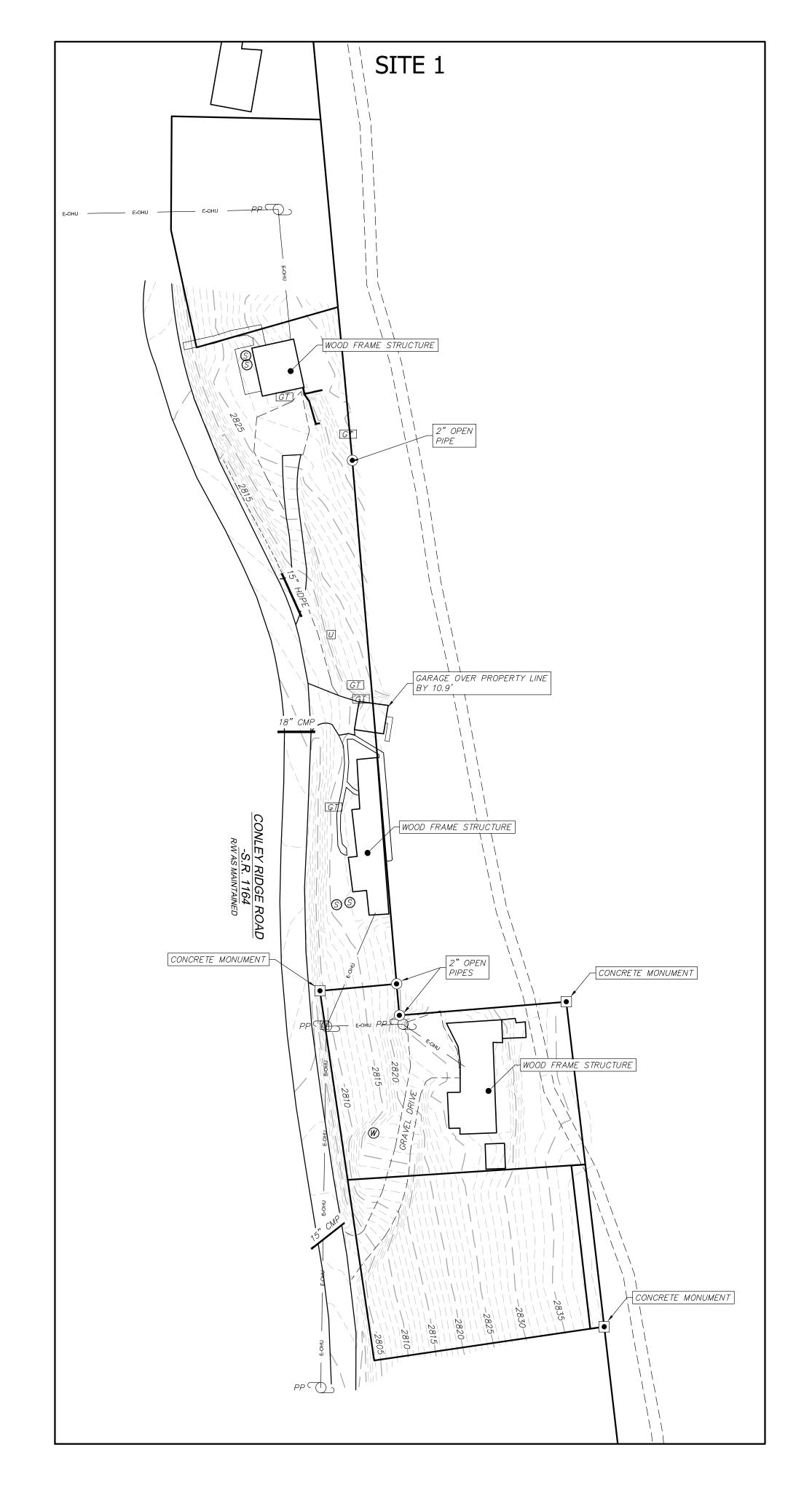
MAP NOTES:

- 1. This map is does not represent a full boundary survey and should not be used for the
- conveyance of property. Refer to deeds and plats of record
- 2. The purpose of this map is to show existing conditions at each Site as shown at the time of the
- 3. By graphic determination, the Subject Parcels are located in "Zone X" per FIRM map number 3710087100J dated February 4, 2009.
- 4. Underground utilities were not marked at the time of the survey. Above ground utilities are
- located based on visible, above ground structures. 5. Property subject to all easements, rights-of-way and restrictions of record.
- 6. This plat was prepared without the benefit of a title report which may reveal additional conveyances, easements, rights-of-way or building restrictions. A North Carolina licensed attorney-at-law should be consulted.

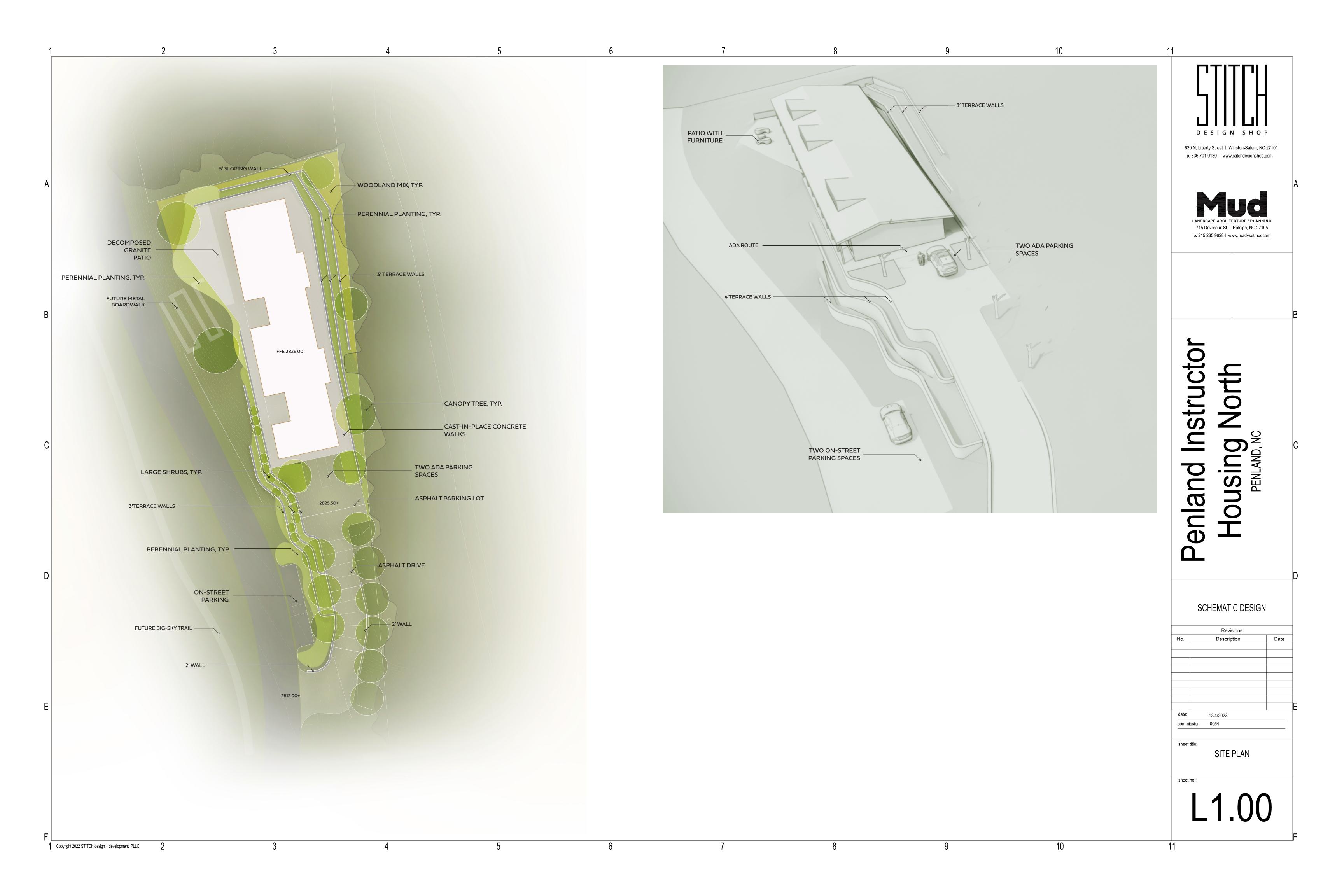
GLOBAL POSITIONING SYSTEM CERTIFICATION (NC VRS-RTK)

I, Troy A. Shriver, certify that this map was drawn under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

- 1. Class of Survey: Class A Survey
- 2. Positional Accuracy (95% Confidence): 0.03' Horizontal 0.06' Vertical
- 3. Type of GPS Field Procedure: NC VRS-RTK Network Solutions Using Carlson BRx7 System
- 4. Date of Observations: 10-31-23 through 11-1-23
- 5. Datum/Epoch: NAD83/Epoch 2011



ct No:		•	gned: F		No.	REVISIONS/SUBMISSIONS	Date
7573	DENI AND SCHOOL OF COAFT		A** PES Drawn: Scale:	BROOK	~	RECORD DRAWING	11-21-23
525			TAS AS NOTED	C			
]]	GIN GIN NOI AR(
т Ц	STUDENT HOUSING EXPANSION		*** 11-21-23	O 0063 RRSHPINI WEEKA			
I-1		ENGINEERING ASSOCIATES	15 Arlington Street				
	MITCHELL COUNTY NORTH CAROLINA		Asheville, N.C. 28801	NSSOC.			
Titlo:			0027-727-720-1				
- Id		Planning • Engineering • Surveving	FIIOHE: 1-626-232-4700				
ISTING C	ISTING CONDITIONS	◆ Environmental Cervices	FdX: 1-828-23-1331	RECORD DRAWING			
		* LIIVII UIIII III JEI VICES *	www.blooksea.colli		Revision/Submis	Revision/Submission number with a triangle indicates changes made on this sheet	
tion: L:\2023 Projects\t	tion: L:\2023 Projects\600523 Stitch_Penland School Student Housing Civil Planning\Dwg\Survey Base 600523.dwg						



PENLAND SCHOOL OF CRAFT – INSTRUCTOR HOUSING NORTH

SD NARRATIVE - SITE AND CIVIL

EXISTING CONDITIONS AND DEMOLITION

- Site Description
 - Site size is 40,000 sf (.9 acres)
 - o The site is adjacent to Conley Ridge Road and is characterized by steep topography with steeper areas East of Conley Ridge Road up to the proposed building location
 - There is an existing gravel entrance that will be partially utilized for parking access
- Proposed building footprint is approximately 4,300 sf (see arch drawings)
- Additional roadside stormwater capture/conveyance will be necessary in the existing Conley Ridge Road to capture runoff from new impervious surfaces. A location for stormwater management has yet to be finalized but it is likely a culvert diverting stormwater under Conley Ridge Road will be required, necessitating some road demolition and re-paving. This will be one crossing for the combined instructor housing runoff. As this is an NCDOT road, encroachment permitting will be required.

SITE DESIGN

- The landscape intervention will take its cues from the surrounding ecological context and endeavor to blend back into the woodland.
 - Site Scale Plant communities will primarily consist of a Wilder Landscape (woodland mix) on the outer ring quickly transitioning to a tight band of Cultivated Landscape (perennial planting) adjacent to the building.
 - o Terraces will be planted with a combination of Canopy trees, large shrubs, and hardy native vines and groundcov-

Considerations

- Access by maintenance vehicles
- Screening from Conley Ridge Road
- o Due to the steep terrain, terraced walls will be important to settle the building into the hillside.

Overall Site

- o This site design shows a cut condition with the potential of reuse on the Student Housing Building to the East.
- o Pedestrian access to a future sidewalk on the Western side of Conley Ridge Road is shown but not designed

SITE AMENITIES

- Assume 20 linear feet of wood bench-mounted to CIP wall at seating height
- Allow for outdoor furniture

SITE WALLS AND STAIRS

- Site walls will be board-formed cast-in-place concrete.
- Site stairs will be precast concrete treads mounted on concrete footing

<u>PAVING</u>

- New sidewalk and plazas will be exposed aggregate cast-in-place concrete.
- Patio will be stabilized decomposed granite, pedestrian
- Parking lot pavement will be asphalt 8" ABC base with $2\frac{1}{2}$ " asphalt in 2 lifts.

LIGHTING

- New parking lot and site lighting will be 30' ht poles with aimable fixtures. Estimate 1 Poles total.

- Linear LED site lighting will be integrated with custom furnishings including seat decks, seat walls, and other custom furnishings. The downlight will be on reveal at the ground or under the seat.

PLANTING

CANOPY TREES will be large maturing native canopy trees (maples, elms, oaks, sweetgum, hornbeam) and shall be 2 ½ " min caliper at installation.

3' soil depth

- LARGE AND EVERGREEN SHRUBS are a minimum of 36" height at installation

2' soil depth

MEADOW planting shall be seed with plugs at 12" OC

- 4" soil depth (amended)
- WOODLAND MIX planting shall be seed with plugs at 12" OC and 5 bare-root native trees per 100 sqft.
- 4" soil depth (amended)
- PERENNIAL planting shall be 1 QT plants at 12" OC
 - 4" soil depth (amended)
- BIORETENTION planting shall be 1 QT plants at 12" OC
- 3' soil depth
- All landscape areas will be mulched

STORMWATER

- Additional roadside stormwater capture/conveyance will be necessary in the existing Conley Ridge Road to capture runoff from new impervious surfaces.
- It is anticipated that stormwater control measures such as rain gardens will be implemented to provide detention and water quality measures. BEA shall meet NCDEQ High Density criteria for design and permitting. The preliminary location for stormwater management would be below the proposed drainfield area to serve this housing in the lower field area on the west side of Conley Ridge Road.

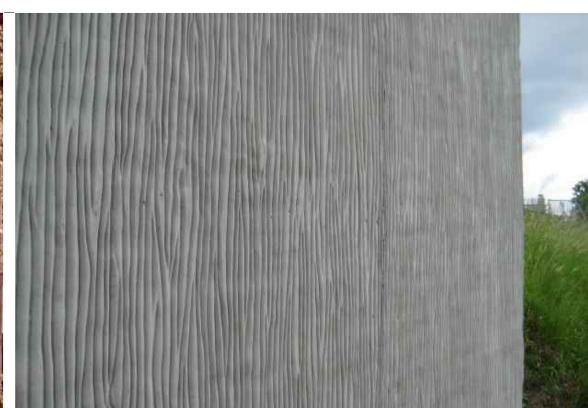
<u>UTILITIES</u>

- Sanitary sewer is to be served by an onsite wastewater system (septic tanks and drainfield) similar to others on campus. The area for the drainfield has yet to be specifically located but preliminary soils work has been conducted and it is anticipated to go in the field area on the west side of Conley Ridge Road.
- Water will be served by the campus onsite community potable water system. The new building will connect to existing water mains. If sprinklers are required, additional water storage and fire protection pumps may be required.
- Power and data shall be provided by the existing providers on campus. These services are generally coordinated by the

MISCELLANEOUS SITE ELEMENTS

- Allow for temporary irrigation for 2 years







GAURDRAIL - WEATHERING STEEL

CAST IN PLACE SITE WALLS

630 N. Liberty Street | Winston-Salem, NC 27101 p. 336.701.0130 | www.stitchdesignshop.com



structo

SCHEMATIC DESIGN Revisions

No.	Description	Date
data		

commission: 0054

sheet title:

SITE NARRATIVE

1 Copyright 2022 STITCH design + development, PLLC

tructural Frame, acluding columns, girders, usses learing Walls Exterior North East West South Interior Interior Including walls and artitions Exterior walls North East West South Interior Including supporting beams and joists Incor Construction Including supporting beams and joists Incor Ceiling Assembly Including supporting Floors Incor Construction, including apporting beams and joists Incor Ceiling Assembly Interior walls and partitions Including supporting Boors Incord Construction, including apporting beams and joists Incord Construction, including apporting Boors Incord Construction, including apporting beams and joists Incord Construction Incorpancy/Fire Barrier Separation Incorpancy Lighting: Incorpancy Light	PERC Degr P (T	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	IINGS	OPENING ALLOWAB (%		TIONS ACTUAL SHO	
Exterior North East West South Interior Interior Interior South Exterior walls and artitions Exterior walls North East West South Interior Including supporting beams and joists Including supporting beams and joists Including supporting Floors Including supporting Floors Including supporting Roof Interior walls and partitions Including supporting Roof Including Supporting	PERC DEGR P (T	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Allowab	LE AREA	ACTUAL SHO	
North East West South Interior onbearing Walls and artitions Exterior walls North East West South Interior walls and partitions oor Construction Including supporting beams and joists oor Ceiling Assembly olumns Supporting Floors oof Construction, including pporting beams and joists oof Ceiling Assembly olumns Supporting Roof aft Enclosures - Other orridor Separation cupancy/Fire Barrier Separation and Barrier Separation moke Partition conty/Fire Wall Separation moke Partition conty/Fire Wall Separation conty/Fire Wall Separation concidental Use Separation cidental Use Separation cidental Use Separation cidental Use Separation Common path of travel of Exit sign cost travel distance Common path of travel of Common path of travel of Common path of travel of	PERC DEGR P (T	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Allowab	LE AREA	ACTUAL SHO	
East West South Interior Interior Interior Incorporation Exterior walls North East West South Interior walls and partitions Icor Construction Including supporting beams and joists Icor Ceiling Assembly Icolumns Supporting Floors Icor Construction, including apporting beams and joists Icor Ceiling Assembly Icolumns Supporting Roof Interior walls and partitions Icor Ceiling Assembly Icolumns Supporting Floors Icor Ceiling Assembly Icolumns Supporting Roof Interior Separation Icorporting Floors Icorridor Separation Icorporting Floors Icorridor Separation Icorporting Floors Icorporting Floors Icorporting Floors Icorporting Barrier Separation Icorporting Floors Icorporting F	PERC DEGR P (T	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Allowab	LE AREA	ACTUAL SHO	
South Interior Interior Interior Incohearing Walls and artitions Exterior walls North East West South Interior walls and partitions Ioor Construction Including supporting beams and joists Ioor Ceiling Assembly Iolumns Supporting Floors Ioof Construction, including apporting beams and joists Ioor Ceiling Assembly Iolumns Supporting Roof Interior walls earned prope Iournidor Separation Iocupancy/Fire Barrier Separation Iocupancy/Fire Barrier Separation Iocupancy/Fire Wall Separation Iocupancy/Fire Wall Separation Iocupant/Dwelling Unit/Iocupant/Ioc	PERC DEGR P (T	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Allowab	LE AREA	ACTUAL SHO	
Interior Interior Interior Interior Walls and artitions Exterior walls North East West South Interior walls and partitions Ioor Construction Including supporting beams and joists Ioor Ceiling Assembly Iolumns Supporting Floors Ioof Construction, including apporting beams and joists Ioor Ceiling Assembly Iolumns Supporting Roof Interior Separation Ioor S	PERC DEGR P (T	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Allowab	LE AREA	ACTUAL SHO	
fonbearing Walls and artitions Exterior walls North East West South Interior walls and partitions loor Construction Including supporting beams and joists loor Ceiling Assembly folumns Supporting Floors oof Construction, including apporting beams and joists oof Ceiling Assembly folumns Supporting Roof haft Enclosures - Exit haft Enclosures - Other forridor Separation foccupancy/Fire Barrier Separation moke Barrier Separation moke Partition enant/Dwelling Unit/ leeping Unit Separation moke Partition enant/Dwelling Unit/ leeping Unit Separation moke Detection Safety Plan Sheet #: TBD Fire and/or smoke rated Assumed and real prope Exterior wall opening ar Occupancy Use for each Coccupancy Use for each Assumed and real prope Exterior wall opening ar Occupancy Use for each Assumed and real prope Exterior wall opening ar Occupancy Use for each Assumed and real prope Exterior wall opening ar Coccupancy Use for each Assumed and real prope Exterior wall opening ar Coccupancy Use for each Assumed and real prope Exterior wall opening ar Coccupancy Use for each Assumed and real prope Exterior wall opening ar Coccupancy Use for each Assumed and real prope Exterior wall opening ar Coccupancy Use for each Assumed and real prope Exterior wall opening ar Coccupancy Use for each Assumed and real prope Exterior wall opening ar Coccupancy Use for each Assumed and real prope Exterior wall opening ar Coccupancy Use for each Assumed and real prope Exterior wall opening ar Coccupancy Use for each Assumed and real prope Exterior wall opening ar	PERC DEGR P (T	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Allowab	LE AREA	ACTUAL SHO	
Exterior walls North East West South Interior walls and partitions loor Construction Including supporting beams and joists loor Ceiling Assembly olumns Supporting Floors oof Construction, including apporting beams and joists oof Ceiling Assembly olumns Supporting Roof haft Enclosures - Exit haft Enclosures - Other orridor Separation recupancy/Fire Barrier Separation moke Barrier Separation moke Partition enant/Dwelling Unit/ leeping Unit Separation moke Partition enant/Dwelling Unit/ leeping Unit Separation reidental Use Separation moke Detection Safety Plan Sheet #: TBD Fire and/or smoke rated Assumed and real prope Exterior wall opening ar Occupant loads for each Occupant loads for each Cexit sign locations (1013 Exit sign locations (1013 Exit access travel distant Common path of travel of	PERC DEGR P (T	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Allowab	LE AREA	ACTUAL SHO	
North East West South Interior walls and partitions loor Construction Including supporting beams and joists loor Ceiling Assembly olumns Supporting Floors oof Construction, including upporting beams and joists oof Ceiling Assembly olumns Supporting Roof naft Enclosures - Exit naft Enclosures - Other orridor Separation coupancy/Fire Barrier Separation moke Barrier Separation moke Partition enant/Dwelling Unit/ leeping Unit Separation cidental Use Separation cidental Use Separation cidental Use Separation Safety Plan Sheet #: TBD Fire and/or smoke rated Assumed and real prope Exterior wall opening ar Occupancy Use for each Occupancy Use for each Cett sign locations (1013 Exit access travel distance Common path of travel of Common path of travel of Common path of travel of	PERC DEGR P (T	0 0 0 0 0 0 0 0 N/A 1 HR N/A	0 0 0 0 0 0 0 0 0 N/A N/A 1 HR N/A	Allowab	LE AREA	ACTUAL SHO	
West South Interior walls and partitions loor Construction Including supporting beams and joists loor Ceiling Assembly olumns Supporting Floors oof Construction, including upporting beams and joists oof Ceiling Assembly olumns Supporting Roof haft Enclosures - Exit haft Enclosures - Other orridor Separation ccupancy/Fire Barrier Separation moke Barrier Separation moke Partition enant/Dwelling Unit/ leeping Unit Separation icidental Use Separation icidental Use Separation ccidental Use Separation Safety Plan Sheet #: TBD Fire and/or smoke rated Assumed and real prope Exterior wall opening ar Occupancy Use for each Occupancy Use for each Cocupancy Use for each Occupancy Use for each Occupancy Use for each Occupancy Use for each Cocupancy Use for each Occupant loads for each Cocupant loads for each Cocupant loads for each Occupant loads for each Common path of travel of Common path of travel of	PERC DEGR P (T	0 0 0 0 0 0 0 0 N/A 1 HR N/A	0 0 0 0 0 0 0 0 0 N/A N/A 1 HR N/A	Allowab	LE AREA	ACTUAL SHO	
South Interior walls and partitions loor Construction Including supporting beams and joists loor Ceiling Assembly columns Supporting Floors oof Construction, including apporting beams and joists oof Ceiling Assembly columns Supporting Roof naft Enclosures - Exit naft Enclosures - Other orridor Separation coupancy/Fire Barrier Separation moke Barrier Separation moke Partition enant/Dwelling Unit/ leeping Unit Separation cidental Use Separation cidental Use Separation cidental Use Separation cidental Use Separation Safety Plan Sheet #: TBD Fire and/or smoke rated Assumed and real prope Exterior wall opening ar Occupancy Use for each Occupant loads for each Occupant loads for each Cocupant loads for each Common path of travel of Common path of travel of	PERC DEGR P (T	0 0 0 0 0 0 0 0 N/A 1 HR N/A	0 0 0 0 0 0 0 0 0 N/A N/A 1 HR N/A	Allowab	LE AREA	ACTUAL SHO	
Interior walls and partitions Ioor Construction Including supporting beams and joists Ioor Ceiling Assembly olumns Supporting Floors oof Construction, including apporting beams and joists oof Ceiling Assembly olumns Supporting Roof haft Enclosures - Exit haft Enclosures - Other Orridor Separation recupancy/Fire Barrier Separation moke Barrier Separation moke Partition enant/Dwelling Unit/ leeping Unit Separation motidental Use Separation reidental Use Separation moke Detection Systems: re Alarm: moke Detection	PERC DEGR P (T	0 0 0 0 0 0 0 0 N/A 1 HR N/A	0 0 0 0 0 0 0 0 0 N/A N/A 1 HR N/A	Allowab	LE AREA	ACTUAL SHO	
loor Construction Including supporting beams and joists loor Ceiling Assembly olumns Supporting Floors oof Construction, including upporting beams and joists oof Ceiling Assembly olumns Supporting Roof haft Enclosures - Exit haft Enclosures - Other orridor Separation ccupancy/Fire Barrier Separation arty/Fire Wall Separation moke Barrier Separation moke Partition enant/Dwelling Unit/ leeping Unit Separation enant/Dwelling Unit/ leeping Unit Separation cidental Use Separation cidental Use Separation cidental Use Separation Exercise Alarm: noke Detection Systems: rbon Monoxide Detection Safety Plan Sheet #:TBD Fire and/or smoke rated Assumed and real prope Exterior wall opening ar Occupancy Use for each Occupant loads for each Cocupant loads for each Exit sign locations (1012 Exit access travel distant Common path of travel of	PERC DEGR P (T	0 0 0 0 0 0 N/A N/A 1 HR N/A N/A N/A N/A N/A PROTECTION	0 0 0 0 0 0 N/A N/A 1 HR N/A N/A 1 HR N/A N/A 1 HR N/A	Allowab	LE AREA	ACTUAL SHO	
and joists loor Ceiling Assembly olumns Supporting Floors oof Construction, including upporting beams and joists oof Ceiling Assembly olumns Supporting Roof naft Enclosures - Exit naft Enclosures - Other orridor Separation ccupancy/Fire Barrier Separation moke Barrier Separation moke Partition enant/Dwelling Unit/ leeping Unit Separation cidental Use Separation cidental Use Separation scidental Use Separation Safety Plan Sheet #: TBD Fire and/or smoke rated Assumed and real prope Exterior wall opening ar Occupancy Use for each Occupant loads for each Exit sign locations (1012 Exit access travel distance Common path of travel of	PERC DEGR P (T	0 0 0 0 0 0 N/A N/A 1 HR N/A N/A N/A N/A N/A PROTECTION	0 0 0 0 0 0 N/A N/A 1 HR N/A N/A 1 HR N/A N/A 1 HR N/A	Allowab	LE AREA	ACTUAL SHO	
oor Ceiling Assembly olumns Supporting Floors oof Construction, including importing beams and joists oof Ceiling Assembly olumns Supporting Roof naft Enclosures - Exit naft Enclosures - Other orridor Separation ccupancy/Fire Barrier Separation inches Parrier Separation moke Partition enant/Dwelling Unit/ eeping Unit Separation cidental Use Separation cidental Use Separation cidental Use Separation Safety Plan Sheet #: TBD Fire and/or smoke rated Assumed and real prope Exterior wall opening ar Occupancy Use for each Occupant loads for each Exit sign locations (1012 Exit access travel distance Common path of travel of	PERC DEGR P (T	0 0 0 0 N/A N/A 1 HR N/A	0 0 0 0 N/A N/A 1 HR N/A N/A N/A 1 HR N/A N/A	Allowab	LE AREA	ACTUAL SHO	
columns Supporting Floors coof Construction, including porting beams and joists coof Ceiling Assembly columns Supporting Roof maft Enclosures - Exit maft Enclosures - Other corridor Separation coupancy/Fire Barrier Separation moke Barrier Separation moke Partition control Dwelling Unit/ ceping Unit Separation cidental Use Separation cidental Use Separation cidental Use Separation cidental Use Separation columns Supporting Separation cidental Use Separation c	PERC DEGR P (T	0 0 0 0 N/A N/A 1 HR N/A	0 0 0 0 N/A N/A 1 HR N/A N/A N/A 1 HR N/A N/A	Allowab	LE AREA	ACTUAL SHO	
poof Construction, including poporting beams and joists poof Ceiling Assembly plumns Supporting Roof aft Enclosures - Exit part Enclosures - Other portion Separation recupancy/Fire Barrier Separation make Barrier Separation make Barrier Separation make Partition remant/Dwelling Unit/eeping Unit Separation cidental Use Separation cidental Use Separation rety/Fire Wall Separation cidental Use Separation rety/Fire and/or smoke rated Assumed and real prope Exterior wall opening are Occupancy Use for each Occupancy Use for each Occupancy Use for each Cexit sign locations (1013 Exit access travel distance Common path of travel of Common path of tra	PERC DEGR P (T	0 0 N/A N/A 1 HR N/A N/A N/A N/A N/A N/A PREE OF OPEN PROTECTION	0 0 N/A N/A 1 HR N/A	Allowab	LE AREA	ACTUAL SHO	
poof Ceiling Assembly polumns Supporting Roof aft Enclosures - Exit aft Enclosures - Other portion Separation coupancy/Fire Barrier Separation moke Barrier Separation moke Partition moke Partition moke Partition cidental Use Separation cidental Use Separation didental Use Separation cidental Use Separation DISTANCE EET) FROM PROPERTY LINES The Alarm: moke Detection Systems: rbon Monoxide Detection Safety Plan Sheet #: TBD Fire and/or smoke rated Assumed and real prope Exterior wall opening ar Occupancy Use for each Occupant loads for each Cocupant loads for each Exit sign locations (1013 Exit access travel distance Common path of travel of	PERC DEGR P (T	0 0 N/A N/A 1 HR N/A N/A N/A N/A N/A N/A PREE OF OPEN PROTECTION	0 0 N/A N/A 1 HR N/A N/A N/A N/A N/A N/A N/A N/A N/A	Allowab	LE AREA	ACTUAL SHO	
olumns Supporting Roof naft Enclosures - Exit naft Enclosures - Other orridor Separation ceupancy/Fire Barrier Separation moke Barrier Separation moke Partition enant/Dwelling Unit/ eeping Unit Separation cidental Use Separation separation cidental Use Separation cident	PERC DEGR P (T	N/A N/A N/A N/A N/A N/A N/A PREE OF OPEN PROTECTION	N/A N/A 1 HR N/A N/A N/A 1 HR N/A	Allowab	LE AREA	ACTUAL SHO	
ant Enclosures - Exit ant Enclosures - Other periodor Separation coupancy/Fire Barrier Separation moke Barrier Separation moke Partition control Dwelling Unit/ ceping Unit Separation cidental Use Separation Distance Enclosures - Other Description Distance Description Descr	PERC DEGR P (T	N/A 1 HR N/A N/A N/A 1 HR N/A PROTECTION	N/A 1 HR N/A N/A N/A 1 HR N/A 1 HR N/A	Allowab	LE AREA	ACTUAL SHO	
period Separation sequency/Fire Barrier Separation rty/Fire Wall Separation noke Barrier Separation noke Barrier Separation noke Partition nant/Dwelling Unit/seping Unit Separation seidental Use S	PERC DEGR P (T	1 HR N/A N/A N/A 1 HR N/A CENTAGI REE OF OPEN PROTECTION	1 HR N/A N/A N/A 1 HR N/A	Allowab	LE AREA	ACTUAL SHO	
rty/Fire Wall Separation rty/Fire Wall Separation noke Barrier Separation noke Partition mant/Dwelling Unit/ eeping Unit Separation cidental Use Separation responsible to the Separation cidental Use Separation responsible to the Separation cidental Use Separation responsible to the Separation responsible	PERC DEGR P (T	1 HR N/A N/A N/A 1 HR N/A CENTAGI REE OF OPEN PROTECTION	1 HR N/A N/A N/A 1 HR N/A	Allowab	LE AREA	ACTUAL SHO	
recupancy/Fire Barrier Separation rty/Fire Wall Separation noke Barrier Separation noke Partition renant/Dwelling Unit/ eeping Unit Separation cidental Use Separation relation relatio	PERC DEGR P (T	N/A N/A N/A 1 HR N/A CENTAGI REE OF OPEN PROTECTION	N/A N/A N/A 1 HR N/A	Allowab	LE AREA	ACTUAL SHO	
noke Barrier Separation noke Partition enant/Dwelling Unit/ eeping Unit Separation cidental Use Separation cidental Use Separation Referency Lighting: it Signs: e Alarm: noke Detection Systems: rbon Monoxide Detection Safety Plan Sheet #: TBD Fire and/or smoke rated Assumed and real prope Exterior wall opening ar Occupancy Use for each Occupant loads for each Cocupant loads for each Exit access travel distance Common path of travel of	DEGR P (T	N/A N/A 1 HR N/A CENTAGI REE OF OPEN PROTECTION	N/A N/A 1 HR N/A E OF WALL	Allowab	LE AREA	ACTUAL SHO	
noke Partition enant/Dwelling Unit/ eeping Unit Separation cidental Use Separation cidental Use Separation RE SEPARATION DISTANCE EET) FROM PROPERTY LINES The Separation Separation The Separation Distance Separation The Separation Distance Separation The Separation Distance Separation The Separation Distance Separation Properties The Separation	DEGR P (T	N/A 1 HR N/A CENTAGI REE OF OPEN PROTECTION	N/A 1 HR N/A E OF WALL	Allowab	LE AREA	ACTUAL SHO	
enant/Dwelling Unit/ eeping Unit Separation cidental Use Separation cidental Use Separation RE SEPARATION DISTANCE EET) FROM PROPERTY LINES Property Lighting: it Signs: e Alarm: noke Detection Systems: rbon Monoxide Detection Safety Plan Sheet #: TBD Fire and/or smoke rated Assumed and real prope Exterior wall opening ar Occupancy Use for each Occupant loads for each Exit sign locations (1013) Exit access travel distance Common path of travel of	DEGR P (T	N/A CENTAGI REE OF OPEN PROTECTION	N/A E OF WALL	Allowab	LE AREA	ACTUAL SHO	
re Separation Distance Seet) From Property Lines re Alarm: roke Detection Systems: rbon Monoxide Detection Safety Plan Sheet #: TBD Fire and/or smoke rated Assumed and real prope Exterior wall opening ar Occupancy Use for each Occupant loads for each Exit sign locations (1012) Exit access travel distance Common path of travel of	DEGR P (T	CENTAGI REE OF OPEN PROTECTION	E OF WALI	Allowab	LE AREA	ACTUAL SHO	
nergency Lighting: it Signs: e Alarm: noke Detection Systems: rbon Monoxide Detection Fire and/or smoke rated Assumed and real prope Exterior wall opening ar Occupancy Use for each Occupant loads for each Exit sign locations (1013) Exit access travel distance	DEGR P (T	CENTAGI REE OF OPEN PROTECTION	E OF WALI	Allowab	LE AREA	ACTUAL SHO	
it Signs: e Alarm: oke Detection Systems: rbon Monoxide Detection Safety Plan Sheet #: TBD Fire and/or smoke rated Assumed and real prope Exterior wall opening ar Occupancy Use for each Occupant loads for each Exit sign locations (1012) Exit access travel distance Common path of travel of	■ No						
cit Signs: re Alarm: noke Detection Systems: arbon Monoxide Detection Safety Plan Sheet #: TBD Fire and/or smoke rated Assumed and real prope Exterior wall opening ar Occupancy Use for each Occupant loads for each Exit sign locations (1012) Exit access travel distance Common path of travel of	■ No						
cit Signs: re Alarm: noke Detection Systems: arbon Monoxide Detection Safety Plan Sheet #: TBD Fire and/or smoke rated Assumed and real prope Exterior wall opening ar Occupancy Use for each Occupant loads for each Exit sign locations (1012) Exit access travel distance Common path of travel of	■ No						
re Alarm: noke Detection Systems: urbon Monoxide Detection Safety Plan Sheet #: TBD Fire and/or smoke rated Assumed and real prope Exterior wall opening ar Occupancy Use for each Occupant loads for each Exit sign locations (1012) Exit access travel distance Common path of travel of	11(o 🔲 Yes		REQUIREM	IENTS		
Safety Plan Sheet #: TBD Fire and/or smoke rated Assumed and real prope Exterior wall opening ar Occupancy Use for each Occupant loads for each Exit sign locations (1013) Exit access travel distance Common path of travel	■ No	o 🔲 Ye					
Fire and/or smoke rated Assumed and real prope Exterior wall opening ar Occupancy Use for each Occupant loads for each Exit sign locations (1012) Exit access travel distance Common path of travel of	n: No	o 🔳 Ye	s				
Fire and/or smoke rated Assumed and real prope Exterior wall opening ar Occupancy Use for each Occupant loads for each Exit sign locations (1012) Exit access travel distance Common path of travel of		SAFETY	PLAN REQ	UIREMEN	TS		
Assumed and real prope Exterior wall opening ar Occupancy Use for each Occupant loads for each Exit sign locations (1013) Exit access travel distance Common path of travel of		ons (Chapt	- ter 7)				
Exterior wall opening ar Occupancy Use for each Occupant loads for each Exit sign locations (1013 Exit access travel distandance) Common path of travel of				plan)			
Occupant loads for each Exit sign locations (1012) Exit access travel distance Common path of travel of	rea with resp	pect to dis	tance to assu	med property			
Exit sign locations (1013) Exit access travel distand Common path of travel of		elates to o	ccupant load	calculation (Table 1004.1	.2)	
Exit access travel distance Common path of travel of							
Common path of travel							
Dead and lengths (1020		Tables 100	6.2.1 & 1006	5.3.2(1))			
Clear exit widths for eac							
Maximum calculated oc			each exit doo	r can accomi	modate based	on egress wid	dth (1005.3)
Actual occupant load for A separate schematic pla			re roted floor	·/ceiling cmd/	or roof struct	ure is provid-	d for
purposes of occupancy s		g where ii	re rated 11001	/ceiling and/	or root struct	ure is provide	d for
Location of doors with p	panic hardw						
Location of doors with d	delayed egre	ess locks a	and the amou		010.1.9.7)		
Location of doors with e	_	_		.1.9.9)			
Location of doors equipped Location of emergency e	-	-					
The square footage of ea			~ <i>)</i>				
The square footage of ea			ent for Occur				
Note any code exception		pur 1111C	an for Occup	ancy Classif	ication I-2 (4	07.5)	
T TOTAL AC	ons or table n	cessibli	nay have bee	n utilized reg			
	ons or table n	cessibli	E DWELLINCTION 1107	n utilized reg			TOTAL
SSIFICATION UNITS RI	ons or table n	CESSIBLI	E DWELLIN CTION 1107 Type A Units	n utilized reg	TYPE B UNITS REQUIRED	TYPE B UNITS PROVIDED	TOTAL ACCESSIBLE UNITS PROVIDED
SSIFICATION UNITS	ACC CCESSIBLE UNITS	CESSIBLI (SEC	E DWELLIN CTION 1107 Type A Units	n utilized reg NG UNITS) Type A UNITS	TYPE B UNITS	TYPE B UNITS	ACCESSIBLE Units

PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1)

U	SE	W	ATER CLOS	ETS	URINALS		LAVATORIE	S	SHOWERS	DRINKING	FOUNTAINS
		MALE	FEMALE	UNISEX		MALE	FEMALE	UNISEX	/TUBS	REGULAR	ACCESSIBLE
SPACE	EXIST'G										
See Beld	NEW										
Oee Deic	REQ'D										

SPECIAL APPROVALS

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

ENERGY SUMMARY

The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the

Existing building envelope complies with code: No Yes (The remainder of this section is not applicable) Exempt Building: No Yes (Provide code or statutory reference): Climate Zone: \square 3A \square 4A \square 5A

THERMAL ENVELOPE (Prescriptive method only)

Method of Compliance: Energy Code Performance

Roof/ceiling Assembly (each assembly) Description of assembly: U-Value of total assembly: R-Value of insulation: Skylights in each assembly: U-Value of skylight: total square footage of skylights in each assembly:

ASHRAE 90.1 Performance

(If "Other" specify source here)_

Prescriptive

Exterior Walls (each assembly) Description of assembly: U-Value of total assembly: R-Value of insulation: Openings (windows or doors with glazing) U-Value of assembly: Solar heat gain coefficient:

projection factor: Door R-Values: Walls below grade (each assembly) Description of assembly:

R-Value of insulation: Floors over unconditioned space (each assembly) Description of assembly:

U-Value of total assembly:

slab heated:

U-Value of total assembly: R-Value of insulation: Floors slab on grade Description of assembly: U-Value of total assembly: R-Value of insulation:

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

STRUCTURAL DESIGN (PROVIDE ON THE STRUCTURAL SHEETS IF APPLICABLE) **DESIGN LOADS:**

Importance Factors: Snow (I_S) Seismic (I_E)

Live Loads: **Ground Snow Load:**

_____ mph (ASCE-7) Wind Load: Ultimate Wind Speed Exposure Category _____

SEISMIC DESIGN CATEGORY: A B C D Provide the following Seismic Design Parameters: Risk Category (Table 1604.5)
I III III IV Spectral Response Acceleration S_S______%g Site Classification (ASCE 7) A B C D E F Data Source: Field Test Presumptive Historical Data Basic structural system Bearing Wall Dual w/Special Moment Frame ☐ Building Frame ☐ Dual w/Intermediate R/C or Special Steel

☐ Moment Frame ☐ Inverted Pendulum Analysis Procedure: Simplified Equivalent Lateral Force Dynamic

LATERAL DESIGN CONTROL: Earthquake Wind Wind SOIL BEARING CAPACITIES: Field Test (provide copy of test report) _ Presumptive Bearing capacity _____

Pile size, type, and capacity

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

> MECHANICAL DESIGN (PROVIDE ON THE MECHANICAL SHEETS IF APPLICABLE)

MECHANICAL SUMMARY

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

Thermal Zone winter dry bulb: summer dry bulb: **Interior design conditions** winter dry bulb: summer dry bulb:

Building heating load:

relative humidity:

Building cooling load: Mechanical Spacing Conditioning System Unitary

description of unit:

heating efficiency: cooling efficiency: size category of unit: Size category. If oversized, state reason.: Size category. If oversized, state reason.:

List equipment efficiencies:

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS ELECTRICAL DESIGN

(PROVIDE ON THE ELECTRICAL SHEETS IF APPLICABLE)

ELECTRICAL SUMMARY

ELECTRICAL SYSTEM AND EQUIPMENT

Method of Compliance: Energy Code Performance ASHRAE 90.1 Performance Prescriptive

Lighting schedule (each fixture type) lamp type required in fixture number of lamps in fixture ballast type used in the fixture number of ballasts in fixture total wattage per fixture total interior wattage specified vs. allowed (whole building or space by space)

total exterior wattage specified vs. allowed **Additional Efficiency Package Options** (When using the 2018 NCECC; not required for ASHRAE 90.1)

C406.2 More Efficient HVAC Equipment Performance C406.3 Reduced Lighting Power Density C406.4 Enhanced Digital Lighting Controls C406.5 On-Site Renewable Energy C406.6 Dedicated Outdoor Air System C406.7 Reduced Energy Use in Service Water Heating

2018 NC Administrative Code and Policies

Revised 6/15/2020

DESIGN SHOP

630 N. Liberty Street | Winston-Salem, NC 27101

p. 336.701.0130 | www.stitchdesignshop.com

	Revisions	
No.	Description	Date
date:	12-04-2023	
commi	ission: 0054	

APPENDIX B

Copyright 2022 STITCH design + development, PLLC

Instructor Housing N/A

