

FAN SCHEDULE										
MARK	LOCATION	SERVICE	CFM	S.P.	WATTS	RPM	VOLT	PHASE	DRIVE	REMARKS
EF1	CEILING	TOILETS	140	0.125"	128	1050	120	1	DIRECT	CEILING MOUNTED FAN. PROVIDE W/B.D.D. AND ROOF CAP GREENHECK SPB-150 OR EQ. 6"Ø TO ROOF/WALL CAP
EF2	CEILING	TOILETS	210	0.125"	185	980	120	1	DIRECT	CEILING MOUNTED FAN. PROVIDE W/B.D.D. AND ROOF CAP
EF3,4	CEILING	POOL EQUIP.	120	.125"	52.5	1100	120	1	DIRECT	CEILING MOUNTED FAN. PROVIDE W/B.D.D. AND ROOF CAP GREENHECK SPA-125 OR EQ. 6"ø TO ROOF/WALL CAP

UNIT HEATER SCHEDULE									
CAPACITIES									
UNIT NO.	FLA	UNIT VOLT	UNIT PHASE	моср	WIRE SIZE (DU. 75 C)	INPUT BTU	OUTPUT BTU	MFG & MODEL #	
UH-1,2,3	12.5	120	1	20	# 12	5,120	5,120	TPI CORP 305 SERIES WALL MTD. E3055T2DWB	

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ELECTRIC	POOL EQUIPMENT ROOM	61	0	0	0.12	7.32	81
UNIT	STORAGE/CHEMICALS	30	0	0	0.12	3.6	40
HEATERS	MENS RESTROOM	190	0	0	0	0	140
	WOMEN RESTROOM	<u>190</u>	0	0	0	0	140 210
	TOTAL CFM REQUIRED					10.92	401
	TOTAL CFM FURNISHED					10.92	401

MECHANICAL DESIGN (PROVIDE ON THE MECHANICAL SHEETS IF APPLICABLE									
	MECHANICAL SUMMARY								
IECHANICAL SYSTEMS, SERVI	CE SYSTEMS AND EQUIPMENT								
'hermal Zone 4A									
winter dry bulb: <u>18[□]F</u> summer dry bulb: <u>94[□]F</u>									
nterior design conditions									
winter dry bulb: $75^{\Box}F$ summer dry bulb: $75^{\Box}F$ relative humidity: 50%									
Building heating load:	N/A								
Building cooling load:	N/A								
Aechanical Spacing Conditioning Sy	zstem								
Binary Description of unit: heating efficiency: cooling efficiency: size category of units: Description of units: heating efficiency: cooling efficiency: size category of units: Boiler Size category. If oversized Chiller Size category. If oversized									
List equipment efficiencies:	14.0 SEER								

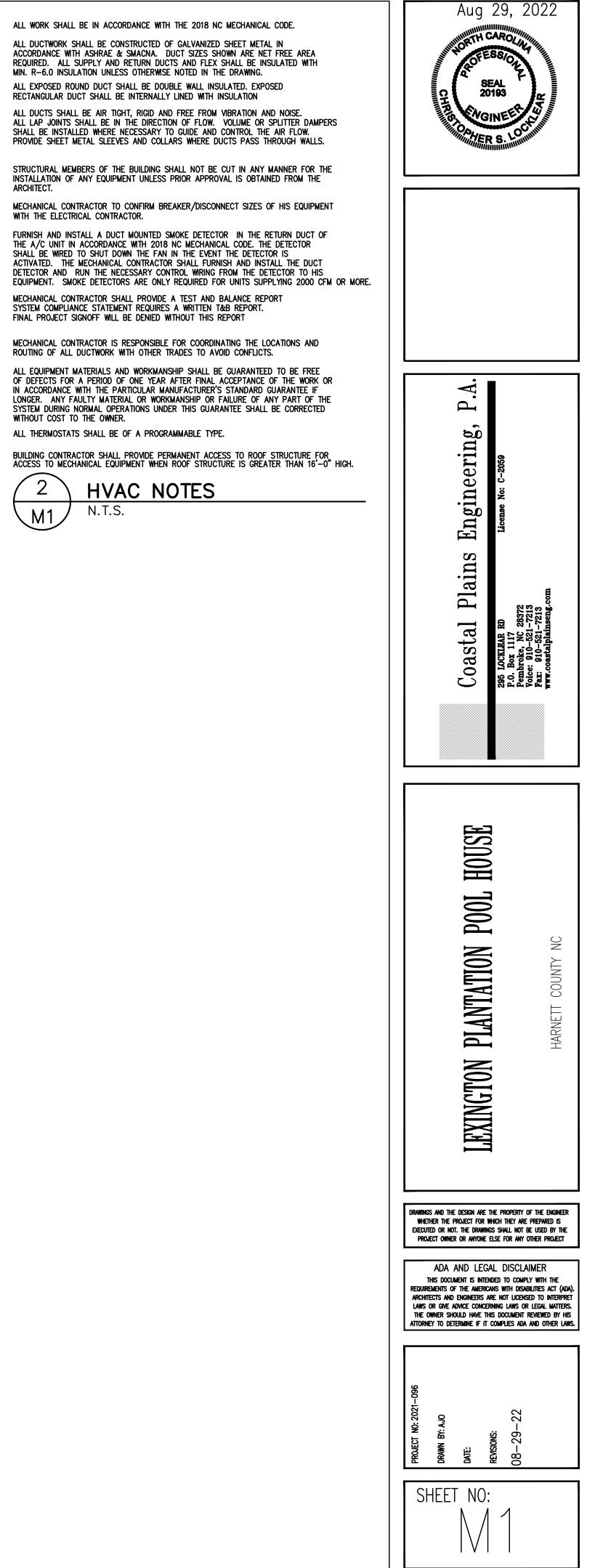
SIGNED:

NAME: Christopher Locklear

TITLE: <u>Engineer</u>

OUTSIDE AIR CALCULATION -2018 NC MECHANICAL CODE (TABLE 403.3.1.1) Vbz = RpPz + RaAz

OCCUPANCY TYPE:	SF #0	FOCCUPANT	S O.A. CFM PER	O.A CFM PER	O.A. CFM REQUIRED (Vbz) EXAUST CFM REQUIRED
OCCOPANCE TIPE.	(Az)	(Pz)	PERSON (Rp)	SqFt (Ra)	O.A. CHWINEQUINED (VD2) EXAUST CHWINEQUINED



WITHOUT COST TO THE OWNER. ALL THERMOSTATS SHALL BE OF A PROGRAMMABLE TYPE. BUILDING CONTRACTOR SHALL PROVIDE PERMANENT ACCESS TO ROOF STRUCTURE FOR ACCESS TO MECHANICAL EQUIPMENT WHEN ROOF STRUCTURE IS GREATER THAN 16'-0" HIGH.

WITH THE ELECTRICAL CONTRACTOR.

HVAC NOTES Ζ N.T.S. M1