

DUCTWORK #2 PARTS – JOB#5469753									
TAG	PART #	CFM	GPM	ZONE	COVEREDBY	SP	WEIGHT	VELOCITY	QTY DESCRIPTION
P1	DW1404C2D	1538				-0.001	2.47	1438.71	1 SINGLE WALL DUCT OFF SET COLLAR – 14" DIAMETER DUCT – 1/2" PITCH.
P2	DW1490ASY	1538				-0.1032	10.62	1438.71	1 SINGLE WALL DUCT 90 DEGREE ELBOW, 14" DUCT, ASSEMBLY.
P3	DW1429LT	1538				-0.0092	13.62	1438.71	1 SINGLE WALL DUCT 14" DIAMETER, 29" LONG, FLANGE AT BOTH ENDS. STAINLESS STEEL.
P4	DW1430AJDKIT	1538				-0.0068	17.56	1438.71	1 SINGLE WALL DUCT ADJUSTABLE, 14" DIAMETER, 29.5" LONG, FLANGE AT ONE END WITH A 14" ADJUSTABLE COLLAR – STAINLESS STEEL.
P5	DW14SUBRASY						2.96		1 DUCT SUPPORT BRACKET KIT, 14" DUCT, USED FOR HANGING DUCT. 12 GA STEEL, CLEAR ZINC COATING. – 2 RINGS, 4 BRACKETS, & HARDWARE BAG 2.
P6 ASSEMBLED W/P7	DW14TEASY	1538		1		-0.0826	15.95	1438.71	1 SINGLE WALL DUCT TEE, 14" DUCT, ASSEMBLY.
P7 ASSEMBLED W/P6 D=S	DW1415ADIASY						13.89		1 DUCT ACCESS DOOR – INSULATED – USED WITH 14" DUCT – GREASE DAM INCLUDED – ASSEMBLY.
P8	DW1404C2D	1538				-0.001	2.47	1438.71	1 SINGLE WALL DUCT OFF SET COLLAR – 14" DIAMETER DUCT – 1/2" PITCH.
P9	DW1423LT	1538				-0.007	10.97	1438.71	1 SINGLE WALL DUCT 14" DIAMETER, 23" LONG, FLANGE AT BOTH ENDS. STAINLESS STEEL.
P10	DW1429LT	1538				-0.009	13.62	1438.71	1 SINGLE WALL DUCT 14" DIAMETER, 29" LONG, FLANGE AT BOTH ENDS. STAINLESS STEEL.
P11 ASSEMBLED W/P12	DW1448AJDKIT	1538				-0.009	26.62	1438.71	1 SINGLE WALL DUCT ADJUSTABLE, 14" DIAMETER, 47.5" LONG, FLANGE AT ONE END WITH A 14" ADJUSTABLE COLLAR – STAINLESS STEEL.
P12 ASSEMBLED W/P11 SYSTEM AT P12	DW2414TP	1538					12.00	1438.71	1 DUCT TO CURB TRANSITION, 24" CURB TO 14" DUCT, 16 GA ALUMINIZED. MISC. NON-STANDARD TRANSITION PLATE.
	3M-2000PLUS						0.80		3 DUCT – 3M FIRE BARRIER 2000 PLUS SILICONE – USED AS SEALANT TO SEAL DUCT JOINTS.
	DW14CLASY						1.06		10 DUCT "V" CLAMP WITH NEW DESIGN 14 GA BRACKETS, 14" DUCT, ASSEMBLY.
TOTAL WEIGHT							155.75		

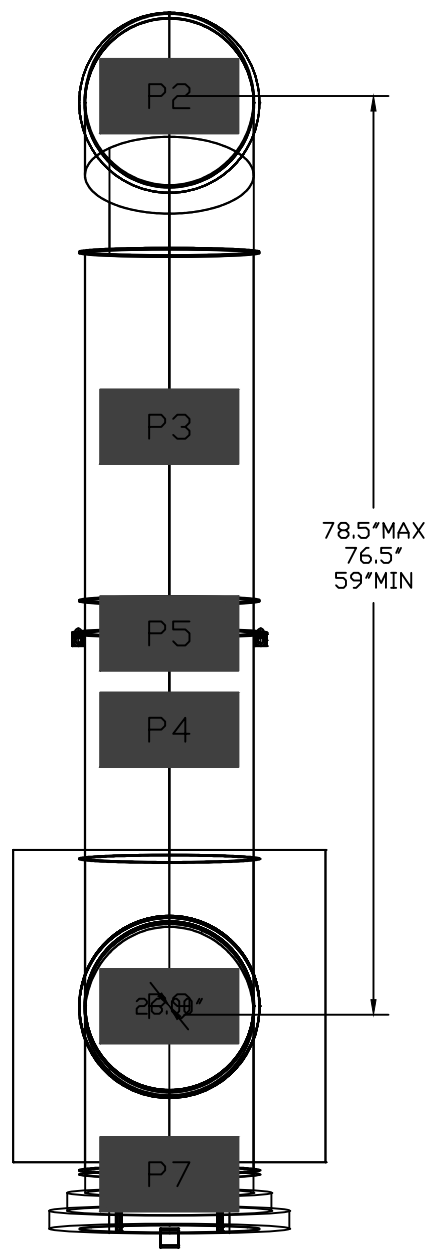
SINGLE WALL FACTORY BUILT DUCTWORK

- ALL DUCTWORK IS REQUIRED TO BE INSTALLED WITH THE MAXIMUM SUPPORT SPACING LISTED BELOW.
- FOR A COMPLETE LIST OF APPROVED SUPPORT METHODS, SEE THE INSTALLATION AND OPERATION MANUAL.
- DUCTWORK SHALL SLOPE NOT LESS THAN 1/16" PER LINEAR FOOT TOWARDS THE HOOD OR AN APPROVED GREASE COLLECTION RESERVOIR.
- WHERE HORIZONTAL DUCTS EXCEED 75 FEET IN LENGTH, THE SLOPE SHALL NOT BE LESS THAN 3/16" PER LINEAR FOOT.

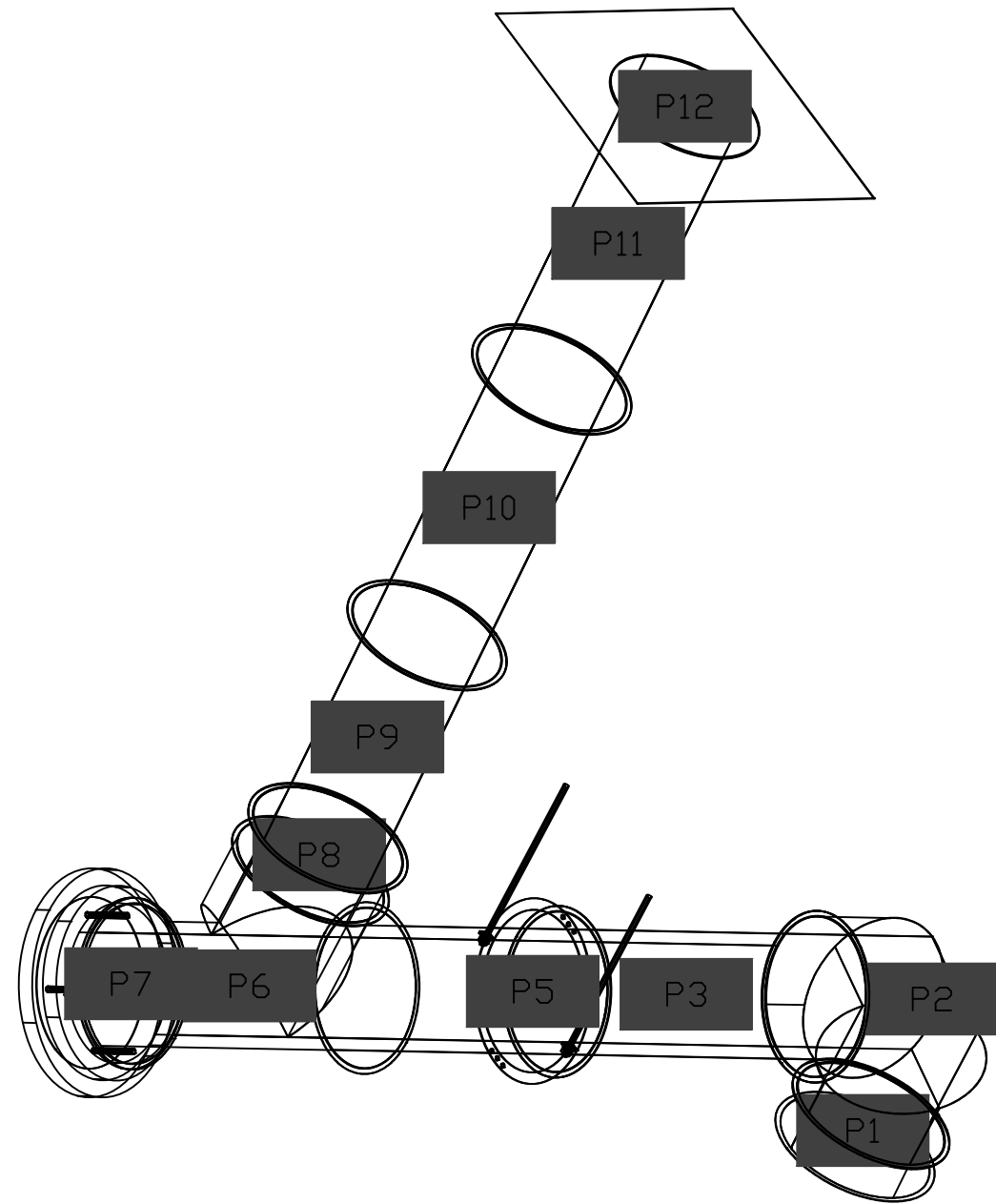
DUCT DIAMETER	HORIZONTAL SUPPORT (FT)	VERTICAL WALL SUPPORT (FT)	VERTICAL CURB SUPPORT (FT)
5"	10'	10'	24'
6"	10'	10'	24'
7"	10'	10'	24'
8"	10'	10'	24'
10"	10'	10'	24'
12"	10'	10'	24'
14"	10'	10'	24'
16"	10'	10'	24'
18"	10'	10'	24'
20"	10'	10'	24'
22"	10'	10'	24'
24"	10'	10'	24'
26"	10'	10'	24'
28"	10'	10'	24'
30"	10'	10'	24'
32"	10'	10'	24'
34"	10'	10'	24'
36"	10'	10'	24'

DO NOT LEAK TEST USING SMOKE BOMBS CONTAINING CHLORINES/CHLORIDES. CONSULT WITH CAPTIVEAIRE FOR PROPER LEAK TESTING METHODS.

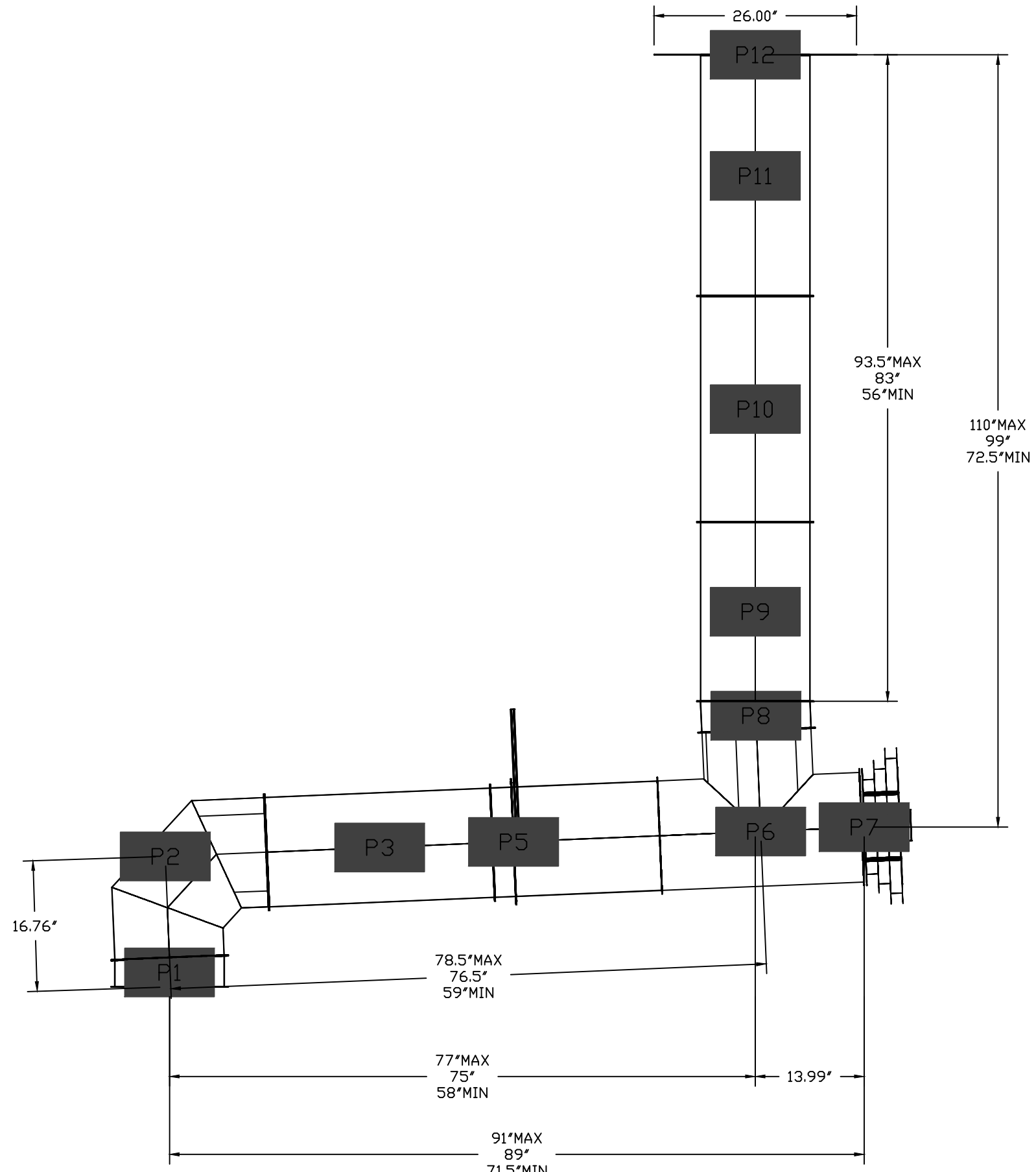
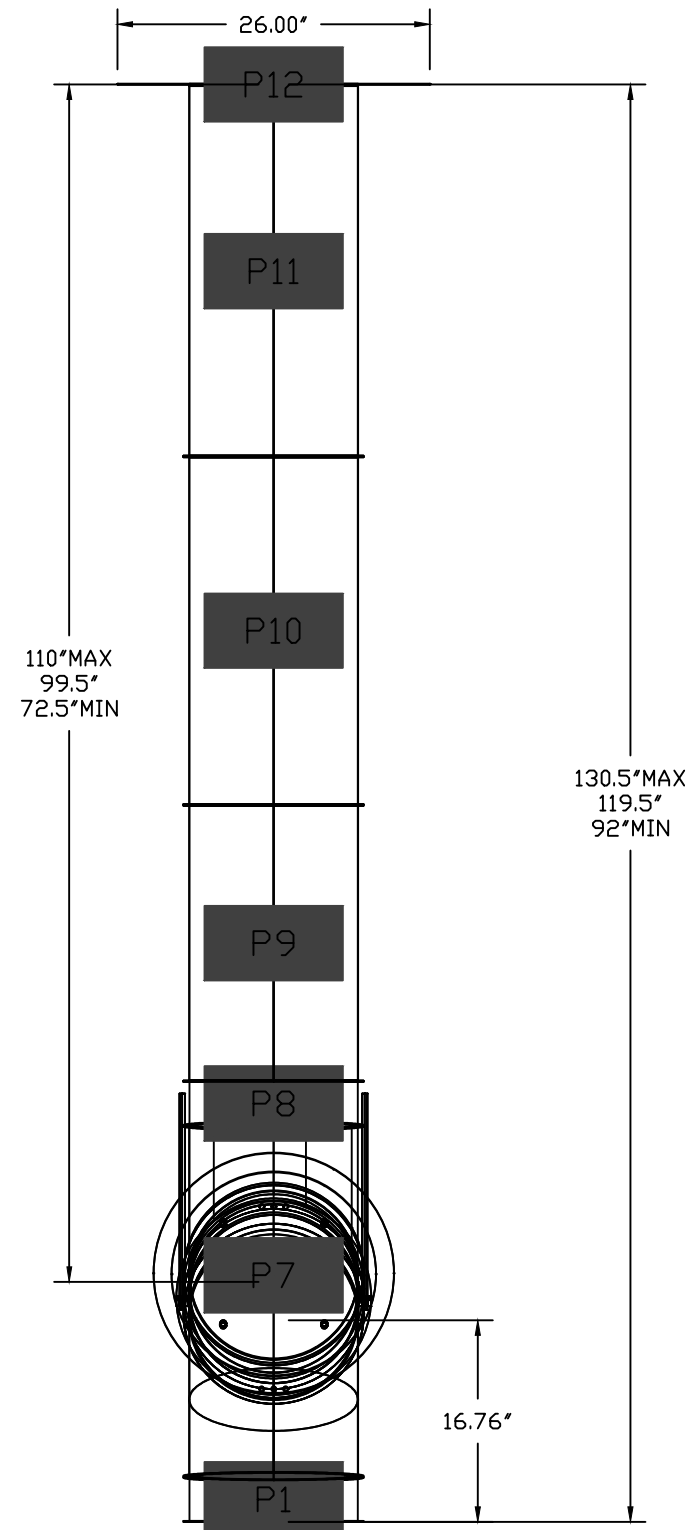
DUCTWORK #2 TOP VIEW



DUCTWORK #2 SE VIEW



DUCTWORK #2 FRONT VIEW DUCTWORK #2 SIDE VIEW



THIS DRAWING IS PROVIDED FOR REFERENCE ONLY. HOOD CONTRACTOR SHALL SELECT AND CERTIFY ALL EXHAUST/M.U. AIR FANS. ALL SYSTEMS SHALL MEET ALL APPLICABLE REQUIREMENTS OF STATE AND LOCAL CODES AND OTHER REQUIREMENTS AS SHOWN IN DESIGN DRAWINGS.

REVISIONS

DESCRIPTION	DATE:

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Eastern North Carolina

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HWY 55-PROTO 3.0-

DATE: 5/31/2022

DWG.#: 5469753

DRAWN BY: reg36

SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO. 8

LHMT Project No. 21318

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SHOP DRAWING FOR REFERENCE ONLY

PROJECT: **HIGHWAY 55**
3.0 PROTOTYPE
1424 CURTIS BRIDGE ROAD
WILKESBORO, NC 28697

DRAWING: HOOD DETAILS

Revisions

THRU	ADDENDUM	"A"
01/20/2022		

EQUIP. UPDATE – 06.24.2022

PROJECT DATE 01/07/2022

Drawn By

Checked By

Sheet No. **M509**