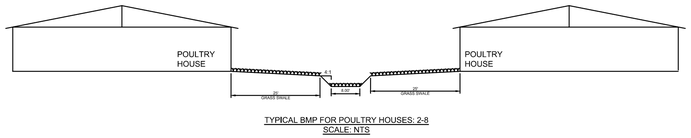

TYPICAL BMP FOR POULTRY HOUSES: 2-8
SCALE: NTS

TYPICAL BMP WETLAND SWALE
SECTS.= D-D, E-E, F-F, G-G
SCALE: NTS

STORM SEWER STRUCTURE TABLE		
ID	INV IN (FROM)	TYPE
FE-1	39.00 (SD-1)	30" FES
FE-2	40.00 (SD-2)	15" FES
FE-3	40.00 (SD-3)	15" FES
FE-4	40.00 (SD-4)	15" FES
FE-5	40.00 (SD-5)	15" FES
FE-6	39.25 (SD-6) MH-1	15" FES
FE-7	44.30 (SD-9)	15" FES
FE-8	43.86 (SD-10)	15" FES
FE-9	39.00 (SD-11)	15" FES
MH-1	41.65 (SD-7) 41.65 (SD-8) WW-1	48" MH
WW-1		38 "W X 45" H X 12" D CONCRETE WW

STORM SEWER PIPE TABLE STORM (1)						
ID	INV IN	INV OUT	DIAMETER (in)	MATERIAL	LENGTH (ft)	SLOPE
SD-1	39.00	38.00	30"	RCP CL III	109'	0.92%
SD-2	40.00	42.65	15"	CMP	147'	1.80%
SD-3	40.00	42.65	15"	CMP	147'	1.80%
SD-4	40.00	42.65	15"	CMP	146'	1.81%
SD-5	40.00	42.65	15"	CMP	147'	1.80%
SD-6	39.25	41.65	18"	CMP	141'	1.70%
SD-7	41.65	42.65	15"	CMP	40'	2.49%
SD-8	41.65	41.90	15"	CMP	127'	0.20%
SD-9	44.30	44.80	12"	RCP CL III	87'	0.57%
SD-10	43.86	44.24	15"	CMP	79'	0.48%
SD-11	39.00	38.00	15"	CMP	116'	0.86%

NORTH

LEGEND

EXISTING		PROP.
	BUILDING	
	GRAVEL	
	PROPERTY LINE	
	RIGHT-OF-WAY	
	BUILDING RESTRICTION LINE (B.R.L.)	
	EASEMENT	
	EDGE OF PAVEMENT	
16	CONTOUR	16
	LANDSCAPING, TREELINE	
	WATER MAIN / METER / VALVE	
	FIRE HYDRANT / SIAMESE CON.	
	STORM DRAIN PIPE	
	GRASS SWALE	
62.62	GROUND ELEVATION	
IPF	IRON PIN FOUND	
IRF	IRON ROD FOUND	
BND	BOUNDARY POINT	
STNF	STONE FOUND	
MON	CONCRETE MONUMENT	

LANDS N/F OF E.N. TYNDALL TRUSTEE TP #231-15.00-8.00 DB 2597, PG 0052 ZONE: AR

LANDS N/F OF KATHERINE ANN RICHARDSON, TRUSTEE TP #231-15.00-25.00 DB 4458, PG 100 ZONE: AR

S.C.R. #522A (50' R/W) RACCOON DITCH ROAD

PROP. 30'x50' CONC PAD

PROP. 30' x 80' WASTE STORAGE SHED,TYP.

PROP. 20'x80' COMPOSTER TYP.

PROP. 60' ENTRANCE

DISTANCE TO C.L. RACCOON DITCH RD 101.80'±

PROP. 40'x40' CONCRETE PAD (TYP. OF 16)

EX. WOODLINE

KsA PpA

PROP. 15' WIDE DRIVE

LANDS N/F OF MATTHEW TRIVITS TRIVITS FARMS, LLC TP # 231-15.00-9.00 DB 4437, PG 131 ZONE: AR

RACCOON DITCH TAX DITCH RIGHT-OF-WAY

90.00'

PROP. HOME SITE 6,300± S.F.

70.00'

FLOOD HAZARD AREA

PROPOSED TREELINE

ENTRANCE

LANDS N/F OF ABC WOODLANDS LLC TP #231-15.00-2.00 DB 2248, PG 0051 ZONE: AR

PROP. 61' x 601' POULTRY HOUSE #1
PROP. F.F. ELEV. 46.25

PROP. 11'x11' BIN PAD (TYP. OF 12)

PROP. 61' x 601' POULTRY HOUSE #2
PROP. F.F. ELEV. 46.25

PROP. 61' x 601' POULTRY HOUSE #3
PROP. F.F. ELEV. 46.25

PROP. 16'x40' GENERATOR ROOM

PROP. WELL (TYP. 6)

PROP. 61' x 601' POULTRY HOUSE #4
PROP. F.F. ELEV. 46.25

PROP. 61' x 601' POULTRY HOUSE #5
PROP. F.F. ELEV. 46.25

PROP. 61' x 601' POULTRY HOUSE #6
PROP. F.F. ELEV. 46.25

PROP. F.F.E. 46.00

25.00'

80.00'

50.00'

30.00'

FOREBAY BOTTOM = ELEV. 39.00

WETPOND BOTTOM = ELEV. 35.00

RACCOON DITCH TAX DITCH RIGHT-OF-WAY

EX. WOODLINE

LANDS N/F OF ANDERSON, MARCIA BURKE TRUSTEE TP # 231-15.00-10.00 DB 3691, PG 0041 ZONE: AR

LANDS N/F OF KATHERINE ANN RICHARDSON, TRUSTEE TP #231-15.00-25.00 DB 4458, PG 100 ZONE: AR

S.C.R. #446 (50' R/W) ASHBURY ROAD

DISTANCE TO C.L. ASBURY RD 214.93 ±

FOUND IRON PIN
N: 100,328,888.48
E: 640806.13
EL. 44.40
NAD 83
NAVD 88

0 80' 160'

PENNONI ASSOCIATES INC.
18072 Davidson Drive
Milton, DE 19968
T 302.684.8030 F 302.684.8054

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

TRIVITS FARMS, LLC POULTRY FARM

GRADING & DRAINAGE PLAN

MATTHEW TRIVITS
12319 COUNTY SEAT HWY.
LAUREL, DE 19956

NO.	DATE	REVISIONS SCD COMMENTS	BY
4	07/22/16	REVISIONS	TPM

ALL DOCUMENTS PREPARED BY PENNONI ASSOCIATES ARE INSTRUMENTS OF SERVICE IN RESPECT OF THE PROJECT. THEY ARE NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR REUSE BY OWNER OR OTHERS ON THE EXTENSIONS OF THE PROJECT OR ON ANY OTHER PROJECT. ANY REUSE WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY PENNONI ASSOCIATES FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT OWNERS SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO PENNONI ASSOCIATE, AND OWNER SHALL INDEMNIFY AND HOLD HARMLESS PENNONI ASSOCIATES FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM.

PROJECT	MTRI1501
DATE	2015-11-06
DRAWING SCALE	1"=80"
DRAWN BY	JRE\TPM
APPROVED BY	CRS

GP-1

S:\PROJECTS\MTRIMTRI1501-Matthew Trivits Poultry Farm\DESIGN_PUBLISH\03_GRADING & DRAINAGE PLAN_GP-1.dwg PLOTTED: 8/30/2016 1:41 PM, BY: Tom McDonnell PLOTSTYLE: Pennoni NCS.stb PROJECT STATUS: —