EX. TERTIARY BUILDING (1 7 8 9 10 11)

EXHAUST FAN OPENING

1/4"/FT. SLOPE

CONCRETE PAD

EX. 6" TERT. DRAIN

PROP. 2" WATER SVC.

YARD HYDRANT

18" TYP.

STEP, 8" IN HEIGHT FROM CONCRETE WALK, TO SUPPORT GTATING

4" KICKPLATE (TYP)

EX. 60,000 GALLON AERATION TANK

(1 7 8 9 10 11) (3 5 6) TEE WITH CLEAN-OUT (TYP.)

NOTE: ALL RAIL POSTS ON INSIDE CHANNEL OF AERATION TANKS TO BE EASILY REMOVED.

(2) 3" SLUDGE RETURN LINES (STACK VERTICALLY)

SAMPLING SHED (4X4X8)

YARD HYDRANT

POWER TO MUFFIN MONSTER IN 1" TUBING

GRATING

STEP,8"IN HEIGHT FROM CONCRETE MIDWALL. (REMOVEABLE)

(2) 3" SLUDGE RETURN LINES (STACK VERTICALLY)

UNIONS

42" WIDE GRATING (4) REMOVABLE SECTIONS

EX. SETTLING TANKS W/ MODIFICATIONS

NOTE: FROM TOP OF CONCRETE WALL TO BASE OF GRATING IS 8".

EX. 60,000 GALLON AERATION TANK (1 7 8 9 10 11) (3 5 6)

48" WIDE GRATING OVER SETTLING TANKS

STEP, 8" HIGH FROM WALKWAY, TO SUPPORT GRATING

NOTE: CONCRETE WALKWAY TO BE FLUSH WITH TOP OF WALL AND SLOPING AWAY AT 1/4"/FT.

16'-0"

ELEV. 1012.25

105 L.F. 4" D.I.F.M.

2'-0" CLEAR

3'-6"

4'-8"

30° BEND

B C D

CONCRETE PAD

EX. CL2 SHED AND FOUNDATION TO BE REMOVED

2" WATER SVC.

4.00" AIR SUPPLY

RELOCATE EX. FLOW METER

EX. CL. CONTACT TANK

6" PVC.

1% MIN. SLOPE

CLEAN-OUT PLUGS, TYP.

EX. INVERT ELEV. 1009.40

1" POWER CONDUIT

FOR BUBBLER PIPE

BALL VALVE

KNUCKLE JOINT

PROP. CHAIN LOCK (1 3 7 8 9 10 11)

2'X2'X2' SUMP

CAM LOCK, FEMALE FITTING

6"x3" REDUCER

6"x6" WYE

6" 30° BEND

6" PLUG VALVE

AEROBIC DIGESTOR

RFI #1

MOVE DIG. 8'-0" N.

8" P.V.C. OVERFLOW INV. ELEV. 1010.25

TWO 90° VERT. BENDS

6" P.V.C. DECANT/DRAIN LINE @ 1.00%

8" P.V.C. DECANT/DRAIN LINE @ 1.00% – WYE TO WETWELL

PUMP STATION (SEE SHEET 7) (1 7 8 9 10 11) (3 5)

VALVE VAULT (1 7 8 9 10 11 5)

8" D.I. PIPE 33 LIN. FT. @ 1.00%

45° BEND

ULTRAVIOLET DISINFECTING (1 3 5 7 8 9 10 11 12)

2-45° BENDS

8" PVC EFFLUENT 95 L.F. @ 1.0%

(TO BE COVERED FROM FENCE TO SIDEWALK)

MANHOLE #2
TOP ELEV. 1013.00
INV. ELEV. 8" N&W 997.51

8" D.I.P.

19 L.F. @ 1.00%

MANHOLE #1
TOP ELEV. 1012.70
EX. INV. ELEV. 8" E 997.74
PROP. INV. ELEV. 8" S 997.70

your trusted advisor consultants → engineers architects planners

NO	REVISION	DATE

CITY OF BARBERTON
PACKAGE PLANT ELIMINATION
PHASE 3 - BRENTWOOD
CITY OF BARBERTON, COUNTY OF SUMMIT, OHIO

SCALE:	AS SHOWN
DATE:	4/10/18
DESIGNED BY:	EMF
DRAWN BY:	BEK
CHECKED BY:	EMF

DEMOLITION PLAN

PROJECT NO:	
170804	
DRAWING NAME	
DM-2	
SHEET	OF
12	17

H:\2017\170804\DWG\SHEETS\C_170804 – BRENTWOOD PLANT – PH3.DWG – DM-2 – 11/19/2019 9:20:23 AM – BRIAN KELL