PROPOSED BUILDING
FF=884.25

EX SAN MH
T/GR=884.80
INV=874.85

EX CB
T/GR=881.77
INV=878.42

CONNECT TO EX 8" WATER WITH 6" TAPPING SLEEVE AND VALVE

RELOCATED FH

CONNECT TO EX CB
T/GR=881.79
12" INV=877.59
15" INV = 876.09
42" INV=876.09

RELOCATE EX LIGHT POLE

ENCASE SANITARY AND STORM CROSSING IN CONCRETE CRADLE

EX SAN MH
T/GR=882.74
INV=877.94

RELOCATE EX LIGHT POLE

APPROXIMATE LOCATION EXISTING GAS FIELD VERIFY

EX 42" STM

EX SAN MH
T/GR=884.30
INV=876.83

EX CB
T/GR=883.91
INV=880.73

EX CB
T/GR=880.19
INV=877.39

EX CB
T/GR=881.22
42" INV (E)=873.72
42" INV (W)=871.25

EX CB
T/GR=880.05
INV=876.36

EX UTILITY EASEMENT

RELOCATE EX FH
CONNECT TO EX 6" LINE

(27) 16"STM@0.50%
0.93%

11.25° BEND

6" TEE

(2) 45° BENDS

W.V.

4"W

8"W

DUAL SERVICE WATER METER PIT WITH 3" DOMESTIC METER & FDC AND 1.5" IRRIGATION METER

ODOT CB2-2B
T/G=882.25
15"(SE)INV=877.70
15"(NW)INV=877.78
882.20
877.88

45° BENDS

ODOT CB2-2B
T/G=882.49
876.34 15"(SE)INV=876.30
876.34 15"(N)INV=876.26

(140) 15"STM@1.00%
1.10%

2.19%

18"-15"STM@0.50%

ODOT CB2-2B 882.22
T/G=882.22
15"(NW)INV=877.04
15"(SW)INV=877.04
878.23

(29) 15"STM@0.50%
0.52%

ODOT CB2-2B 881.97
T/G=881.78
12"(S)INV=878.23
15"(NE)INV=877.06
15"(W)INV=877.06
878.38

(35) 12"STM@0.50%
2.03%

ODOT CB2-2B 881.78
T/G=881.61
12"(N)INV=878.38
879.03

4" DOMESTIC LINE

(1) 4" TELEPHONE CONDUIT
(1) 4" CABLE CONDUIT

EX HW
INV =870.85

Ex. 3.5'x4' CMP
Inv=870.8

45° BEND

EX 42" STM

86'-8" SAN SDR-35 @0.70%

WV

8"W

EX SAN MH
CONNECT TO EX
T/GR=881.62
INV=876.56

WITHIN LIMITS OF THE BUILDING WATERLINE SHALL BE CLASS 53 DUCTILE IRON WITH FIELD LOK GASKETS

22.5° BEND

45° BEND

22'-6" SAN LAT @ 5.36%

6" INV=878.43

CONTROL MANHOLE
T/GR=882.00
INV=877.25

CONNECT TO EX SAN
INV=877.13
4'-8" SAN LAT @ 2.08%

SANITARY MANHOLE A
T/GR=882.04
INV=875.96

ABANDON EXISTING SANITARY IN PLACE BY GROUTING

ABANDON EXISTING SANITARY IN PLACE BY GROUTING

EX SAN MH
TO BE REMOVED
T/GR=882.38
INV=876.04

45° BEND

ODOT HW 2.2 PLACED IN RETAINING WALL
(31) 12"(SE)INV=877.71
876.11

EXISTING RETENTION POND TO BE MODIFIED BY OTHERS TO PROVIDED FOR DETENTION AND WATER QUALITY

LOWER WATER UNDER STORM

104'-12"STM@3.30%
3.30%

11.25° BEND

ODOT CB2-3
T/G=882.92 882.78
8"(NE)INV=878.90 878.91
8"(E)INV=879.04
(30) 12"(NW)INV=878.76 879.64
878.91

KY STANDARD HEADWALL
RDH-110-02
(19) 30"(SE)INV=873.53
873.63

(23) 30"STM@0.50%
0.13%

ODOT CB2-4
T/G=880.31 880.15
(15) 30"(S)INV=873.04
30"(NW)INV=873.04 873.65

11.25° BEND

FH & WV

8"x6" REDUCER

6" WM

ODOT CB2-4 880.61
T/G=880.43
(17) 30"(S)INV=873.96
30"(N)INV=873.96
874.25

(121) 30"STM@0.50%
0.26%

(138) 24"STM@0.50%
0.51%

ODOT CB2-4
T/G=882.50 882.38
(16) 24"(E)INV=874.07 875.03
30"(N)INV=874.57 874.57

ODOT CB2-3
T/G=882.50 882.66
(15) 10"(N)INV=878.20 878.30
24"(W)INV=876.76
24"(E)INV=876.76 875.74

(47) 24"STM@0.50%
0.87%

ODOT CB2-3
T/G=882.50 882.43
(14) 10"(N)INV=876.20 878.18
24"(E)INV=876.99
24"(W)INV=876.99 876.15

(86) 24"STM@0.50%
0.52%

ODOT CB2-3
T/G=882.75 882.89
(13) 12"(N)INV=877.05 877.15
24"(E)INV=876.43
24"(W)INV=876.43 876.61

(92) 24"STM@0.50%
0.84%

ODOT CB2-3
T/G=882.90 882.41
(12) 12"(N)INV = 877.08 877.50
18"(E)INV=877.39 877.76
24"(W)INV=876.89 877.38

(111) 18"STM@0.50%
0.49%

ODOT CB2-2B
T/G=882.35 882.83
8" INV=878.29
(11) 18"(W)INV=877.94 878.30
15"(N)INV=878.00 878.42

BEGIN TRENCH DRAIN
T/GR=879.66
INV=878.66

- 24' - TRENCH DRAIN @0.50%

END TRENCH DRAIN
T/GR=879.66
INV=878.54

ODOT CB2-2B
T/G=882.75 883.62
12" INV=880.12 880.54
15"(S)INV=878.58 879.34
(10)

15" YARD DRAIN
T/GR=883.00
INV=880.50

38' - 12" STM@1.00%

(80) 15"STM@0.70%
1.13%

10' - 8" STM @ 0.50%

BEGIN TRENCH DRAIN
T/GR=879.66
INV=878.49

31' - TRENCH DRAIN @0.50%

END TRENCH DRAIN
T/GR=879.66
INV=878.31

16' - 8" STM @ 0.50%
WITH BENDS

45° BENDS

8" TEE

8"x6" REDUCER

6" WM

ELECTRIC TRANSFORMER

EX CB
T/GR=884.72
INV=882.68

EX SAN EASEMENT

EX SAN MH
T/GR=885.86
INV=880.08

FH & WV

Lot #14 | Lot #15 | Lot #16 | Lot #17 | Lot #18 | Lot #19 | Lot #20 | Lot #21 | Lot #22 | Lot #23 | Lot #24

BETHANY STATION SUBDIVISION

Basis of Bearing:
State Plane NAD83 (2011)

0 30 45

SCALE: 1" = 30'

ETTA M. RICE
REGISTERED PROFESSIONAL ENGINEER
4-4-19
Storm As Builts

STATE OF OHIO
MORK J. LACHNIET
E-71746
REGISTERED PROFESSIONAL ENGINEER

Item	Revision Description	Date	Drwn	Chk
1	FINAL DEVELOPMENT PLAN	12-15-16	MJL	
2	UTILITY COORDINATION	07-15-16	MJL	
3	SANITARY SEWER PROFILE	09-26-16	MJL	
4	BUILDING PERMIT	10-17-16	MJL	
5	STORM SEWER AS-BUILTS	02-09-17	MJL	
6				
7				
8				
9				

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CAREPOINTE NURSING

CHESTERWOOD BLVD
WEST CHESTER TOWNSHIP, BUTLER COUNTY, OHIO
SECTION 11, TOWN 3, RANGE 2

UTILITY PLAN

bayer becker
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Mason, OH 45040 - 513.336.6600

Drawing: 15-0081 CD
Drawn by: MJL
Checked By:
Issue Date: 02-16-16
Sheet: C4.0

Plot time: Feb 09, 2017 - 12:51pm
Drawing name: J:\2015\15-0081\CVD\WG\15-0081 CD.dwg - Layout Tab: C4-0 Utility Plan