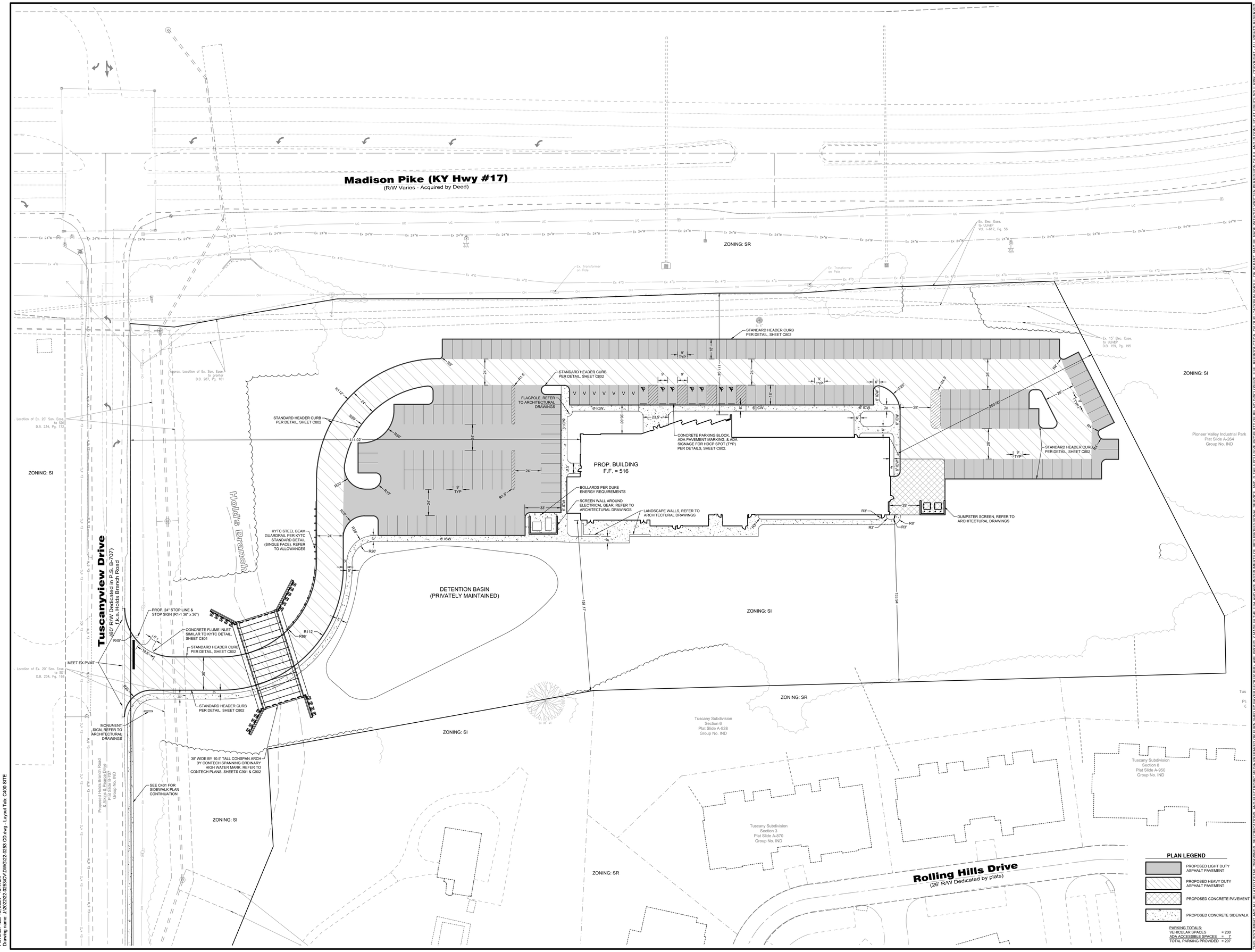



Basis of Bearing:
State Plane NAD83 (2011)
0 30 45
SCALE: 1" = 30'

STATE OF KENTUCKY
JAMES R. DOYLE
29812
PROFESSIONAL ENGINEER
James R Doyle 3-20-24

| Item | Revision Description | Date | Drwn | Chk |
|---|---|---|---|---|
| 1 | PERMIT SET | 03-08-24 | JRD | JRD |
| 2 | BID SET | 03-20-24 | JRD | JRD |

**KENTON COUNTY SCHOOL DISTRICT**
**NEW BOARD OFFICE**
2044 TUSCANYVIEW DRIVE
COVINGTON, KY
BG# 24-084
SITE PLAN

bayer becker
www.bayerbecker.com
209 Grandview Drive
Fort Mitchell, KY 41017 - 859.261.1113

Drawing: 22-0253 CD
Drawn by: JRD
Checked By: JRD
Issue Date: 02-21-24
Sheet: C400

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Plot time: Mar 18, 2024 - 10:47am
Drawing name: J:\2022\22-0253\CV\DWG\22-0253 CD.dwg - Layout Tab: C400 SITE

Basis of Bearing:
State Plane NAD83 (2011)

0 30 45

SCALE: 1" = 30'

STATE OF KENTUCKY
JAMES R. DOYLE
29812
PROFESSIONAL ENGINEER
James R Doyle 3-20-24

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| Item | Revision Description | Date | Drwn. | Chk. |
|---|---|---|---|---|
| 1 | PERMIT SET | 03-08-24 | JRD | JRD |
| 2 | BID SET | 03-20-24 | JRD | JRD |

**KENTON COUNTY SCHOOL DISTRICT**
**NEW BOARD OFFICE**
**2044 TUSCANYVIEW DRIVE**
**COVINGTON, KY**
**BG# 24-084**

**UTILITY PLAN**

bayer becker
www.bayerbecker.com
209 Grandview Drive
Fort Mitchell, KY 41017 - 859.261.1113

Drawing: 22-0253 CD
Drawn by: JRD
Checked By: JRD
Issue Date: 02-21-24
Sheet: **C500**

Plot time: Mar 18, 2024 - 10:47am
Drawing name: J:\2022\22-0253\CV\DWG\22-0253 CD.dwg - Layout Tab: C500 UTILITY PLAN

**Madison Pike (KY Hwy #17)**
(R/W Varies - Acquired by Deed)

**Tuscanyview Drive**
(60' R/W Dedicated in P.S. B-707)
f.k.a. Holds Branch Road

**Rolling Hills Drive**
(26' R/W Dedicated by plats)

Holds Branch

Ex. Son. MH Rim=499.22 Inv=484.25 (per SD1)
Ex. 18"x7" Inv.=487.35
Ex. 18"x7" Box Culvert
Ex. 18" CMP Inv.=490.10
Ex. 18" CMP Inv.=489.95
Ex. 18"x7" Inv.=488.28
Ex. 24" CMP Inv.=493.45
Ex. Son. MH Rim=498.93 Inv=492.93 (per SD1)
Ex. Son. MH Rim=499.69 Inv=492.64 (per SD1)
Ex. Son. MH Rim=504.52 Inv=493.49 (per SD1)
Location of Ex. 20' Son. Ease. to SD1 D.B. 234, Pg. 172
Approx. Location of Ex. Son. Ease. to grantor D.B. 287, Pg. 101
Location of Ex. 20' Son. Ease. to SD1 D.B. 234, Pg. 169
Ex. Transformer on Pole
Ex. C.B. Inv.=497.18 Inv.=493.48
Stm. C.B. Inv.=504.52 Inv.=494.85
Ex. Elec. Ease. to ULH&P Vol. I–817, Pg. 56
Ex. 15' Elec. Ease. to ULH&P D.B. 159, Pg. 195
Ex. 4" Ex. 36" MT

NEW ELECTRIC SERVICE. COORDINATE WITH ONSITE UTILITIES, MEP DRAWINGS AND DUKE ENERGY

CONTRACTOR TO OBTAIN KYTC ENCROACHMENT PERMIT PRIOR TO ANY WORK IN KY 17 RIGHT-OF-WAY

PROPOSED TAPPING SLEEVE PER NKWD REQUIREMENTS (CONTRACTOR TO FIELD MEASURE EXISTING WATER MAIN TO CONFIRM DIMENSIONS PRIOR TO ORDERING SLEEVE.) COORDINATE WORK WITH NKWD.

PROPOSED 6" VALVE AT R/W LINE
DAYLIGHT 4" PIPE FROM METER PIT SUMP
PROPOSED DUAL SERVICE WATER METER PIT PER NKWD REQUIREMENTS. COORDINATE MEP AND FIRE DEPT.
FIRE PROTECTION LINE
PROPOSED 6" VALVE & FIRE HYDRANT ASSEMBLY
3" WATER SERVICE
LOWER WATER LINES UNDER STORM SEWER
FDC AND CHECK VALVE PER NKWD REQUIREMENTS
CONNECT UNDERDRAIN TO CB WITH SOLID WALL PIPE
UNDERDRAIN SEE DETAIL, SHEET C802
OUTLET EROSION PROTECTION 12" THICK, D50 = 6"
HW-1 24"(E)INV=508.08
HW-1 24"(W)INV=510.50

NOTE: REFER TO MEP PLANS FOR LOCATION OF GEOTHERMAL FIELD. COORDINATE WITH PROPOSED WATER AND STORM UTILITIES

PROP. BUILDING F.F. = 516

CB2-3 T/G=512.24 18"(NE)INV=508.45 18"(SW)INV=509.20 12"(SE)INV=510.03
CB2-3 T/G=513.91 18"(NE)INV=508.74 18"(SW)INV=508.74 12"(SE)INV=509.76
CB2-3 T/G=512.42 18"(NE)INV=507.10 24"(SE)INV=507.20
CB2-3 T/G=513.17 6"(NE)INV=509.66 6"(S)INV=509.66
CB2-3 T/G=511.25 12"(SW)INV=506.42 24"(NW)INV=505.93 24"(SE)INV=505.93
CB2-3 T/G=511.55 6"(NW)INV=508.68 6"(SE)INV=508.68
CB2-3 T/G=510.40 12"(NE)INV=507.05
CB2-4 T/G=508.00 24"(SW)INV=501.40
CB-3 T/G=509.04 12"(NE)INV=506.09
CB2-2B T/G=519.01 12"(NW)INV=511.55
CB2-2B T/G=514.45 12"(NW)INV=511.28
CB2-3 T/G=513.67 15"(SW)INV=510.29
CLEANOUT T/RIM=510.91 6"(NE)INV=510.91
CLEANOUT T/RIM=510.45 6"(SW)INV=510.91
CLEANOUT T/RIM=510.37 6"(NW)INV=508.09 6"(SE)INV=508.09
CLEANOUT T/RIM=511.01 6"(NW)INV=507.50 6"(S)INV=507.50
CLEANOUT T/RIM=506.18 6"(N)INV=503.44 6"(S)INV=503.45
CLEANOUT T/RIM=509.81 6"(N)INV=506.62 6"(S)INV=506.62
STORM MANHOLE T/G=514.64 12"(NE)INV=509.52 12"(SE)INV=509.52
STORM MANHOLE T/G=514.32 12"(NE)INV=510.46 4"(NW)INV=511.76 12"(SW)INV=510.46
STORM MANHOLE T/G=514.54 12"(NW)INV=511.46 12"(SW)INV=511.46
HW-1 12"(NW)INV=509.42
HW-1 24"(NW)INV=505.83
HW-1 12"(SW)INV=505.55
HW-1 24"(W)INV=510.50
STORM MANHOLE T/G=514.64 12"(NW)INV=509.42 12"(SE)INV=509.42
STORM MANHOLE T/G=514.64 12"(NW)INV=509.42 12"(SE)INV=509.42
STORM MANHOLE T/G=514.64 12"(NW)INV=509.42 12"(SE)INV=509.42

188'-18"STM@0.55%
84'-18"STM@0.55%
143'-15"STM@0.50%
185'-24"STM@0.55%
72'-6"SAN@1.00%
53'-6"SAN@1.00%
116'-8"STM@2.05%
99'-8"SAN@1.00%
53'-12"STM@1.00%
94'-12"STM@1.00%
101'-12"STM@1.00%
24'-12"STM@2.14%
184'-24"STM@1.25%
45'-8"STM@3.55%
39'-12"STM@1.00%
76'-12"STM@2.00%
45'-8"STM@3.55%
36'-8"SAN@1.00%
53'-6"SAN@1.00%
70'-12"STM@1.00%

6" Inv=511.00 COORDINATE LOCATION AND INVERT WITH PLUMBING DRAWINGS
6" Inv=513.50 COORDINATE LOCATION AND INVERT WITH PLUMBING DRAWINGS
8" Inv=512.05 COORDINATE LOCATION AND INVERT WITH PLUMBING DRAWINGS
4" Inv=513.50 COORDINATE LOCATION AND INVERT WITH PLUMBING DRAWINGS
12" Inv=511.73 COORDINATE LOCATION AND INVERT WITH PLUMBING DRAWINGS
DOMESTIC WATER AND FIRE PROTECTION ENTERING BUILDING. REFER TO PLUMBING & FIRE PROTECTION DRAWINGS FOR LOCATION AND CONTINUATION
APPROX LOCATION OF PROPOSED TXMR PAD AND GENERATOR PAD. SEE MEP PLANS AND COORDINATE WITH DUKE ENERGY

DETENTION BASIN (PRIVATELY MAINTAINED)
DETENTION POND OUTFALL PIPE DAYLIGHTING THROUGH CONSPAN HEADWALL
KYTC CLASS III CHANNEL LINING, 24" THICK
CONNECT LATERAL TO EX MAIN PER SD1 DETAIL, DROP STACK SERVICE CONNECTION, SHEET C800. FIELD VERIFY EXISTING SIZE, LOCATION, AND ELEVATION PRIOR TO CONSTRUCTION. EX INV = 493.1±
38' WIDE BY 10.5' TALL CONSPAN ARCH BY CONTECH SPANNING ORDINARY HIGH WATER MARK. REFER TO CONTECH PLANS, SHEETS C901 & C902

Proposed Holds Branch Road & Akin Subdivision Plat Slide A-264 Group No. IND
Pioneer Valley Industrial Park Plat Slide A-264 Group No. IND
Tuscany Subdivision Section 6 Plat Slide A-928 Group No. IND
Tuscany Subdivision Section 3 Plat Slide A-870 Group No. IND
Tuscany Subdivision Section 8 Plat Slide A-950 Group No. IND
Ex. 4" PVC Inv.=547.52
Ex. 4" PVC Inv.=542.93
Ex. 6" PVC Inv.=571.06
Ex. 4" PVC Inv.=568.11
Ex. 4" PVC Inv.=571.28

PLAN LEGEND
EXISTING STORM SEWER
PROPOSED STORM SEWER
EXISTING SANITARY SEWER
PROPOSED SANITARY SEWER
PROPOSED CLEANOUT
PROPOSED ELECTRIC SERVICE
PROPOSED WATER SERVICE
DS UNDERGROUND STORM SEWER PIPING FOR CANOPY DOWNSPOUTS. PROVIDE 2' MINIMUM COVER AND SLOPE AT 2% MINIMUM (UNLESS NOTED OTHERWISE) AND CONNECT TO STORM SEWERS AS INDICATED. REFER TO ARCHITECTRUAL DRAWINGS FOR DOWNSPOUT LOCATIONS.