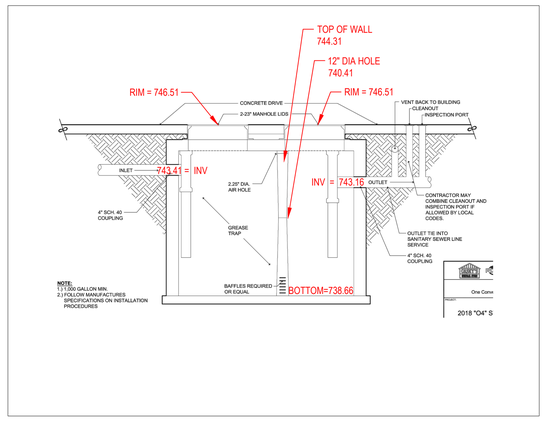


GREASE INTERCEPTOR DETAIL
NTS

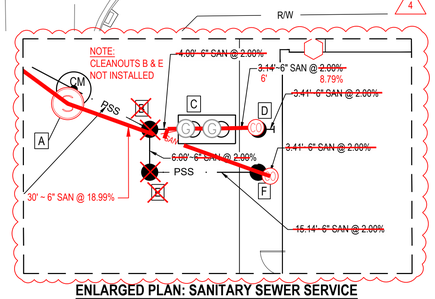
CODED NOTES:

4

1. CONTRACTOR SHALL FURNISH AND INSTALL 2" COPPER K TUBING FROM NEW 2" TAP TO BUILDING. CONTRACTOR TO INSTALL 12"X2" TAPPING SLEEVE AND VALVE FOR CONNECTION TO WATER MAIN. CONTRACTOR IS RESPONSIBLE FOR ALL WORK PERMITS WITHIN THE PUBLIC RIGHT-OF-WAY. NEW WATER TAPS WILL NEED TO BE INSTALLED AT WATER MAIN. CONTRACTOR MUST OBTAIN A UTILITY PERMIT FROM BUTLER COUNTY ENGINEER'S OFFICE (BCEO), MARK CONNER. SEE WEBSITE: HTTPS://HH.PERMITS/BCEO.ORG/
2. CONNECT 6" SDR-35 PVC SANITARY SERVICE TO EXISTING SANITARY SEWER CLEANOUT PER BUTLER COUNTY STANDARDS. CONTRACTOR TO FIELD LOCATE AND VERIFY EXISTING SANITARY SEWER LINE. CONTRACTOR TO PROVIDE ALL NECESSARY FITTINGS FOR FINAL CONNECTION. CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF EXISTING UTILITIES.
3. CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR AND THE LOCAL UTILITY COMPANY TO INSTALL PRIMARY RISER AS REQUIRED TO PROVIDE ELECTRICAL SERVICE TO THE PROPOSED BUILDING. CONTRACTOR TO COORDINATE WITH ELECTRICAL CONTRACTOR AND THE LOCAL UTILITY COMPANY TO INSTALL NEW POLE MOUNTED TRANSFORMER.
4. COORDINATE UTILITIES WITH PLUMBING CONTRACTOR, CAP AND MARK FOR FUTURE CONNECTION. FINAL CONNECTION BY PLUMBING CONTRACTOR.
5. ELECTRICAL SERVICE ENTRANCE. ELECTRIC 3-PHASE 800 AMP, 120/208 VOLTS, 4-WIRE. 20 PAIR, 8 LINES. COORDINATE WITH ELECTRICAL CONTRACTOR FOR CONNECTION LOCATION OF ELECTRICAL SERVICE.
6. SUPPLY AND INSTALL (1) 1000 GAL. BELOW GRADE GREASE INTERCEPTOR. SEE DETAILS ON SHEET C-604.
7. SUPPLY AND INSTALL (2) ODOT 3A STANDARD CATCH BASIN.
8. 6" OUTLET (NO STRUCTURE). OUTLET INVERT ELEVATION = ~~740.00~~ 739.48
9. CONNECTION TO GAS MAIN. DUKE ENERGY SHALL FURNISH AND INSTALL GAS LINE FROM METER TO NEW TAP. THE CONTRACTOR SHALL INSTALL THE GAS LINE FROM THE METER TO THE BUILDING SERVICE PER THE BUILDING DRAWINGS. CONTRACTOR MUST OBTAIN A UTILITY PERMIT FROM BUTLER COUNTY ENGINEER'S OFFICE (BCEO), MARK CONNER. SEE WEBSITE: HTTPS://HH.PERMITS/BCEO.ORG/
10. SUPPLY AND INSTALL (1) ODOT 1.1 STANDARD MANHOLE. CONTRACTOR TO CONNECT EXISTING CULVERT EXTENSION PIPE TO PROPOSED MANHOLE FOR TIE-IN.
11. SUPPLY AND INSTALL (1) ODOT 2.1 STANDARD HALF-HEIGHT HEADWALL.
12. SUPPLY AND INSTALL (1) ADS NYLOPLAST DRAIN BASIN. SEE DETAILS ON SHEET C-605.
13. UTILITY CROSSING. CONTRACTOR TO VERIFY ALL LOCATIONS AND DEPTHS OF UTILITIES BEFORE CONSTRUCTION. UTILITIES SHALL HAVE 18" OF VERTICAL SEPARATION.
14. PROPOSED POWER POLE WITH POLE MOUNTED TRANSFORMER BY ELECTRIC COMPANY. CONTRACTOR TO COORDINATE WITH ELECTRIC COMPANY FOR FINAL LOCATION AND TIE-IN.
15. BACKFLOW PREVENTOR IN BUILDING. REFER TO PLUMBING PLANS.
16. CONTRACTOR SHALL INSTALL 1.5" WATER METER PIT. CONTRACTOR TO COORDINATE WITH BUTLER COUNTY WATER & SEWER.
17. CONTRACTOR TO INSTALL SANITARY SEWER CONTROL MANHOLE PER BUTLER COUNTY DETAIL SEE SHEET C-605. CONTRACTOR SHALL COORDINATE WITH BUTLER COUNTY WATER & SEWER.

GENERAL NOTE:

1. SEWER CLEAN OUTS IN PARKING LOTS OR ROADWAYS MUST HAVE A CAST IRON FRAME AND LID.



ENLARGED PLAN: SANITARY SEWER SERVICE
SCALE: 1" = 10'

SANITARY SEWER STRUCTURE SCHEDULE

NO.	STRUCTURE	RIM	INVERT
A	BUTLER COUNTY CONTROL MANHOLE	~~746.12~~ 745.88	~~737.12~~ (6") SE 737.19 ~~737.12~~ (6") NW 737.19
~~B~~	~~6" CO~~ NOT INSTALLED	~~746.67~~	~~742.54~~ (6") E ~~742.51~~ (6") S ~~738.29~~ (6") NW
C	GREASE INTERCEPTOR	~~746.63~~ 746.51	~~742.87~~ (6") E 743.41 ~~742.62~~ (6") W 743.16
D	6" CO	~~746.91~~ 746.97	~~742.93~~ (6") E 742.87 ~~742.93~~ (6") W 742.87
~~E~~	~~6" CO~~ NOT INSTALLED	~~746.76~~	~~742.63~~ (6") E ~~742.63~~ (6") N
F	6" CO	~~746.93~~ 747.01	~~742.93~~ (6") E 742.90 ~~742.93~~ (6") W 742.90
EX C.O.	EX. 6" CO	~~735.55~~ 739.91	~~731.59~~ (6") SE 726.71 ~~727.50~~ (6") N 726.71

STORM SEWER STRUCTURE SCHEDULE

NO.	STRUCTURE	GRATE	INVERT
1	HEADWALL	N/A	~~738.26~~ (18") SE 738.22
2	CATCH BASIN	~~741.90~~ 741.97	~~738.45~~ (18") E 738.62 ~~740.25~~ (6") NE 738.77 ~~738.45~~ (18") NW 738.57
3	CATCH BASIN	~~744.50~~ 744.24	~~738.95~~ (12") E 739.14 ~~738.95~~ (18") W 739.14
4	MANHOLE	~~748.90~~ 749.03	~~746.63~~ (12") E 745.51 ~~739.52~~ (12") W 739.63
5	ADS NYLOPLAST 18" DRAIN BASIN W/ 24" SUMP	~~746.40~~ 746.48	~~740.36~~ (6") W 742.73 ~~740.36~~ (6") N 742.73 BOTTOM 740.81
C1	6" CLEAN OUT	~~744.00~~ 744.31	~~740.96~~ (6") E 741.81 ~~740.96~~ (6") N 741.81 ~~740.96~~ (6") SW 741.81
C2	6" CLEAN OUT	~~745.33~~ 745.29	~~742.20~~ (6") W 742.71
C3	6" CLEAN OUT	~~745.04~~ 744.94	~~741.16~~ (6") E 742.44 ~~741.17~~ (6") S 742.44
C4	6" CLEAN OUT	~~745.00~~ 745.70	~~742.20~~ (6") W 743.29
C5	6" CLEAN OUT	~~746.92~~ 746.97	~~740.78~~ (6") W 743.09 ~~740.78~~ (6") E 743.09
C6	6" CLEAN OUT	~~746.90~~ 746.96	~~742.71~~ (6") E 743.10
EX 1	EX CULVERT	747.82	746.71 (12") W

BENCHMARK

	ELEVATION*	DESCRIPTION
BM #1191	736.30	BENCH NAIL SET SOUTH SIDE OF POWER POLE #JH-0009. NORTH SIDE OF PRINCETON ROAD, SOUTH OF WALDEN PONDS COMMUNITY CHURCH BUILDING.
BM #1270	749.19	BENCHNAIL SET NORTH SIDE OF POWER POLE #J12-0013 SOUTHWEST OF GILMORE ROAD AND PRINCETON ROAD INTERSECTION, NORTH OF POPEYE'S CHICKEN.
BM #1514	752.88	CHISELED BOX SOUTHWEST CORNER OF TRAFFIC SIGNAL LIGHT POLE BASE. LOCATED ON NORTHEAST CORNER OF PRINCETON ROAD AND GILMORE ROAD INTERSECTION.

* VERTICAL DATUM: NAVD88
NOTE: REFER TO ALTA SURVEY, SHEET C-003, FOR BENCHMARK LOCATIONS.

OHIO Utilities Protection SERVICE
811 or 1-800-362-2764 Call Before You Dig

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NO.	DATE	REVISION DESCRIPTION
1	07/26/2021	COUNTY REVIEW COMMENTS
2	05/25/2022	CANOPY REDUCTION REVISION
3	07/11/2022	CIVIL REVISIONS - RESUBMITTAL TO TOWNSHIP
4	09/28/2022	REVISED PER TANK UPDATES
5	10/14/2022	CIVIL REVISION UTILITY UPDATES
6	01/19/2023	CIVIL REVISION UTILITY UPDATES
7	03/14/2023	REVISING PARKING LOT GRADING AND EXPOSED CURB DETAIL

STATE OF OHIO
JEFFREY LONCHOR
E-85208
REGISTERED PROFESSIONAL ENGINEER

Casey's

CASEY'S
HAMILTON, OH
2894 PRINCETON RD
HAMILTON, OH 45011

UTILITY PLAN

ISSUE: AS-BUILTS
DATE: 04.14.2023
JOB NO.: 756995
DESIGN: N/A
DRAWN: CTT
CHECKED: STB
SHEET NO. C-301

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