ORD #1636-2021

CITY OF COLUMBUS

DIVISION OF SEWERAGE AND DRAINAGE

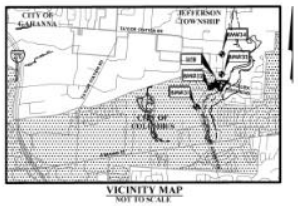
BLACKLICK CREEK SANITARY INTERCEPTOR SEWER

AIR QUALITY CONTROL FACILITY

CIP 650034-100008

2021

Ohio Utilities Protection Service
Call 811 before you dig



VICINITY MAP
NOT TO SCALE

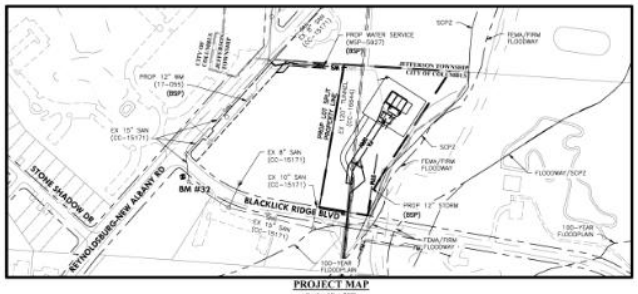
SURVEY CONTROL NOTES

HORIZONTAL CONTROL:
THE COORDINATES SHOWN ON THIS MAP ARE GRID AND ARE BASED ON THE OHIO STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 83 (1986). SAID COORDINATES ORIGINATED FROM A FIELD TRAVERSE WHICH WAS TIED (REFERENCED) TO SAID COORDINATE SYSTEM BY GPS OBSERVATIONS OF FRANKLIN COUNTY ENGINEERING DEPARTMENT MONUMENTS AI SRESET, FCGS6812, FCGS6845, AND FCGS4425.

VERTICAL CONTROL:
THE VERTICAL DATUM IS BASED ON THE ELEVATIONS ESTABLISHED BY THE FRANKLIN COUNTY ENGINEERING DEPARTMENT, AT MONUMENT AI SRESET, BEING 1025.211 FEET IN ELEVATION, AT MONUMENT AI 6RESET, BEING 1013.434 FEET IN ELEVATION, AT MONUMENT GRRESET, BEING 957.578 FEET IN ELEVATION, AT MONUMENT GARESET, BEING 968.714 FEET IN ELEVATION, AT MONUMENT GA3, BEING 890.834 FEET IN ELEVATION, AND AT MONUMENT GA8, BEING 936.065 FEET IN ELEVATION. THE SAID ELEVATIONS WERE TRANSFERRED FROM SAID FRANKLIN COUNTY ENGINEERING DEPARTMENT MONUMENTS USING DIFFERENTIAL LEVELING PROCEDURES TO THE SITE. THE SAID MONUMENTS BEING SOURCE BENCH MARKS WITH ELEVATIONS THAT ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988.

CONTROL POINT LEGEND

POINT NO.	NORTHING (GRID)	EASTING (GRID)	DESCRIPTION
29	724224.69	1879873.75	IRON PIN SET WITH CAP
30	725164.88	1880031.59	IRON PIN SET WITH CAP
31	726927.79	1881462.22	IRON PIN SET WITH CAP
48	727550.26	1881474.23	IRON ROD SET WITH CAP
217	725819.68	1880588.53	MAG NAIL SET
218	726660.67	1881324.34	IRON PIN SET WITH CAP



PROJECT MAP
Scale: 1" = 200'

GRAPHIC SCALE
1 inch = 200 feet

SUMMARY OF POST-CONSTRUCTION STORMWATER CONTROL FACILITIES

(BMPs REQUIRED) – SEE STORM SEWER PLAN (CC-15980) FOR DETAILS

CONTROL/ OUTLET STRUCTURE NO.	PLAN VIEW & DETAIL PAGE NOs FOR BMP	CONTROL FUNCTION	DRAINAGE AREA TO CONTROL FACILITY (ACRES)	FACILITY TYPE	GREEN INFRASTRUCTURE (SQUARE FEET)
1	N/A	Detention & Water Quality	1.13	Dry Basin	N/A

100 YEAR DETENTION TABLE

LOCATION	VOLUME REQUIRED CUBIC FEET	VOLUME PROVIDED CUBIC FEET	ELEVATION	PROVIDED ELEVATION	REMARKS
Dry Detention Basin 01	8,755.55	15,899.38	916.77	918.00	*

*See Storm Water Management Plan/Report for Details

BENCH MARK LEGEND

BENCH MARK	ELEVATION (NAVD88)	DESCRIPTION
BM #31	905.71	CHISELED "X" ON THE NORTH BOLT OF A FIRE HYDRANT ON THE FIRST FIRE HYDRANT WEST OF REYNOLDSBURG-NEW ALBANY ROAD ON THE SOUTH SIDE OF COMMERCE COURT DRIVE. NORTHING: 724584 EASTING: 1879778
BM #32	925.88	CHISELED "X" ON THE WEST BOLT OF A TRAFFIC SIGNAL SUPPORT POLE ON THE SOUTHEAST CORNER OF REYNOLDSBURG-NEW ALBANY ROAD AND BLACKLICK RIDGE BOULEVARD. NORTHING: 725801 EASTING: 1880841
BM #33	951.32	CHISELED SQUARE WITH AN "X" ON THE WEST RIM OF AN AMERITECH MANHOLE ON THE EAST SIDE OF REYNOLDSBURG-NEW ALBANY ROAD ACROSS THE STREET FROM RESIDENT 549 REYNOLDSBURG-NEW ALBANY ROAD. NORTHING: 726630 EASTING: 1881394
BM #34	857.84	CHISELED "X" ON THE EAST BOLT OF THE FIRST FIRE HYDRANT NORTH OF NORTH STREET ON THE WEST SIDE OF REYNOLDSBURG-NEW ALBANY ROAD. NORTHING: 727604 EASTING: 1881406

FEMA NOTE

ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S FLOOD INSURANCE RATE MAP (DATED JUNE 17, 2008), THE SUBJECT PARCEL SHOWN HEREON LIE WITHIN ZONE AE AND ZONE X, PANEL NO. 39049C0255K AND 39049C0535K.

NO FILL WILL BE ADDED IN THE 100-YEAR FLOODPLAIN.

SITE DATA TABLE

TOTAL DISTURBED AREA:	4.49 AC.
PRE-DEVELOPED IMPERVIOUS:	0.00 AC.
POST-DEVELOPED IMPERVIOUS:	0.66 AC.

PRELIMINARY SITE COMPLIANCE PLAN: 19601-00266
**STORM SEWER PLAN NO.: CC-15980
WATER SERVICE PLAN NO.: WSP-5927
WATER PLAN NO: 17-055

**SEE STORM SEWER PLAN (CC-15980) FOR SUMMARY OF POST CONSTRUCTION STORMWATER CONTROL FACILITIES.

PROCESS	STRUCTURAL	ELECTRICAL	INSTRUMENTATION
AECOM	AECOM	CDM Smith	CDM Smith
REGISTERED ENGINEER DATE	REGISTERED ENGINEER DATE	REGISTERED ENGINEER DATE	REGISTERED ENGINEER DATE

PM - 471

EASEMENT REFERENCE

CITY NO.	COUNTY RECORDER VOL.	COUNTY RECORDER PAGE	GRANTOR

REVISIONS

NO.	DESCRIPTION	APPROVAL/DATE

PLANS PREPARED BY: EMHT

FINAL
NOT TO BE USED FOR CONSTRUCTION
100% SUBMITTAL

PLAN SET DATE
July 31, 2020

REGISTERED ENGINEER DATE

APPROVALS:

SIGNATURES BELOW SIGNIFY ONLY CONCURRENCE WITH THE GENERAL PURPOSES AND GENERAL LOCATIONS OF THE PROJECT. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE ENGINEER PREPARING THE PLANS. APPROVAL FOR SANITARY SEWERS ONLY.

SEWER SYSTEM ENGINEERING MANAGER, DIVISION OF SEWERAGE & DRAINAGE — DATE
DIRECTOR, DEPARTMENT OF PUBLIC UTILITIES — DATE
ADMINISTRATOR, DIVISION OF POWER — DATE
CITY ENGINEER / ADMINISTRATOR, DIVISION OF DESIGN AND CONSTRUCTION — DATE
ADMINISTRATOR, DIVISION OF SEWERAGE & DRAINAGE — DATE
DIRECTOR, DEPARTMENT OF PUBLIC SERVICE — DATE
ADMINISTRATOR, DIVISION OF WATER — DATE

PROJECT TITLE:
BLACKLICK CREEK SANITARY INTERCEPTOR SEWER
AIR QUALITY CONTROL FACILITY

TITLE SHEET

DIVISION USE ONLY | OWNER | CONTRACTOR | INSPECTOR | AGREEMENT | COMPLETED | RTE | CSD | CD | CON.DR. | INDEX DETAIL | RECORD TILE

CITY OF COLUMBUS, OHIO
DEPARTMENT OF PUBLIC UTILITIES
DIVISION OF SEWERAGE AND DRAINAGE
DIVISION USE ONLY

SCALE: As Noted
SHEET: G-1
CONTRACT DRAWING NO.: CC-17845
RECORD PLAN NO.: