

GENERAL NOTES

1. City of Columbus and Ohio Department of Transportation Construction and Material Specifications, current editions, and any supplements thereto (hereafter referred to as Standard Specifications), shall govern all construction items unless otherwise noted. If a conflict between specifications is found, the more strict specification will apply as decided by the City Engineer. Item Numbers listed refer to City of Columbus Item Numbers unless otherwise noted.

2. The City Engineer will not be responsible for means, methods, procedures, techniques, or sequences of construction that are not specified herein. The City Engineer will not be responsible for safety on the work site, or for failure by the Contractor to perform work according to contract documents.

3. The Developer or Contractor shall be responsible to obtain all necessary permits including but not limited to Ohio EPA Permits to Install (PTI) and Notices of Intent (NOI), Building Permits, etc.

4. The Contractor shall notify the City of Dublin Division of Engineering in writing at least 3 working days prior to beginning construction.

5. The Contractor shall be solely responsible for complying with all federal, state and local safety requirements including the Occupational Safety and Health Act of 1970. The Contractor shall exercise precaution always for the protection of persons (including employees) and property. It shall also be the sole responsibility of the Contractor to initiate, maintain and supervise all safety requirements, precautions and programs in connection with the work, including the requirements for confined spaces per 29 CFR 1910.146.

6. Following completion of construction of the site improvements and before requesting occupancy, a proof survey shall be provided to the Division of Engineering that documents "as-built" elevations, dimensions, slopes and alignments of all elements of this project. The proof survey shall be prepared, signed and submitted by the Professional Engineer who sealed the constructions drawings.

7. The Contractor shall restrict construction activity to public right-of-way and areas defined as permanent and/or temporary construction easements, unless otherwise authorized by the City Engineer.

8. The Contractor shall carefully preserve benchmarks, property corners, reference points, stakes and other survey reference monuments or markers. In cases of willful or careless destruction, the Contractor shall be responsible for restorations. Resetting of markers shall be performed by an Ohio Professional Surveyor as approved by the City Engineer.

9. Non-rubber tired vehicles shall not be moved on or across public streets or highways without the written permission of the City Engineer.

10. The Contractor shall restore all disturbed areas to equal or better condition than existed before construction. Drainage ditches or watercourses that are disturbed by construction shall be restored to the grades and cross-sections that existed before construction.

11. Tracking or spilling mud, dirt or debris upon streets, residential or commercial drives, sidewalks or bike paths is prohibited according to Section 97.38 of the Dublin Code of Ordinances. Any such occurrence shall be cleaned up immediately by the Contractor at no cost to the City. If the Contractor fails to remove said mud, dirt, debris, or spillage, the City reserves the right to remove these materials and clean affected areas, the cost of which shall be the responsibility of the Contractor.

12. Disposal of excess excavation within Special Flood Hazard Areas (100-year floodplain) is not permitted.

13. All signs, landscaping, structures or other appurtenances within right-of-way disturbed or damaged during construction shall be replaced or repaired to the satisfaction of the City Engineer. The cost of this work shall be the responsibility of the Contractor.

14. All field tile broken or encountered during excavation shall be replaced or repaired and connected to the public storm sewer system as directed by the City Engineer. The cost of this work shall be the responsibility of the Contractor.

15. All precast concrete products shall be inspected at the location of manufacture. Approved precast concrete products will be stamped or have such identification noting that inspection has been conducted by the City of Columbus. Precast concrete products without proof of inspection shall not be approved for installation.

16. Backfill within a 1:1 influence line of existing structures (houses, garages, etc.) or public infrastructure (pavement, curbs, sidewalks, bike paths, etc.) shall be compacted granular backfill according to Item 912 of the Standard Specifications or Flowable CDF, Type III according to Item 636. Item 911 of the Standard Specifications shall be used elsewhere.

17. The Contractor shall submit a copy of the approved construction drawings and a list of proposed precast concrete product manufacturers to the City of Columbus Construction Inspection Division before commencing construction.

Send the information to the following address:

Construction Inspection Division
City of Columbus
1800 East 17th Avenue
Columbus, Ohio 43219

Send a copy of the transmittal letter to the following address:

Division of Engineering
City of Dublin
6555 Shier Rings Road
Dublin, Ohio 43016

18. All trenches within public right-of-way shall be backfilled according to the approved construction drawings or securely plated during nonworking hours. Trenches outside these areas shall be backfilled or shall be protected by approved temporary fencing or barricades during nonworking hours. Clean up shall follow closely behind the trenching operation.

19. All trees within the construction area not specifically designated for removal shall be preserved, whether shown or not shown on the approved Construction drawings. Trees to be preserved shall be protected with high visibility fencing placed a minimum 15 feet from the tree trunk. Trees 6 inches or greater at DBH (Diameter Breast Height) must be protected with fencing placed at the critical root zone or 15 feet, whichever is greater. Trees not indicated on the approved construction drawings for removal may not be removed without prior approval of the Division of Engineering.

20. Tree trimming within the construction zone is to be completed by a certified Arborist. At the completion of the project, the Arborist is to return and trim any broken branches as needed.

21. Any modification to the work shown on drawings must have prior written approval by the City Engineer, City of Dublin.

22. All inlets shall be channelized.

23. Park areas shall be fine-graded and seeded with the following mixture:
- Improved Kentucky Bluegrass: 40% of weight (2 varieties in equal parts) Improved Perennial Rye: 60% of weight (2 varieties in equal parts) Germination Rate: 85% Application Rate: 7 lbs per 1000 sq ft or as directed by the Division of Parks and Recreation, City of Dublin, Ohio.
24. Traffic control and other regulatory signs shall be Type S with a square post anchor base installation and meet all requirements of ODOT TC-41.20 and applicable City of Dublin specifications.
25. Street signs shall meet all City of Dublin specifications with lettering colored in white displayed over a brown background. Sign tubing shall be brown in color and conform with the Type S, square post anchor base installation requirements of ODOT TC-41.20.
- UTILITIES
1. The following utilities are known to be located within the limits of this project:
- GAS
COLUMBIA GAS OF OHIO, INC.
1600 DUBLIN ROAD
COLUMBUS, OHIO 43215
(614) 481-1000
- ELECTRIC
AMERICAN ELECTRIC POWER
850 TECH CENTER DRIVE
GAHANNA, OHIO 43230
(614) 883-6817
- COMMUNICATION
TIME WARNER CABLE
1266 DUBLIN ROAD
COLUMBUS, OHIO 43215
(614) 481-5000
- FRONTIER COMMUNICATIONS
(800) 982-8772
- AT&T
111 N. 4TH STREET
COLUMBUS, OHIO 43215
(614) 223-5780
- DUBLINK
CITY OF DUBLIN
6555 SHIER-RINGS ROAD
DUBLIN, OHIO 43016
(614) 410-4750
- SANITARY, STORM, WATER
CITY OF DUBLIN
6555 SHIER-RINGS ROAD
DUBLIN, OHIO 43016
(614) 410-4750
(614) 410-4600
- CITY OF COLUMBUS
DIVISION OF POWER AND WATER
3368 INDIANOLA AVENUE
COLUMBUS, OHIO 43214
(614) 645-7360
- CITY OF COLUMBUS
DIVISION OF SEWERS AND DRAINS
1250 FAIRWOOD AVENUE
COLUMBUS, OHIO 43206
(614) 645-7102
- FRANKLIN COUNTY
ENGINEERS OFFICE
970 DUBLIN ROAD
COLUMBUS, OHIO 43215
(614) 525-3030
2. The Contractor shall give notice of intent to construct to Ohio Utilities Protection Service (telephone number 800-362-2764), Producer's Underground Protection Service (telephone number 614-587-0486), and to owners of underground utilities that are not members of a registered underground protection service. Notice shall be given at least 2 working days before start of construction.
3. The identity and locations of existing underground utilities in the construction area have been shown on the approved construction drawings as accurately as provided by the owner of the underground utility. The City of Dublin and the City Engineer assumes no responsibility for the accuracy or depths of underground facilities shown on the approved construction drawings. If damage is caused, the Contractor shall be responsible for repair of the same and for any resulting contingent damage.
4. Location, support, protection and restoration of all existing utilities and appurtenances, whether shown or not shown on the approved construction drawings, shall be the responsibility of the Contractor.
5. When unknown or incorrectly located underground utilities are encountered during construction, the Contractor shall immediately notify the owner and the City Engineer.
6. Public street lighting may be in the vicinity of this project. Contact the City of Dublin, Division of Engineering at 410-4637, two days prior to beginning work.
- TRAFFIC CONTROL
1. Traffic control shall be furnished, erected, maintained, and removed by the Contractor according to Ohio Manual of Uniform Traffic Control Devices (OMUTCD), current edition.
2. All traffic lanes of public roadways shall be fully open to traffic from 7:00 AM to 9:00 AM and from 4:00 PM to 6:00 PM unless authorized differently by the City Engineer. At all other hours the Contractor shall maintain minimum one-lane two-way traffic. Uniformed, off-duty police officers shall replace flagmen designated by the OMUTCD, and shall be present whenever one-lane, two-way traffic control is in effect. Police cruisers may be required as directed by the City Engineer.
3. If the City Engineer determines that the Contractor is not providing proper provisions for traffic control, the City Engineer shall assign uniformed, off-duty police officers to the project at no cost to the City.
4. Steady-burning, Type "C" lights shall be required on all barricades, drums, and similar traffic control devices in use at night.
5. Access from public roadways to all adjoining properties for existing residents or businesses shall be maintained throughout

the duration of the project for mail, public water and sanitary sewer service, and emergency vehicles. The Contractor shall provide a traffic control plan detailing the proposed maintenance of traffic procedures. The traffic control plan must incorporate any traffic control details contained herein. The traffic control plan proposed by the Contractor must be approved by the City Engineer prior to construction.

EROSION AND SEDIMENT CONTROL

1. The Contractor or Developer is responsible for submitting a Notice of Intent (NOI) to be reviewed and approved by the Ohio EPA. The NOI must be submitted to OEPA 45 days prior to the start of construction and may entitle coverage under the Ohio EPA General Permit for stormwater Discharges associated with construction activity. A project location map must be submitted with the NOI. A sediment and erosion control plan must be submitted to the City Engineer for approval if a sediment and erosion control plan has not already been included with the approved construction drawings. This plan must be made available at the project site at all times. The design of erosion control systems shall follow the requirements of Ohio EPA, Item 207 of Ohio Department of Transportation Standard Specifications, and the City Engineer. An individual NPDES Stormwater Discharge Permit may be required. The Contractor shall be considered the permittee.
2. The Contractor shall provide sediment control at all points where storm water runoff leaves the project, including waterways, overland sheet flow, and storm sewers.
3. Accepted methods of providing erosion/sediment control include but are not limited to: sediment basins, silt filter fence, aggregate check dams, and temporary ground cover. Hay or straw bales are not permitted.
4. The Contractor shall provide adequate drainage of the work area at all times consistent with erosion control practices.
5. Disturbed areas that will remain unworked for 30 days or more shall be seeded or protected within seven calendar days of the disturbance. Other sediment controls that are installed shall be maintained until vegetative growth has been established. The Contractor shall be responsible for the removal of all temporary sediment devices at the conclusion of construction but not before growth of permanent ground cover.

LASTING (If Permitted)

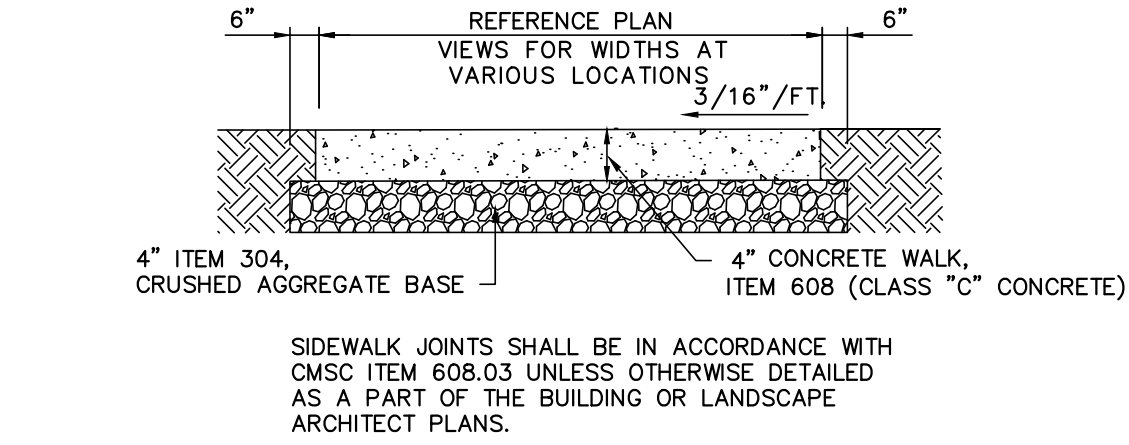
1. The Contractor must obtain a blasting permit from Washington Township Fire Department prior to blasting for rock excavation. The Contractor shall submit blasting reports upon completion of blasting to the City Engineer, the Owner, and the Owner's engineer. Top of rock elevations shall be shown on "as-built" construction drawings.

MAIL DELIVERY

1. The Contractor shall be responsible to ensure that US Mail delivery within the project limits is not disrupted by construction operations. This responsibility is limited to relocation of mailboxes to a temporary location that will allow the completion of the work and shall also include the restoration of mailboxes to their original location or approved new location. Any relocation of mailbox services must be first coordinated with the US Postal Service and the homeowner.
2. Before relocating any mailboxes, the Contractor shall contact the U.S. Postal Service and relocate mailboxes according to the requirements of the Postal Service.

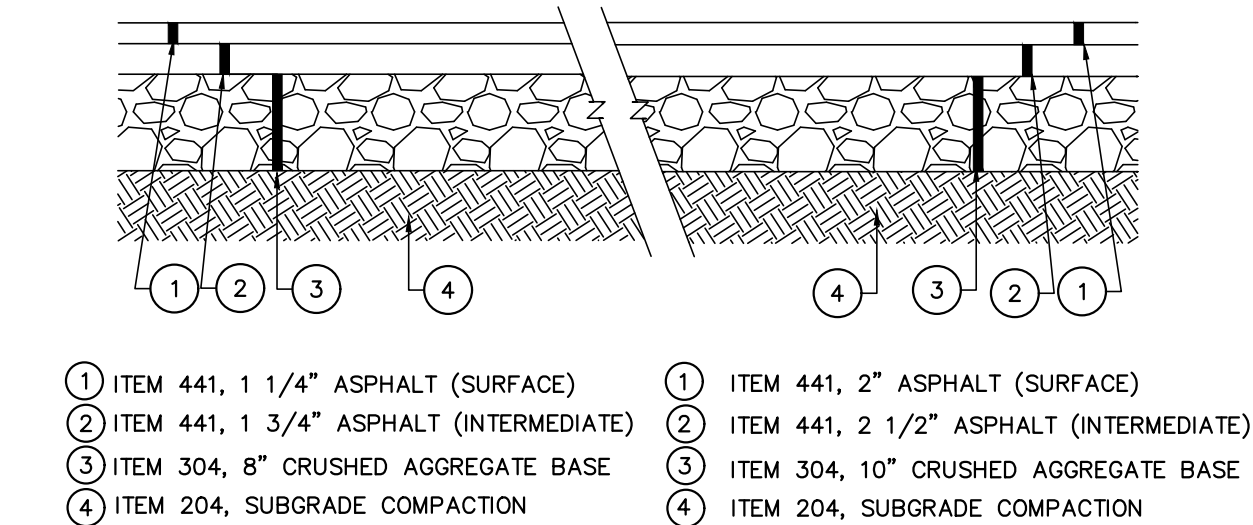
USE OF FIRE HYDRANTS

1. The Contractor shall make proper arrangements with the Dublin Service Department and the Columbus Division of Water for the use of fire hydrants when used for work performed under this contract and provide the city of Dublin a copy of the Hydrant Usage Permit obtained from the City of Columbus. The Contractor shall also send a copies of permits obtained from Dublin and Columbus to the Washington and/or Perry Township Fire Department. Permits shall be kept at the construction site at all times.
2. Before the final estimate is paid, the Contractor shall submit a letter from the City of Columbus Division of Water to the City Engineer stating that the Contractor has returned the Siamese Valve to the City of Columbus and has paid all costs arising from the use of the fire hydrants.



STANDARD SIDEWALK SECTION

(NO SCALE)



NOTES: ALL PAVEMENT MATERIALS SHALL CONFORM TO THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS. PAVEMENT COMPOSITIONS SHOWN HEREON ARE BASED ON PAVEMENT DESIGN PROVIDED FOR PREVIOUS PHASE. NO ADDITIONAL GEOTECHNICAL EVALUATION OR PAVEMENT RECOMMENDATIONS WERE PROVIDED FOR THIS PHASE. ADVANCED CIVIL DESIGN ASSUMES NO RESPONSIBILITY FOR THE DESIGN OR ADEQUACY OF THE PAVEMENT SECTIONS SHOWN HEREON. .

TYPICAL PAVEMENT SECTIONS

(NO SCALE)



CONFIDENTIAL

PROJECT ADDRESS

6645 CROSBY COURT
DUBLIN, OH 43064

PROJECT DELIVERY PACKAGE

100% DRAWING ISSUE

SEAL/SIGNATURE

THE LICENSED PROFESSIONAL SEAL AFFIXED TO THIS SHEET APPLIES ONLY TO THE MATERIAL AND ITEMS SHOWN ON THIS SHEET. ALL DRAWINGS, INSTRUMENTS OR OTHER DOCUMENTS NOT EXHIBITING THIS SEAL SHALL NOT BE CONSIDERED PREPARED BY THIS PROFESSIONAL, AND THIS PROFESSIONAL EXPRESSLY DISCLAIMS ANY AND ALL RESPONSIBILITY FOR SUCH PLAN, DRAWINGS OR DOCUMENTS NOT EXHIBITING THIS SEAL.

ISSUE DATE: 08/12/2022 PROJECT NO: 22-0001-1276

DESIGNED: JLB ARCHITECT / ENGINEER: JDW

MARK	DATE	DESCRIPTION
1	30MAR2022	60% REVIEW
2	08APR2022	90% REVIEW
3	22APR2022	100% DRAWING ISSUE
4	12AUG2022	FRIGING

<u>MECHANICAL ENGINEER</u> N/A	<u>ELECTRICAL ENGINEER</u> JEFF HOUSEL 206-266-3435 6645 CROSBY COURT DUBLIN, OH 43064
<u>CIVIL ENGINEER</u> ADVANCED CIVIL DESIGN, INC. JAMES WHITTAKER 614-428-7750 781 SCIENCE BLVD, SUITE 100 GAHANNA, OH, 43230	<u>STRUCTURAL ENGINEER</u> SHIRK & O'DONOVAN CONSULTING ENGINEERS, INC. 614-436-5465 370 E. WILSON BRIDGE RD. WORTHINGTON, OH 43085 NO SCALE
<u>ARCHITECT</u> N/A	<u>OTHER ENGINEER</u> EXANTE 360, INC. SECURITY CONSULTANT 214-846-7885 895 DOVE STREET, 2ND FLOOR NEWPORT BEACH, CA 92660

PROJECT: DUBLIN ASTRA

TITLE: GENERAL NOTES

DRAWING:

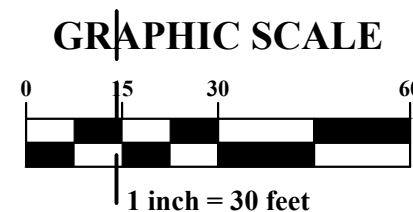
C02

SCALE: N/A	AGILE No:	REV:
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1. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
2. ALL DISTURBED AREAS ARE TO RECEIVE FOUR INCHES OF TOPSOIL, SEED, MUCH AND WATER UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED.
3. ALL DIMENSIONS AND RADII ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
4. CURB RADII NOT LABELED ARE 4.5' OR ONE-HALF THE WIDTH OF CURB ISLAND.
5. EXISTING STRUCTURES WITHIN CONSTRUCTION LIMITS ARE TO BE ABANDONED, REMOVED OR RELOCATED AS NECESSARY. ALL COST SHALL BE INCLUDED IN BASE BID.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS & POLES, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL COST SHALL BE INCLUDED IN BASE BID.
7. ALL PRIVATE PAVEMENT MARKINGS SHALL BE WHITE UNLESS OTHERWISE NOTED.
8. ANY EXISTING IMPROVEMENTS DAMAGED OR DESTROYED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE CITY OF DUBLIN'S AND/OR PRIVATE OWNER'S SATISFACTION.
9. THE SITE DOES NOT LIE WITHIN A FEMA FLOOD HAZARD ZONE PER MAP 39049C0127K, DATED JUNE 17, 2008.
10. LOWER SIDEWALK ON EACH SIDE OF ADA RAMP TO ENSURE RAMP SLOPE DOES NOT EXCEED 12:1.
11. ALL DRIVES BETWEEN 20'-26' IN WIDTH SHALL BE POSTED WITH NO PARKING--FIRE LANE" SIGNS. PORTIONS OF DRIVE ISLES SHALL BE PAINTED YELLOW FOR FURTHER INDICATION. THE CONTRACTOR IS TO COORDINATE WITH WASHINGTON TOWNSHIP FIRE DEPARTMENT FOR SIGNAGE LOCATION AND SPACING, AS WELL AS PAVEMENT MARKINGS. SIGNAGE SHALL CONFORM TO FIRE DEPARTMENT CODE 37-80.

ZONING DISTRICT = INNOVATION DISTRICT, ID-3
PROPOSED USE = DATA CENTER, OFFICE
PROPOSED BUILDING TYPE = DATA CENTER, OFFICE
LOT# = 3 - 68.747 ACRES
OWNER = CITY OF DUBLIN
TAX DISTRICT = CITY OF DUBLIN-WASH TWP
PARCEL NUMBER = 275-0000001



1 inch = 30 feet

