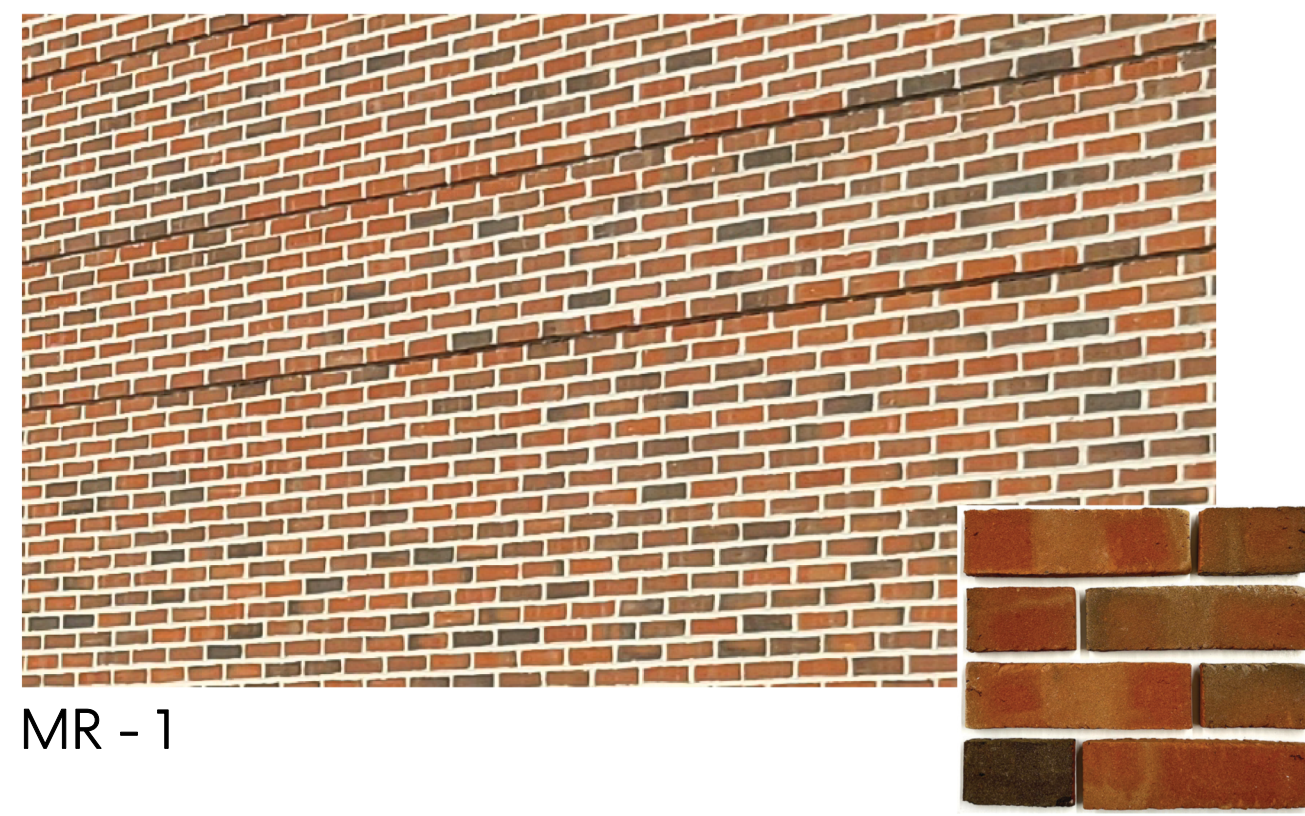


View Reference

View From Emerald Parkway North of Summer Drive

A4.02

NOTE:  
ALL PROPOSED EXTERIOR MATERIALS  
FOR OHIO HEALTH REHABILITATION  
HOSPITAL EXPANSION ARE TO  
MATCH THE EXISTING BUILDING



MR - 1



MP - 1



SF - 1



MR - 2



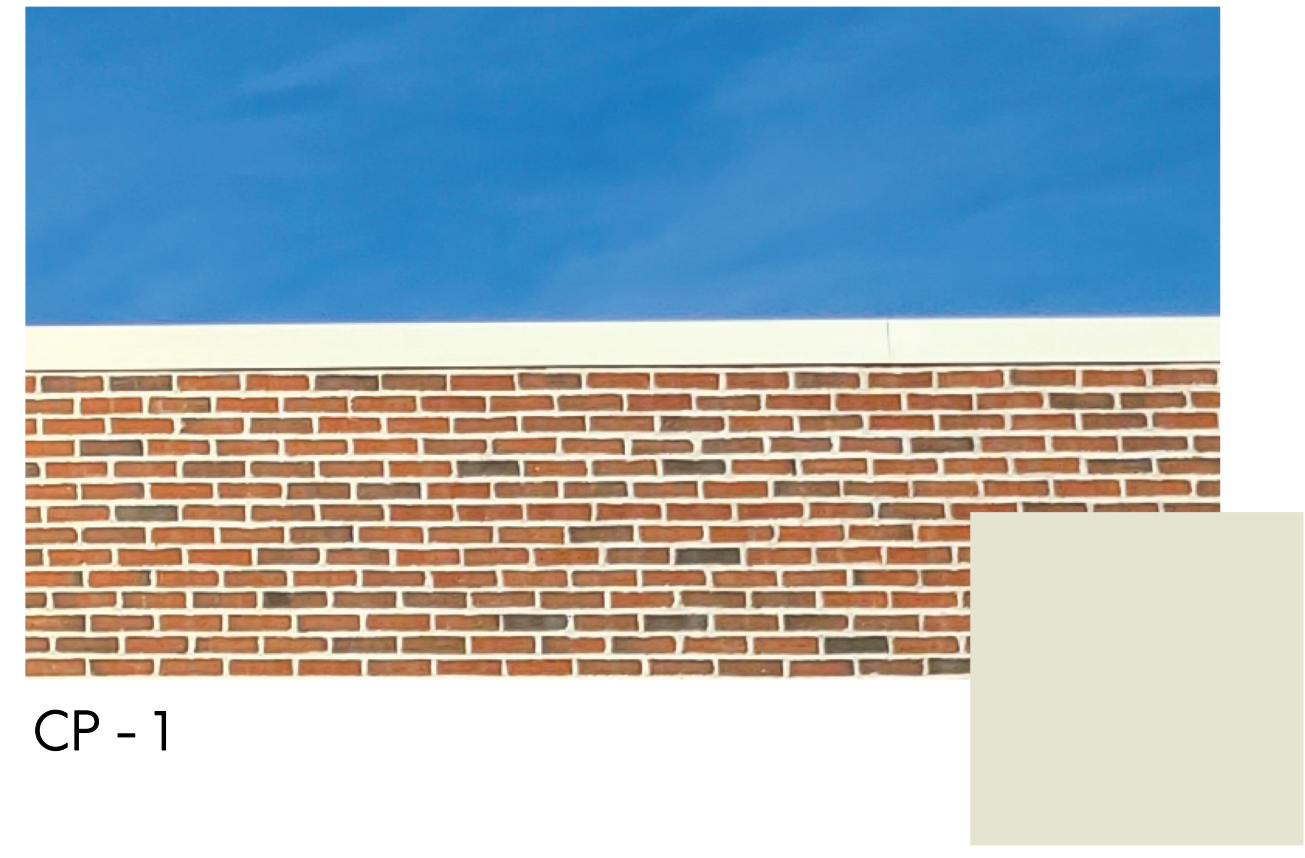
ACM - 1



GL - 1



CS - 1



CP - 1



SS - 2

MR - 1  
DESCRIPTION : BRICK  
MANUFACTURER: GLEN GERY  
STYLE: MODULAR  
FINISH: OLDE DETROIT

CS-1  
DESCRIPTION : CAST STONE SILL  
MANUFACTURER: READINGROCK  
STYLE: ROCKCAST  
FINISH: SMOOTH, RIESLING

ACM-1  
DESCRIPTION : ALUMINUM COMPOSITE  
MANUFACTURER: ALUCOBOND  
STYLE: 4MM RAIN SCREEN  
FINISH: COLONIAL WHITE

SF-1  
DESCRIPTION : STOREFRONT  
MANUFACTURER: KAWNEER  
STYLE: TRIFAB 451T | 2" SIGHTLINE, 4 1/2" DEEP  
FINISH: COLONIAL WHITE, ARCHITECTURAL CLASS 1

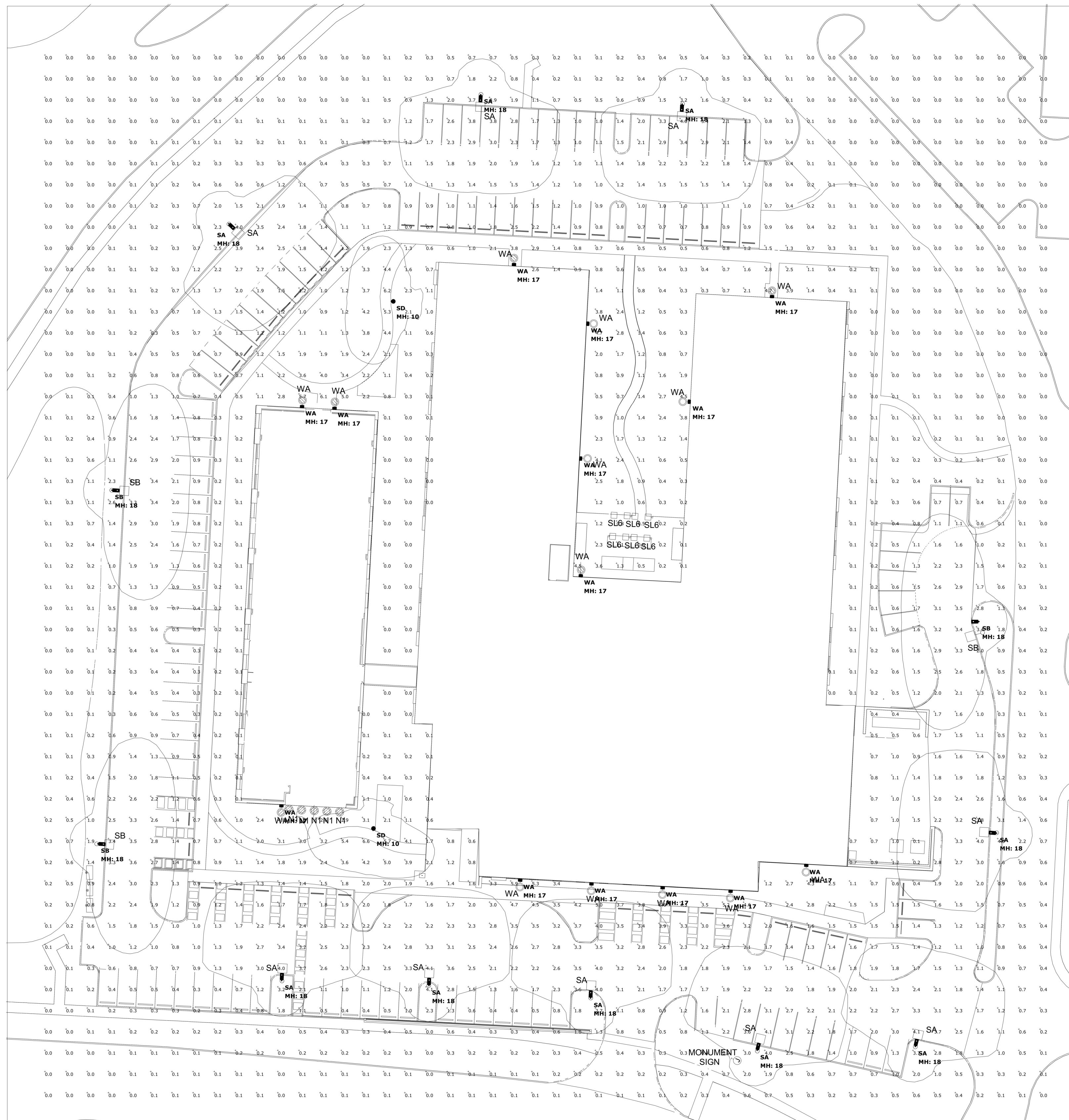
SS-2  
DESCRIPTION : SOLID CANOPY  
MANUFACTURER: AVADECK  
STYLE: THIN PROFILE  
FINISH: COLONIAL WHITE

MR - 2  
DESCRIPTION : HADRIAN STONE VENEER  
MANUFACTURER: TEXASTONE QUARRIES  
STYLE: HADRIAN STONE  
FINISH: BEIGE, HONED FINISH

MP-1  
DESCRIPTION : EXTERIOR SCREEN WALL  
MANUFACTURER: BERRIDGE  
STYLE: M PANEL  
FINISH: COLONIAL WHITE

CP-1  
DESCRIPTION : COPING AT BRICK PARAPET  
MANUFACTURER: FIRESTONE, METAL PRODUCTS  
STYLE: UNA CLAD  
FINISH: COLONIAL WHITE

GL-1  
DESCRIPTION : CLEAR GLAZING  
MANUFACTURER: OLD CASTLE BUILDING ENVELOPE  
STYLE: LOW E  
FINISH: 1/4" SN68 CRYSTAL GRAY



Luminaire Schedule			Total Lumen Output	Total Input Watts	Ballast Factor	Light Lost Factor	User Defined Factor
SA	9	LIGHT FIXTURE TO MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING
SB	3	LIGHT FIXTURE TO MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING
SD	2	LIGHT FIXTURE TO MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING
WA	14	LIGHT FIXTURE TO MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING

Calculation Summary						
Calculation Grid Location	Calc. Height (Ft.)	Units	Avg	Max	Min	Avg/Min
SITE	0	Fc	0.98	6.6	0.0	N.A.
PARKING & DRIVE LANE		Fc	1.73	4.7	0.2	8.65

1 SITE PLAN - PHOTOMETRICS  
1" = 30'-0"

A6.01

**OWNER/DEVELOPER**

SELECT MEDICAL CORPORATION  
4714 GETTYSBURG RD  
MECHANICSBURG, PA 17055  
CONTACT: NICK BELFER  
PH: (888) 735-6332  
EMAIL: nbelfer@selectmedical.com

**CIVIL ENGINEER**

E.P. FERRIS & ASSOCIATES, INC.  
2130 QUARRY TRAILS DR, 2ND FLOOR  
COLUMBUS, OH 43228  
CONTACT: JAMES PELTIER, PE  
PH: 614-299-2999  
FAX: 614-299-2992  
EMAIL: jpeltier@epferris.com

# AMENDED FINAL DEVELOPMENT PLAN

# DUBLIN REHABILITATION HOSPITAL EXPANSION

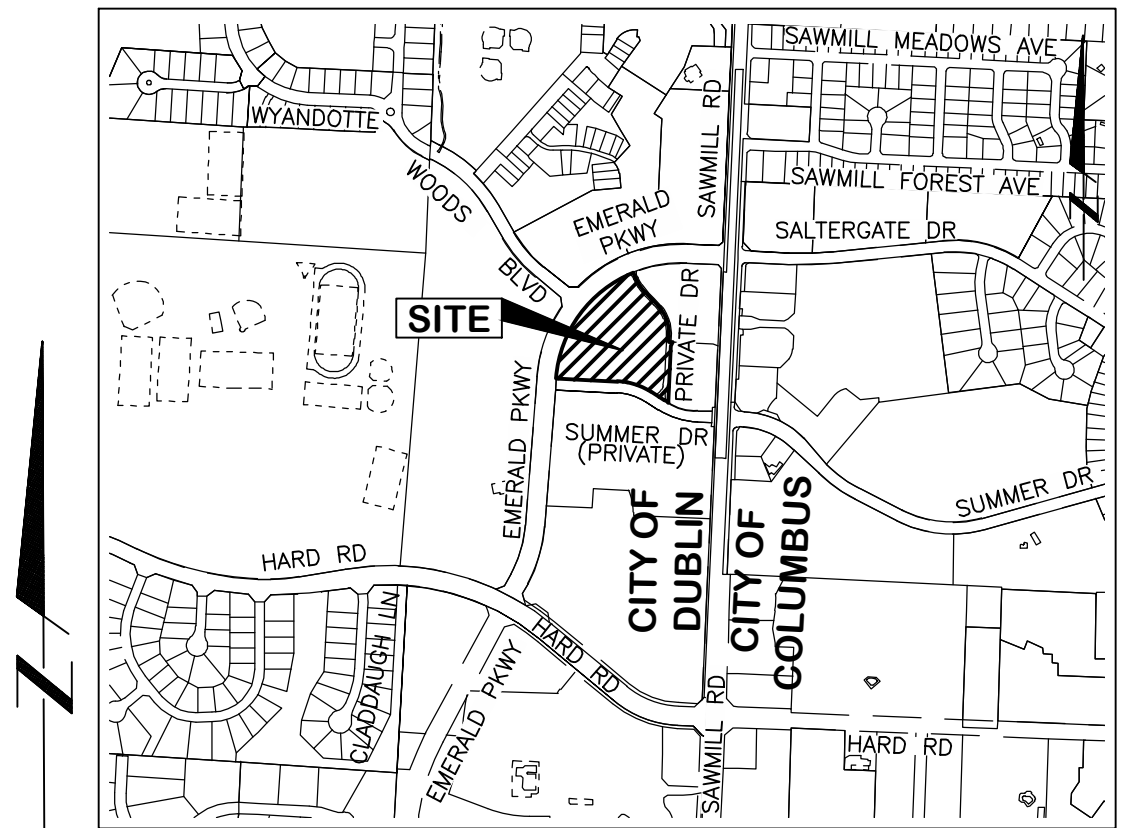
## 3805 EMERALD PARKWAY

## CITY OF DUBLIN, FRANKLIN COUNTY, OHIO

## 2023

**ARCHITECT**

PERKINS & WILL  
410 MICHIGAN AVE  
CHICAGO, IL 60611  
CONTACT: BOBBY HAMMOND  
PH:  
EMAIL: bobby.hammond@perkinswill.com



**LOCATION MAP**  
SCALE: 1" = 1000'

**BENCHMARKS**

ID.	ELEVATION	DESCRIPTION
BM#1	908.88	CHISELED SQUARE ON SOUTHWEST CORNER OF CONCRETE TRANSFORMER PAD, 50' NORTH OF THE CENTERLINE OF THE SOUTHERN DRIVE ENTRY TO 7705 SAWMILL ROAD.
BM#2	910.98	ROADSIDE TOP FLANGE BOLT OF FIRE HYDRANT 90 FT NORTHEAST OF THE WYANDOTTE WOODS INTERSECTION, ON THE SOUTHEAST SIDE OF EMERALD PARKWAY.
BM#3	902.77	ROADSIDE TOP FLANGE BOLT ON FIRE HYDRANT 185' NORTH OF SUMMER DRIVE, ON THE EAST SIDE OF SAWMILL ROAD.
BM#4	903.31	ARROW BOLT TOP FLANGE ON FIRE HYDRANT 255' EAST OF THE EMERALD PARKWAY SAWMILL INTERSECTION, ON THE SOUTH SIDE OF SUMMER DRIVE ACROSS FROM THE KROGER PHARMACY.

NOTE: ALL BENCHMARKS AND ELEVATIONS SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM (NAVD88) UNLESS OTHERWISE NOTED.

**HORIZONTAL CONTROLS**

ID.	NORTHING	EASTING	DESCRIPTION
HC#1	773879.970	1803150.955	A 5/8" IRON PIN SET WITH RED CAP INSCRIBED "E.P. FERRIS TRAVERSE", IN THE LANDSCAPE AREA BETWEEN THE NORTH DRIVE ENTRY TO 7675 SAWMILL ROAD AND THE UNNAMED ROAD THAT CONNECTS THE PRIVATE DRIVE TO SAWMILL ROAD, BEHIND THE CURB LINE, 21' NORTHWEST OF THE DO NOT ENTER SIGN.
HC#2	774199.365	1802671.726	AN IRON PIN SET 77' NORTHEAST OF THE WYANDOTTE WOODS BLVD CENTERLINE AND 57' NORTHWEST OF THE EMERALD PARKWAY CENTERLINE.
HC#3	774400.939	1803179.859	A MAG NAIL SET IN THE ASPHALT WALK APPROXIMATELY 8.6' NORTH OF THE BACK OF CURB OF EMERALD PARKWAY, AND APPROXIMATELY 195' EAST OF THE BACK OF CURB OF CARBERRY DRIVE.

NOTE: \* HORIZONTAL REFERENCE DATUM = NAD83 (2011) (OHIO SOUTH ZONE)

**BASIS OF BEARING:**

STATE PLAN COORDINATE SYSTEM (NAD 83, OHIO SOUTH ZONE, ADJUSTED 1986), BEING N 02° 34' 54" E, BETWEEN "FCGS 7772" AND "FCGS 7769" AS PUBLISHED BY THE FRANKLIN COUNTY ENGINEER.

**SHEET INDEX**

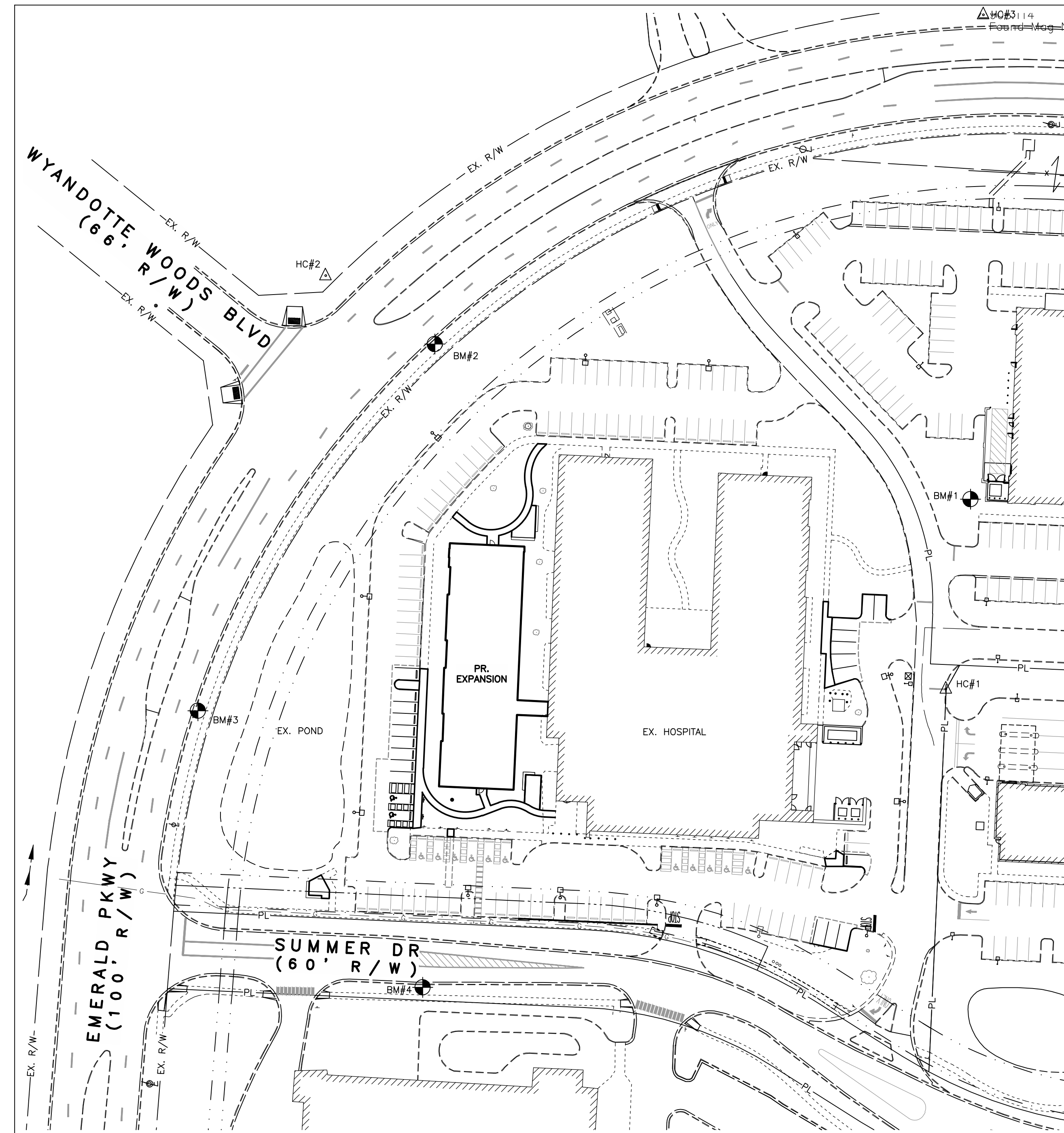
TITLE SHEET	1
GENERAL NOTES	2
EXISTING CONDITIONS & DEMOLITION PLAN	3
STORMWATER POLLUTION PREVENTION PLAN	4-5
SITE STAKING PLAN	6
UTILITY PLAN	7
GRADING PLAN	8
GRADING DETAILS	9
MISCELLANEOUS DETAILS	10

**STANDARD CONSTRUCTION DRAWINGS**

CITY OF DUBLIN (2020 EDITION)		CITY OF COLUMBUS		WATER	ODOT
RD-05	SA-03	AA-S149	DDSD		
RD-11	SA-03	AA-S150			
		AA-S161			

**REVISIONS**

NO.	DATE	DESCRIPTION	APPROVAL



**INDEX MAP**  
SCALE: 1" = 100'  
0 100 200  
SCALE IN FEET

**SITE DATA TABLE**

DESCRIPTION	QUANTITY	UNIT
TOTAL SITE AREA (PRIVATE)	5,759	AC.
EXISTING BUILDING AREA	46,400	S.F.
PROPOSED BUILDING AREA	10,600	S.F.
TOTAL BUILDING AREA	57,000	S.F.
PAVEMENT AREA	74,562	S.F.
DISTURBED AREA (ONSITE)	0.770	AC.
DISTURBED AREA (OFFSITE - PRIVATE)	0.000	AC.
TOTAL DISTURBED AREA	0.765	AC.
EXISTING IMPERVIOUS AREA	3,135	AC.
EXISTING PERVIOUS AREA	2,624	AC.
EXISTING LOT COVERAGE	54.5	%
PROPOSED IMPERVIOUS AREA	3,492	AC.
PROPOSED PERVIOUS AREA	2,267	AC.
PROPOSED LOT COVERAGE	60.6	%

**PARKING DATA TABLE**

DESCRIPTION	QUANTITY	UNIT
REQUIRED PARKING	114	2 SPACES/ 1,000 S.F.
EXISTING PARKING SPACES (INCLUDING ADA SPACES)	103	SPACES
PROPOSED PARKING SPACES (INCLUDING ADA SPACES)	22	SPACES
TOTAL PARKING SPACES (INCLUDING ADA SPACES)	125	SPACES
EXISTING ADA SPACES (VAN/TOTAL)	2/11	SPACES
PROPOSED ADA SPACES (VAN/TOTAL)	1/2	SPACES
TOTAL ADA SPACES (VAN/TOTAL)	3/13	SPACES
REQUIRED BICYCLE PARKING	12	1 SPACE/10 REQUIRED PARKING SPACES
PROPOSED BICYCLE PARKING	12	SPACES

**JURISDICTIONAL APPROVALS:**

SIGNATURES BELOW SIGNIFY ONLY CONCURRENCE WITH THE GENERAL PURPOSE AND GENERAL LOCATION OF THE PROJECT AND DOES NOT CONSTITUTE ASSURANCE TO OPERATE AS INTENDED. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE PROFESSIONAL CIVIL ENGINEER PREPARING THE PLANS.

**APPROVED:**

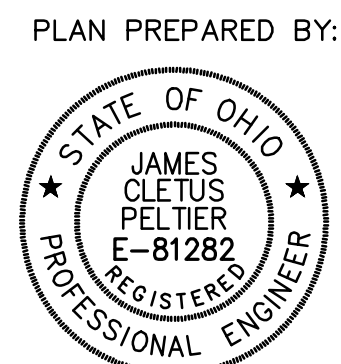
CITY ENGINEER, CITY OF DUBLIN, OHIO \_\_\_\_\_ DATE \_\_\_\_\_  
PAUL A. HAMMERSMITH, P.E.

JENNIFER M. RAUCH, AICP \_\_\_\_\_ DATE \_\_\_\_\_  
DIRECTOR OF PLANNING  
CITY OF DUBLIN, OHIO

**E. P. FERRIS**  
AND  
**ASSOCIATES**  
INC

Consulting Civil Engineers and Surveyors

2130 QUARRY TRAILS DR,  
2ND FLOOR  
COLUMBUS, OHIO 43228  
(614) 299-2999  
(614) 299-2992 (Fax)  
www.EPFERRIS.com



**PRELIMINARY**  
**NOT FOR CONSTRUCTION**

PLAN PREPARED BY: \_\_\_\_\_  
BY \_\_\_\_\_ REGISTERED ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_  
XX/XX/XXXX

**CITY OF DUBLIN STANDARD NOTES**

**GENERAL NOTES**

- 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.
- 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.
- 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.
- THE CONTRACTOR SHALL NOTIFY THE CITY OF DUBLIN DIVISION OF ENGINEERING IN WRITING AT LEAST 3 WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION.
- 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.
- 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.
- 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.
- 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. RESETTLE OF MARKERS SHALL BE PERFORMED BY AN OHIO PROFESSIONAL SURVEYOR AS APPROVED BY THE CITY ENGINEER.
- NON-RUBBER Tired VEHICLES SHALL NOT BE MOVED ON OR ACROSS PUBLIC STREETS OR HIGHWAYS WITHOUT THE WRITTEN PERMISSION OF THE CITY ENGINEER.
- 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.
- 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.
- DISPOSAL OF EXCESS EXCAVATION WITHIN SPECIAL FLOOD HAZARD AREAS (100-YEAR FLOODPLAIN) IS NOT PERMITTED.
- 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.
- 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.
- 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.
- 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 FILL, TYPE II ACCORDING TO ITEM 613. ITEM 911 OF THE STANDARD SPECIFICATIONS SHALL BE USED ELSEWHERE.
- 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  
800 EAST 17TH AVENUE  
COLUMBUS, OHIO 43219

SEND A COPY OF THE TRANSMITTAL LETTER TO THE FOLLOWING ADDRESS:

DIVISION OF ENGINEERING  
CITY OF DUBLIN  
6555 SHER RINGS ROAD  
DUBLIN, OHIO 43016

- 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.
- 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.
- CONDUIT MUST BE DIRECTIONALLY BORED ACROSS STREETS INSTEAD OF OPEN CUT, UNLESS SPECIFICALLY APPROVED BY THE CITY ENGINEER. USE OF PNEUMATIC AIR RAM DEVICES IS NOT PERMITTED. PERMITS TO CONSTRUCT IN THE RIGHT-OF-WAY OF EXISTING STREETS MUST BE OBTAINED FROM THE CITY OF DUBLIN DIVISION OF ENGINEERING BEFORE COMMENCING CONSTRUCTION. SHOULD OPEN CUTTING OF EXISTING PAVEMENT BE PERMITTED, CONTROLLED DENSITY BACKFILL (TYPE II) SHALL BE USED IN PLACE OF COMPACTED GRANULAR BACKFILL, ACCORDING TO ITEM 613 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONDITION OF TRENCHES WITHIN THE RIGHT-OF-WAY AND PUBLIC EASEMENTS FOR A PERIOD OF ONE YEAR FROM THE FINAL ACCEPTANCE OF THE WORK, AND SHALL MAKE ANY NECESSARY REPAIRS AT NO COST TO THE CITY.
- PAVEMENTS SHALL BE CUT IN NEAT, STRAIGHT LINES THE FULL DEPTH OF THE EXISTING PAVEMENT OR AS REQUIRED BY THE CITY ENGINEER. PAVEMENT REPLACEMENT SHALL BE CONDUCTED ACCORDING TO CITY OF COLUMBUS STANDARD DRAWING 1441 DR. A AND APPLICABLE CITY OF DUBLIN STANDARD DRAWINGS. THE REPLACEMENT OF DRIVEWAYS, HANDICAPPED RAMPS, SIDEWALKS, BIKE PATHS, PARKING LOT PAVEMENT, ETC. SHALL BE PROVIDED ACCORDING TO THE APPROVED CONSTRUCTION DRAWINGS AND CITY OF DUBLIN STANDARD CONSTRUCTION DRAWINGS.
- 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.
- ANY MODIFICATION TO THE WORK SHOWN ON DRAWINGS MUST HAVE PRIOR WRITTEN APPROVAL BY THE CITY ENGINEER, CITY OF DUBLIN.
- ALL INLETS SHALL BE CHANNELIZED.
- 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.

27. 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.		
28. 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.		
<b>UTILITIES</b>		
1. THE FOLLOWING UTILITIES ARE KNOWN TO BE LOCATED WITHIN THE LIMITS OF THIS PROJECT:		
AEP	850 TECH CENTER DRIVE GAHANNA, OHIO 43230	614.883.7832
COLUMBIA GAS	942 W. GOODALE AVE. COLUMBUS, OHIO 43212	614.460.2338
SBC AMERITECH	111 N. FOURTH ST. COLUMBUS, OHIO 43215	614.223.4362
FIRE HYDRANTS & SEWERS	CITY OF DUBLIN 5800 SHER-RINGS RD DUBLIN, OHIO 43017	614.410.4750
WATER FACILITIES	CITY OF COLUMBUS (DIVISION OF WATER) 910 DUBLIN ROAD COLUMBUS, OHIO 43215	614.645.7788

- 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.
- 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.
- 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.
- WHEN UNKNOWN OR INCORRECTLY LOCATED UNDERGROUND UTILITIES ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER AND THE CITY ENGINEER.
- 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**

- TRAFFIC CONTROL SHALL BE FURNISHED, ERECTED, MAINTAINED, AND REMOVED BY THE CONTRACTOR ACCORDING TO OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD), CURRENT EDITION.
- 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.
- 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.
- STEADY-BURNING, TYPE "C" LIGHTS SHALL BE REQUIRED ON ALL BARRICADES, DRUMS, AND SIMILAR TRAFFIC CONTROL DEVICES IN USE AT NIGHT.
- 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**

- 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 OPA 45 DAYS PRIOR TO THE START OF CONSTRUCTION AND MAY ENTITILE 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.
- THE CONTRACTOR SHALL PROVIDE SEDIMENT CONTROL AT ALL POINTS WHERE STORM WATER RUNOFF LEAVES THE PROJECT, INCLUDING WATERWAYS, OVERLAND SHEET FLOW, AND STORM SEWERS.
- 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.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE DRAINAGE OF THE WORK AREA AT ALL TIMES CONSISTENT WITH EROSION CONTROL PRACTICES.
- 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.

**BLASTING (IF PERMITTED)**

- 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.

**SANITARY SEWERS**

- CONNECTIONS TO THE SANITARY SEWER WILL BE PERMITTED UPON RECEIVING AN OPEA PERMIT TO INSTALL (PTI), AND UPON RECEIVING A SATISFACTORY LETTER FROM THE DESIGN ENGINEER STATING THAT THE PROJECT HAS BEEN CONSTRUCTED AS PER THE PLANS, AND ALL OF THE CONDITIONS OF THE PTI HAVE BEEN MET. THE DEVELOPER IS RESPONSIBLE FOR OBTAINING ALL REQUIRED OHIO EPA APPROVALS AND PAYING REVIEW FEES.
- SANITARY SEWAGE COLLECTION SYSTEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE RULES, REGULATIONS, STANDARDS AND SPECIFICATIONS OF THE CITY OF DUBLIN, OHIO EPA, OHIO DEPARTMENT OF HEALTH AND THE CURRENT EDITION OF THE GREAT LAKES-UPPER MISSISSIPPI RIVER BOARD (TEN STATES) - RECOMMENDED STANDARDS FOR WASTEWATER FACILITIES.
- THE MINIMUM REQUIREMENTS FOR SANITARY SEWER PIPE WITH DIAMETERS 8 INCHES TO 10 INCHES SHALL BE PVC SEWER PIPE ASTM D3034, SDR 35. PIPE FOR 6 INCH DIAMETER HOUSE SERVICE LINES SHALL BE PVC PIPE ASTM D3034, SDR 35. PVC PIPE SHALL NOT BE USED AT DEPTHS GREATER THAN 28 FEET. PIPE MATERIALS AND RELATED STRUCTURES SHALL BE SHOP TESTED IN ACCORDANCE WITH CITY OF COLUMBUS CONSTRUCTION INSPECTION DIVISION QUALITY CONTROL REQUIREMENTS.
- THE MINIMUM REQUIREMENTS FOR SANITARY SEWER PIPES WITH DIAMETERS 12 INCHES TO 30 INCHES SHALL BE PVC SEWER PIPE, ASTM D3034, SDR 35 OR SANITITE HP PIPE, ASTM F2764. SANITARY SEWER PIPES WITH DIAMETERS 30 INCHES TO 60 INCHES SHALL BE PVC SEWER PIPE, ASTM D3034, SDR 35 OR SANITITE HP PIPE, ASTM F2764.

- ALL IN-LINE WYE AND TEE CONNECTIONS IN CONCRETE SEWERS, 18-INCH DIAMETER AND LARGER, SHALL BE EITHER KOR\_N\_TEE OR KOR\_N\_SEAL CONNECTIONS CONFORMING TO THE MANUFACTURER'S RECOMMENDATIONS.
- GRANULAR BACKFILL SHALL BE COMPACTED GRANULAR MATERIAL ACCORDING TO ITEM 912 OF THE STANDARD SPECIFICATIONS OR CONTROLLED DENSITY BACKFILL ACCORDING TO ITEM 613, TYPE II OF THE STANDARD SPECIFICATIONS AS DIRECTED BY THE CITY ENGINEER.
- ALL MANHOLE LIDS SHALL BE PROVIDED WITH CONTINUOUS SELF-SEALING GASKETS. THE APPROVED CONSTRUCTION DRAWINGS SHALL SHOW WHERE BOLT-DOWN LIDS ARE REQUIRED. SANITARY SEWER MANHOLES SHALL BE PRECAST CONCRETE OR AS APPROVED BY THE CITY ENGINEER AND CONFORM TO THE CITY OF DUBLIN SANITARY MANHOLE STANDARD DRAWING. MANHOLE LIDS SHALL INCLUDE CITY OF DUBLIN LOGO.
- ALL PVC SEWER PIPES SHALL BE DEFLECTION TESTED NO LESS THAN 60 DAYS AFTER COMPLETION OF BACKFILLING OPERATIONS. ALL OTHER REQUIREMENTS SHALL BE ACCORDING TO ITEM 901.21 OF THE STANDARD SPECIFICATIONS.
- TEMPORARY BULKHEADS SHALL BE PLACED IN PIPES AT LOCATIONS SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS AND SHALL REMAIN IN PLACE UNTIL THE PERMIT TO INSTALL (PTI) HAS BEEN ISSUED BY THE OPEA AND THE SEWERS HAVE BEEN APPROVED FOR USE BY THE CITY ENGINEER. THE COST FOR FURNISHING, INSTALLING, MAINTAINING, AND REMOVING BULKHEADS SHALL BE INCLUDED IN THE CONTRACT UNIT BID PRICE FOR THE VARIOUS SANITARY SEWER ITEMS.
- ALL SANITARY SEWERS INCLUDING SANITARY SEWER SERVICE LINES SHALL BE SUBJECTED TO AND PASS INFILTRATION OR EXFILTRATION TESTS ACCORDING TO ITEM 901 OF THE STANDARD SPECIFICATIONS AND MUST BE APPROVED FOR USE BY THE CITY ENGINEER BEFORE ANY SERVICE CONNECTIONS ARE TAPPED INTO SEWERS.
- FOR SANITARY SEWER INFILTRATION, LEAKAGE THROUGH JOINTS SHALL NOT EXCEED 100 GALLONS PER INCH OF TRIBUTARY SEWER DIAMETER PER 24 HOURS PER MILE OF LENGTH OR THE COMPUTED EQUIVALENT. ALL SANITARY SEWERS SHALL BE TESTED.
- AT THE DETERMINATION OF THE CITY ENGINEER, THE CONTRACTOR MAY BE REQUIRED TO PERFORM A TV INSPECTION OF THE SANITARY SEWER SYSTEM PRIOR TO FINAL ACCEPTANCE BY THE CITY. THIS WORK SHALL BE COMPLETED BY THE CONTRACTOR AT HIS EXPENSE.
- VISIBLE LEAKS OR OTHER DEFECTS OBSERVED OR DISCOVERED DURING TV INSPECTION SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER.
- ROOF DRAINS, FOUNDATION DRAINS, FIELD TILE OR OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE STRICTLY PROHIBITED ACCORDING TO SECTION 51.23 OF THE DUBLIN CODE OF ORDINANCES.
- ALL WATER LINES SHALL BE LOCATED AT LEAST 10 FEET HORIZONTALLY AND 18 INCHES VERTICALLY, FROM SANITARY SEWERS AND STORM SEWERS, TO THE GREATEST EXTENT PRACTICABLE. WHERE SANITARY SEWERS CROSS WATER MAINS OR OTHER SEWERS OR OTHER UTILITIES, TRENCH BACKFILL SHALL BE PLACED BETWEEN THE TRENCHES AND SHALL BE COMPACTED GRANULAR MATERIAL ACCORDING TO ITEM 912 OF THE STANDARD SPECIFICATIONS. IN THE EVENT THAT A WATER LINE MUST CROSS WITHIN 18 INCHES OF A SANITARY SEWER, THE SANITARY SEWER SHALL BE CONCRETE ENCASED OR CONSIST OF DUCTILE IRON PIPE MATERIAL.
- SERVICE RISERS SHALL BE INSTALLED WHERE THE DEPTH FROM WYES TO PROPOSED GROUND ELEVATION EXCEEDS 10 FEET. TOPS OF RISERS SHALL BE NO LESS THAN 9 FEET BELOW PROPOSED GROUND ELEVATION IF BASEMENT SERVICE IS INTENDED.
- WHERE SERVICE RISERS ARE NOT INSTALLED, A MINIMUM 5-FOOT LENGTH OF SANITARY SEWER SERVICE PIPE OF THE SAME SIZE AS THE WYE OPENING SHALL BE INSTALLED.
- THE CONTRACTOR SHALL FURNISH AND PLACE, AS DIRECTED, APPROVED WYE POLES MADE OF 2 INCHES X 2 INCHES LUMBER AT ALL WYE LOCATIONS, ENDS OF EXTENDED SERVICES, OR AT THE END OF EACH RISER WHERE RISERS ARE REQUIRED. WYE POLES SHALL BE VISIBLE BEFORE ACCEPTANCE BY THE CITY. THE COST OF THESE POLES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS SEWER ITEMS.
- EXISTING SANITARY SEWER FLOWS SHALL BE MAINTAINED AT ALL TIMES. COSTS FOR PUMPING AND BYPASSING SHALL BE INCLUDED IN THE CONTRACTOR'S UNIT PRICE BID FOR THE RELATED ITEMS.
- THE CONTRACTOR SHALL FURNISH ALL MATERIAL, EQUIPMENT, AND LABOR TO MAKE CONNECTIONS TO EXISTING MANHOLES. THE SEWER PIPE TO MANHOLE CONNECTIONS FOR ALL SANITARY SEWERS SHALL BE FLEXIBLE AND WATER TIGHT. ALL HOLDS SHALL BE NEATLY COVERED. THE SEWER PIPE BARREL AT THE SPRINGLINE SHALL NOT EXTEND MORE THAN 1 INCH BEYOND THE INSIDE FACE OF THE MANHOLE TO MAINTAIN FLEXIBILITY IN THE CONNECTION. A 1-INCH SPACE SHALL BE LEFT BETWEEN THE END OF THE PIPE INSIDE THE MANHOLE AND THE CONCRETE CHANNEL. THIS SPACE SHALL BE FILLED WITH A WATERPROOF FLEXIBLE JOINT FILLER. ANY METAL THAT IS USED SHALL BE TYPE 300 SERIES STAINLESS STEEL. THE CONNECTION MAY BE ANY OF THE FOLLOWING TYPES:
  - RUBBER SLEEVE WITH STAINLESS STEEL BANDING.
  - KOR\_N\_SEAL AS MANUFACTURED BY NATIONAL POLLUTION CONTROL SYSTEMS, INC.
  - LOCK JOINT FLEXIBLE MANHOLE SLEEVE AS MANUFACTURED BY INTERFACE CORPORATION.
  - OR EQUAL AS APPROVED BY THE CITY ENGINEER.
- RUBBER GASKET COMPRESSION.
  - PRESS WEDGE II AS MANUFACTURED BY PRESS-SEAL GASKET CORPORATION.
  - DURA SEAL III AS MANUFACTURED BY DURA TECH, INC.
  - LINK-SEAL AS MANUFACTURED BY THUNDERLINE CORPORATION.
  - OR EQUAL AS APPROVED BY THE CITY ENGINEER.

THE COST FOR THIS WORK ALONG WITH A NEW CHANNELIZED BASE FOR THE MANHOLE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE RELATED ITEMS OF WORK.

**WATER LINE**

- ALL WATER LINE MATERIALS SHALL BE PROVIDED AND INSTALLED ACCORDING TO CURRENT SPECIFICATIONS OF THE CITY OF COLUMBUS DIVISION OF WATER.
- ALL PUBLIC WATER PIPE WITH A DIAMETER 3 INCHES TO 8 INCHES SHALL BE DUCTILE IRON, CLASS 53. PUBLIC WATER PIPE 12 INCHES IN DIAMETER OR LARGER SHALL BE DUCTILE IRON, CLASS 54. PUBLIC WATER PIPE 20 INCHES IN DIAMETER OR LARGER MAY BE PRESTRESSED CONCRETE PIPE. PRIVATE WATER PIPE SHALL MEET THE APPROVAL OF THE CITY OF COLUMBUS DIVISION OF WATER PRIOR TO APPROVAL OF THE CONSTRUCTION DRAWINGS.
- ONLY FIRE HYDRANTS CONFORMING TO CITY OF COLUMBUS STANDARDS WILL BE APPROVED FOR USE.
- PUBLIC WATER LINES SHALL BE DISINFECTED BY THE CITY OF COLUMBUS DIVISION OF WATER. REQUESTS FOR WATER LINE CHLORINATION SHALL BE MADE THROUGH THE CITY OF DUBLIN DIVISION OF ENGINEERING. THE COST FOR CHLORINATION SHALL BE PAID FOR BY THE CONTRACTOR.
- ALL WATER LINES SHALL BE DISINFECTED ACCORDING TO ITEM 801.13 OF THE STANDARD SPECIFICATIONS. SPECIAL ATTENTION IS DIRECTED TO APPLICABLE SECTIONS OF AMERICAN WATER WORKS ASSOCIATION SPECIFICATION C-651, PARTICULARLY FOR FLUSHING (SECTION 5) AND FOR CHLORINATING VALVES AND FIRE HYDRANTS (SECTION 7). PRESSURE TESTING SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 801.12 OF THE CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATIONS. WHEN WATER LINES ARE READY FOR DISINFECTION, THE CITY OF DUBLIN SHALL SUBMIT TWO (2) SETS OF "AS-BUILT" PLANS, AND A LETTER STATING THAT THE WATER LINES HAVE BEEN PRESSURE TESTED AND NEED TO BE DISINFECTED, TO THE CITY OF COLUMBUS, DIVISION OF WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE DISINFECTION OF ALL WATER LINES CONSTRUCTION PER THIS PLAN. PRESSURE TESTING SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 801.12 OF THE CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATIONS.
- THE CONTRACTOR SHALL PAINT ALL FIRE HYDRANTS ACCORDING TO CITY OF DUBLIN STANDARDS. THE COST OF PAINTING FIRE HYDRANTS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR FIRE HYDRANTS.
- NO WATER TAPS OR SERVICE CONNECTIONS (E.G., TO CURB STOPS OR METER PITS) MAY BE ISSUED UNTIL ADJACENT PUBLIC WATER LINES SERVING THE CONSTRUCTION SITE HAVE BEEN DISINFECTED BY THE CITY OF COLUMBUS DIVISION OF WATER AND HAVE BEEN ACCEPTED BY THE CITY ENGINEER. A TAP PERMIT FOR EACH WATER SERVICE MUST BE OBTAINED FROM THE CITY OF DUBLIN AND THE CITY OF COLUMBUS DIVISION OF WATER BEFORE MAKING ANY TAPS INTO PUBLIC WATER LINES.
- THE CONTRACTOR SHALL NOTIFY THE CITY OF COLUMBUS DIVISION OF WATER AT 645-7788 AND THE CITY OF DUBLIN DIVISION OF ENGINEERING AT LEAST 24 HOURS BEFORE TAPPING INTO EXISTING WATER LINES.
- ALL WATER MAIN STATIONING SHALL BE BASED ON STREET CENTERLINE STATIONING.
- ALL BENDS, JOINT DEFLECTIONS AND FITTINGS SHALL BE BACKED WITH CONCRETE PER CITY OF COLUMBUS STANDARDS.
- THE CONTRACTOR SHALL GIVE WRITTEN NOTICE TO ALL AFFECTED PROPERTY OWNERS AT LEAST 1 WORKING DAY BUT NOT MORE THAN 3 WORKING DAYS PRIOR TO ANY TEMPORARY INTERRUPTION OF WATER SERVICE. INTERRUPTION OF WATER SERVICE SHALL BE MINIMIZED AND MUST BE APPROVED BY THE CITY ENGINEER.
- WATER METERS SHALL BE INSTALLED INSIDE PROPOSED STRUCTURES UNLESS A METER PIT INSTALLATION IS APPROVED BY THE CITY OF COLUMBUS DIVISION OF WATER. METER PITS MUST CONFORM TO STANDARD

- DRAWINGS L-7103, A&B FOR 5/8" THROUGH 1" METERS OR L-6317, A, B, C&D FOR 1-1/2" OR LARGER METERS.
- WATER LINES TO BE INSTALLED IN EMBANKMENT AREAS SHALL BE PLACED AFTER THE EMBANKMENT HAS BEEN LINED AND COMPACTED ACCORDING TO THE STANDARD SPECIFICATIONS.
- CURB STOP BOXES SHALL BE LOCATED AT LEAST 1 FOOT INSIDE THE RIGHT-OF-WAY AND SET AT FINISHED GRADE.
- IF THE TOP OF THE OPERATING NUT OF ANY VALVE IS GREATER THAN 36 INCHES BELOW FINISHED GRADE, AN EXTENSION STEM SHALL BE FURNISHED TO BRING THE TOP OF THE OPERATING NUT TO WITHIN 24 INCHES OF FINISHED GRADE ELEVATION.
- ALL WATER LINES SHALL BE PLACED AT A MINIMUM DEPTH OF 4 FEET MEASURED FROM TOP OF FINISHED BACKFILL TO TOP OF WATER LINE. WATER LINES SHALL BE SET DEEPER AT POINTS WHERE NECESSARY TO CLEAR EXISTING OR PROPOSED UTILITY LINES OR OTHER UNDERGROUND RESTRICTIONS BY A MINIMUM OF 18 INCHES.
- TWO 3/4 INCH TAPS SHALL BE INSTALLED WITHIN 2 FEET OF THE END OF THE LINE ON ALL DEAD-END WATER LINES.

**STORM SEWER**

- ALL STORM WATER DETENTION AND RETENTION AREAS AND MAJOR FLOOD ROUTING SWALES SHALL BE CONSTRUCTED TO FINISH GRADE AND HYDRO-SEEDED AND HYDRO-MULCHED ACCORDING TO ITEMS 203 AND 659 OF THE STANDARD SPECIFICATIONS.
- WHERE PRIVATE STORM SEWERS CONNECT TO PUBLIC STORM SEWERS, THE LAST RUN OF PRIVATE STORM SEWER CONNECTING TO THE PUBLIC STORM SEWER SHALL BE REINFORCED CONCRETE PIPE CONFORMING TO ASTM DESIGNATION C76, WALL B, CLASS IV FOR PIPE DIAMETERS 12 INCHES TO 15 INCHES, CLASS III FOR 18 INCHES TO 24 INCH PIPE DIAMETERS, AND 27 INCHES AND LARGER PIPE SHALL BE CLASS II, UNLESS OTHERWISE SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS. INSPECTION IS REQUIRED BY THE CITY OF DUBLIN'S DIVISION OF ENGINEERING.
- GRANULAR BACKFILL SHALL BE COMPACTED GRANULAR MATERIAL ACCORDING TO ITEM 912 OF THE STANDARD SPECIFICATIONS AS DIRECTED BY THE CITY ENGINEER.
- ALL STORM SEWERS SHALL BE REINFORCED CONCRETE PIPE CONFORMING TO ASTM DESIGNATION C76, WALL B, CLASS IV FOR PIPE DIAMETERS 12 INCHES TO 15 INCHES, CLASS III FOR 18 INCHES TO 24 INCH PIPES, AND 27 INCHES AND LARGER PIPE SHALL BE CLASS II, UNLESS OTHERWISE SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS.
- HEADWALLS SHALL BE REQUIRED AT ALL STORM SEWER INLETS OR OUTLETS TO AND FROM STORMWATER MANAGEMENT FACILITIES. NATURAL STONE AND/OR BRICK APPROVED BY THE CITY ENGINEER SHALL BE PROVIDED ON ALL VISIBLE HEADWALL SURFACES.
- STORM INLETS OR CATCH BASINS SHALL BE CHANNELIZED AND HAVE BICYCLE SAFE GRATES. MANHOLE LIDS SHALL INCLUDE CITY OF DUBLIN LOGO AND ALL CURB INLET AND CATCH BASIN GRATES SHALL INCLUDE ENGRAVED LETTERING: "DUMP NO WASTE; DRAINS TO RIVER."
- STORM SEWER OUTLETS GREATER THAN 18 INCHES IN DIAMETER ACCESSIBLE FROM STORMWATER MANAGEMENT FACILITIES OR WATERCOURSES SHALL BE PROVIDED WITH SAFETY GRATES, AS APPROVED BY THE CITY ENGINEER.
- HP STORM AND HP SANITITE OR APPROVED EQUAL ARE APPROVED ALTERNATIVES TO REINFORCED CONCRETE PIPE IN PAVED AND NON PAVED AREAS AS APPROVED BY THE CITY ENGINEER. THIS INCLUDES APPLICATIONS INSIDE THE RIGHT-OF-WAY.
- HP STORM AND HP SANITITE OR APPROVED EQUAL WYE JOINTS SHALL BE WATER TIGHT ACCORDING TO REQUIREMENTS OF ASTM D3212. PIPES SHALL BE JOINED WITH A GASKETED INTEGRAL BELL & SPIGOT JOINT MEETING THE REQUIREMENTS OF ASTM F2081 (HP STORM) AND ASTM F2764 (HP SANITITE). GASKETS SHALL BE INSTALLED BY PIPE MANUFACTURER AND COVERED WITH REMOVABLE, PROTECTIVE WRAP TO ENSURE THE GASKET IS FREE FROM DEBRIS. A JOINT LUBRICANT AVAILABLE FROM THE MANUFACTURER SHALL BE USED ON THE GASKET AND BELL DURING JOINT ASSEMBLY.
- ALL BEDDING MATERIAL SHALL BE IN ACCORDANCE WITH CITY OF COLUMBUS STANDARD CONSTRUCTION DRAWING AA-S149.
- BACKFILL MATERIAL SHALL BE PLACED IN ACCORDANCE WITH ITEM 911 OR ITEM 912 OF THE CITY OF COLUMBUS CONSTRUCTION MATERIAL SPECIFICATIONS (CMS).
- BACKFILL MATERIAL IN AREAS LOCATED OUTSIDE THE PUBLIC RIGHT-OF-WAY SHALL BE PLACED IN ACCORDANCE WITH ITEM 901 OF THE CITY OF COLUMBUS (CMS).
- ALL HP STORM AND HP SANITITE PIPE (FOR STORM SEWER) SHALL BE MANDREL TESTED IN ACCORDANCE WITH CITY OF COLUMBUS ITEM 901.21, WITH THE EXCEPTION THAT THE WAITING PERIOD PRIOR TO TESTING SHALL BE 30 DAYS.

**MAIL DELIVERY**

- 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.
- 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**

- 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.
- 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 SIAMSESE VALVE TO THE CITY OF COLUMBUS AND HAS PAID ALL COSTS ARISING FROM THE USE OF THE FIRE HYDRANTS.

M:\1286001\_DublinRehab\DWG\Production Drawings\Final Development Plan\1286001\_FDP\_Title Sheet.dwg -General Notes LAST EDITED BY:WJRN ON 06/17/23 10:42

REVISIONS	BY	DATE



**E. P. FERRIS**  
AND  
ASSOCIATES  
INC

Consulting Civil Engineers and Surveyors

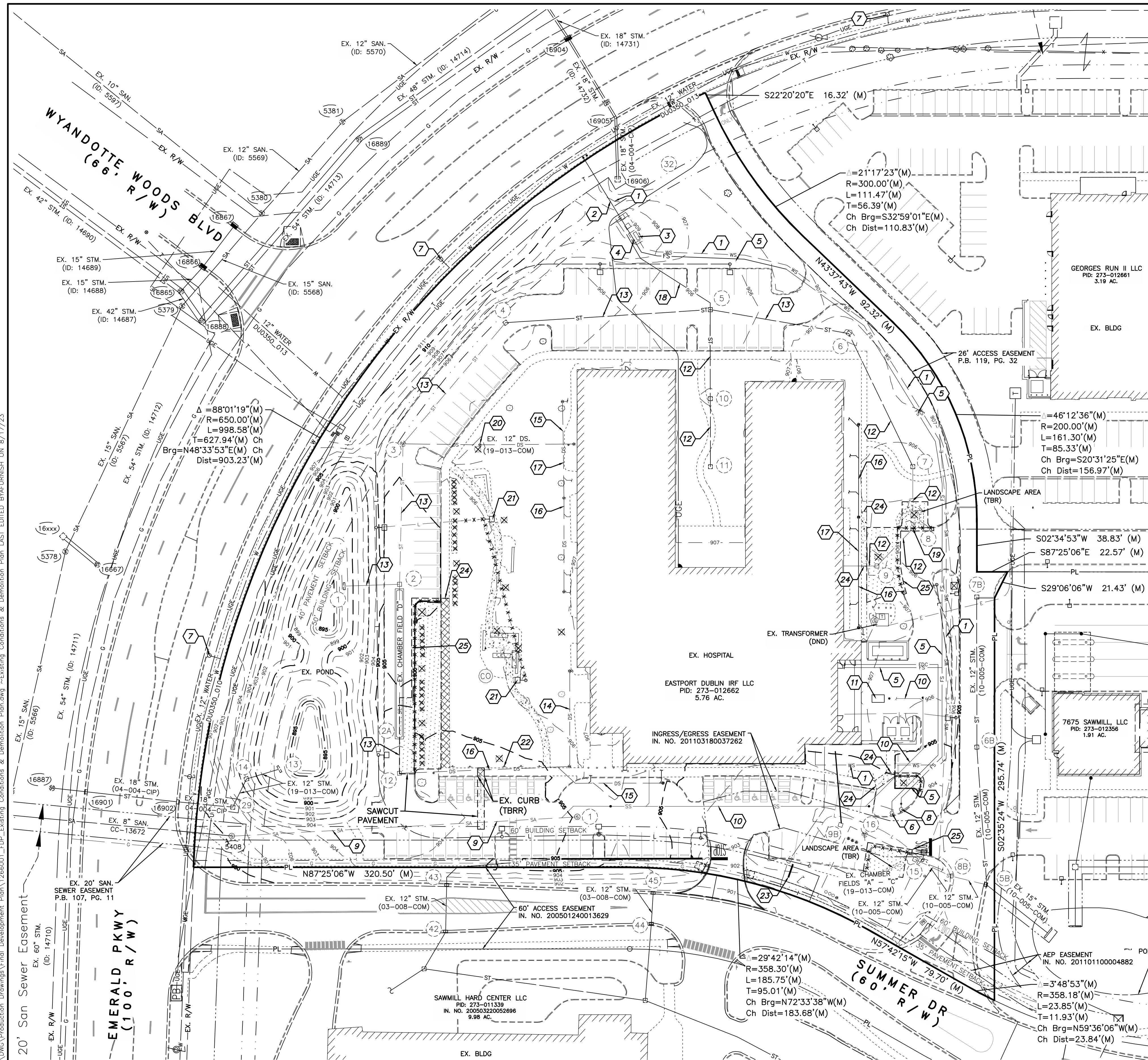
2130 QUARRY TRAILS DR,  
2ND FLOOR  
COLUMBUS, OHIO 43228  
(614) 299-2999  
(614) 299-2992 (Fax)  
www.EPFERRIS.com

**3805 EMERALD PARKWAY, CITY OF DUBLIN, OHIO**  
**DUBLIN REHABILITATION HOSPITAL EXPANSION**

JOB NO.:	1266.001	NO SCALE
DESIGNED BY:	X	
DRAWN BY:	X	
CHECKED BY:	X	
APPROVED BY:	X	
DATE:	08/17/2023	

SHEET NO.	OF
2	10

W:\1266001\_DublinRehab\DWG\Production Drawings\Final Development Plans\1266001\_FDP\_Existing Conditions & Demolition Plan.dwg ~Existing Conditions & Demolition Plan LAST EDITED BY/FURNISH ON 8/17/23



**LEGEND**

- ⊗ EX. FIRE HYDRANT
- ⊙ EX. WATER SERVICE VALVE
- ⊠ EX. PULL BOX
- ⊕ EX. TREE
- ⊗ EX. TREE (TBR) - SEE LANDSCAPE PLANS
- ⊙ EX. BUSH
- ⊗ EX. BUSH (TBR)
- ⊙ EX. SANITARY MANHOLE
- ⊙ EX. CATCH BASIN
- ⊙ EX. STORM MANHOLE
- ⊙ EX. STORM CURB INLET
- ⊙ EX. UTILITY POLE
- ⊙ EX. LIGHT POLE
- ⊙ EX. UNDERGROUND TELEPHONE PEDESTAL
- ⊙ EX. SIGN
- ⊙ EX. CURB (TBR)
- ⊙ EX. FENCE
- ⊙ EX. WATER LINE
- ⊙ EX. WATER SERVICE
- ⊙ EX. UNDERGROUND TELECOM
- ⊙ EX. GAS
- ⊙ EX. STORM
- ⊙ EX. SANITARY
- ⊙ EX. UNDERGROUND ELECTRIC
- ⊙ EX. OVERHEAD ELECTRIC
- ⊙ EX. LIGHTING CONDUIT
- ⊙ EX. LIGHTING CONDUIT (TBR)
- ⊙ ADJUST TO GRADE
- ⊙ DO NOT DISTURB
- ⊙ TO BE REMOVED
- ⊙ TO BE RELOCATED
- ⊙ TO BE REMOVED AND REPLACED
- ⊙ PR. DEMOLITION AREA
- ⊙ EX. SIDEWALK (TBR)
- ⊙ EX. SIDEWALK (TBRR)

**STORM INVERT SCHEDULE**

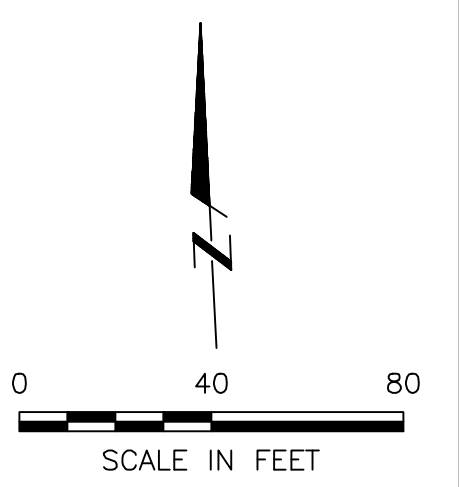
- ⊙ EX. CURB INLET  
RIM = 905.37  
EX. 12" INV. (N) = 901.19  
EX. 12" INV. (SW) = 901.19
- ⊙ EX. CATCH BASIN  
RIM = 905.55  
EX. 12" INV. (NE) = 901.40  
EX. 6" DS. INV. (W) = 901.70

**CODED NOTES**

- 1 EX. 3" DWS. (WSP-6234)
- 2 EX. 6" FS. (WSP-6234)
- 3 EX. HOT BOX (WSP-6234)
- 4 EX. 6"x8" INCREASER (WSP-6234)
- 5 EX. 8" FS. (WSP-6234)
- 6 EX. 4" REMOTE FDC
- 7 EX. PUBLIC FIRE HYDRANT
- 8 EX. PRIVATE FIRE HYDRANT
- 9 EX. 8" SAN. (CC-18679)
- 10 EX. 6" SS. (CC-18679)
- 11 EX. GREASE INTERCEPTOR (CC-18679)
- 12 EX. 12" STM. (19-013-COM)
- 13 EX. 18" STM. (19-013-COM)
- 14 EX. 6" DS. (19-013-COM)
- 15 EX. 8" DS. (19-013-COM)
- 16 EX. 10" DS. (19-013-COM)
- 17 EX. 12" DS. (19-013-COM)
- 18 EX. 4" PVC UNDERDRAIN (WSP-6234)
- 19 EX. CURB INLET CASTING TO BE REMOVED AND REPLACED, SEE UTILITY PLAN, SHEET 7
- 20 STORM ROOF DRAIN CLEANOUT TO BE RELOCATED, SEE UTILITY PLAN, SHEET 7
- 21 EX. LIGHT POLE (TBR)
- 22 EX. ADA PARKING SPACE SIGN (TBRL)
- 23 EX. MONUMENT SIGN
- 24 SAWCUT SIDEWALK TO NEAREST JOINT
- 25 SAWCUT EXISTING PAVEMENT A MINIMUM OF 1' OUTSIDE OF EXISTING CURB FOR CURB REMOVAL



BY: Matthew Lee Sloat, P.E., P.S.  
Registered Surveyor No. 8342



REVISIONS	DATE	BY	CHK.

**E. P. FERRIS AND ASSOCIATES INC.**  
Consulting Civil Engineers and Surveyors

2130 QUARRY TRAILS DR,  
2ND FLOOR  
COLUMBUS, OHIO 43228  
(614) 299-2999  
(614) 299-2992 (Fax)  
www.EPFERRIS.com

**3805 EMERALD PARKWAY, CITY OF DUBLIN, OHIO  
DUBLIN REHABILITATION HOSPITAL EXPANSION**

JOB NO.	1266.001
DESIGNED BY:	---
DRAWN BY:	AJF
CHECKED BY:	JCP
APPROVED BY:	JCP
DATE:	08/17/2023

**EXISTING CONDITIONS & DEMOLITION PLAN**

SCALE: 1" = 40'

SHEET NO. 3 OF 10