

PLOT SCALE: 1:1 EDIT DATE: 1/17/19 - 11:10 AM EDITED BY: JRPERRY DRAWING FILE: C:\2018\060600.DRAWINGS\CIVIL\CONSTRUCTION DOCUMENTS\2018.060600.TSD.DWG

GENERAL NOTES

- 1. THE CONTRACTOR SHALL VISIT THE SITE AND REVIEW ALL CONSTRUCTION DOCUMENTS AND FIELD VERIFY THE EXISTING CONDITIONS PRIOR TO BIDDING. NO ADDITIONAL COMPENSATION WILL BE GIVEN FOR WORK THAT COULD HAVE BEEN IDENTIFIED BY A SITE VISIT OR CONSTRUCTION DOCUMENT REVIEW.
2. SPECIFICATIONS - PERFORM ALL WORK IN ACCORDANCE WITH CITY AND OHIO DEPARTMENT OF TRANSPORTATION (ODOT) MATERIAL SPECIFICATIONS AND STANDARD CONSTRUCTION DRAWINGS. IN CASE OF DISCREPANCY BETWEEN CITY AND ODOT REQUIREMENTS AND PROJECT SPECIFICATIONS, CITY STANDARDS SHALL GOVERN. WHEREVER THE WORDS "STATE," "DEPARTMENT," OR "DEPUTY DIRECTOR" OCCUR, IT IS TO MEAN THE OWNER. WHEREVER THE WORD "ENGINEER" OCCURS, IT IS TO MEAN AMERICAN STRUCTUREPOINT, INC.
3. IT IS THE CONTRACTORS RESPONSIBILITY TO ASCERTAIN THE LOCATION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY THE LOCATION, ELEVATION AND MARK ALL EXISTING UTILITIES 48 HOURS BEFORE CONSTRUCTION STARTS. CONTACT OUPS UTILITY LOCATING SERVICE TO FIELD LOCATED EXISTING UTILITIES. CONTACT UTILITY OWNER IF DAMAGE OCCURS DUE TO CONSTRUCTION.
4. PROTECT ALL EXISTING STRUCTURES AND UTILITIES WHICH ARE NOT SCHEDULED FOR REMOVAL.
5. BENCHMARKS - THE CONTRACTOR SHALL CAREFULLY PRESERVE BENCHMARKS, SURVEY MONUMENTS, PROPERTY CORNERS, REFERENCE POINTS, AND STAKES. ANY BENCHMARK, PROPERTY CORNER, OR SURVEY MARKER DAMAGED OR DISTURBED BY THE CONTRACTOR SHALL BE RESET BY AN OHIO REGISTERED SURVEYOR AT THE CONTRACTOR'S EXPENSE.
6. PERMITS & LICENSES - THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND LICENSES NEEDED FOR THE CONSTRUCTION OF THIS PROJECT.
7. EXISTING SEWERS & STRUCTURES - THE CONTRACTOR SHALL REPLACE, TO THE SATISFACTION OF THE ENGINEER, ALL EXISTING MANHOLES, CATCH BASINS, DRAINS, SEWERS, AND APPURTENANCES REMOVED OR DAMAGED DURING CONSTRUCTION. THE CONTRACTOR SHALL REMOVE DEBRIS, SILT, ETC. FROM THE EXISTING MANHOLES AND CATCH BASINS WHICH HAVE BEEN AFFECTED BY CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL MAINTAIN SERVICE IN EXISTING SEWERS DURING CONSTRUCTION.
8. SAW-CUT - ALL EXISTING PAVEMENTS, WALKWAYS, CURBS, ETC. SHALL BE SAW-CUT BEFORE REMOVAL. IF DURING CONSTRUCTION, THE PAVEMENT, WALKWAY, CURB, ETC. IS DAMAGED BEYOND THE ORIGINAL SAW-CUT, THE DAMAGED AREA SHALL BE RE-CUT TO NEAT LINES, AS DIRECTED BY THE ENGINEER. SAW-CUT SHALL BE PERFORMED ALONG EXISTING JOINTS WHERE POSSIBLE. WHENEVER PORTIONS OF EXISTING PAVEMENT OR CURB ARE TO BE REMOVED ALLOWING PORTIONS OF THE PAVEMENT TO REMAIN, THE CONTRACTOR SHALL SAW-CUT THE ASPHALT OR CONCRETE PRIOR TO REMOVAL.
9. NON-RUBBER Tired VEHICLES - NO NON-RUBBER Tired VEHICLES SHALL BE MOVED ON EXISTING PAVEMENT TO REMAIN. EXCEPTIONS MAY BE GRANTED BY THE OWNER WHERE SHORT DISTANCES AND SPECIAL CIRCUMSTANCES ARE INVOLVED. GRANTING OF EXCEPTIONS MUST BE IN WRITING AND ANY RESULTING DAMAGE MUST BE REPAIRED TO THE SATISFACTION OF THE OWNER.
10. CLEAN-UP - IT IS THE INTENT OF THE OWNER TO KEEP INCONVENIENCE TO THE SURROUNDING PROPERTIES TO AN ABSOLUTE MINIMUM. ALL WORK PRESCRIBED AND DESCRIBED IN THESE PLANS AND SPECIFICATIONS IS SITUATED IN IMPROVEMENT AREAS. ALL WORK IS TO CONTINUE ON A UNIFORM BASIS AND ON SCHEDULE, PARTICULARLY THE RESTORATION AND CLEANUP OF DISTURBED AREAS AFTER CONSTRUCTION. ALL DEBRIS, RUBBLE, UNSUITABLE MATERIALS, AND ITEMS NOT SALVAGED BY THE OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AND DISPOSED OF PROPERTY ACCORDING TO LOCAL CODES. THE CONTRACTOR SHALL RESTORE DISTURBED AREAS TO THEIR ORIGINAL CONDITION AND ELEVATION. ANY DIRT, SEDIMENT OR MUD DEPOSITED ON CITY STREETS ON OR OFF THE PROJECT SITE SHALL IMMEDIATELY BE CLEANED BY THE CONTRACTOR. THE CONTRACTOR IS REQUIRED TO PERFORM WEEKLY STREET CLEANING THROUGHOUT THE DURATION OF THE PROJECT. THIS MAY INCLUDE REMOVAL BY SWEEPING, POWER CLEANING, OR MANUAL METHODS. 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. ADDITIONAL COMPENSATION - THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, SERVICES, AND RELATED ACCESSORIES FOR A COMPLETE PROJECT AS SHOWN AND DESCRIBED IN THE PLANS AND SPECIFICATIONS. SUBMISSIONS OF A BID SHALL BE CONSIDERED EVIDENCE THAT THE BIDDER IS SATISFIED WITH THE PLANS AND CONDITIONS AS SHOWN. NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR COMPLIANCE WITH THE PLANS, SPECIFICATIONS, OR SPECIAL PROVISIONS.
12. SANITARY FACILITIES - THE CONTRACTOR SHALL FURNISH AND MAINTAIN SANITARY CONVENIENCE FACILITIES FOR THE WORKERS AND INSPECTORS FOR THE DURATION OF THE WORK.
13. STORAGE OF EQUIPMENT AND MATERIALS - ALL MATERIALS, INCLUDING PIPE, SHALL BE STORED IN AREAS TO MINIMIZE INCONVENIENCE AND LOSS OF USE TO UNIVERSITY PROPERTY. STORAGE EQUIPMENT, DURING NON-WORKING HOURS, SHALL ALSO COMPLY WITH THIS REQUIREMENT. COMPLIANCE WITH THIS REQUIREMENT ALONG WITH ADDITIONAL PROVISIONS OF THE CONTRACT SPECIFICATIONS SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR OF THIS LEGAL RESPONSIBILITIES OR LIABILITIES FOR THE SAFETY OF THE PUBLIC. THE CONTRACTOR SHALL RECEIVE OWNER APPROVAL OF STORAGE AREAS PRIOR TO CONSTRUCTION.
14. CONSTRUCTION PRACTICES - BEST CONSTRUCTION PRACTICES ARE TO BE IMPLEMENTED TO MINIMIZE WATER QUALITY IMPACTS. A SPILL CONTAINMENT KIT IS TO BE MAINTAINED ON-SITE THROUGHOUT CONSTRUCTION ACTIVITIES. SPILLS OF FUELS, OILS, CHEMICALS, OR OTHER MATERIALS WHICH COULD POSE A THREAT TO GROUNDWATER SHALL BE CLEANED UP IMMEDIATELY. IF THE SPILL IS A REPORTABLE AMOUNT (25 GALLONS OR MORE) THE LOCAL FIRE DEPARTMENT IS TO BE CONTACTED. PROVIDE SECONDARY CONTAINMENT OF ANY TEMPORARY FUEL STORAGE TANK AND/OR EQUIPMENT THAT HAS POTENTIAL FOR CAUSING A SPILL.
15. TESTING - REFER TO PROJECT MANUAL FOR TESTING AND INSPECTION REQUIREMENTS.
16. UTILITY PROTECTION - THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THE PLAN ARE OBTAINED FROM A TOPOGRAPHIC SURVEY. THE CONTRACTOR IS RESPONSIBLE FOR THE INVESTIGATION, LOCATION, SUPPORT, PROTECTION AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES SHOWN. THE CONTRACTOR SHALL EXPOSE UTILITIES AND STRUCTURES PRIOR TO THE CONSTRUCTION TO VERIFY THE VERTICAL AND HORIZONTAL EFFECT ON THE PROPOSED CONSTRUCTION. ANY DEVIATIONS FROM THE PLANS SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY, SUCH THAT, ANY MODIFICATIONS TO THE PROPOSED DESIGN CAN BE MADE. POTHOLES AND/OR EXCAVATIONS SHALL BE USED WHERE NECESSARY AND AS APPROVED BY THE OWNER. ITEMS SHALL BE EXPOSED SUFFICIENTLY IN ADVANCE TO MAINTAIN THE PROJECT SCHEDULE.

THE CONTRACTOR SHALL CALL, TOLL FREE, THE OHIO UTILITIES PROTECTION SERVICE (1-800-362-2764) 72 HOURS PRIOR TO CONSTRUCTION AND SHALL NOTIFY ALL UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO WORK IN THE VICINITY OF THEIR UNDERGROUND LINES.
MECHANICAL DIGGING EQUIPMENT SHALL NOT BE USED FOR EXPOSING ANY UNDERGROUND UTILITY. ONLY HAND TOOLS MAY BE USED TO UNCOVER THE UTILITY AND THE UTILITY COMPANY SHALL BE NOTIFIED AND HAVE A REPRESENTATIVE PRESENT WHEN THE UTILITY IS EXPOSED.
LOCATE EXISTING UNDERGROUND UTILITIES IN THE AREAS OF THE WORK. IF UTILITIES ARE TO REMAIN IN PLACE, PROVIDE ADEQUATE MEANS OF PROTECTING DURING EXCAVATION OPERATIONS. SHOULD UNCHARTED OR INCORRECTLY CHARTED PIPING OR OTHER UTILITIES BE ENCOUNTERED DURING EXCAVATION, CONSULT THE ENGINEER IMMEDIATELY FOR DIRECTIONS.
CONTRACTOR SHALL SUPPORT ALL EXISTING UTILITIES TRAVERSING THROUGH THE EXCAVATION. DO NOT INTERRUPT EXISTING UTILITIES SERVING FACILITIES OCCUPIED AND USED OUTSIDE OF THE PROJECT AREA, EXCEPT WHEN PERMITTED IN WRITING BY THE AFFECTED PARTY AND THEN ONLY AFTER ACCEPTABLE TEMPORARY UTILITY SERVICES HAVE BEEN PROVIDED.
COOPERATE WITH THE OWNER AND THE PUBLIC UTILITY COMPANIES IN KEEPING THEIR RESPECTIVE SERVICES AND FACILITIES IN OPERATION. REPAIR DAMAGED UTILITIES TO THE SATISFACTION OF THE UTILITY OWNER.
17. CONTRACTOR SHALL INSTALL A CONSTRUCTION FENCE, AS NECESSARY, TO KEEP ALL PEDESTRIANS SAFELY AWAY FROM WORK. FENCE SHALL BE 6' HIGH CHAIN LINK FENCE WITH GROUND MOUNTED POSTS OR TEMPORARY POSTS SECURELY ANCHORED.
18. CONTRACTOR LAYDOWN AREAS - CONTRACTOR STAGING, LAYDOWN, AND TRAILER AREAS WILL BE PROVIDED AT THE PROJECT SITE. COORDINATE EXACT LOCATION WITH THE OWNER. PROTECTION OF LAYDOWN AREAS AND STAGING AREAS ARE AS DEEMED NECESSARY BY THE CONTRACTOR. PROVIDE ORANGE CONSTRUCTION FENCE AROUND ALL LAYDOWN AREAS. ALL LAYDOWN AREAS AND STAGING AREAS SHALL BE RESTORED TO ORIGINAL CONDITION PRIOR TO ACCEPTANCE BY THE OWNER.
19. ALL EXCAVATION, CONSTRUCTION, AND BACKFILL TO BE CONSTRUCTED UNDER THIS CONTRACT SHALL BE CONSTRUCTED UNDER DRY CONDITIONS. THE CONTRACTOR SHALL MAINTAIN ALL EXCAVATIONS IN A DE-WATERED, WORKABLE CONDITION, AND PROPER DE-WATERING MEASURES SHALL BE TAKEN AS DICTATED BY FIELD CONDITIONS. THE DISCHARGE OF SEDIMENT LADEN WATERS INTO ANY PUBLIC WATERCOURSE IS STRICTLY PROHIBITED. ALL SEDIMENTS MUST BE REMOVED PRIOR TO DISCHARGE.
20. HAZARDOUS MATERIALS - THE CONTRACTOR SHALL BRING TO THE ATTENTION OF THE ENGINEER AND THE OWNER'S REPRESENTATIVE, ANY MATERIAL ENCOUNTERED DURING EXECUTION OF THE WORK THAT THE CONTRACTOR SUSPECTS IS HAZARDOUS.
21. REPLACEMENT OF DRAIN TILE AND STORM SEWER - ALL DRAIN TILE AND STORM SEWERS DAMAGED, DISTURBED, OR REMOVED AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED WITH THE SAME QUALITY PIPE OR BETTER, MAINTAINING THE SAME GRADIENT AS THE EXISTING. THE DRAIN TILE AND/OR STORM SEWER SHALL BE CONNECTED TO THE CURB SUB-DRAIN, STORM SEWER SYSTEM, OR PROVIDED WITH AN OUTLET INTO THE ROADWAY DITCH AS APPLICABLE. REPLACEMENT DRAIN TILE/STORM SEWER SHALL BE LAID ON COMPACTED BEDDING EQUAL IN DENSITY TO SURROUNDING STRATUM. REPLACEMENT WORK SHALL BE DONE AT THE TIME OF THE BACKFILL OPERATION.
22. SUBGRADE - REFER TO PROJECT GEOTECHNICAL REPORT REGARDING SUBGRADE RECOMMENDATIONS FOR THE PROJECT SITE.
23. OPEN TRENCH EXCAVATION - SLOUGHING AND CAVING OF EXCAVATIONS SHOULD BE ANTICIPATED WHERE SATURATED WEAK SOILS ARE ENCOUNTERED OR WHERE GRANULAR SEAMS AND LAYERS ARE PRESENT. ALL EXCAVATIONS MUST BE PERFORMED WITHOUT ENDANGERING THE CONSTRUCTION WORKERS. THEREFORE, IN ACCORDANCE WITH THE OSHA TRENCH/EXCAVATION REGULATIONS (OSHA 29 CFR PART 1926), FOR ANY EXCAVATIONS EXCEEDING A DEPTH OF 5 FEET IN WHICH WORKERS WILL BE ENTERING THE EXCAVATION/TRENCH, THE EXCAVATION SIDES MUST BE BRACED OR SLOPED TO THE REQUIRED MAXIMUM INCLINATION OR FLATTER (BASED ON THE SOIL TYPE AND STRENGTH).
ANY EXCAVATION INSTALLED USING AN OPEN TRENCH CONSTRUCTION METHOD COULD POTENTIALLY CAUSE DAMAGE TO EXISTING UNDERGROUND UTILITIES, STRUCTURES, OR PAVEMENT CURRENTLY LOCATED IN THE VICINITY OF THE PROPOSED UTILITY ALIGNMENT AND POSITIONED AT HIGHER ELEVATIONS THAN THE PLANNED EXCAVATION DEPTH. THIS WOULD APPLY TO EITHER THE TYPICAL OPEN CUT TRENCH THAT HAS NEAR VERTICAL SIDES OR A TRENCH BOX. THEREFORE, THE LATERAL DISTANCE, DEPTH OF THE EXISTING UTILITY, AND THE PLANNED EXCAVATION DEPTH MUST BE KNOWN TO DETERMINE WHETHER ADJACENT UNDERGROUND UTILITIES COULD BE AFFECTED BY THE EXCAVATION. THE RISK OF LATERAL MOVEMENT WITHIN THE INFLUENCE ZONE INCREASES WITH BOTH THE LENGTH OF THE EXCAVATION AND THE TIME THE TRENCH REMAINS OPEN.
WHERE BRACED EXCAVATIONS ARE REQUIRED, TRENCH EXCAVATIONS SHALL BE DIRECTLY BRACED AT THE TIME OF THE EXCAVATION. THE BRACING MUST BE DESIGNED AS A RIGID SYSTEM WITHOUT DEFLECTION ALONG ITS ENTIRETY, CONSTRUCTED "TIGHT" AGAINST THE RETAINED SOIL. THE BRACING SYSTEM CANNOT BE INSTALLED AFTER THE EXCAVATION IS MADE.
22. TRENCH BACKFILL - TRENCH COMPACTED BACKFILL SHALL BE PER ODOT ITEM 611 & 638.08. COMPACTED GRANULAR MATERIAL IS REQUIRED IN ALL TRENCHES UNDER PAVEMENT AREAS (DRIVEWAYS, STREETS, SIDEWALKS, ETC.) OR WHERE THE FRONT FACE OF TRENCHES PARALLELING THE PAVEMENT, ARE WITHIN 36" OF THE FACE OF CURB OR EDGE OF PAVEMENT. UNLESS SHOWN OTHERWISE ON THE PLANS, THE MATERIAL WILL EXTEND LATERALLY 36" BEYOND THE FACE OF CURB OR EDGE OF PAVEMENT FRO TRENCHES WHICH CROSS THE PAVEMENT. AT ALL POINTS OF CROSSING WATER MAINS OR OTHER SEWERS, THE BACKFILL SHALL BE OF GRANULAR MATERIAL BETWEEN THE DEEPER AND SHALLOWER PIPES.
23. PLAN CHANGES - GRADES AND ELEVATIONS SHOWN ON THE PLANS SHALL NOT BE REVISED UNDER ANY CIRCUMSTANCES WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE ENGINEER. INVERT ELEVATIONS SHALL NOT DEVIATE FROM PLAN ELEVATION BY MORE THAN 0.05 FOOT. FAILING TO MEET THE ABOVE REQUIREMENTS ARE CAUSE FOR REJECTION OF THE AFFECTED SECTION OF SEWER.
DEMOLITION NOTES:
1. CONFIRM EXISTING CONDITIONS PRIOR TO BEGINNING WORK.
2. ALL CLEARING AND, GRUBBING, AND RELATED ACTIVITIES SHALL CONFORM TO ODOT ITEM 201. DISPOSE OF TREES OFF SITE.
3. ALL TREES, SAPLINGS, CROPS, GRASS, OR MONUMENTS LOCATED WITHIN THE WORK AREA WHETHER SHOWN OR NOT SHOWN ON THE DRAWINGS ARE TO BE PRESERVED, UNLESS NOTED TO BE REMOVED OR UNLESS APPROVAL TO REMOVE IS GIVEN IN WRITING BY THE ENGINEER. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY CLAIM FROM DAMAGE TO TREES, SAPLINGS, CROPS, OR GRASSES WHICH MAY OCCUR AS THE RESULT OF THE CONSTRUCTION OPERATIONS, DAMAGE TO SIGNS, FENCES, LAWN AREAS, HEDGES, FLOWERS, SHRUBBERY, ETC. AS A RESULT OF THE CONSTRUCTION SHALL BE RESTORED IN LIKE KIND AND CHARACTER TO THE SATISFACTION OF THE ENGINEER.
4. REMOVE ALL ON-GRADE SITE FEATURES WITHIN THE AREA OF WORK INCLUDING: SIDEWALKS, CURBS, CONCRETE FOUNDATIONS, AND CONCRETE AND ASPHALT PAVEMENT.

- 5. SAW-CUT, FULL DEPTH, EXISTING ASPHALT PAVEMENT AND CONCRETE CURB WHERE NEW WORK ABUTS EXISTING CONSTRUCTION. USE CARE TO SAW-CUT NEAT STRAIGHT LINES. WHEN SAW-CUTTING EXISTING CONCRETE, CUT ALONG EXISTING JOINT LINES WHEREVER POSSIBLE.
6. CONTRACTOR SHALL USE CAUTION TO PROTECT EXISTING SITE FEATURES TO REMAIN. REPLACE ANY DAMAGE AT NO COST TO THE OWNER.
7. LEGALLY DISPOSE OF ALL CONSTRUCTION DEBRIS OFF-SITE IN ACCORDANCE WITH LOCAL CODES. NO ON-SITE BURNING.
8. USE ALL MEANS NECESSARY TO CONTROL DUST ON-SITE AND PREVENT TRACKING SOIL OFF-SITE.
9. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR EXISTING BUILDING AND/OR STRUCTURES DEMOLITION AND PROTECTION.
EARTHWORK & GRADING NOTES:
1. NO CONSTRUCTION WORK WILL BE PERMITTED WITHOUT APPROVED PLANS AND INSPECTION.
2. ALL PAVEMENT ELEVATIONS REFER TO FINISHED PAVEMENT ELEVATION AT FACE OF CURB UNLESS OTHERWISE NOTED. ALL DIMENSIONS AND COORDINATES ARE TO FACE OF CURB OR FACE OF BUILDING, UNLESS OTHERWISE NOTED.
3. THE CONTRACTOR SHALL LIMIT THE DISTURBED AREA AS MUCH AS POSSIBLE.
4. ALL GRADING OPERATIONS SHALL BE CONDUCTED IN A MANNER TO MINIMIZE THE POTENTIAL FOR SITE EROSION. EROSION CONTROL SHALL BE INSTALLED TO PREVENT SEDIMENT FROM RUNNING OFF ONTO ADJACENT PROPERTIES. ANY DAMAGE TO ADJACENT PROPERTIES MUST BE CORRECTED AND RESTORED, AT NO COST TO THE OWNER, AS SOON AS PERMISSION IS GRANTED FROM THE ADJACENT PROPERTY OWNER(S).
5. SOIL EROSION AND SEDIMENTATION BMP MEASURES SHALL BE INSTALLED PRIOR TO START OF ANY CONSTRUCTION AND SHALL BE MAINTAINED AT ALL TIMES UNTIL CONSTRUCTION HAS BEEN COMPLETED, INCLUDING ALL GRASS BEING WELL ESTABLISHED AND/OR PERMANENT EROSION AND SEDIMENTATION BMP MEASURES IN PLACE. ALL BMP MEASURES SHALL BE TO THE SATISFACTION OF THE LOCAL AUTHORITY AND OHIO EPA.
6. USE ALL MEANS NECESSARY TO CONTROL DUST ON THE SITE AND PREVENT TRACKING SOIL OFF-SITE. CONTRACTOR SHALL, AT THE END OF EACH WORKING DAY, CLEAN ALL DIRT AND SEDIMENT TRACKED ONTO THE STREETS.
7. REMOVE SEDIMENT FROM DETENTION AREAS, OUTLET STRUCTURES, AND ALL UNDERDRAINS ONCE FINAL SEED HAS BEEN ESTABLISHED.
8. CONTRACTOR SHALL STRIP AND STOCKPILE EXISTING TOPSOIL THROUGHOUT THE SITE PRIOR TO EXCAVATION. UPON COMPLETION OF FINAL GRADING, PROVIDE 6" OF TOPSOIL AND SEED ALL AREAS DISTURBED BY CONSTRUCTION, INCLUDING LAYDOWN AREAS AND TRAILER LOCATIONS, IF LOCATED OUTSIDE THE GRADING/SEEDING LIMITS.
9. EXCAVATION AND EMBANKMENT SHALL COMPLY WITH ODOT ITEM 205 AND LOCAL AUTHORITY REQUIREMENTS.
10. THE CONTRACTOR'S BID SHALL BE COMPREHENSIVE AND INCLUDE ALL LABOR AND EQUIPMENT TO COMPLETE ALL EXCAVATION, FILL AND GRADING IN ACCORDANCE WITH THE APPROVED ENGINEERING PLANS AND SPECIFICATIONS.
11. EXCAVATION AND EMBANKMENT QUANTITIES DO NOT INCLUDE ANY PROVISION FOR UNDERCUTTING, FOOTINGS, OR UNSUITABLE MATERIAL.
12. 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.
13. THE INTENT IS TO STRIP AND SALVAGE TOPSOIL FOR POTENTIAL RE-SPREADING ON THE SITE, IF APPROVED BY THE LANDSCAPE ARCHITECT AND/OR SPECIFICATIONS. TOPSOIL - AFTER COMPACTION - SHALL BE RE-SPREAD PRIOR TO SEEDING AND MULCHING. EXCESS TOPSOIL MAY BE REMOVED FROM THE SITE PROVIDING THERE IS ADEQUATE TOPSOIL REMAINING TO PROPERLY FINISH THE SITE AS NOTED ABOVE. THE CONTRACTOR SHALL REFER TO THE LANDSCAPE DRAWINGS AND SPECIFICATIONS FOR ANY SPECIAL TOPSOIL OR PLANTING REQUIREMENTS.
14. AFTER THE TOPSOIL IS REMOVED, PROOFROLL THE PAVEMENT AND BUILDING AREA SUBGRADES TO BE FILLED. SOFT AREAS SHOULD BE UNDERCUT AND STABILIZED PRIOR TO FILLING OPERATIONS. RELATIVE DEPTH OF UNDERCUT WILL BE DETERMINED WHEN SOFT AREAS ARE DISCOVERED. THE LOCAL AUTHORITY SHALL DETERMINE THE DEPTH AND EXTENT OF THE UNDERCUT.
15. TOPSOIL MIX AND DEPTHS SHALL BE PER LANDSCAPE DRAWINGS.
16. THE EARTHWORK FOR ALL BUILDING FOUNDATIONS AND SLABS SHALL BE IN ACCORDANCE WITH ARCHITECTURAL BUILDING PLANS AND SPECIFICATIONS AND GEOTECHNICAL REPORT.
17. 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 II ACCORDING TO ITEM 613. ITEM 911 OF THE STANDARD SPECIFICATIONS SHALL BE USED ELSEWHERE.
18. ALL WET OR OTHERWISE UNSUITABLE SOILS MUST BE STABILIZED PRIOR TO PAVEMENT CONSTRUCTION. THIS MAY BE ACCOMPLISHED BY DRYING, REMOVAL & REPLACEMENT, DRYING & RE-COMPACTION, OR SOIL TREATMENT (LIME/CEMENT). MEANS AND METHODS SHALL BE DETERMINED BY OWNER'S TESTING AGENCY.
19. EXPOSE UTILITIES PRIOR TO BEGINNING WORK ON THAT UTILITY TO DETERMINE EFFECTS ON THE PROPOSED ALIGNMENT AND PROFILE. REPORT ELEVATION AND LOCATION TO THE ENGINEER IN ORDER THAT ANY CORRECTIONS TO THE ELEVATION AND LOCATION CAN BE MADE.
20. CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS.
21. ALL CONCRETE ADJACENT TO BUILDING SHALL BE SLOPED AWAY FROM BUILDING AT 2.0% UNLESS OTHERWISE NOTED.
22. PROVIDE POSITIVE DRAINAGE FROM BUILDINGS AT ALL TIMES.
23. HANDICAP PARKING AREAS SHALL NOT HAVE SLOPES IN ANY DIRECTION THAT EXCEED 2%.
24. ROOF DRAINS, FOUNDATION DRAINS, AND OTHER CLEAN WATER CONNECTION TO THE SANITARY SEWER ARE PROHIBITED.
25. ALL INLETS SHALL BE CHANNELIZED.
26. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT AND SHALL HAVE TRAFFIC BEARING RINGS & COVERS.
27. ALL EXISTING VALVES, MANHOLES, AND OTHER APPURTENANCES TO REMAIN LOCATED WITHIN THE WORK LIMITS SHALL BE ADJUSTED TO FINISHED GRADE.
28. MAXIMUM FINISH SLOPES SHALL BE 4:1, UNLESS OTHERWISE NOTED. FOR SLOPES 3:1 OR

- GREATER PROVIDE EROSION CONTROL MATTING PER DETAILS PROVIDED.
29. ALL DOWNSPOUT LEADER STORM SEWER CONNECTIONS SHALL BE 6" WITH A MINIMUM SLOPE OF 1.20% OR AS OTHERWISE NOTED.
30. NO LANDSCAPED SLOPES ARE TO EXCEED 4:1 (4 FEET HORIZONTAL TO 1 FOOT VERTICAL) UNLESS NOTED OTHERWISE.
UTILITY
1. OBTAIN ALL PERMITS AND PAY ALL FEES NECESSARY TO COMPLETE THE WORK AS SHOWN.
2. ALL EXCAVATIONS, CONSTRUCTION, AND BACKFILL OF PIPES SHALL BE CONSTRUCTED UNDER DRY CONDITIONS. THE CONTRACTOR SHALL MAINTAIN ALL EXCAVATIONS IN A DE-WATERED, WORKABLE CONDITION, AND SHALL BE RESPONSIBLE FOR INSTALLING, OPERATING, AND MAINTAINING SUCH DE-WATERING SYSTEMS AS ARE REQUIRED.
3. SUPPORT AND PROTECT ALL UTILITIES EXPOSED DURING EXCAVATION AND TRENCHING.
4. 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.
5. 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 BEXLEY 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.
6. WHERE PLANS PROVIDE FOR A PROPOSED UTILITY TO BE CONNECTED TO, OR CROSS OVER OR UNDER AN EXISTING UNDERGROUND SEWER OR UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING PIPES OR UTILITIES BOTH AS TO LINE AND GRADE BEFORE STARTING TO LAY THE PROPOSED UTILITY. THESE LOCATIONS ARE NOTED ON THE PLANS AS "EXPOSE."
IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT, OR EXISTING APPURTENANCE TO BE CONNECTED, DIFFERS FROM THE PLAN ELEVATION OR RESULTS IN A CHANGE IN THE PLAN CONDUIT SLOPE, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.
IF IT IS DETERMINED THAT THE PROPOSED CONDUIT WILL INTERSECT AN EXISTING SEWER OR UNDERGROUND UTILITY IF CONSTRUCTED AS SHOWN ON THE PLAN, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY.
7. COORDINATE SERVICE CONNECTION LOCATIONS AT THE BUILDING WITH THE PLUMBING CONTRACTOR PRIOR TO CONSTRUCTION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR UNCOORDINATED WORK.
8. CONTRACTORS SHALL COORDINATE ALL WORK WITH GAS, ELECTRIC, TELEVISION, AND TELEPHONE COMPANIES PRIOR TO START OF CONSTRUCTION.
9. ALL AREAS DISTURBED BY UTILITY CONSTRUCTION SHALL BE RESTORED TO ITS ORIGINAL CONDITION TO THE SATISFACTION OF THE OWNER. CONTRACTOR SHALL SAW-CUT EXISTING PAVEMENT AT LIMITS OF REMOVAL. PAVEMENT AND CURB REPLACEMENT SHALL CONFORM TO LOCAL AUTHORITY CONSTRUCTION STANDARDS.
10. ALL SIGNS, POLES, BENCHES, FLOWER BEDS, BRICK PAVERS AND ANY OTHER SITE FEATURE REQUIRING REMOVAL DUE TO CONSTRUCTION ACTIVITIES SHALL BE STORED ON-SITE AND RE-INSTALLED BY THE CONTRACTOR UPON COMPLETION OF CONSTRUCTION ACTIVITIES.
11. ALL UTILITIES SHALL BE INSPECTED AND APPROVED PRIOR TO BACKFILLING.
12. AT ALL POINTS OF CROSSING WATER MAINS OR OTHER SEWERS, THE BACKFILL SHALL BE GRANULAR MATERIAL BETWEEN THE DEEPER AND SHALLOWER PIPES.
13. CONTRACTOR SHALL COORDINATE CONNECTION TO EXISTING SANITARY SEWER WITH THE LOCAL AUTHORITY.
14. CONTRACTOR SHALL COORDINATE CONNECTION TO EXISTING WATER MAIN WITH THE LOCAL AUTHORITY.
15. MAINTAIN MINIMUM 48" COVER OVER ALL WATER LINES
16. MAINTAIN MINIMUM 30" COVER OVER ALL GAS LINES
17. MAINTAIN MINIMUM 18" VERTICAL CLEARANCE FROM THE OUTSIDE OF ANY WATERLINE PIPE TO THE OUTSIDE OF ANY STORM OR SANITARY SEWER.
18. PROVIDE THRUST BLOCKS OR RESTRAINED MECHANICAL JOINT PIPE AT EACH VALVE, TEE, FITTING, OR CHANGE IN DIRECTION OF WATERLINE, UNLESS OTHERWISE NOTED.
19. REFER TO THE LOCAL AUTHORITY STANDARD DRAWINGS FOR TYPICAL FIRE HYDRANT INSTALLATION DETAILS.
20. CONNECTION TO EXISTING WATER MAINS SHALL NOT BE PERFORMED UNTIL THE NEW LINES HAVE BEEN SANITIZED AND ALL TESTS HAVE BEEN COMPLETED AS SPECIFIED BY THE LOCAL AUTHORITY.
21. ANY REQUIRED WATERLINE SHUT-DOWNS SHALL BE COORDINATED WITH THE LOCAL AUTHORITY.
22. PROVIDE THRUST BLOCKS OR RESTRAINED MECHANICAL JOINT PIPE AT EACH VALVE, TEE, FITTING, OR CHANGE IN DIRECTION OF WATERLINE, UNLESS OTHERWISE NOTED.
23. GAS TAP, SERVICE LINE, CURB BOX, AND METER SETTING BY UTILITY PROVIDER. SITE CONTRACTOR TO PROVIDE AND INSTALL GAS SERVICE LINE FROM METER SETTING TO A POINT 5'-0" OUTSIDE OF BUILDING. PLUMBING CONTRACTOR TO INSTALL SERVICE LINE FROM 5'-0" OUTSIDE OF BUILDING FACE TO GAS SERVICE FOR BUILDING. CONTRACTOR TO COORDINATE WITH UTILITY PROVIDER.



CONSTRUCTION DOCUMENTS FOR OHIO STATE BANK CITY OF BEXLEY, FRANKLIN COUNTY, OHIO GENERAL NOTES

Table with 4 columns: REVISIONS, DATE, SHEET NO., DESCRIPTION, APPROVED, DATE

Table with 2 columns: DATE, DRAWN BY, CHECKED BY, JOB NUMBER

C002

ADD Bexley STD Notes For Private Development