

GENERAL NOTES:

- CITY OF COLUMBUS AND OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS, CURRENT EDITIONS, AND ANY SUPPLEMENTS THEREOF (HEREINAFTER REFERRED TO AS STANDARD SPECIFICATIONS), SHALL GOVERN ALL CONSTRUCTION ITEMS UNLESS OTHERWISE NOTED. IF A CONFLICT BETWEEN SPECIFICATIONS IS FOUND, THE STANDARD SPECIFICATION WILL ALWAYS DECIDE BY THE CITY ENGINEER. ITEM NUMBERS REFER TO CITY OF COLUMBUS ITEM NUMBERS UNLESS OTHERWISE NOTED.
 - THE CITY ENGINEER WILL NOT BE RESPONSIBLE FOR MEANS, METHODS, PROCEDURES, TECHNIQUES, OR EQUIPMENT USED IN 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 CONTINUED 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 CONSTRUCTION DRAWINGS.
 - THE CONTRACTOR SHALL RESTRICT CONSTRUCTION ACTIVITY TO PUBLIC RIGHT-OF-WAY AND AREAS DEFINED AS PERMITTED CONSTRUCTION EASEMENTS, UNLESS OTHERWISE AUTHORIZED BY THE CITY ENGINEER.
 - THE CONTRACTOR SHALL CAREFULLY PRESERVE BENCHMARKS, PROPERTY CORNERS, REFERENCED POINTS AND OTHER SURVEY REFERENCE POINTS OR MARKERS. IN CASES OF WILLFUL OR CARELESS DESTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESETTING OR MARKERS SHALL BE REPERFORMED 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 ORIGINAL 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 91.38 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 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 TO MEET THE STANDARD SPECIFICATIONS OR FLOWABLE CUR, TYPE III ACCORDING TO ITEM 636, 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
1800 EAST 17TH AVENUE
COLUMBUS, OHIO 43219
- SEND A COPY OF THE TRANSMITTAL LETTER TO THE FOLLOWING ADDRESS:
DIVISION OF ENGINEERING
CITY OF DUBLIN
5800 SHIER 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. FILL 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 AT A MINIMUM 15 FEET FROM THE TREE TRUNK. TREES 6 - 12 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 DRIVES NOT PERMITTED. PERMITS REQUIRED FOR CONSTRUCTION IN ANY CITY STREET. EXISTING STREETS MUST BE OBTAINED FROM THE CITY OF DUBLIN DIVISION OF ENGINEERING BEFORE COMMENCING CONSTRUCTION. CONSTRUCTION SHOULD NOT EXISTING PAVEMENT BE PERMITTED, CONTROLLED DENSITY BACKFILL (TYPE III) SHALL BE USED IN PLACE OF COMPACTED GRANULAR BACKFILL, ACCORDING TO ITEM 636 OF THE STANDARD SPECIFICATIONS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONDITION OF TRENCHES WITHIN THE RIGHT-OF-WAY AND PUBLIC EASEMENTS. THE PERIOD OF TIME 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 PENNUNGY BLUEGRASS: 40% OF WEIGHT (2 VARIETIES IN EQUAL PARTS)
IMPROVED KENTUCKY KY-30S OF WEIGHT (2 VARIETIES IN EQUAL PARTS)
GERMINATION RATE: 85%
SEED APPLICATION RATE: 7 LBS PER 1000 SQ FT OR AS DIRECTED BY THE DIVISION OF PARKS AND RECREATION, CITY OF DUBLIN, OHIO.
 - TRAFFIC CONTROL AND OTHER REGULATORY SIGNS SHALL BE TYPE 5 WITH A SQUARE POST ANCHOR BASE INSTALLATION AND MEET ALL REQUIREMENTS OF ODOT TC-41-20 AND APPLICABLE CITY OF DUBLIN SPECIFICATIONS.
 - STREET SIGNS SHALL MEET ALL CITY OF DUBLIN SPECIFICATIONS WITH LETTERING AND MOUNTING IN WHITE DISPLAYED OVER A BROWN BACKGROUND. SIGN TUBING SHALL BE BROWN IN COLOR AND CONFORM WITH THE TYPE 5, 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:
- | UTILITY: | OWNER: | TELEPHONE: |
|-------------------------|--|----------------|
| FIRE HYDRANTS & SEWERS: | CITY OF DUBLIN
5800 SHIER-RINGS ROAD
DUBLIN, OHIO 43016 | (614) 410-4600 |
| WATER FACILITIES: | CITY OF COLUMBUS
(DIVISION OF WATER)
910 DUBLIN ROAD
COLUMBUS, OHIO 43215 | (614) 645-7788 |
| GAS: | COLUMBIA GAS OF OHIO
9220 GARDNER BLVD.
COLUMBUS, OHIO 43212 | (614) 460-2079 |
| CABLE TV: | WARNER CABLE
1000 W. BURLINGHAM ROAD
COLUMBUS, OHIO 43215 | (614) 481-5000 |
| TELEPHONE: | AMERITECH
150 E. GAY ST., ROOM 6C
COLUMBUS, OHIO 43212 | (614) 223-8262 |
| ELECTRICITY: | AMERICAN ELECTRIC POWER
COLUMBUS DIVISION
100 N. FRONT ST.
COLUMBUS, OHIO 43215 | (614) 464-7253 |

- THE CONTRACTOR SHALL GIVE NOTICE OF INTENT TO CONSTRUCT TO OHIO UTILITIES PROTECTION SERVICE (TELEPHONE NUMBER 614-587-0486), AND TO OWNERS OF THE UNDERGROUND UTILITIES (E.G. MEMBER OF THE 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. THIS PLAN MUST BE MAINTAIN AVAILABLE 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.

EROSION AND SEDIMENT CONTROL

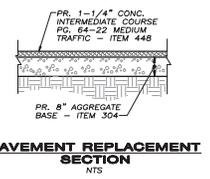
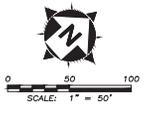
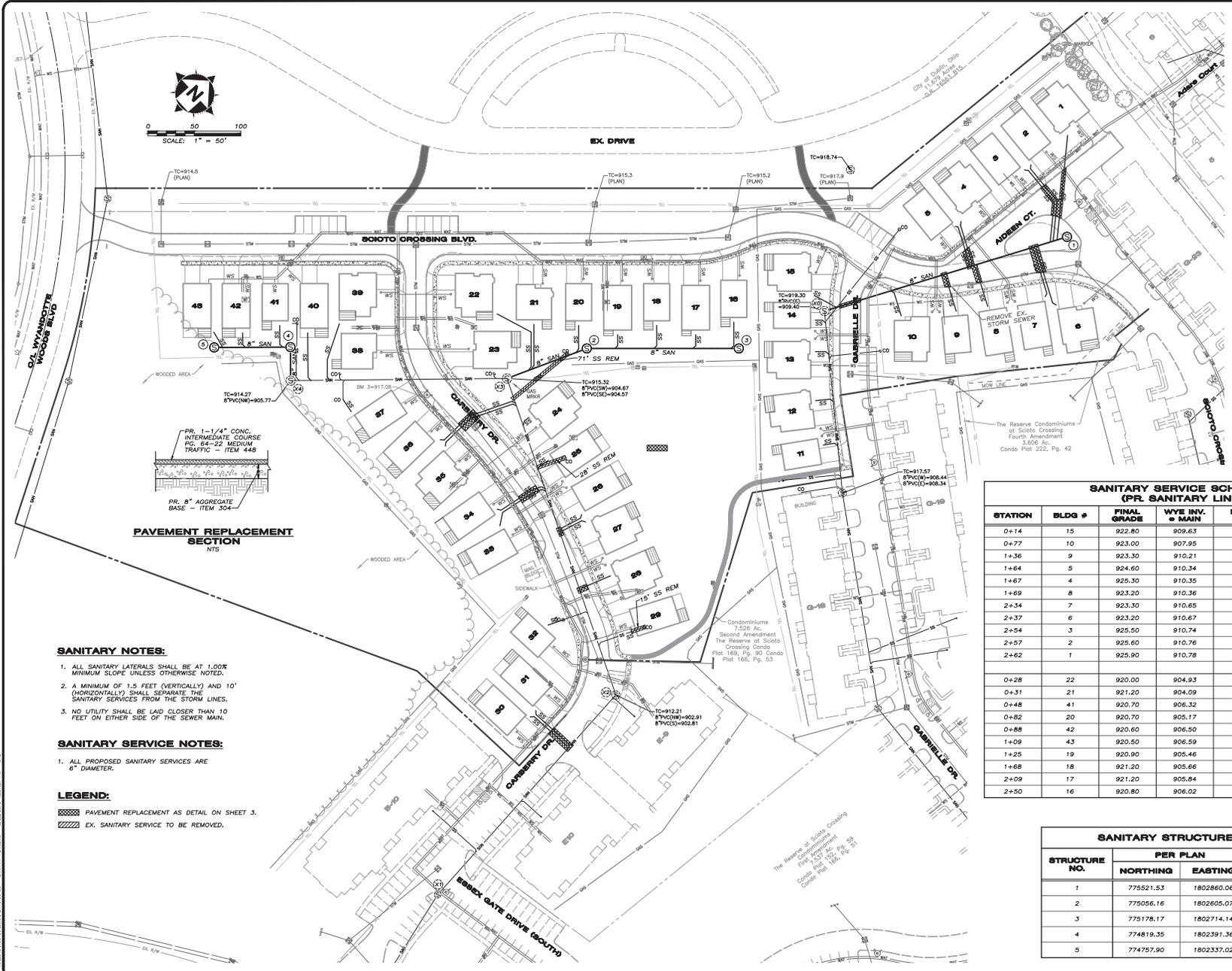
- THE CONTRACTOR OR DEVELOPER IS RESPONSIBLE FOR SUBMITTING A NOTICE OF INTENT (NOI) TO BE REVIEWED AND APPROVED BY THE OHIO EPA. THE NOI MUST BE SUBMITTED TO EPA 45 DAYS PRIOR TO THE START OF CONSTRUCTION AND MAY ENTITILE COVERAGE UNDER THE OHIO EPA GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED 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 BARRIERS, SILT FILTER FENCE, AGROGRASS CHECK DAMS, AND TEMPORARY GROUND COVER, MAY OR STRAW BALE MATS 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 WITH SEVEN CALENDAR DAYS OF THE DISTURBANCE. OTHER SEDIMENT CONTROLS THAT ARE INSTALLED SHALL BE MAINTAINED UNTIL VEGETATIVE GROWTH HAS BEEN ESTABLISHED. THE PERMITS HAVE BEEN MET. THE DEVELOPER IS RESPONSIBLE FOR THE REMOVAL OF ALL TEMPORARY SEDIMENT DEVICES AT THE CONCLUSION OF CONSTRUCTION BUT NOT BEFORE THE END OF PERMANENT GROUND.

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 TO WASHINGTON TOWNSHIP FIRE DEPARTMENT, 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 DEPA PERMIT TO INSTALL (PTI), AND UPON RECEIVING A SATISFACTORY REVIEW 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 FOR WASTEWATER FACILITIES.
- 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 TRANSPORTATION STANDARD SPECIFICATIONS, AND THE LAKES-UPPER MISSISSIPPI RIVER BOARD (TEN STATES) - RECOMMENDED STANDARDS FOR WASTEWATER FACILITIES.
- THE MINIMUM REQUIREMENTS FOR SANITARY SEWER PIPE WITH DIAMETERS 15 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 18 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 24 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 30 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 36 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 42 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 48 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 54 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 60 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 66 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 72 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 78 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 84 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 90 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 96 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 102 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 108 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 114 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 120 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 126 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 132 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 138 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 144 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 150 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 156 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 162 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 168 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 174 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 180 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 186 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 192 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 198 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 204 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 210 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 216 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 222 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 228 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 234 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 240 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 246 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 252 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 258 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 264 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 270 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 276 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 282 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 288 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 294 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 300 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 306 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 312 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 318 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 324 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 330 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 336 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 342 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 348 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 354 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 360 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 366 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 372 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 378 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 384 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 390 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 396 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 402 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 408 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 414 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 420 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 426 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 432 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 438 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 444 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 450 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 456 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 462 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 468 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 474 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 480 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 486 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 492 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 498 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 504 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 510 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 516 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 522 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 528 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 534 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 540 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 546 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 552 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 558 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 564 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 570 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 576 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 582 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 588 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 594 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 600 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 606 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 612 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 618 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 624 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 630 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 636 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 642 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 648 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 654 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 660 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 666 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 672 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 678 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 684 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 690 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 696 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 702 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 708 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 714 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 720 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 726 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 732 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 738 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 744 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 750 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 756 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 762 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 768 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 774 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 780 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 786 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 792 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 798 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 804 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 810 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 816 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 822 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 828 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 834 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 840 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 846 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 852 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 858 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 864 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 870 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 876 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 882 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 888 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 894 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 900 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 906 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 912 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 918 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 924 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 930 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 936 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 942 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 948 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 954 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 960 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 966 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 972 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 978 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 984 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 990 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 996 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1002 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1008 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1014 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1020 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1026 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1032 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1038 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1044 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1050 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1056 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1062 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1068 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1074 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1080 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1086 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1092 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1098 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1104 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1110 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1116 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1122 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1128 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1134 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1140 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1146 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1152 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1158 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1164 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1170 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1176 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1182 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1188 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1194 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1200 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1206 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1212 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1218 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1224 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1230 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1236 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1242 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1248 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1254 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1260 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1266 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1272 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1278 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1284 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1290 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1296 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1302 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1308 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1314 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC PIPE WITH DIAMETER 1320 INCHES AND SMALLER SHALL BE REINFORCED CONCRE



- SANITARY NOTES:**
- ALL SANITARY LATERALS SHALL BE AT 1.00% MINIMUM SLOPE UNLESS OTHERWISE NOTED.
 - A MINIMUM OF 1.5 FEET (VERTICALLY) AND 10' (HORIZONTALLY) SHALL SEPARATE THE SANITARY SERVICES FROM THE STORM LINES.
 - NO UTILITY SHALL BE LAID CLOSER THAN 10 FEET ON EITHER SIDE OF THE SEWER MAIN.
- SANITARY SERVICE NOTES:**
- ALL PROPOSED SANITARY SERVICES ARE 6" DIAMETER.

- LEGEND:**
- [Hatched pattern] PAVEMENT REPLACEMENT AS DETAIL ON SHEET 3.
 - [Dashed line] EX. SANITARY SERVICE TO BE REMOVED.

SANITARY SERVICE SCHEDULE (EX. SANITARY LINE)

BLDG #	SERVICE LENGTH
11	16'
12	19'
13	15'
14	11'
23	EX.
24	10'
25	13'
26	32'
27	32'
28	40'
29	EX.
30	55'
31	55'
32	19'
33	68'
34	60'
35	95'
36	95'
37	15'
38	EX.
39	63'
40	40'

SANITARY SERVICE SCHEDULE (PR. SANITARY LINE)

STATION	BLDG #	FINAL GRADE	WYE INV. @ MAIN	ELEV. @ BOS	SERVICE LENGTH	RISER
0+14	15	922.80	909.63	910.8	27	0
0+77	10	923.00	907.95	911.6	28	0
1+36	9	923.30	910.21	911.3	40	0
1+64	5	924.60	910.34	912.6	48	0
1+67	4	925.30	910.35	913.3	50	0
1+69	8	923.20	910.36	911.2	45	0
2+34	7	923.30	910.65	911.3	55	0
2+37	6	923.20	910.67	911.4	67	0
2+54	3	925.50	910.74	913.5	88	0
2+57	2	925.60	910.76	913.6	88	0
2+62	1	925.90	910.78	913.9	108	0
0+28	22	920.00	904.93	908.8	78	0
0+31	21	921.20	904.09	909.2	46	0
0+48	41	920.70	906.32	908.7	23	0
0+82	20	920.70	905.17	907.7	28	0
0+88	42	920.60	906.50	908.6	16	0
1+09	43	920.50	906.59	908.5	18	0
1+25	19	920.90	905.46	908.9	15	2
1+68	18	921.20	905.66	909.2	24	1
2+09	17	921.20	905.84	909.2	14	2
2+50	16	920.80	906.02	908.8	23	0

SANITARY STRUCTURE COORDINATES

STRUCTURE NO.	PER PLAN		AS-BUILT	
	NORTHING	EASTING	NORTHING	EASTING
1	775521.53	1802860.06		
2	775056.16	1802605.07		
3	775178.17	1802714.14		
4	774819.35	1802391.36		
5	774757.90	1802337.02		

CT Consultants
engineers | architects | planners
Northwest Building - 708 S. High Street - Suite 308, Columbus, Ohio 43215
Phone: 614.663.7700 - Fax: 614.663.7701 - www.ctconsultants.com

ESTATES AT SCIOTO CROSSING SECTION/PHASES - CLIENT NAME -

SANITARY PLAN

PROJECT NO: **150456**

DRAWING NAME: **SAN-PLN**

SHEET **3** OF **4**

DATE: _____

REVISION: _____

NO. _____

DRAWING SCALE: _____

DESIGNED BY: _____

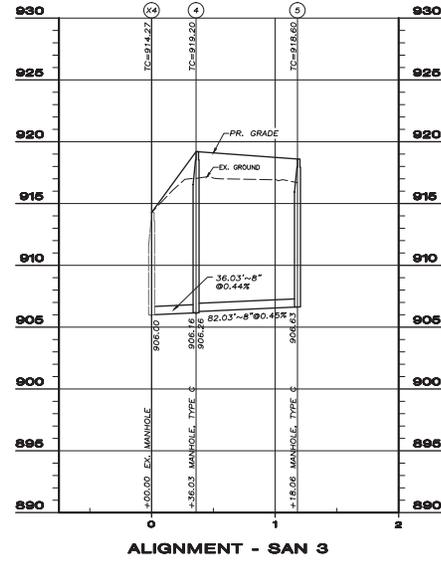
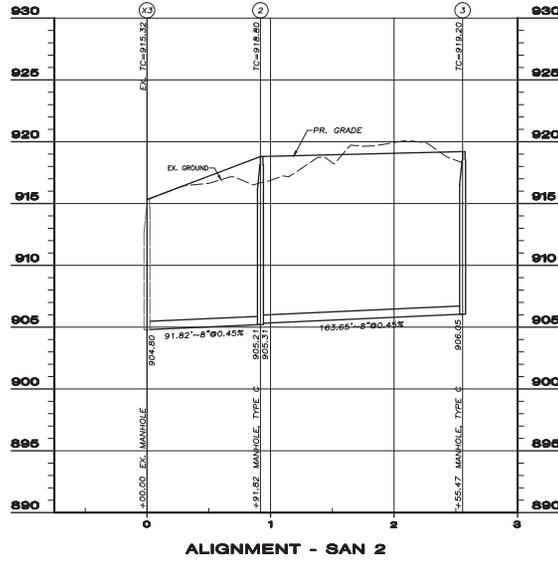
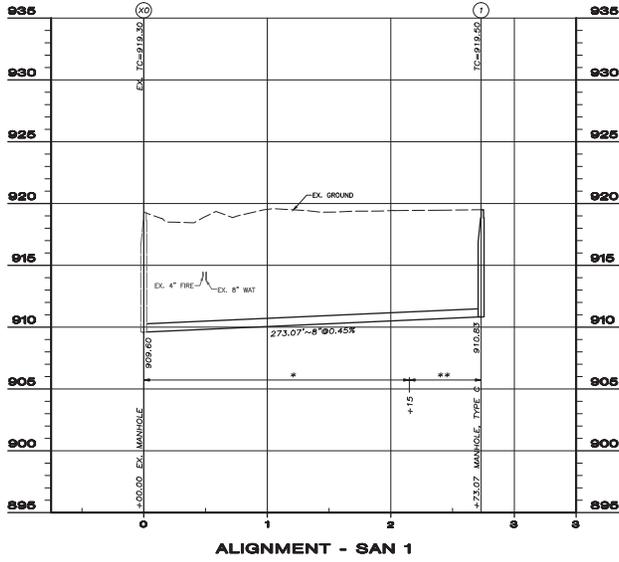
CHECKED BY: _____

DRAWN BY: _____

DATE: 6/20/15

SCALE: 1" = 50'

I:\DATA\10448\10448\PLAN\10446 - SANITARY PROFILES - 6/22/2015 8:32:24 PM - BMS



* COMPACTED BACKFILL PER ITEM 911
 ** COMPACTED GRANULAR BACKFILL PER ITEM 912

ESTATES AT SCIOTO CROSSING
SECTION/PHASES
- CLIENT NAME -
SANITARY PROFILES

PROJECT NO:	
150466	
DRAWING NAME	
SAN-PROF	
SHEET	OF
4	4

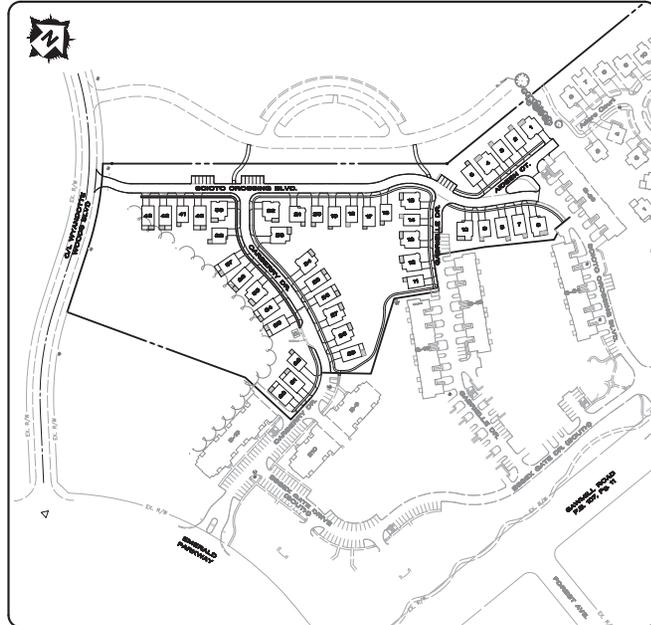
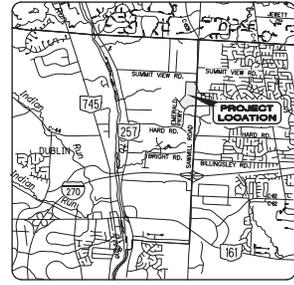
NO.	REVISION	DATE

CT Consultants

engineers | architects | planners

Northwest Building - 708 S. High Street - Suite 300, Columbus, Ohio 43215
Phone: 614.683.7700 - Fax: 614.683.7701 - www.ctconsultants.com

- SITE IMPROVEMENT PLAN FOR - ESTATES AT SCIOTO CROSSING CITY OF DUBLIN, FRANKLIN COUNTY, OHIO 2015



ESTIMATE OF QUANTITIES			
ITEM	DESCRIPTION	UNIT	QUANTITY
ROADWAY - COMMON			
202	EX. CATCH BASIN REMOVED	EA	1
202	EX. STORM PIPE REMOVED	LF	87
202	EX. PAVEMENT REMOVED	SY	5356
259	PERMANENT PAVEMENT REPLACEMENT	CY	33
448	ASPHALT CONCRETE - SURFACE COURSE (MED. TRAFFIC) TYPE 1, P.G. 64-22	CY	5316
608	ASPHALT BIKE PATH	SF	2954
609	6" EXTRUDED CURB	LF	4003
WATERLINE			
805	3/4" WATER SERVICE TAP COMPLETE	EA	43
809	FIRE HYDRANT RECONSTRUCTED	EA	1
SPEC	EX. WATER SERVICE REMOVED	LF	891
EROSION CONTROL			
832	INLET PROTECTION - DANDY BAG	EA	16
832	SILT FENCE	LF	770
832	TEMPORARY SEEDING & MULCHING	LS	1
832	CONCRETE WASHOUT	EA	1

OWNER/DEVELOPER
T&R PROPERTIES
3895 STONERIDGE LANE
DUBLIN, OH 43017
RON SABATINO
RSABATINO@TRPROP.COM
VOICE: 614-923-4000

ENGINEER
CT CONSULTANTS
7965 N. HIGH STREET
SUITE 340
COLUMBUS, OHIO 43235
ATTN: JAMES M. BARRY
VOICE: 614-885-1700
FAX: 614-885-1701

APPROVALS:

ENGINEER, CITY OF DUBLIN, OHIO _____ DATE _____

DIRECTOR OF DEVELOPMENT, CITY OF DUBLIN, OHIO _____ DATE _____

NOTE: APPROVAL ON THE PART OF THE CITY OF COLUMBUS IS GIVEN PURSUANT TO THE PROVISIONS OF THE WATER SERVICE AGREEMENT WITH THE CITY OF DUBLIN, OHIO DATED APRIL 13, 1993, AND ALL SUBSEQUENT AMENDMENTS THEREOF.

ADMINISTRATOR, DIVISION OF WATER
CITY OF COLUMBUS, OHIO _____ DATE _____

DIRECTOR, DEPARTMENT OF PUBLIC UTILITIES
CITY OF COLUMBUS, OHIO _____ DATE _____

SIGNATURES ABOVE SIGNIFY ONLY CONCURRENCE WITH THE GENERAL PURPOSES AND GENERAL LOCATION OF THE PROJECT. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE ENGINEER PREPARING THE PLAN.

LOCATION MAP
SCALE: 1"=150'

BENCH MARKS (NAVD 1988)

BM1:
SPIKE FOUND IN EAST SIDE OF POWER POLE. 1ST POLE SOUTH OF PROPERTY
WYANDOTTE WOODS BLVD. EL=918.24

BM2:
1" CUT IN FLANGE BOLT OF FIRE HYDRANT. 1ST HYDRANT EAST OF POWERLINE
ON THE SOUTH SIDE OF WYANDOT ROAD. EL=948.86

BM3:
1" CUT IN FLANGE BOLT OF FIRE HYDRANT ON THE SOUTH SIDE OF CARRERY
DRIVE APPROXIMATELY 160' EAST OF SCIOTO CROSSING BOULEVARD. EL=956.28



SOURCE OF TOPOGRAPHY:
ONE FOOT CONTOUR INTERVAL BY CT CONSULTANTS FIELD CREW JUNE 14, 2015.

UNDERGROUND UTILITIES:
UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED ON FIELD MARKINGS (BY OTHERS) AND AVAILABLE RECORDS, AND AS SUCH, SHOULD BE FIELD VERIFIED PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY.

LIST OF DRAWINGS	
1	COVER SHEET
2	GENERAL NOTES
3	STANDARD DETAILS
4	PAVEMENT DEMOLITION PLAN
5	SITE DIMENSION PLAN
6	UTILITY SERVICE PLAN
7	GRADING PLAN
8	SWPPP PLAN
9	SWPPP NOTES & DETAILS

LIST OF STANDARD DRAWINGS:
THE STANDARD DRAWINGS LISTED ON THESE PLANS SHALL BE CONSIDERED A PART THEREOF.

CITY OF DUBLIN	CITY OF COLUMBUS
MD-01	L-1001
MD-02	L-1004
	L-6306
	L-6309A
	L-6309B
	L-6310
	L-6311
	L-6312
	L-6313
	L-6317D
	L-6640
	L-9001
	L-7102A
	L-7102B
	L-7102C
	L-8503
	L-8503E
	L-9901

1441 DR. A

DESIGN ENGINEER:
THIS IS TO CERTIFY THAT GOOD ENGINEERING PRACTICES HAVE BEEN UTILIZED IN THE DESIGN OF THIS PROJECT AND IN OUR OPINION AND TO THE BEST OF OUR KNOWLEDGE THAT ALL MINIMUM STANDARDS AS DELINEATED IN THE CITY OF DELAWARE ENGINEERING AND SURVEYING STANDARDS FOR "SUBDIVISION DEVELOPMENT" HAVE BEEN MET, INCLUDING THOSE STANDARDS GREATER THAN MINIMUM WHERE, IN OUR OPINION, THEY ARE NEEDED TO PROTECT THE SAFETY OF THE PUBLIC.

JAMES M. BARRY, PE NO. E-52696

DATE _____

CT Consultants
engineers | architects | planners
Northwest Building - 7965 N. High Street - Suite 340, Columbus, Ohio 43235
Phone: 614.885.1700 - Fax: 614.885.1701 - www.ctconsultants.com

ESTATES AT SCIOTO CROSSING
SECTION/PHASES - CLIENT NAME -
COVER SHEET

DATE	REVISION	NO.	DRAWING SCALE	ISSUES	DATE	PREPARED BY	DRAWN BY	CHECKED BY
			N/A		6/20/15	JMB	BJK	JMB

PROJECT NO:
150466

DRAWING NAME
COVER-SHT

SHEET OF
1 9

GENERAL NOTES:

1. CITY OF COLUMBUS AND OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS, CURRENT EDITIONS, AND ANY SUPPLEMENTS THERETO (HEREINAFTER REFERRED TO AS STANDARD SPECIFICATIONS), SHALL GOVERN ALL CONSTRUCTION ITEMS UNLESS OTHERWISE NOTED. IF A CONFLICT BETWEEN SPECIFICATIONS IS FOUND, THE MORE STRINGENT 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 EIA 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 SURVEY REFERENCE MONUMENTS OR MARKERS. IN CASES OF WILLFUL OR CARELESS DESTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING AND RESETTING BENCHMARKS TO 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 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 ACCORDING TO ITEM 812 OF THE STANDARD SPECIFICATIONS OR FLOWABLE CURT, TYPE III ACCORDING TO ITEM 636. ITEM 811 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
5800 SHIER-RINGS ROAD
DUBLIN, OHIO 43018
18. ALL TRENCHES WITHIN PUBLIC RIGHT-OF-WAY SHALL BE BACKFILLED ACCORDING TO THE APPROVED CONSTRUCTION DRAWINGS OR SECURELY FLATED DURING NONWORKING HOURS. TRENCHES OUTSIDE THESE AREAS SHALL BE BACKFILLED AND 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 AT A MINIMUM 10 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 THE DIVISION OF ENGINEERING'S WRITTEN PERMISSION.
 20. 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. SHOULDER CUTTING OF EXISTING PAVEMENT BE PERMITTED, CONTROLLED DENSITY BACKFILL (TYPE III) SHALL BE USED IN PLACE OF COMPACTED GRANULAR BACKFILL, ACCORDING TO ITEM 636 OF THE STANDARD SPECIFICATIONS.
 21. 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.
 22. 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.
 23. 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.
 24. ANY MODIFICATION TO THE WORK SHOWN ON DRAWINGS MUST HAVE PRIOR WRITTEN APPROVAL BY THE CITY ENGINEER. CITY OF DUBLIN.

25. ALL INLETS SHALL BE CHAMFERED.
 26. PARK AREAS SHALL BE FINE-GRADED AND SEEDED WITH THE FOLLOWING MIXTURE:
IMPROVED PENNUNGY BLUEGRASS: 40% OF WEIGHT (2 VARIETIES IN EQUAL PARTS)
IMPROVED KENTUCKY KY31: 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 ANCHOR BASE INSTALLATION AND MEET ALL REQUIREMENTS OF CDDOT TC-41.20 AND APPLICABLE CITY OF DUBLIN SPECIFICATIONS.
 28. STREET SIGNS SHALL MEET ALL CITY OF DUBLIN SPECIFICATIONS WITH LETTERING PRINTED 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 CDDOT TC-41.20.
- UTILITIES**
1. THE FOLLOWING UTILITIES ARE KNOWN TO BE LOCATED WITHIN THE LIMITS OF THIS PROJECT:
- | UTILITY: | OWNER: | TELEPHONE: |
|-------------------------|--|----------------|
| FIRE HYDRANTS & SEWERS: | CITY OF DUBLIN
5800 SHIER-RINGS ROAD
DUBLIN, OHIO 43018 | (614) 410-4600 |
| WATER FACILITIES: | CITY OF COLUMBUS
(DIVISION OF WATER)
915 DUBLIN ROAD
COLUMBUS, OHIO 43215 | (614) 645-7788 |
| GAS: | COLUMBIA GAS OF OHIO
922 GOODALE BLVD.
COLUMBUS, OHIO 43212 | (614) 460-2079 |
| CABLE TV: | WARNER CABLE
1500 COLUMBUS ROAD
COLUMBUS, OHIO 43215 | (614) 481-5000 |
| TELEPHONE: | AMERITECH
150 E. GAY ST. ROOM 6C
COLUMBUS, OHIO 43215 | (614) 223-8262 |
| ELECTRICITY: | AMERICAN ELECTRIC POWER
COLUMBUS DIVISION
1500 COLUMBUS ROAD
COLUMBUS, OHIO 43215 | (614) 464-7253 |

2. THE CONTRACTOR SHALL GIVE NOTICE OF INTENT TO CONSTRUCT TO CITY UTILITIES PROTECTION SERVICE (TELEPHONE NUMBER 614-587-0466), AND TO OWNERS OF UNDERGROUND UTILITIES THAT HAVE NOT REMOVED A REGISTERED UNDERGROUND PROTECTION SERVICE. NOTICE SHALL BE GIVEN AT LEAST 3 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 ASSUME NO RESPONSIBILITY FOR THE ACCURACY OR DEPTH 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 IN THE PROJECT, THE DESIGN OF EROSION CONTROL SYSTEMS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
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.

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 EPA 45 DAYS PRIOR TO THE START OF CONSTRUCTION AND MAY EXCLUDE COVERAGE UNDER THE OHIO EPA GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY. A PRELIMINARY EROSION CONTROL PLAN MUST BE SUBMITTED WITH THE NOI. A SEDIMENT AND EROSION CONTROL PLAN MUST BE SUBMITTED WITH THE NOI. 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 BASIN, 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 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 BEFORE ORIGIN OF PERMANENT GROUND COVER.

BLASTING (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 TO WASHINGTON TOWNSHIP FIRE DEPARTMENT. THE OWNER, THE CONTRACTOR, THE OWNER AND THE OWNER'S ENGINEER. TOP OF ROCK ELEVATIONS SHALL BE SHOWN ON "AS-BUILT" CONSTRUCTION DRAWINGS.

WATER LINES

1. ALL WATER LINE MATERIALS SHALL BE PROVIDED AND INSTALLED ACCORDING TO CURRENT SPECIFICATIONS OF THE CITY OF COLUMBUS DIVISION OF WATER.
2. 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. PRIVATE 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.
3. ONLY FIRE HYDRANTS CONFORMING TO CITY OF COLUMBUS STANDARDS WILL BE APPROVED FOR USE.
4. 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.
5. ALL WATER LINES SHALL BE DISINFECTED ACCORDING TO ITEM 801.13 OF THE STANDARD SPECIFICATIONS. SPECIAL ATTENTION TO APPLICABLE SECTIONS OF AMERICAN WATER WORKS ASSOCIATION SPECIFICATION C-651, PARTICULARLY FOR FLUSHING (SECTION 5) AND FOR CHLORINATING VALVES AND 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 INSPECTION, 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.
6. 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.
 7. 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 DUBLIN 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.
 8. 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.
 9. ALL WATER MAIN STATIONING SHALL BE BASED ON STREET CENTERLINE STATIONING.
 10. ALL BENDS, JOINT DEFLECTIONS AND FITTINGS SHALL BE BACKED WITH CONCRETE PER CITY OF COLUMBUS STANDARDS.
 11. 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.
 12. 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 1/2" METERS OR L-6317, A, B, C&D FOR 1 1/2" OR LARGER METERS.
 13. WATER LINES TO BE INSTALLED IN EMBANKMENT AREAS SHALL BE PLACED AFTER THE EMBANKMENT HAS BEEN PLACED AND COMPACTED ACCORDING TO THE STANDARD SPECIFICATIONS.
 14. CURB STOP BOXES SHALL BE LOCATED AT LEAST 1 FOOT INSIDE THE RIGHT-OF-WAY AND SET AT FINISHED GRADE.
 15. 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.
 16. ALL WATER LINES SHALL BE PLACED AT A MINIMUM DEPTH OF 4 FEET MEASURED FROM TOP OF FINISHED GRADE TO TOP OF WATER LINE. WATER LINES SHALL BE SET DEEPER AT ALL POINTS WHERE NECESSARY TO CLEAR EXISTING OR PROPOSED UTILITY LINES OR OTHER UNDERGROUND RESTRICTIONS BY A MINIMUM OF 18 INCHES.
 17. TWO 1/2" INCH TAPS SHALL BE INSTALLED WITHIN 2 FEET OF THE END OF THE LINE ON ALL DEAD-END WATER LINES.

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

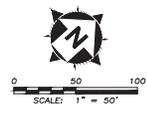
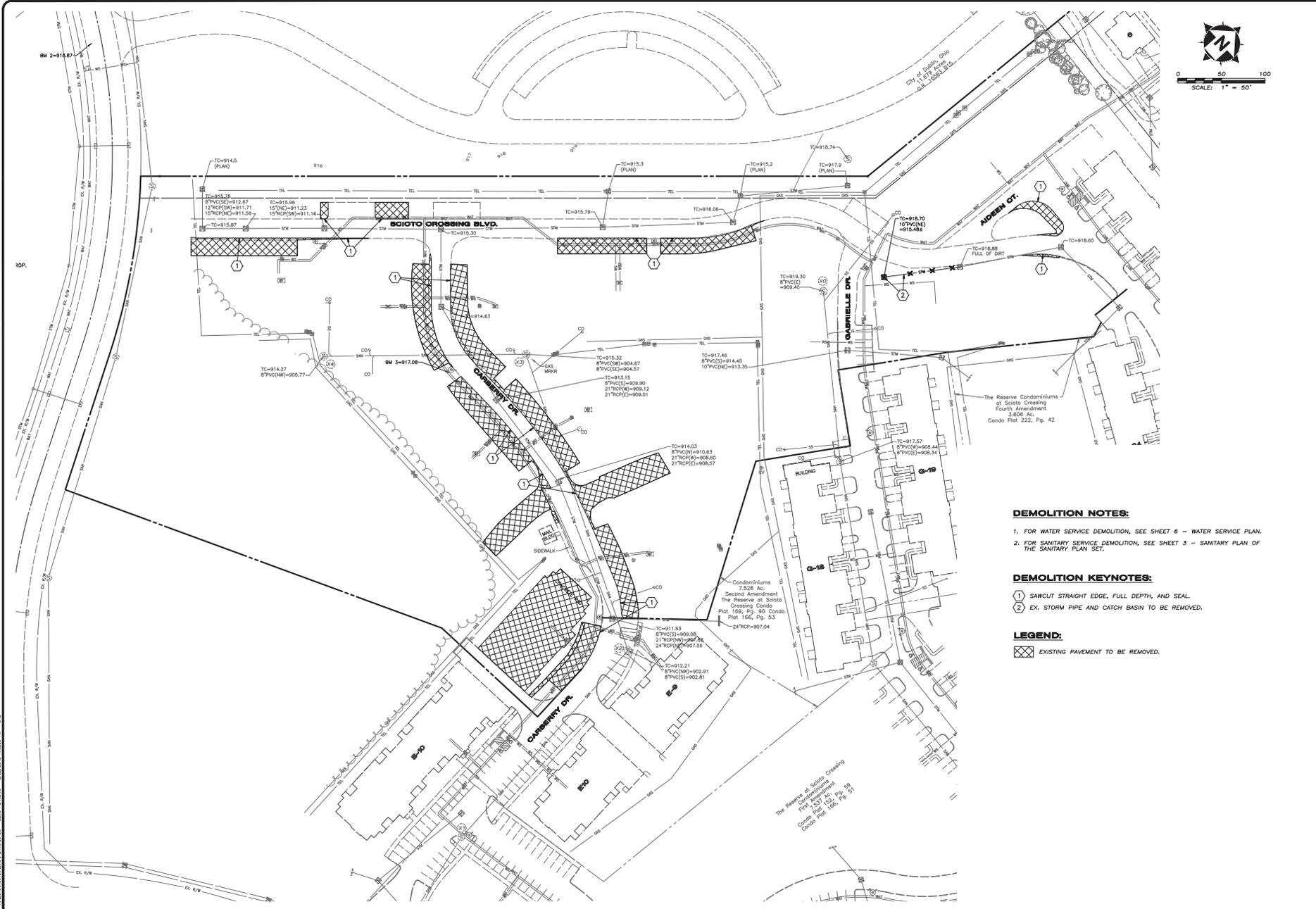
1. THE CONTRACTOR SHALL MAKE PROPER ARRANGEMENTS WITH THE DUBLIN SERVICE DURING CONSTRUCTION AND THE COLUMBUS DIVISION OF WATER FOR THE USE OF FIRE HYDRANTS WHEN USED FOR WORK PERFORMED UNDER THIS CONTRACT AND PROVIDE THE CITY OF DUBLIN A COPY OF THE HYDRANT USAGE PERMIT OBTAINED FROM THE CITY OF COLUMBUS. 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 SAMOSE VALVE TO THE CITY OF COLUMBUS AND HAS PAID ALL COSTS ARISING FROM THE USE OF THE FIRE HYDRANTS.



NO.	DATE	REVISION	BY	CHK
1	6/20/15		JAB	JAB
2	6/20/15		JAB	JAB

ESTATES AT SCIOTO CROSSING
SECTION/PHASE - CLIENT NAME -
GENERAL NOTES

PROJECT NO:	160466
DRAWING NAME	
GEN-NOTES	
SHEET	9



DEMOLITION NOTES:

1. FOR WATER SERVICE DEMOLITION, SEE SHEET 6 - WATER SERVICE PLAN.
2. FOR SANITARY SERVICE DEMOLITION, SEE SHEET 3 - SANITARY PLAN OF THE SANITARY PLAN SET.

DEMOLITION KEYNOTES:

- ① SAWCUT STRAIGHT EDGE, FULL DEPTH, AND SEAL.
- ② EX. STORM PIPE AND CATCH BASIN TO BE REMOVED.

LEGEND:

- ▣ EXISTING PAVEMENT TO BE REMOVED.

ESTATES AT SCIOTO CROSSING
SECTION/PHASES
- CLIENT NAME -

PAVEMENT DEMOLITION PLAN

NO.	REVISION	DATE

DRAWING SCALE:	1" = 50'
PROJECT NO.:	150466
DRAWING NAME:	DEMO-PLN
SHEET OF:	4 9

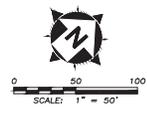
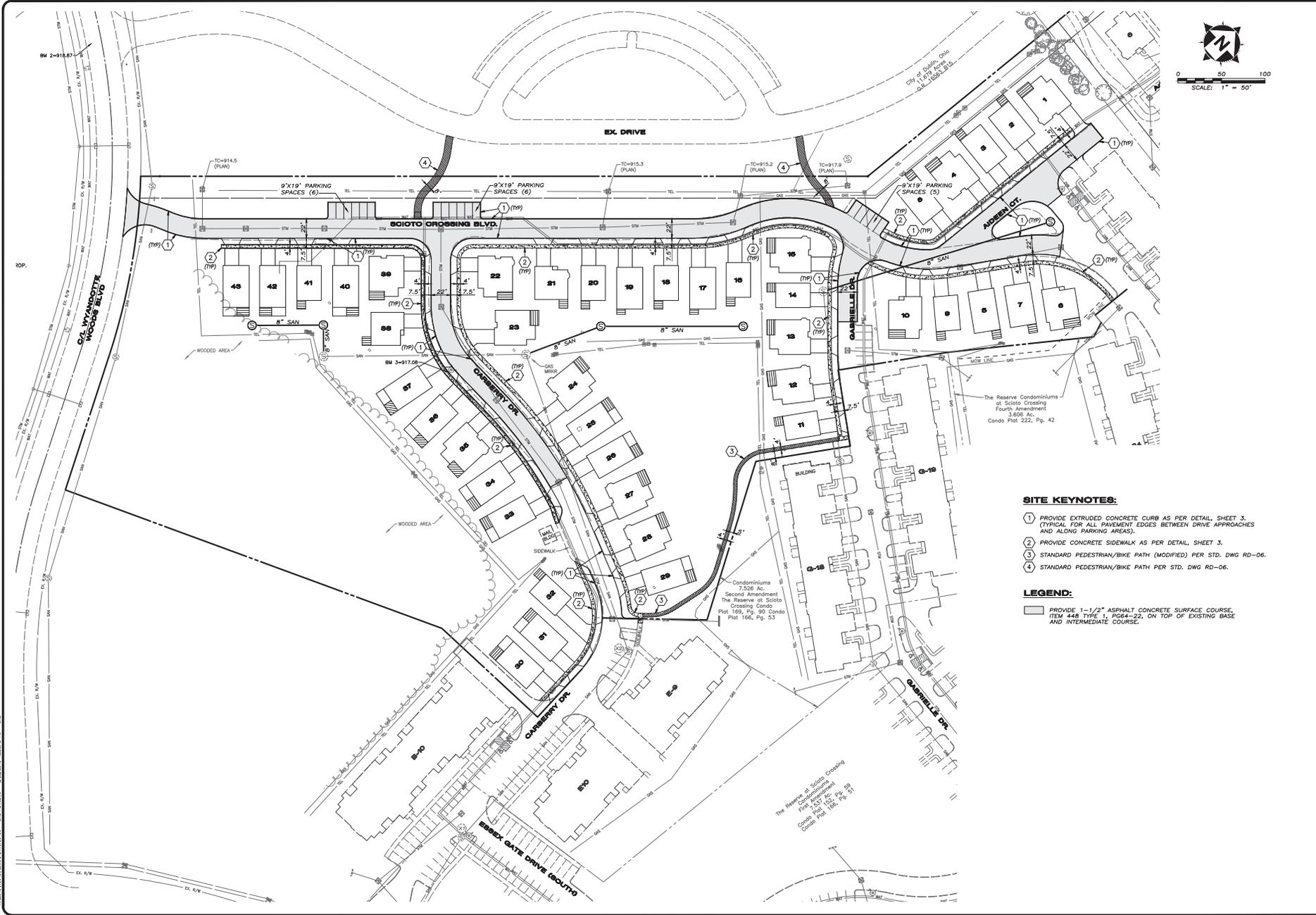
PROJECT NO.: 150466

DRAWING NAME: DEMO-PLN

SHEET OF: 4 9

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- SITE KEYNOTES:**
- ① PROVIDE EXTRUDED CONCRETE CURB AS PER DETAIL, SHEET 3. (TYPICAL FOR ALL PAVEMENT EDGES BETWEEN DRIVE APPROACHES AND ALONG PARKING AREAS).
 - ② PROVIDE CONCRETE SIDEWALK AS PER DETAIL, SHEET 3.
 - ③ STANDARD PEDESTRIAN/BIKE PATH (MODIFIED) PER STD. DWG RD-06.
 - ④ STANDARD PEDESTRIAN/BIKE PATH PER STD. DWG RD-06.
- LEGEND:**
- ▭ PROVIDE 1-1/2" ASPHALT CONCRETE SURFACE COURSE, ITEM #48 TYPE 1, PG24-22, ON TOP OF EXISTING BASE AND INTERMEDIATE COURSE.

ALL DATA UNLESS OTHERWISE SPECIFIED - SEE PLANBOOK - 6/22/2015 12:30:43 PM - USA

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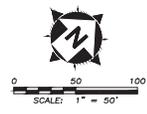
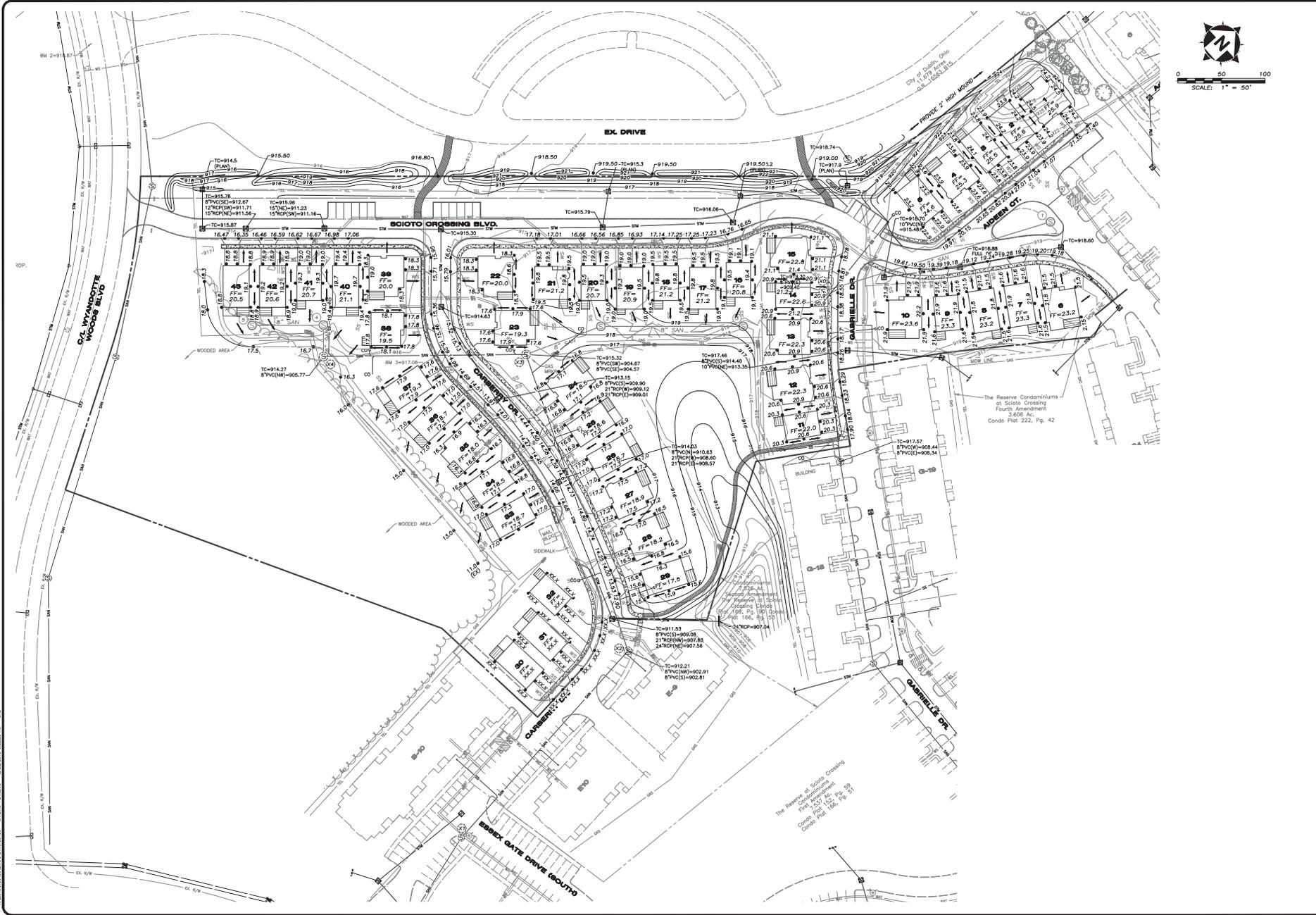


NO.	REVISION	DATE

ESTATES AT SCIOTO CROSSING
SECTION/PHASE
 - CLIENT NAME -
SITE DIMENSION PLAN

PROJECT NO:	150466
DRAWING NAME	SITE-PLN
SHEET	6
OF	9

DRAWING SCALE:	NO.
• HATCH 1" = 50'	
• VENT 1" = N/A	
DATE: 6/20/15	
DESIGNED BY: JMB	
DRAWN BY: BKU	
CHECKED BY: JMB	



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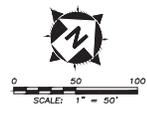
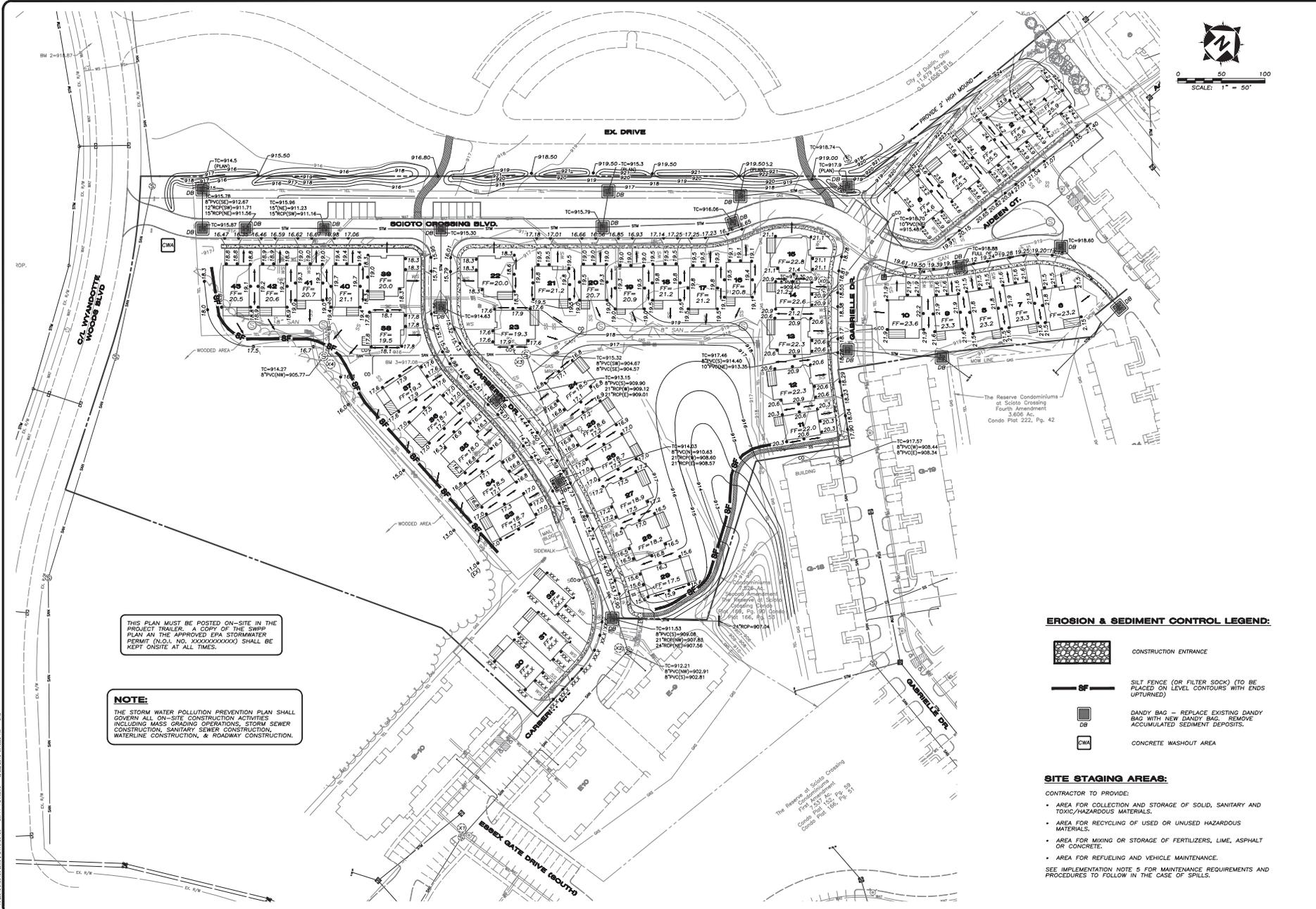
NO.	REVISION	DATE

ESTATES AT SCIOTO CROSSING
 SECTION/PHASE -
 CLIENT NAME -
GRADING PLAN

PROJECT NO:	150466
DRAWING NAME	GRAD-PLN
SHEET	7
OF	9

DRAWING SCALE	NO.
• HATCH 1" = 50'	
• VENT 1" = 20'	
DATE: 6/20/15	
DESIGNED BY: JMB	
DRAWN BY: BKU	
CHECKED BY: JMB	

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THIS PLAN MUST BE POSTED ON-SITE IN THE PROJECT TRAILER. A COPY OF THE SWPP PLAN AND THE APPROVED EPA STORMWATER PERMIT (N.O.I. NO. XXXXXXXXXX) SHALL BE KEPT ON-SITE AT ALL TIMES.

NOTE:
 THE STORM WATER POLLUTION PREVENTION PLAN SHALL GOVERN ALL ON-SITE CONSTRUCTION ACTIVITIES INCLUDING MASS GRADING OPERATIONS, STORM SEWER CONSTRUCTION, SANITARY SEWER CONSTRUCTION, WATERLINE CONSTRUCTION, & ROADWAY CONSTRUCTION.

EROSION & SEDIMENT CONTROL LEGEND:

- CONSTRUCTION ENTRANCE
- SILT FENCE (OR FILTER SOCK) (TO BE PLACED ON LEVEL CONTOURS WITH ENDS UP/TURNED)
- DANDY BAG - REPLACE EXISTING DANDY BAG WITH NEW DANDY BAG. REMOVE ACCUMULATED SEDIMENT DEPOSITS.
- CONCRETE WASHOUT AREA

SITE STAGING AREAS:

- CONTRACTOR TO PROVIDE:
- AREA FOR COLLECTION AND STORAGE OF SOLID, SANITARY AND TOXIC/HAZARDOUS MATERIALS.
 - AREA FOR RECYCLING OF USED OR UNUSED HAZARDOUS MATERIALS.
 - AREA FOR MIXING OR STORAGE OF FERTILIZERS, LIME, ASPHALT OR CONCRETE.
 - AREA FOR REFUELING AND VEHICLE MAINTENANCE.
- SEE IMPLEMENTATION NOTE 5 FOR MAINTENANCE REQUIREMENTS AND PROCEDURES TO FOLLOW IN THE CASE OF SPILLS.

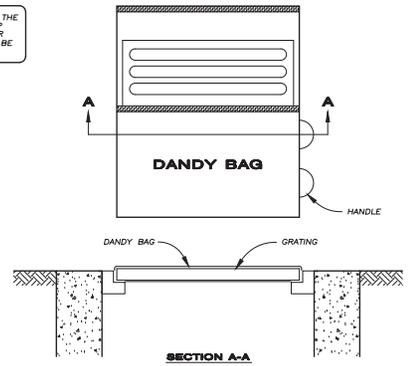
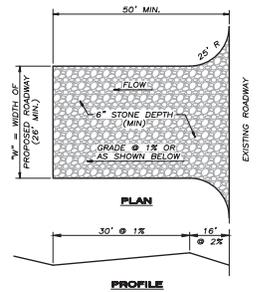
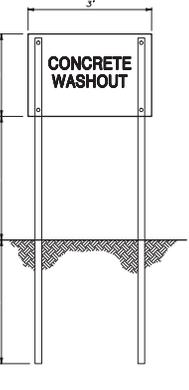
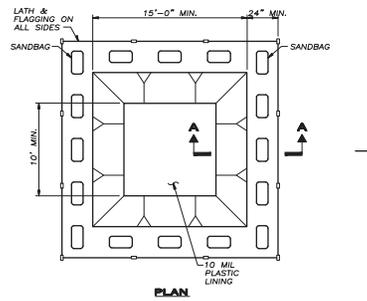
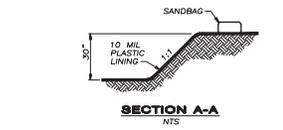
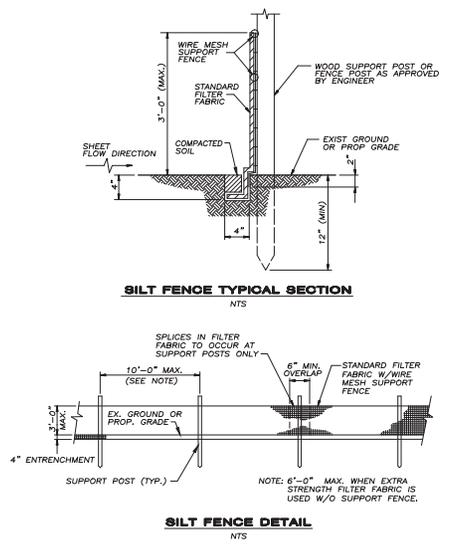
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NO.	DATE	REVISION

ESTATES AT SCIOTO CROSSING
 SECTION/PHASES - CLIENT NAME -
SWPPP PLAN

PROJECT NO:	150466
DRAWING NAME	SWPPP-PLN
SHEET OF	8 9

THIS PLAN MUST BE POSTED ON-SITE IN THE PROJECT TRAILER. A COPY OF THE SWPPP PLAN AN THE APPROVED EPA STORMWATER PERMIT (NO. 1.0. NO. XXXXXXXXXX) SHALL BE KEPT ON-SITE AT ALL TIMES.



INSTALLATION: STAND GRATE ON END, PLACE DANDY BAG OVER GRATE, FLIP GRATE OVER SO THAT OPEN END IS UP. PULL UP SLACK, TUCK FLAP IN. BE SURE END OF GRATE IS COMPLETELY COVERED BY FLAP OR DANDY BAG WILL NOT FIT PROPERLY. HOLDING HANDLES, CAREFULLY PLACE DANDY BAG WITH GRATE INSERTED INTO CATCH BASIN FRAME SO THAT RED DOT ON THE TOP OF THE DANDY BAG IS VISIBLE.

MAINTENANCE: AFTER SILT HAS DRIED, REMOVE IT FROM THE SURFACE OF DANDY BAG WITH STIFF BRUSH.

EROSION CONTROL REQUIREMENTS FOR COMPLIANCE WITH OEPA'S GENERAL PERMIT FOR CONSTRUCTION

THE EROSION CONTROL MEASURES INCLUDED IN THIS PLAN SHALL BE INSTALLED PRIOR TO INITIAL LAND DISTURBANCE ACTIVITIES OR AS SOON AS PRACTICAL. SEDIMENT SHALL BE PREVENTED FROM DISCHARGING FROM THE PROJECT SITE BY INSTALLING AND MAINTAINING SILT FENCE, STRAW BALES, SEDIMENT BASINS, ETC. AS SHOWN ON THIS PLAN. STRUCTURAL PRACTICES SHALL BE USED TO CONTROL EROSION FROM ALL SITES REMAINING DISTURBED FOR MORE THAN 14 DAYS.

THE CONTRACTOR SHALL CONTROL WASTES, GARBAGE, DEBRIS, WASTEWATER, AND OTHER SUBSTANCES ON THE SITE IN SUCH A WAY THAT THEY SHALL NOT BE TRANSPORTED FROM THE SITE BY THE ACTION OF WINDS, STORM WATER RUNOFF, OR OTHER FORCES. PROPER DISPOSAL OR MANAGEMENT OF ALL WASTES AND UNUSED BUILDING MATERIALS, APPROPRIATE TO THE NATURE OF THE WASTE OR MATERIAL, IS REQUIRED. COMPLIANCE IS REQUIRED WITH ALL STATE OR LOCAL REGULATIONS REGARDING WASTE DISPOSAL OF SANITARY SEWER, OR SEPTIC SYSTEMS.

PUBLIC OR PRIVATE ROADWAYS SHALL BE KEPT CLEARED OF ACCUMULATED SEDIMENT. BULK CLEARING OF ACCUMULATED SEDIMENT SHALL NOT INCLUDE FLUSHING THE AREA WITH WATER. CLEARED SEDIMENT SHALL BE RETURNED TO THE POINT OF LIKELY ORIGIN OR OTHER SUITABLE LOCATION.

ALL ON-SITE STORM DRAIN INLETS SHALL BE PROTECTED AGAINST SEDIMENTATION WITH STRAW BALES, FILTER FABRIC, OR EQUIVALENT BARRIERS AS SHOWN ON THIS PLAN.

EXCEPT AS PREVENTED BY INCLEMENT WEATHER CONDITIONS, ALL DISTURBED AREAS TO REMAIN INACTIVE FOR MORE THAN 21 DAYS SHALL BE STABILIZED BY SEEDING, SODDING, MULCHING, COVERING, OR BY OTHER EQUIVALENT EROSION CONTROL MEASURES WITHIN SEVEN (7) DAYS. PERMANENT SOIL STABILIZATION SHALL BE PROVIDED WITHIN 7 DAYS AFTER FINAL GRADE IS ESTABLISHED.

THE EROSION CONTROL PLAN SHALL BE IMPLEMENTED ON ALL DISTURBED AREAS WITHIN THE CONSTRUCTION SITE. ALL MEASURES INVOLVING EROSION CONTROL PRACTICES SHALL BE INSTALLED UNDER THE GUIDANCE OF QUALIFIED PERSONNEL EXPERIENCED IN EROSION CONTROL, AND FOLLOWING THE PLANS AND SPECIFICATIONS INCLUDED HEREIN.

DURING THE PERIOD OF CONSTRUCTION ACTIVITIES ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR. AT THE COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE THE TRANSFER OF MAINTENANCE RESPONSIBILITIES. IF REQUIRED, WITH THE OWNER. MAINTENANCE SHALL BE IN ACCORDANCE WITH CHAPTER 7 OF THE SOIL CONSERVATION SERVICE MANUAL "WATER MANAGEMENT AND SEDIMENT CONTROL FOR URBANIZING AREAS."

EXISTING VEGETATION SHALL BE PROTECTED AS MUCH AS PRACTICAL.

ALL EROSION AND SEDIMENT CONTROLS SHALL BE INSPECTED IN ACCORDANCE WITH THE CONDITIONS OF APPLICABLE PERMITS.

ALL TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE REMOVED AND DISPOSED OF WITHIN THIRTY DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY PRACTICES ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION.

THIS EROSION CONTROL PLAN MUST BE RETAINED ON-SITE AT ALL TIMES DURING THE PERIOD OF CONSTRUCTION.

FIELD ADJUSTMENTS FOR LOCATIONS AND DIMENSIONS OF CONTROL DEVICES MAY BE MADE BY THE ENGINEER AS REQUIRED. ADDITIONAL EROSION AND SEDIMENT CONTROL BMP'S SHALL BE INSTALLED AS DIRECTED BY THE CITY OF DUBLIN.

EROSION CONTROL DEVICES REMOVED DURING GRADING OPERATIONS SHALL BE PUT BACK IN PLACE AT THE END OF THE DAY OR DURING INCLEMENT WEATHER.

PERMANENT SODDING SHALL BE DONE BETWEEN MARCH 15 AND SEPTEMBER 15.

IF SHOWN ON THIS PLAN, ENERGY-DISSIPATION DEVICES OR EROSION CONTROL CONTROL AT THE OUTFALL OF THE STORM SEWER SYSTEM SHALL BE INSTALLED AT THE TIME OF THE CONSTRUCTION OF THE OUTFALL.

STREAMS INCLUDING BED AND BANKS SHALL BE RESTABILIZED IMMEDIATELY AFTER IN-CHANNEL WORK IS COMPLETED, INTERRUPTED, OR STOPPED.

NO SOIL, ROCK, DEBRIS, OR ANY OTHER MATERIAL SHALL BE DUMPED OR PLACED INTO A WATER RESOURCE OR INTO SUCH PROXIMITY THAT IT MAY READILY SLURRY, SLIP, OR ERODE INTO A WATER RESOURCE UNLESS SUCH DUMPING OR PLACING IS AUTHORIZED BY THE ENGINEER AND, WHEN APPLICABLE, THE U.S. ARMY CORPS OF ENGINEERS FOR SUCH PURPOSES AS, BUT NOT LIMITED TO, CONSTRUCTION BRIDGES, CULVERTS, AND EROSION CONTROL STRUCTURES.

CONCRETE WASHOUT AREA NOTES

LOCATION AND CONFIGURATION

CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED AND MAINTAINED IN SUFFICIENT QUANTITY AND SIZE TO CONTAIN ALL CONCRETE WASTE GENERATED ON SITE. FOR LARGER SITES, MULTIPLE CONCRETE WASHOUT AREAS MAY BE REQUIRED.

IF APPROVED BY THE ENGINEER, THE CONCRETE WASHOUT AREAS(S) MAY BE SITED IN DIFFERENT LOCATION(S) THAN SHOWN ON THE PLAN. ACCEPTABLE LOCATIONS SHALL BE ACCESSIBLE BY CONCRETE TRUCKS, A MINIMUM OF 50 FEET FROM ANY STORM DRAINS, OPEN DITCHES, OR WATER BODIES, AND IN AREAS THAT DO NOT RECEIVE STORMWATER DRAINAGE FROM UPSTREAM SOURCES.

IF CONCRETE WASHOUT AREAS ARE LOCATED AWAY FROM PAVED SURFACES, A GRAVEL ACCESS ROUTE, EQUAL IN COMPOSITION TO THE CONSTRUCTION ENTRANCE, SHALL BE CONSTRUCTED TO PREVENT SEDIMENT FROM BEING TRANSPORTED OUT ROADWAYS.

IF APPROVED BY THE ENGINEER, PREFABRICATED, PORTABLE AND RE-USABLE CONCRETE WASHOUT CONTAINERS ARE ACCEPTABLE. PREFABRICATED UNITS MUST BE SPECIFICALLY DESIGNED FOR CONCRETE WASHOUT USE AND ARE SUBJECT TO THE MAINTENANCE REQUIREMENTS SPECIFIED ON THIS PLAN. IF CONCRETE WASHOUT AREAS(S) ARE FABRICATED ON-SITE, THEY SHALL BE CONSTRUCTED PER PLAN, BE A MINIMUM OF 10 FEET WIDE BY 10 FEET LONG BY 30 INCHES DEEP, AND DOUBLE-LINED WITH CONTINUOUS 10-MIL POLYETHYLENE SHEETING. SHEETING SHALL BE FREE OF HOLES, TEARS OR OTHER DEFECTS, AND INSTALLED ON A SMOOTH, LEVEL SURFACE, FREE OF ROCKS OR DEBRIS. BELOW GROUND UNITS ARE RECOMMENDED.

CONCRETE WASHOUT SIGNAGE SHALL BE CLEARLY VISIBLE AND LOCATED WITHIN 30 FEET OF EACH WASHOUT LOCATION.

OPERATION, INSPECTION AND MAINTENANCE

ALL EXCESS CONCRETE, AND ALL CONCRETE WASHOUT, INCLUDING THAT FROM HAND MIXERS AND LIGHT EQUIPMENT, SHALL BE DISPOSED OF IN DESIGNATED CONCRETE WASHOUT AREAS. DISPOSAL OF EXCESS CONCRETE, OR CONCRETE WASHOUT, ON GROUND SURFACES, OR IN STORM DRAINS, DITCHES OR WATER BODIES, IS PROHIBITED.

FOR CONCRETE TRUCKS, ONLY CONCRETE FROM MIXER CHUTES CAN BE WASHED IN CONCRETE WASHOUT AREAS. CONCRETE FROM PUMPER BINS CAN BE WASHED INTO CONCRETE PUMPER TRUCKS AND THEN DISCHARGED INTO THE WASHOUT AREA, OR PROPERLY DISPOSED OF OFF-SITE.

CONCRETE WASHOUT FACILITIES SHALL BE INSPECTED DAILY TO CHECK FOR DAMAGE TO THE UNITS, AND TO DETERMINE IF REPAIRS NEEDS TO BE CLEANED OR REPLACED. ANY DAMAGE TO THE SIDEWALLS OR POLYETHYLENE SHEETING SHALL BE REPAIRED IMMEDIATELY. ALL CAPTURED CONCRETE MATERIAL, DISPOSAL OF AS SPECIFIED. THE UNIT SHALL BE CLEANED OR REPLACED WHEN IT IS 75 PERCENT FULL. THE POLYETHYLENE SHEETING SHALL BE REPLACED AFTER EACH CLEANING.

SLURRIES OR LIQUIDS SHALL BE VACUUMED AND DISPOSED OF IN AN APPROVED MANNER. DISPOSAL OF SLURRIES OR LIQUIDS ON GROUND SURFACES, IN THE SANITARY SEWER SYSTEM, OR IN STORM DRAINS, DITCHES OR WATER BODIES IS PROHIBITED. HARDENED CONCRETE MAY BE REMOVED WHOLE, OR BROKEN UP AND HAULED AWAY FOR DISPOSAL OR RECYCLING.

WHEN CONCRETE WASHOUT AREAS ARE NO LONGER REQUIRED FOR WORK, THE HARDENED CONCRETE SLURRIES AND LIQUIDS SHALL BE REMOVED AND PROPERLY DISPOSED OF AS SPECIFIED. MATERIALS USED TO CONSTRUCT THE WASHOUT FACILITIES SHALL BE REMOVED AND DISPOSED ON AN OPEN CYCLE. OTHER DEFLECTIONS OR OTHER DISTURBANCES SHALL BE REPAIRED AND STABILIZED TO PREVENT EROSION.

BACKFILL SHALL BE COMPACTED PER COC ITEM 911.

CONCRETE WASHOUT AREAS SHALL BE COVERED DURING INCLEMENT WEATHER TO PREVENT OVERFLOW.

PERMIT NOTE:

1. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A COPY OF OHIO EPA PERMIT NO. OHCD00004 AUTHORIZATION FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM, ALONG WITH COPIES OF THE NOTICE OF INTENT (NOI) AND EPA RESPONSE LETTER GRANTING PERMIT COVERAGE FOR THIS PROJECT. COPIES OF THESE DOCUMENTS AND THIS STORMWATER POLLUTION PREVENTION PLAN SHALL BE MAINTAINED ON SITE FOR THE DURATION OF CONSTRUCTION ACTIVITIES.

IMPLEMENTATION NOTES:

- THE CONTRACTOR IS INSTRUCTED TO INSTALL ALL EROSION AND SEDIMENT CONTROLS AS SOON AS PRACTICAL DURING CONSTRUCTION. CONTROLS SHALL BE AS SPECIFIED IN THE SCHEDULING SCHEDULE AND ON THE PLANS. THIS PLAN, AND ALL EROSION AND SEDIMENT CONTROLS SHALL BE UPDATED, AS NEEDED, TO REFLECT THE DYNAMICS OF CONSTRUCTION ACTIVITY.
 - SEDIMENT BASINS AND PERIMETER SEDIMENT CONTROLS SHALL BE INSTALLED PRIOR TO GRADING OPERATIONS AND WITHIN 7 DAYS FOLLOWING THE START OF GRUBBING. SEDIMENT BASINS AND PERIMETER CONTROLS SHALL BE MAINTAINED THROUGHOUT ALL PHASES OF CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROLS SHALL BE INSTALLED AS SOON AS POSSIBLE FOLLOWING THE CONSTRUCTION ACTIVITY LISTED. TEMPORARY AND PERMANENT STABILIZATION SHALL BE IMPLEMENTED AS DEFINED IN THE PERMIT AND IN THE GENERAL NOTES.
 - THE CONTRACTOR SHALL DESIGNATE ON-SITE AREAS FOR THE STORAGE AND DISPOSAL OF SOLID, SANITARY, AND TOXIC WASTES, FOR GEMET TRUCK WASHOUT AND FOR RE-FUELING. SAID AREAS SHALL BE PROPERLY MAINTAINED AND LOCATED SUCH THAT POLLUTANTS WILL NOT BE WASHED OR DRAINED TO OFF-SITE LANDS OR THE STORMWATER COLLECTION AND DETENTION SYSTEM. CONTRACTOR SHALL PROVIDE DIVERSION DITCHES OR DIKES TO PREVENT STORMWATER RUNOFF IN THESE AREAS FROM WASHING INTO STORMWATER DRAINAGE FACILITIES.
- CONTRACTOR SHALL PROVIDE COVERED, LEAK-PROOF CONTAINERS FOR STORAGE OF DEBRIS, TRASH AND HAZARDOUS WASTES.
- CONTRACTOR SHALL PROPERLY DISPOSE OF SOLID, SANITARY AND TOXIC HAZARDOUS WASTES OFF-SITE. NO WASTE MATERIALS SHALL BE DISPOSED OF IN STORM DRAINS OR SEPTIC TANKS, OR BY BURYING, BURNING OR MIXING OF WASTES.
- IN THE CASE OF HAZARDOUS SPILLS OR LEAKS, CONTRACTOR SHALL DO THE FOLLOWING:
- CEASE OPERATIONS UNTIL SPILL OR LEAK IS CONTAINED.
 - USE DIVERSION DITCHES, DIKES, PLASTIC SHEETING, ETC. TO CAPTURE AND CONTAIN SOIL.
 - PROPERLY DISPOSE OF HAZARDOUS MATERIAL OFF-SITE, INCLUDING ANY CONTAMINATED SOIL.
 - REPAIR OR REPLACE DAMAGED STORAGE CONTAINERS AS NECESSARY.
 - REPORT SPILL AND RESPONSE WORK IN INSPECTION LOG.
- FOR HAZARDOUS SPILLS OR LEAKS 25 GALLONS OR GREATER, CONTRACTOR SHALL CONTACT OHIO EPA (1-800-282-9378), THE LOCAL FIRE DEPARTMENT AND THE LOCAL EMERGENCY MANAGEMENT AGENCY WITHIN 30 MINUTES OF THE SPILL.
- MAINTENANCE REQUIREMENTS: THE GENERAL PERMIT REQUIRES THE PERMITTEE TO CONDUCT INSPECTIONS OF ALL SEDIMENT AND EROSION CONTROLS EVERY SEVEN DAYS OR WITHIN 24 HOURS OF A RAIN EVENT EQUAL TO OR GREATER THAN 0.5 INCHES. INSPECTIONS MUST BE INITIATED BY QUALIFIED PERSONNEL AND INCLUDE ITEMS LISTED IN PART II.C.2 OF THE GENERAL PERMIT. THE RESULTS OF THE INSPECTIONS AND RESULTING CORRECTIVE ACTIONS MUST BE KEPT ON SITE AVAILABLE FOR REVIEW AND MAINTAINED FOR A PERIOD OF THREE YEARS FOLLOWING SUBMITTAL OF THE NOI. ALL EARTH CONSTRUCTION ACTIVITIES MUST BE CLEARLY DOCUMENTED IN INSPECTION REPORTS TO ENSURE THE TEMPORARY OR PERMANENT STABILIZATION REQUIREMENTS ARE NOT VIOLATED.
 - ALL EROSION AND SEDIMENT CONTROLS SHALL BE MAINTAINED AND FUNCTIONAL UNTIL CONSTRUCTION IS COMPLETED AND ALL UPSTREAM AREAS HAVE BEEN STABILIZED. ONCE UPSTREAM AREAS HAVE BEEN STABILIZED, THE CONTRACTOR SHALL REMOVE ALL CONTROLS. THE CONTRACTOR SHALL FILE A NOTICE OF TERMINATION (NOT) WITH OHIO EPA WITHIN 45 DAYS OF THE COMPLETION OF CONSTRUCTION.

PERMANENT STABILIZATION	
AREA REQUIRING PERMANENT STABILIZATION	TIME FRAME TO APPLY EROSION CONTROLS
ANY AREAS THAT LIE DORMANT FOR ONE YEAR OR MORE.	WITHIN SEVEN DAYS OF THE MOST RECENT DISTURBANCE.
ANY AREAS WITHIN 50 FEET OF A STREAM AND AT FINAL GRADE.	WITHIN TWO DAYS OF REACHING FINAL GRADE.
ANY OTHER AREAS AT FINAL GRADE.	WITHIN SEVEN DAYS OF REACHING FINAL GRADE WITHIN THAT AREA.

TEMPORARY STABILIZATION	
AREA REQUIRING TEMPORARY STABILIZATION	TIME FRAME TO APPLY EROSION CONTROLS
ANY DISTURBED AREAS WITHIN 50 FEET OF A STREAM AND NOT AT FINAL GRADE.	WITHIN TWO DAYS OF THE MOST RECENT DISTURBANCE IF THE AREA WILL REMAIN IDLE FOR MORE THAN 21 DAYS.
FOR ALL CONSTRUCTION ACTIVITIES, ANY DISTURBED AREAS THAT WILL BE DORMANT FOR MORE THAN 21 DAYS BUT LESS THAN ONE YEAR, AND NOT WITHIN 50 FEET OF A STREAM.	WITHIN SEVEN DAYS OF THE MOST RECENT DISTURBANCE WITHIN THE AREA.
DISTURBED AREAS THAT WILL BE IDLE OVER WINTER.	FOR RESIDENTIAL SUBDIVISIONS, DISTURBED AREAS MUST BE STABILIZED AT LEAST SEVEN DAYS PRIOR TO TRANSFER OF PERMIT COVERAGE FOR THE INDIVIDUAL LOT(S).
	WITHIN SEVEN DAYS OF REACHING FINAL GRADE WITHIN THAT AREA.

SEQUENCE OF CONSTRUCTION:

- SITE CONTRACTOR**
- PHASE 1**
- INSTALL PERIMETER CONTROLS.
 - INSTALL STABILIZED CONSTRUCTION ENTRANCE AND CONCRETE WASHOUT AREA. REPLACE EXISTING INLET PROTECTION AND CLEAR EXCESS SEDIMENT DEPOSITS.
 - CLEAR SITE.
 - BEGIN ROUGH GRADING.
- PHASE 2**
- CONSTRUCT SANITARY SEWER. LIMIT DISTURBANCE TO AREA REQUIRED FOR CONSTRUCTION.
 - INSTALL REMAINING UTILITIES.
 - FINAL GRADE LOT AREAS. REPAIR INLET PROTECTION AS NEEDED. INSTALL TEMPORARY/PERMANENT SEEDING.
- PHASE 3**
- REMOVE CONSTRUCTION ENTRANCES AND PAVE ROADWAYS.
 - FOLLOWING SITE STABILIZATION, REMOVE EROSION AND SEDIMENT CONTROLS.



DATE	REVISION	NO.	DESCRIPTION

DATE	BY	CHKD BY	APP'D BY
6/20/15	JAB		

ESTATES AT SCIOTO CROSSING
SECTION/PHASE -
CLIENT NAME -
SWPPP NOTES & DETAILS

PROJECT NO:	160466
DRAWING NAME	SWPPP-DET
SHEET	9
OF	9