GENERAL CONSTRUCTION NOTES

- 1. CONTRACTORS ARE RESPONSIBLE FOR MAINTAINING TRAFFIC ON ALL ROADWAYS, IN ACCORDANCE DOYLESTOWN TOWNSHIP AND WITH THE PENNDOT HIGHWAY OCCUPANCY PERMIT THAT IS ISSUED FOR THIS PROJECT.
- 2. UNLESS OTHERWISE NOTED ON THE DRAWINGS OR DIRECTED BY THE OWNER'S RESIDENT PROJECT REPRESENTATIVE OR ENGINEER, CONTRACTORS SHALL MAINTAIN A MINIMUM VERTICAL CLEARANCE OF 18" BETWEEN THE SEWER MAIN
- 3. CONTRACTORS SHALL EXPOSE EXISTING UTILITY CROSSINGS A MINIMUM OF 100 FEET AHEAD OF SEWER MAIN OR FORCE MAIN INSTALLATION SO THAT ADJUSTMENTS IN PIPE ALIGNMENT CAN BE PERFORMED AS NECESSARY IN AN APPROPRIATE AND PRACTICAL MANNER.
- 4. UNLESS OTHERWISE INDICATED ON THE DRAWINGS, CONTRACTORS SHALL PROVIDE A MINIMUM COVER OF FOUR (4) FEET ABOVE THE TOP OF SEWER MAIN OR FORCE MAIN LAID IN THE TRENCH BASED ON THE FINISHED GRADE
- 5. UNLESS OTHERWISE INDICATED ON THE DRAWINGS, CONTRACTORS SHALL INSTALL FORCE MAIN WITH A CONSTANT ASCENT TO AVOID ANY INTERMEDIATE HIGH POINTS IN THE PIPE.
- 6. BURIED UTILITY PROPERTY SERVICES (ELECTRIC, TELEPHONE, WATER, ETC.) ARE ONLY SHOWN IN SEWER PLAN VIEW.
- 7. ALL CONTRACTORS WORKING ON THIS PROJECT SHALL BE RESPONSIBLE FOR INSURING THAT ALL CONSTRUCTION ACTIVITIES RELATED TO THE PROJECT ARE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE OSHA (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION) STANDARDS.
- 8. SHEETING AND SHORING RELATIVE TO TRENCH EXCAVATION SHALL BE IN ACCORDANCE WITH OSHA REQUIREMENTS.
- 9. ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE BUCKS COUNTY WATER & SEWER AUTHORITY STANDARD SPECIFICATIONS. AS LAST AMENDED, AS WELL AS WITH THE REQUIREMENTS OF DOYLESTOWN TOWNSHIP AND PENNDOT PUBLICATION 408, LATEST EDITION.
- 10. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ANY LOCAL PERMITS (BUILDING PERMIT, ROAD OPENING PERMIT, CONTRACTOR'S LICENSE, TRAFFIC CONTROL. ETC.) FOR THIS PROJECT PRIOR TO CONSTRUCTION. AS REQUIRED. IT IS ALSO THÉ CONTRACTOR'S RESPONSIBILITY TO OBTAIN APPROVALS FOR OFF-SITE DISPOSAL OF EXCAVATED MATERIALS. THE CONTRACTOR IS FURTHER RESPONSIBLE TO SATISFY ALL REQUIREMENTS INCLUDING TIME FRAME LIMITATIONS CONTAINED WITHIN ALL OF THE PERMITS AND AGENCY APPROVALS WHICH THE OWNER HAS OBTAINED FOR THIS PROJECT (I.E., PENNDOT, PADEP, ETC.).
- 11. WATERTIGHT FRAMES AND COVERS SHALL BE INSTALLED ON ANY MANHOLES LOCATED OUTSIDE OF PAVED SURFACES.
- 12. IF DURING CONSTRUCTION THE CONTRACTOR ENCOUNTERS ANY UNFORESEEN CONDITIONS, BOTH ABOVE OR BELOW GRADE, HE SHALL IMMEDIATELY NOTIFY THE ENGINEER.
- 13. ALL GROUND SURFACES, INCLUDING BUT NOT LIMITED TO. LAWN AREAS. DRIVEWAYS, CURBS, GUTTERS, SIDEWALKS, ETC., DAMAGED OR DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AND RESTORED IN KIND BY THE CONTRACTOR TO A CONDITION AT LEAST EQUAL TO THE PRECONSTRUCTION CONDITIONS.
- 14. THE CONTRACTOR SHALL NOT ENCROACH ONTO ADJOINING PROPERTIES UNLESS A CONSTRUCTION EASEMENT HAS BEEN GRANTED BY THE RESPECTIVE PROPERTY OWNER. IF NECESSARY, THE CONTRACTOR SHALL HAVE PROPERTY LINES CLEARLY MARKED IN ALL AREAS WHERE EXCAVATION OR GRADING WILL ENCROACH WITHIN FIVE (5) FEET OF THE PROPERTY BOUNDARY AND SHALL CONSTRUCT ADEQUATE BARRIERS TO PREVENT ENCROACHMENT ONTO ADJOINING PROPERTIES.
- 15. NO EXCAVATION OF FILL SHALL BE MADE WITH A FACE STEEPER THAN THREE (3) HORIZONTAL TO ONE (1) VERTICAL (3:1).
- 16. EROSION AND SEDIMENT CONTROL FACILITIES SHALL BE IN PLACE AND FUNCTIONING PRIOR TO ANY GROUND DISTURBANCE ACTIVITY.
- 17. CONTRACTOR SHALL FOLLOW THE REQUIREMENTS OUTLINED IN THE APPROVED EROSION AND SEDIMENT CONTROL PLAN, UNLESS OTHERWISE APPROVED BY THE ENGINEER OR THE BUCKS COUNTY CONSERVATION DISTRICT
- 18. METALLIC DETECTOR TAPE SHALL BE PROVIDED OVER ALL PVC PIPE.
- 19. TRENCHING OPERATIONS AND EARTH DISTURBANCE WILL BE LIMITED TO THE LENGTH OF PIPE THAT CAN BE INSTALLED, BACKFILLED, AND STABILIZED WITHIN ONE DAY.
- 20. THE CONTRACTOR SHALL REMOVE FROM THE SITE, RECYCLE OR DISPOSE OF ALL BUILDING MATERIALS AND WASTE IN ACCORDANCE WITH PADEP'S SOLID WASTE MANAGEMENT REGULATIONS, AND/OR ANY ADDITIONAL LOCAL REGULATIONS. NO BUILDING MATERIALS (USED OR UNUSED) OR WASTE MATERIALS SHALL BE BURNED, BURIED OR DISCHARGED AT THE PROJECT
- 21. FILL MATERIAL SHALL BE FREE OF FROZEN PARTICLES, BRUSH, ROOTS. SOD OR OTHER FOREIGN OR OBJECTIONABLE MATERIALS THAT WOULD INTERFERE WITH OR PREVENT SATISFACTORY COMPACTION.
- 22. ANY GROUND SLOPE REQUIRING RESTORATION AND STABILIZATION THAT IS GREATER THAN FOUR (4) HORIZONTAL TO ONE (1) VERTICAL (4:1) SHALL RECEIVE A STEEP SLOPE SEED MIXTURE AND SHALL BE PROTECTED WITH EROSION CONTROL MATTING. SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS AND REQUIREMENTS.
- 23. COMPONENTS OF EXISTING ON-LOT SEPTIC DISPOSAL SYSTEMS SHALL BE ABANDONED PER THE PROJECT SPECIFICATIONS AND PER BUCKS COUNTY DEPARTMENT OF HEALTH REQUIREMENTS.
- 24. WHERE SEWERS ARE TO BE CONSTRUCTED WITHIN THE LIMITS OF PAVED STREETS, ALL REMOVAL AND REPLACEMENT OF STREET PAVING SHALL BE IN STRICT CONFORMANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY AND/OR OF PENNDOT, AS APPLICABLE.
- 25. STREETS SHALL NOT BE UNNECESSARILY OBSTRUCTED DURING CONSTRUCTION. THE CONTRACTOR SHALL TAKE SUCH MEASURES AS MAY BE NECESSARY TO KEEP STREETS OPEN AND SAFE FOR TRAFFIC AT ALL TIMES.
- 26. STORAGE OF ALL MATERIALS, EQUIPMENT, MACHINERY, TOOLS, ETC. IS THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR IS PROHIBITED FROM STORING ANY MATERIALS, EQUIPMENT, MACHINERY, TOOLS, ETC. ON ANY STREETS, SHOULDERS, SIDEWALKS, ETC. UNLESS PRIOR AUTHORIZATION IS GRANTED BY THE MUNICIPALITY OR PENNDOT.
- 27. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT TREES, SHRUBS, GRASSED AREAS AND LANDSCAPING FROM DAMAGE. ANY DAMAGES CAUSED BY THE CONTRACTOR TO THESE FEATURES SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.

SURVEY GENERAL NOTES

- 1. THE EXISTING FEATURES AS SHOWN ARE BASED ON AERIAL TOPOGRAPHIC INFORMATION COMPILED PHOTOGRAMMETRIC METHODS BY NOR EAST MAPPING STATE ROUTE 53, LARSON ROAD, P.O. BOX 270, KYLERTOWN, PA. 16847-0270 FROM AERIAL PHOTOGRAPHY EXPOSED 4-14-13 AND SUPPLEMENTED WITH FIELD SURVEYS PERFORMED BY GILMORE & ASSOCIATES INC. IN AUGUST, SEPTEMBER, OCTOBER, NOVEMBER, AND DECEMBER OF 2014. AERIAL CONTROL WAS SUPPLIED BY GILMORE AND ASSOCIATES INC.
- 2. DESIGNATIONS OF EXISTING UNDERGROUND UTILITIES/FACILITIES SHOWN HEREON HAVE BEEN DEVELOPED FROM PA. ONE-CALL RECORDS, REFERENCE PLANS, FIELD MARKOUTS BY UTILITY OWNERS, AND/OR ABOVE GROUND OBSERVATION OF THE SITE. NO EXCAVATIONS WERE PERFORMED IN PREPARATION OF THESE DRAWINGS: THEREFORE ALL UTILITIES SHOWN SHOULD BE CONSIDERED APPROXIMATE IN LOCATION, DEPTH, AND SIZE. THE POTENTIAL EXISTS FOR OTHER UNDERGROUND UTILITIES/FACILITIES TO BE PRESENT WHICH ARE NOT SHOWN ON THESE DRAWINGS. ONLY THE VISIBLE LOCATIONS OF UNDERGROUND UTILITIES / FACILITIES AT THE TIME OF FIELD SURVEY SHALL BE CONSIDERED TRUE AND ACCURATE. COMPLETENESS OR ACCURACY OF UNDERGROUND UTILITIES/FACILITIES ARE NOT GUARANTEED BY GILMORE & ASSOCIATES INC.
- 3. ALL CONTRACTORS WORKING ON THIS PROJECT SHALL VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES/FACILITIES PRIOR TO THE START OF WORK AND SHALL COMPLY WITH THE REQUIREMENTS OF P.L. 852, NO. 287 DECEMBER 10, 1974 AS LAST AMENDED ON OCTOBER 9, 2008, PENNSYLVANIA ACT 121, GILMORE & ASSOCIATES, INC. HAS OBTAINED PENNSYLVANIA ONE-CALL SERIAL NUMBERS AS NOTED ON THIS PLAN FOR DESIGN PURPOSES ONLY.
- 4. THE WETLANDS BOUNDARIES WERE FLAGGED BY PENN'S TRAIL ENVIRONMENTAL, LLC AND LOCATED BY GILMORE & ASSOCIATES INC.
- 5. VERTICAL DATUM IS NAVD88 AND WAS ESTABLISHED BY GLOBAL POSITIONING SYSTEM (GPS) WITH OBSERVATIONS REFERENCED TO THE TOPCON TOPSURV GPS BASE STATION NFTWORK
- 6. HORIZONTAL DATUM IS BASED ON 1983 STATE PLANE COORDINATE SYSTEM ESTABLISHED UTILIZING GLOBAL POSITIONING SYSTEM (GPS), WITH OBSERVATIONS REFERENCED TO THE TOPCON TOPSURV GPS BASE STATION
- PROPERTY LINES AS SHOWN ARE APPROXIMATE AND ARE BASED ON CURRENT BUCKS COUNTY GIS TAX MAPPING INFORMATION AND PROPERTY AND RIGHT-OF-WAY REFERENCE PLANS AS LISTED BELOW ALONG WITH PHYSICAL EVIDENCE FROM FIELD SURVEYS. PROPERTY LINES AS SHOWN DO NOT REPRESENT BOUNDARY SURVEYS.
- 8. RIGHT-OF-WAY LINES AS SHOWN ARE BASED ON PROPERTY AND RIGHT-OF-WAY REFERENCE PLANS AS LISTED BELOW AND WITH RIGHT-OF-WAY RECORDS OBTAINED FROM PENNSYLVANIA DEPARTMENT OF TRANSPORTATION ALONG WITH PHYSICAL EVIDENCE FRON FIELD SURVEYS.

REFERENCED PLANS

- 1. PLAN ENTITLED "PLAN AND PROFILE CASTLE VALLEY SEWER INTERCEPTOR AS-BUILT" PREPARED BY KNIGHT ENGINEERING INC. DATED 12-03-91 SHEETS 1-16.
- 2. PLAN ENTITLED "PUMP STATION EROSION & SEDIMENTATION CONTROL PLAN CONTRACT CB-25A AND CONTRACT CB-25B CASTLE VALLEY INTERCEPTOR DIVERSION SEWAGE PUMP STATION" SHEET 5 OF 16 PREPARED FOR BUCKS COUNTY WATER AND SEWER AUTHORITY BY CARROLL ENGINEERING CORP. DATED 10-20-95 LAST REVISED 10-7-96.
- 3. PLAN ENTITLED "FORCE MAIN PLAN & PROFILE GREEN STREET WASTEWATER TREATMENT PLANT EXPANSION PREPARED BY CARROLL ENGINEERING CORP. DATED 3-19-01 LAST REVISED 4-04-03 DRAWING No. PM-3 AND PM-3A.
- 4. PLAN ENTITLED "SOUTH SIDE WATER MAINS BUCK ROAD AND WOODRIDGE DRIVE AS-BUILTS" SHEETS 1-8 PREPARED BY SC ENGINEERS, INC. DATED 10-24-00.
- 5. PLAN ENTITLED "STREET PLAN & DRAINAGE STRUCTURES WOODRIDGE SECTION 3" PREPARED BY WEISEL & GILMORE REGISTERED SURVEYORS DATED MAR. 12, 1970 AND LAST REVISED 5-5-70.

PROPERTY & RIGHT-OF-WAY LINES REFERENCE PLANS

- 1. PLAN ENTITLED "FINAL PLAN PROPERTY SURVEYED FOR JACOB J. VARGO JR." AS RECORDED IN PLAN BOOK 134, PAGE 27 ON 7-9-75.
- 2. PLAN ENTITLED "FINAL PLAN MINOR SUBDIVISION GODOWN TRACT" AS RECORDED IN PLAN BOOK 215, PAGE 26.
- 3. PLAN ENTITLED "FINAL PLAN PEBBLE RIDGE FARMS" PREPARED BY WEISEL & GILMORE REGISTERED SURVEYORS DATED JULY 17. 1965.
- 4. PLAN ENTITLED "FINAL PLAN SECTION 1 WOOD RIDGE" PREPARED BY WEISEL & GILMORE REGISTERED SURVEYORS DATED JANUARY 30, 1968.
- 5. PLAN ENTITLED "FINAL PLAN SECTION 2 WOOD RIDGE" AS RECORDED IN PLAN BOOK 73, PAGE 41 ON 2-2-70.
- 6. PLAN ENTITLED "SHEET 1 OF 2 FINAL PLAN OF SECTION 3 WOOD RIDGE" DATED MARCH 6, 1970 AS RECORDED IN PLAN BOOK 78, PAGE 32 ON
- 7. PLAN ENTITLED "SHEET 1 OF 2 FINAL PLAN OF SECTION 3 WOOD RIDGE" DATED MARCH 6, 1970 AS RECORDED IN PLAN BOOK 85, PAGE 24 ON
- 8. PLAN ENTITLED "REVISED FINAL PLAN CHICKILLO TRACT" DATED MAY 19. 1976. LAST REVISED JUNE 14, 1977 AS RECORDED IN PLAN BOOK 159,
- 9. PLAN ENTITLED "REVISED RURAL RESIDENTIAL DEVELOPMENT R.K.D.
- 8-23-85, LAST REVISED 10-25-85. 10. PLAN ENTITLED "RECORD SHEET 1 OF 4 DOE RUN WOODS PREPARED FOR ROBERT AND CATHERINE WILSON" AS RECORDED IN PLAN BOOK 272,

BUILDERS, INC." PREPARED BY GILMORE & ASSOCIATES INC. DATED

- PAGE 85A ON 10-29-93. 11. PLAN ENTITLED "PLAN OF LOTS BUCK HILLS MADE FOR GEORGE N. ROBERTS AND ANNA MAY ROBERTS DATED OCTOBER 17, 1955 AS
- RECORDED IN PLAN BOOK 11, PAGE 15. 12. PLAN ENTITLED "FINAL PLAN CASTLE VALLEY TRACT" DATED FEB. 8, 1965 AS RECORDED IN PLAN BOOK 30, PAGE 27 ON 3-17-65.
- 13. PLAN ENTITLED "FINAL PLAN PEBBLE RIDGE FARMS" DATED JULY 17, 1965 AS RECORDED IN PLAN BOOK 36, PAGE 10 ON 7-7-66. 14. PLAN ENTITLED "FINAL SUBDIVISION PLAN HIDEAWAY HAVEN" DATED APRIL 20, 1964 LAST REVISED MAR. 1, 1966 AS RECORDED IN PLAN
- 15. PLAN ENTITLED "FINAL PLAN OF TWIN BROOK ESTATE SECTION D" DATED NOV. 10, 1965 AS RECORDED IN PLAN BOOK 48, PAGE 6 ON 9-30-67. 16. PLAN ENTITLED "FINAL PLAN - SECTION 1 WOOD RIDGE" AS RECORDED

BOOK 37, PAGE 33 ON 8-30-66.

- IN PLAN BOOK 60, PAGE 36 ON 10-25-68. 17. PLAN ENTITLED "SHEET 2 OF 2 FINAL PLAN SECTION 3 WOOD RIDGE"
- DATED MAR. 6, 1970 AS RECORDED IN PLAN BOOK 78, PAGE 33 ON 18. PLAN ENTITLED "FINAL PLAN SPRINGDALE" AS RECORDED IN PLAN BOOK
- 97, PAGE 20 ON 5-24-72. 19. PLAN ENTITLED "FINAL PLAN OF LANDS OF CESARE OCCHI" DATED OCT. 31 1973 AS RECORDED IN PLAN BOOK 117, PAGE 14.
- 20. PLAN ENTITLED "FINAL PLAN HANTHORNE TRACT" DATED JUNE 24, 1974 LAST REVISED AUG. 14, 1974 AS RECORDED IN PLAN BOOK 126, PAGE 36 ON 9-23-74.
- 21. PLAN ENTITLED "FINAL PLAN ROBERT SCHMITT TRACT DATED JAN. 20. 1976 AS RECORDED IN PLAN BOOK 140, PAGE 45 ON 2-6-76. 22. PLAN ENTITLED "FINAL PLAN PALERMO TRACT" DATED FEB. 22, 1977 AS
- RECORDED IN PLAN BOOK 153, PAGE 4 ON 3-16-77. 23. PLAN ENTITLED "FINAL PLAN OF SUBDIVISION OF LANDS OF WILLIAM &
- HERTA EHLERS LAST REVISED 11-5-81 AS RECORDED IN PLAN BOOK 212, PAGE 8 ON 12-7-81. 24. PLAN ENTITLED "FINAL PLAN MINOR SUBDIVISION OF LANDS OF B.& C.
- REALTY CO. DATED 8-12-82 LAST REVISED 9-27-82 AS RECORDED IN PLAN BOOK 215, PAGE 27 ON 9-29-82. 25. PLAN ENTITLED "SUBDIVISION PLAN (3 OF 3) DOYLESTOWN KNOLL" DATED

12-21-88 LAST REVISED 6-1-94 AS RECORDED IN PLAN BOOK 275,

26. PLAN ENTITLED "PRELIMINARY/FINAL PLAN OF MINOR SUBDIVISION FOR MARY E. SIMMONS" DATED MAY 15, 1997 AND LAST REVISED DEC. 4. 1997 AS RECORDED IN PLAN BOOK 290, PAGE 45A ON 12-23-97.

PAGE 92A-1 AS RECORDED ON 8-12-92.

ACT 287 UTILITY USER

COMPANY: DOYLESTOWN TOWNSHIP MUNICIPAL AUTHORITY ADDRESS: 425 WELLS RD

DOYLESTOWN, PA 18901 CONTACT: SCOTT MIELE EMAIL: smiele@doylestownpa.org

COMPANY: DOYLESTOWN TOWNSHIP ADDRESS: 425 WELLS RD

CONTACT: PAUL GARR COMPANY: BUCKS COUNTY WATER AND SEWER AUTHORITY

ADDRESS: 1275 ALMSHOUSE RD WARRINGTON, PA 18976 CONTACT: JÁMES NAPOLEON

DOYLESTOWN, PA 18901

COMPANY: PECO ENERGY ADDRESS: C/O USIC 450 S HENDERSON RD SUITE B KING OF PRUSSIA, PA 19406

CONTACT: GAVIN HEWITT

EMAIL: gavinhewitt@usicinc.com COMPANY: COMCAST CABLE COMMUNICATIONS INC

ADDRESS: 55 INDUSTRIAL DRIVE IVYLAND, PA 18974 CONTACT: KATHIE BROWN

EXTON, PA 19341

COMPANY: VERIZON PENNSYLVANIA LLC ADDRESS: 180 SHEREE BLVD STE 2100 ROOM N/A

CONTACT: KELLY BLOUNT EMAIL: kelley.b.blount@verizon.com

LIST OF DRAWING SHEETS

SANITARY SEWER DRAWINGS SHT. NO.

```
LIST OF DRAWINGS AND CONSTRUCTION NOTES
INDEX PLAN
GEOTECHNICAL BORING LOCATION PLAN
EASEMENT TO CASTLE VALLEY INTERCEPTOR
SHADY BROOK CIRCLE & EASEMENTS
PEBBLE RIDGE ROAD STA. 0+00 TO 14+66
PEBBLE RIDGE ROAD STA. 0+00 TO 19+24
STONY LANE & STONY LANE CIRCLE
WOODRIDGE DRIVE STA. 0+00 TO 11+14
WOODRIDGE DRIVE STA. 0+00 TO 7+65
MILITIA HILL ROAD STA. 0+00 TO 14+12
MILITIA HILL ROAD STA. 14+12 TO 18+44 & FORGE ROAD
ALMSHOUSE ROAD STA. 0+00 TO 16+00
ALMSHOUSE ROAD & TURK ROAD STA. 16+00 TO 24+72
DOE RUN ROAD LOW PRESSURE SEWER
EASEMENTS TO PUMP STATION & OLD NEW ROAD, EAST RUN STA. 0+00 TO 13+00
EASEMENTS TO PUMP STATION & OLD NEW ROAD, EAST RUN STA. 13+00 TO 29+03
EASEMENTS TO OLD NEW ROAD, WEST RUN STA. 0+00 TO 12+03
OLD NEW ROAD STA. 0+00 TO 4+56; STA. 0+00 TO 8+97
BUCK ROAD STA. 0+00 TO 17+00
BUCK ROAD STA. 17+00 TO 22+19
ANVIL LANE & SPRINGDALE ROAD
WESTAWAY LANE
WILLOW LANE STA. 0+00 TO 4+75: STA. 0+00 TO 5+72: STA. 0+00 TO 2+00
WILLOW LANE STA. 2+00 TO 18+20
EASEMENTS FROM OLD NEW ROAD TO WILLOW LANE; DAVID'S WAY STA. 0+00 TO 6+66
OLD NEW ROAD STA. 0+00 TO 15+64
OLD NEW ROAD STA. 0+00 TO 6+34 & BRISTOL ROAD
DAVIDS WAY STA. 0+00 TO 8+50 & LINDA LANE
```

PA ONE-CALL NUMBERS

CONSTRUCTION DETAILS

CONSTRUCTION DETAILS

CONSTRUCTION DETAILS

I A. ONL CALL NOWDENS		
2017-2652328	2017-2652500	2017-2652674
2017-2652345	2017-2652518	2017-2652681
2017-2652363	2017-2652533	2017-2652695
2017-2652371	2017-2652540	2017-2652698
2017-2652396	2017-2652551	2017-2652704
2017-2652407	2017-2652593	2017-2652716
2017-2652425	2017-2652601	2017-2652720
2017-2652433	2017-2652612	2017-2652724
2017-2652459	2017-2652622	2017-2652729
2017-2652476	2017-2652632	2017-2652736
2017-2652493	2017-2652645	2017-2652743

——— [——— EXISTING GAS LINE ————— EXISTING WATER SERVICE $\underline{} \underline{} \underline{\phantom{$ -----CTV----- EXISTING CABLE TV ——— T ——— EXISTING TELEPHONE — F — EXISTING ELECTRIC EXISTING WATER SERVICE ——— EXISTING STREAM ———— X ———— EXISTING FENCE EXISTING SPOT ELEVATION EXISTING UTILITY POLE EXISTING SIGN ———— S ———— EXISTING SANITARY SEWER EXISTING SANITARY MANHOLE EXISTING STORM INLET PROPERTY LINE _____ LEGAL / ULTIMATE RIGHT OF WAY

—— PROPOSED LOW PRESSURE SAN SEWER

PROPOSED SANITARY MANHOLE

--- S --- PROPOSED SANITARY SEWER

EXISTING GRADE EXISTING TREE LINE

LEGEND

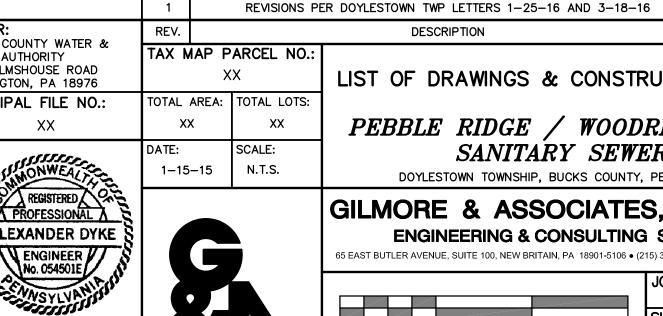
LOCATIONS OF EXISTING UNDERGROUND UTILITIES/FACILITIES SHOWN HEREON HAVE BEEN DEVELOPED FROM RECORDS. FIELD MARKOUTS BY UTILITY OWNERS. AND/OR ABOVE-GROUND OBSERVATION OF THE SITE. NO EXCAVATIONS WERE PERFORMED IN THE PREPARATION OF THESE DRAWINGS THEREFORE ALL UTILITIES SHOWN SHOULD BE CONSIDERED APPROXIMATE IN LOCATION, DEPTH, AND SIZE. THE POTENTIAL EXISTS FOR OTHER UNDERGROUND UTILITIES/FACILITIES TO BE PRESENT WHICH ARE NOT SHOWN ON THE DRAWINGS. ONLY THE VISIBLE LOCATIONS OF UNDERGROUND UTILITIES/FACILITIES AT THE TIME OF FIELD SURVEY SHALL BE CONSIDERED TRUE AND ACCURATE. COMPLETENESS OR ACCURACY OF UNDERGROUND UTILITIES/FACILITIES ARE NOT GUARANTEED BY GILMORE & ASSOCIATES INC.

ALL CONTRACTORS WORKING ON THIS PROJECT SHALL VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES/FACILITIES PRIOR TO START OF WORK AND SHALL COMPLY WITH THE REQUIREMENTS OF P.L. 852, NO. 287 DECEMBER 10, 1974 AS LAST AMENDED ON OCTOBER 9, 2008, PENNSYLVANIA ACT 121. GILMORE & ASSOCIATES INC. HAS OBTAINED A PA-ONE CALL SERIAL NUMBER AS NOTED HEREON FOR DESIGN PURPOSES

PENNSYLVANIA ONE CALL SYSTEM, INC.

BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA! CALL 1-800-242-1776 NON-MEMBERS MUST BE CONTACTED DIRECTLY PA LAW REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE, DRILL, BLAST OR DEMOLISH SEE SHEET NO. 1 FOR SERIAL NUMBERS

REV. BUCKS COUNTY WATER & SEWER AUTHORITY 1275 ALMSHOUSE ROAD 'ARRINGTON, PA 18976 MUNICIPAL FILE NO.: **ALEXANDER DYKE**



LIST OF DRAWINGS & CONSTRUCTION NOTES PEBBLE RIDGE / WOODRIDGE AREA SANITARY SEWERS DOYLESTOWN TOWNSHIP, BUCKS COUNTY, PENNSYLVANIA GILMORE & ASSOCIATES, INC. **ENGINEERING & CONSULTING SERVICES** 65 EAST BUTLER AVENUE, SUITE 100, NEW BRITAIN, PA 18901-5106 ● (215) 345-4330 ● www.gilmore-assoc.co 2013-0507 SCALE DESIGNED BY: DRAWN BY: CHECKED BY: BMB/TJF/HDS/JM CB/BMB/TJF

ISSUED FOR CONSTRUCTION

8-3-18 JM

└ 6-3-16 │ BMB

DATE BY

ONLY THOSE PLANS INCORPORATING THE RAISED PROFESSIONAL SEAL SHOULD BE CONSIDERED OFFICIAL AND RELIED UPON BY USER. THI PLAN IS PREPARED SPECIFICALLY FOR THE CLIENT AND PROJECT DESIGNATED HEREON. MODIFICATION, REVISION, DUPLICATION OR USE WITHOUT THE CONSENT OF GILMORE & ASSOCIATES, INC. IS PROHIBITED © COPYRIGHT 2015 GILMORE & ASSOCIATES, INC. ALL RIGHTS RESERVED