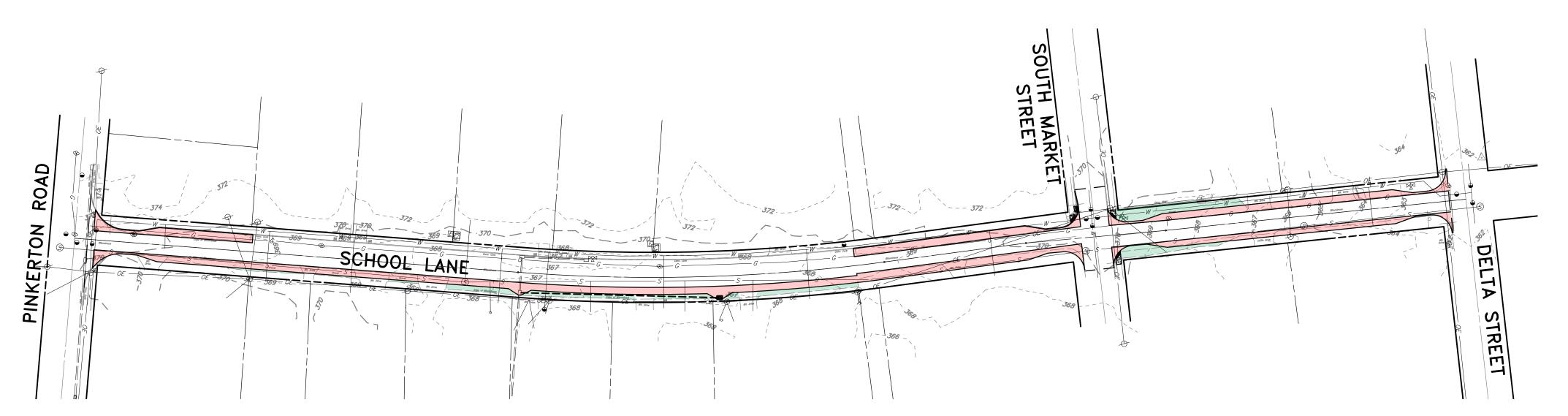
# CONSTRUCTION PLANS

**FOR** 

# SCHOOL LANE

# MOUNT JOY BOROUGH, LANCASTER COUNTY, PA



# LOCATION MAP

#### **CLIENT**

MOUNT JOY BOROUGH 21 EAST MAIN STREET MOUNT JOY, PA 17552

0

0

02/22/24

SHEET NO. \_\_\_1\_\_ OF \_\_\_9\_

#### PA ONE CALL UNDERGROUND UTILITY PROTECTION ACT

PURSUANT TO THE PROVISIONS OF ACT NO. 287 OF 1974, AS AMENDED BY ACT 187 OF 1996, ACT 181 OF 2006, ACT 160 OF 2016 AND ACT 50 OF 2017 OF THE PENNSYLVANIA STATE LEGISLATURE, RETTEW ASSOCIATES, INC. HAS PERFORMED THE FOLLOWING IN PREPARING THESE DRAWINGS REQUIRING EXCAVATION OR DEMOLITION WORK AT SITES WITHIN THE POLITICAL SUBDIVISION(S) SHOWN ON THE DRAWINGS:

- 1. PURSUANT TO SECTION 4, CLAUSE (2) OF SAID ACT, RETTEW ASSOCIATES, INC. REQUESTED FROM EACH FACILITY OWNER DESIGNATED ON SUCH LIST PROVIDED BY THE ONE CALL SYSTEM NOTIFICATION, THE INFORMATION PRESCRIBED BY SECTION 2, CLAUSE (4) OF SAID ACT. NOT LESS THAN TEN (10) NOR MORE THAN NINETY (90) BÚSINESS DAYS BEFORE FINAL DESIGN IS TO BE COMPLETED.
- 2. PURSUANT TO SECTION 4, CLAUSE (5) OF SAID ACT, RETTEW ASSOCIATES, INC. HAS MET THEIR OBLIGATIONS OF CLAUSE (2) BY CALLING THE PENNSYLVANIA ONE CALL SYSTEM SERVING THE LOCATION WHERE THE WORK IS TO BE PERFORMED, AND SHOWING THE ASSOCIATED SERIAL NUMBER(S) ON THIS/THESE DRAWING(S).
- 3. PURSUANT TO SECTION 4, CLAUSE (3) OF SAID ACT, RETTEW ASSOCIATES, INC. HAS SHOWN UPON THIS/THESE DRAWING(S) THE POSITION AND TYPE OF EACH FACILITY, AS DERIVED PURSUANT TO THE REQUEST MADE AS REQUIRED BY CLAUSE (2),
- 4. PURSUANT TO SECTION 4, CLAUSE (5) OF SAID ACT, RETTEW ASSOCIATES, INC. HAS SHOWN UPON THIS/THESE DRAWING(S) THE TOLL-FREE NUMBER FOR THE ONE CALL SYSTEM AND THE SERIAL NUMBER(S) FOR THE ASSOCIATED ONE CALL SYSTEM NOTIFICATION(S),

ADDITIONALLY, RETTEW ASSOCIATES, INC. DOES NOT MAKE ANY REPRESENTATION, WARRANTY, ASSURANCE OR GUARANTEE THAT THE INFORMATION RECEIVED PURSUANT TO SAID REQUEST, AND AS REFLECTED ON THIS/THESE DRAWING(S). IS CORRECT OR ACCURATE. INFORMATION REFLECTED ON THIS/THESE DRAWING(S) IS SHOWN AS REQUIRED BY SAID ACT NO. 160 OF 2016, AND AS PROVIDED BY THE FACILITY OWNER PURSUANT TO SECTION 2, CLAUSE (4) OF SAID ACT.

CALL BEFORE YOU DIG! PENNSYLVANIA LAW REQUIRES THREE (3) WORKING DAYS NOTICE FOR CONSTRCTION PHASE AND TEN (10) WORKING DAYS IN DESIGN STAGE - STOP CALL

IT IS THE CLIENT'S RESPONSIBILITY TO NOTIFY RETTEW NO LESS THAN 10 DAYS AND NO MORE THAN 90 DAYS PRIOR TO THE CONSTRUCTION BEGIN DATE. THIS NOTIFICATION WILL ALLOW US TO UPDATE THE PA811 ONE CALL TICKETS ASSOCIATED WITH THIS PROJECT, WHICH IS A REQUIREMENT UNDER ACT 287.

#### **GENERAL NOTES:**

I. BASIS OF BEARINGS IS PENNSYLVANIA STATE PLANE COORDINATE SYSTEM, PA SOUTH ZONE, NAD 83. 2. BENCHMARK: REBAR #10000 LOCATED AT THE NORTHEAST CORNER OF THE INTERSECTION OF SCHOOL LANE AND DELTA STREET, ELEV. 362.38', NAVD 88 DATUM.

SURVEY PERFORMED BY RETTEW ASSOCIATES, INC. IN JANUARY 2024.

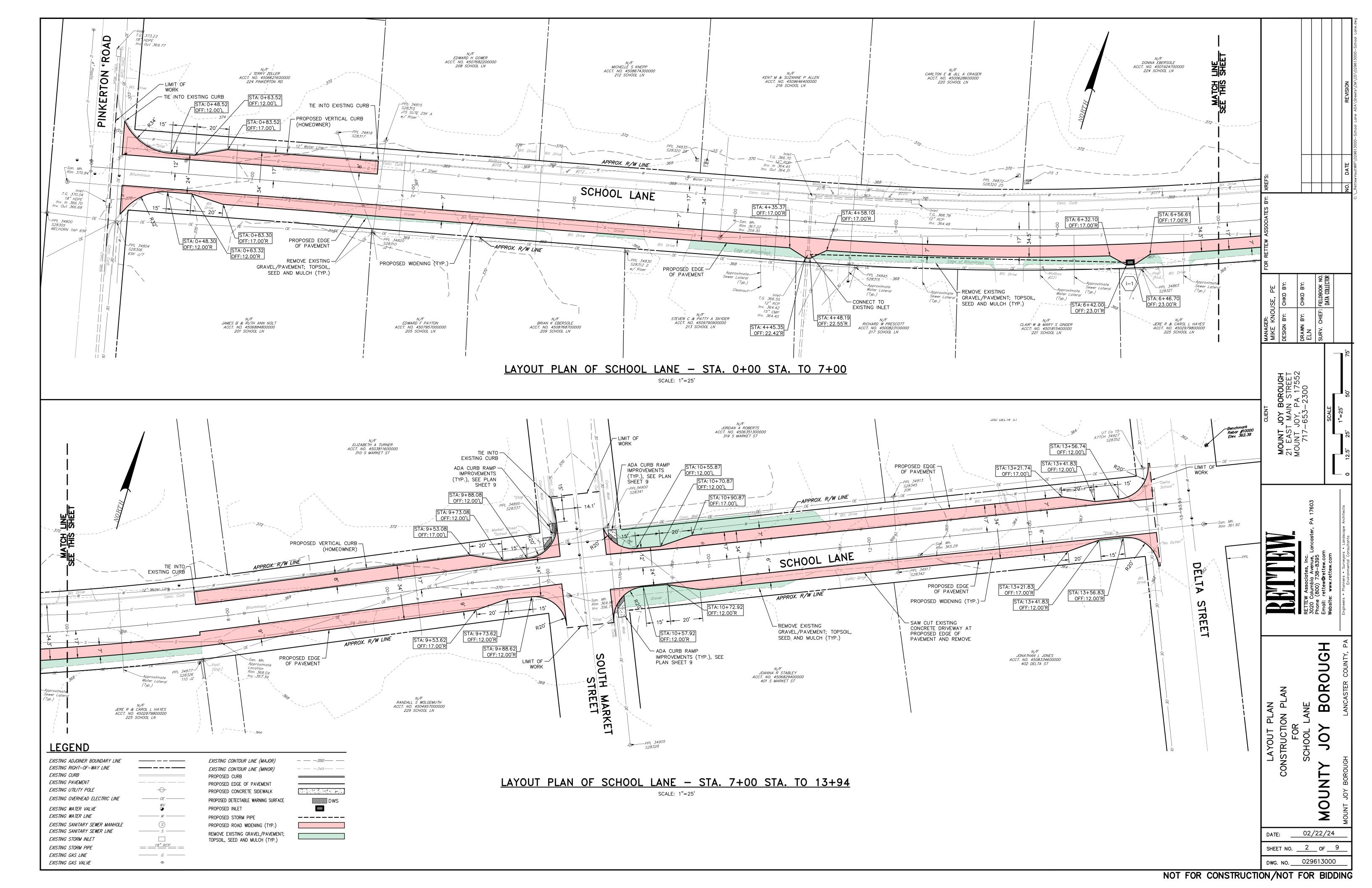
4. UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE AND WERE DETERMINED FROM VISIBLE LOCATION, PA ONE CALL UTILITY RESPONSES AND/OR BEST AVAILABLE PLAN INFORMATION. (RETTEW CANNOT GUARANTEE THE EXACT LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES. AN EXACT LOCATION CAN ONLY BE OBTAINED BY SUBSURFACE EXPLORATION, WHICH IS NOT A PART OF THIS CONTRACT PERFORMANCE).

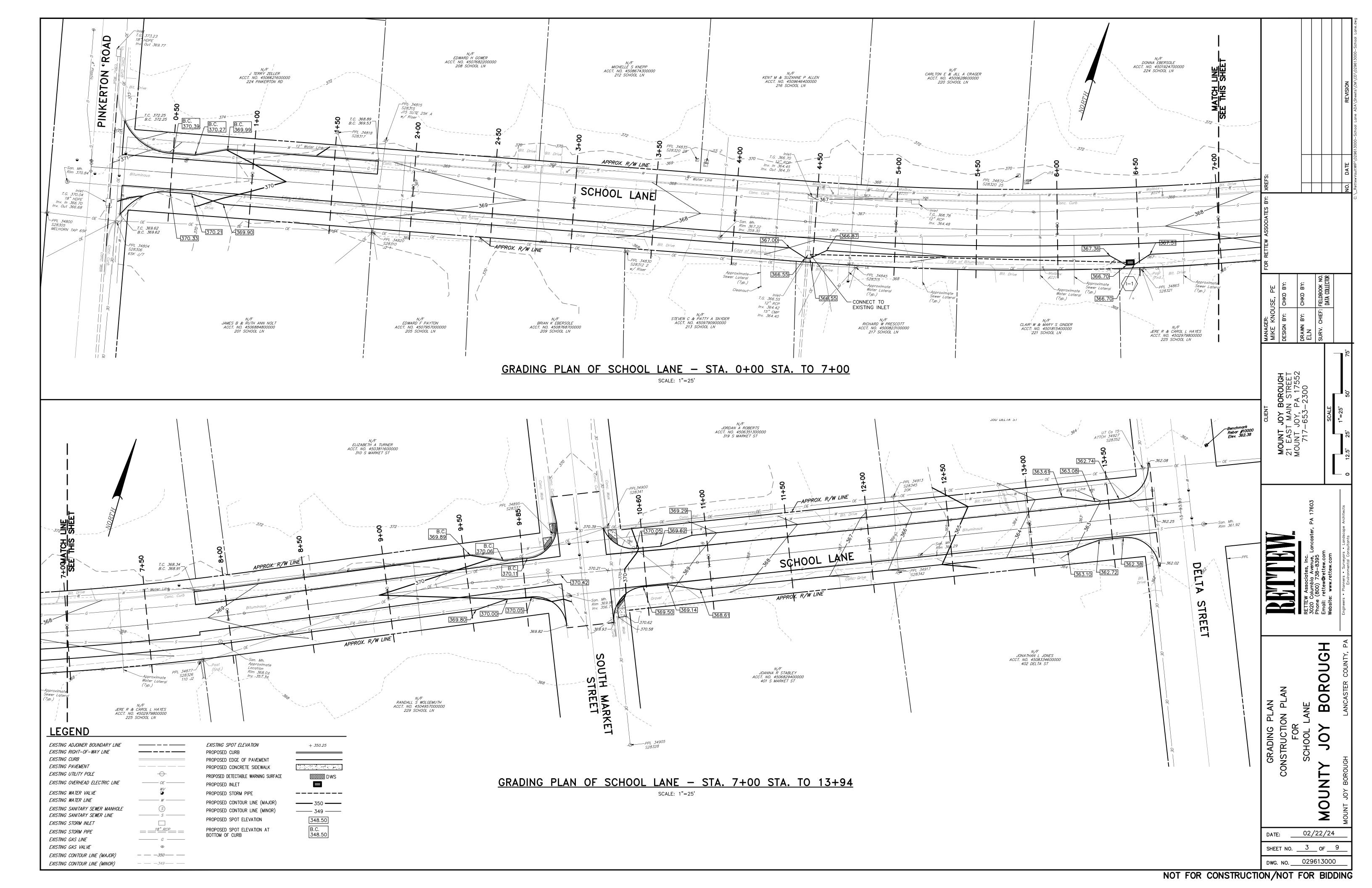
PLAN SHEET NO. 1 OF 9. . . . . . . . . . COVER SHEET 2 OF 9. . . . . . . . LAYOUT PLAN 3 OF 9. . . . . . . . . GRADING PLAN 4 OF 9. . . . . . . . SCHOOL LANE PROFILE 5 OF 9. . . . . . . . . SCHOOL LANE CROSS-SECTIONS 6 OF 9. . . . . . . . SCHOOL LANE CROSS-SECTIONS 7 OF 9. . . . . . . . SCHOOL LANE CROSS-SECTIONS & PIPE PROFILE 8 OF 9. . . . . . . . . CONSTRUCTION DETAILS 9 OF 9. . . . . . . . ADA CURB RAMP IMPROVEMENTS

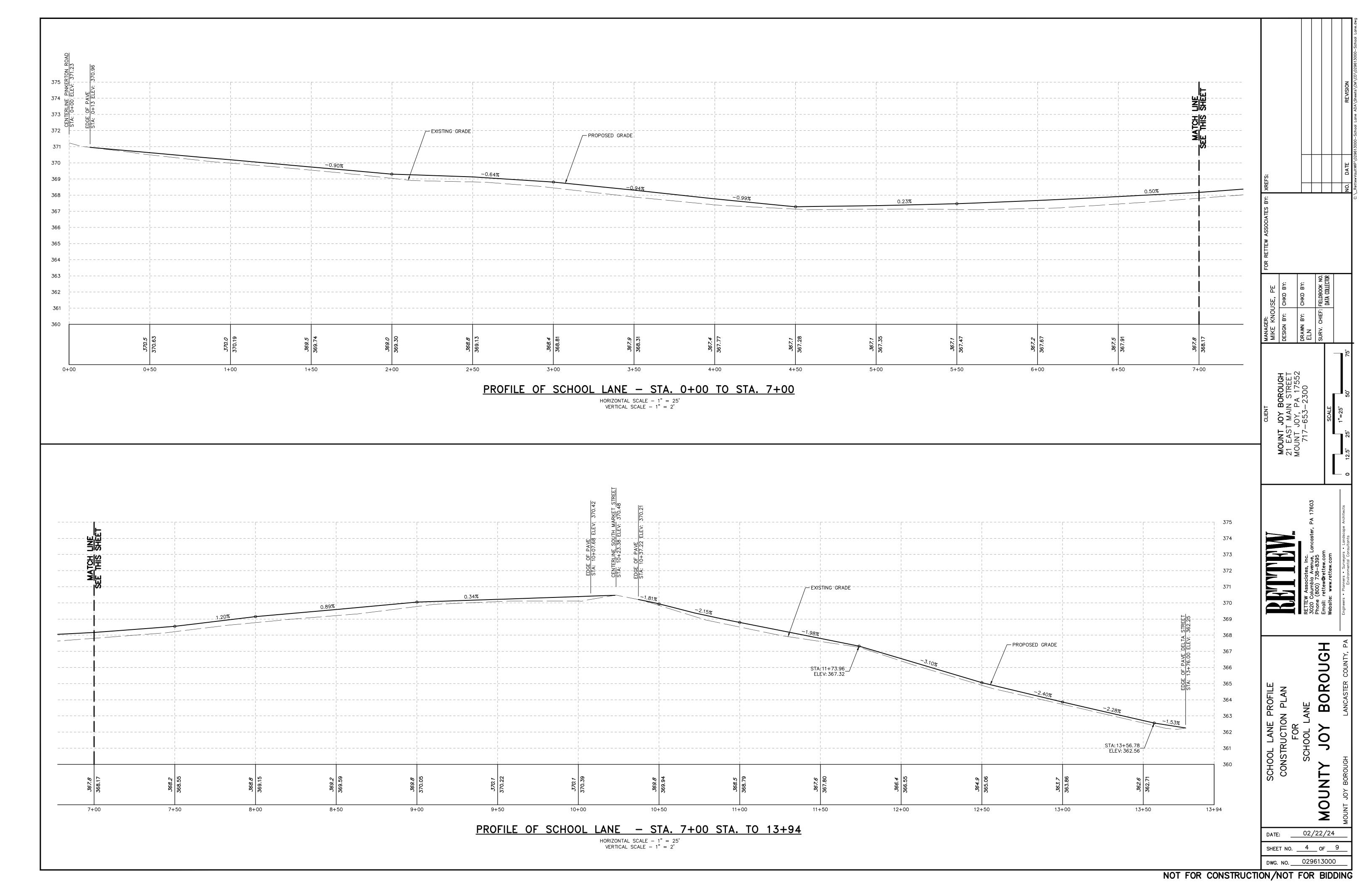
#### LIST OF DRAWINGS

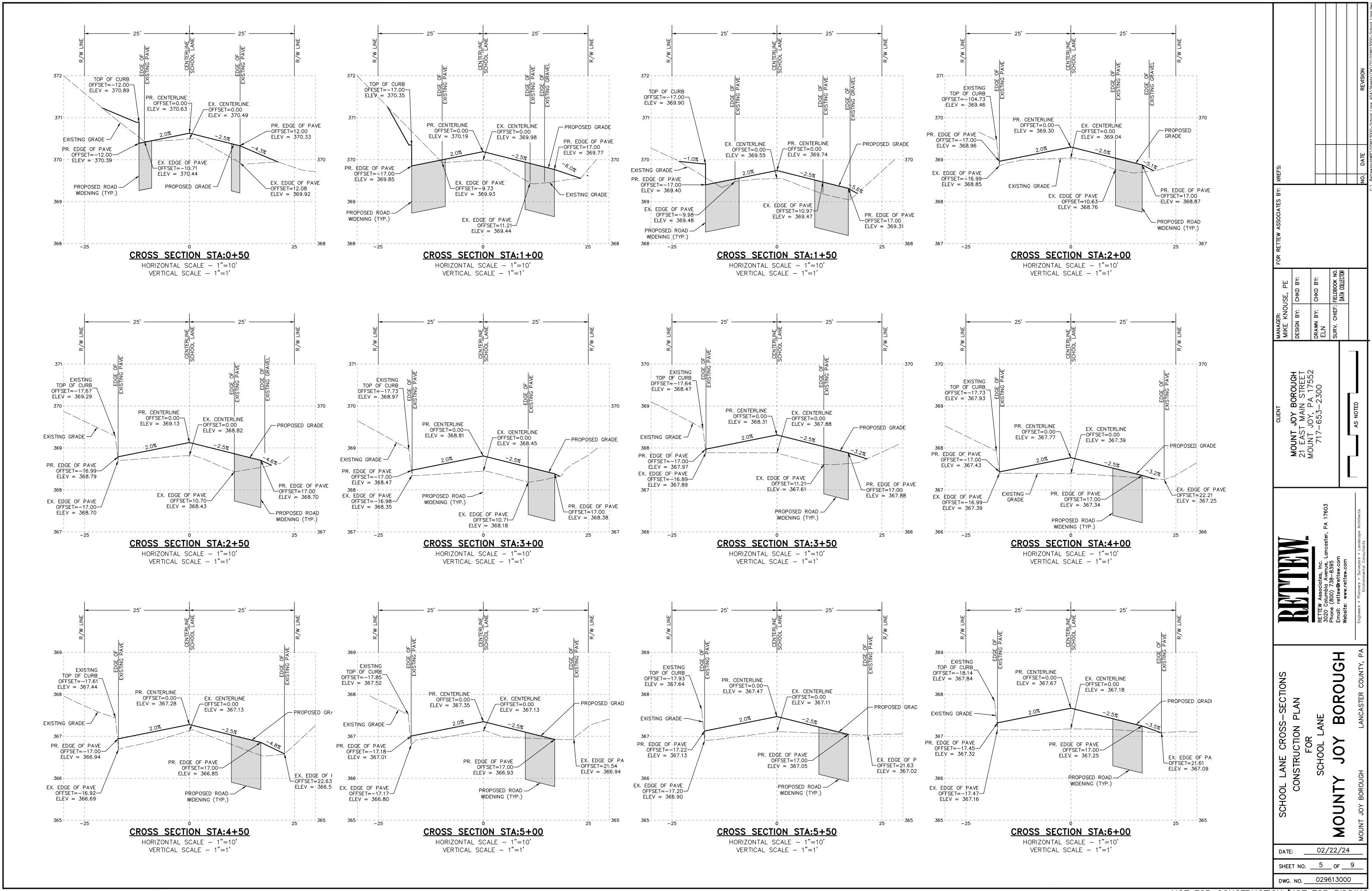
DWG. NO. 029613000 NOT FOR CONSTRUCTION/NOT FOR BIDDING

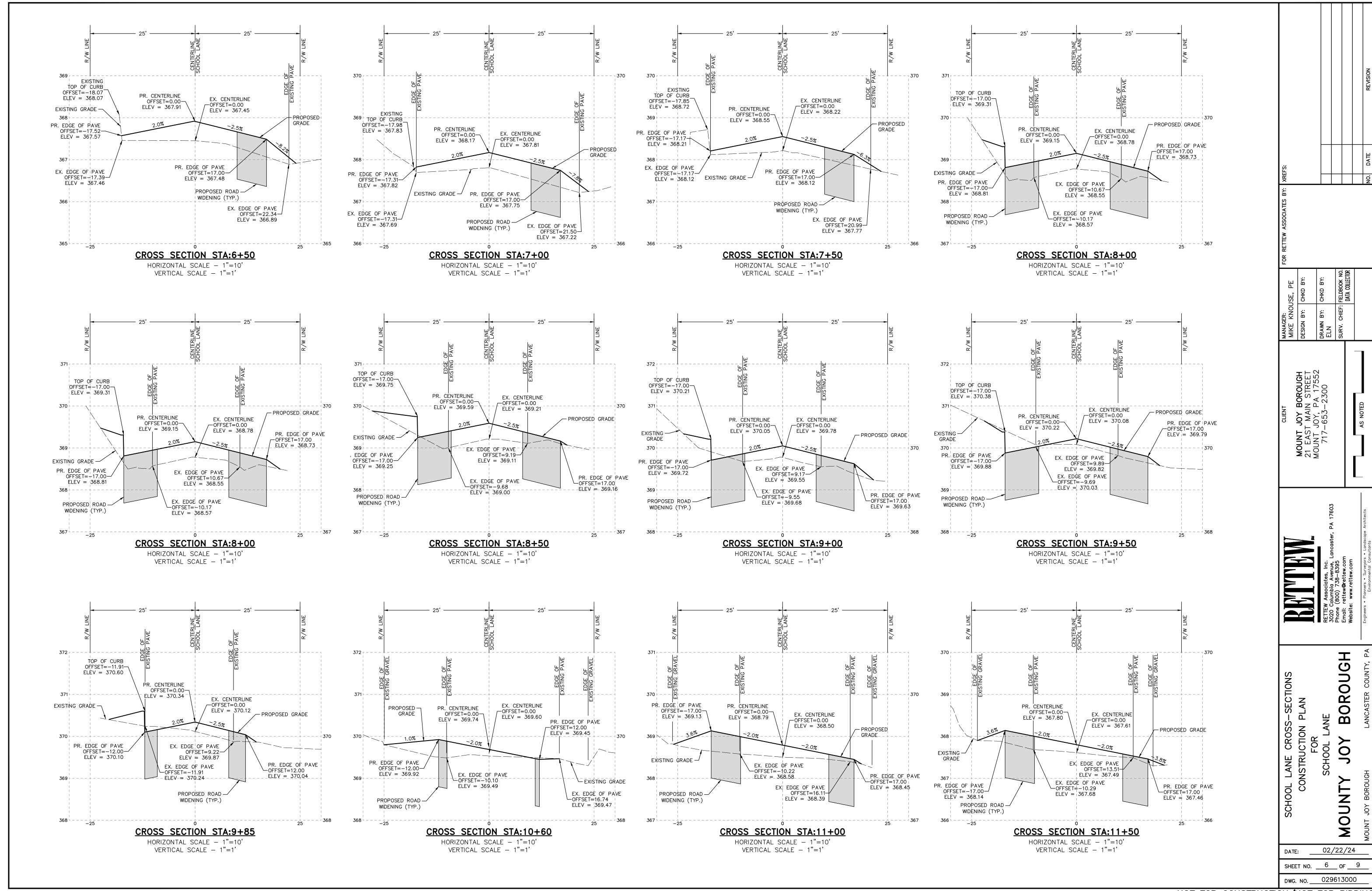
COVER SHEE

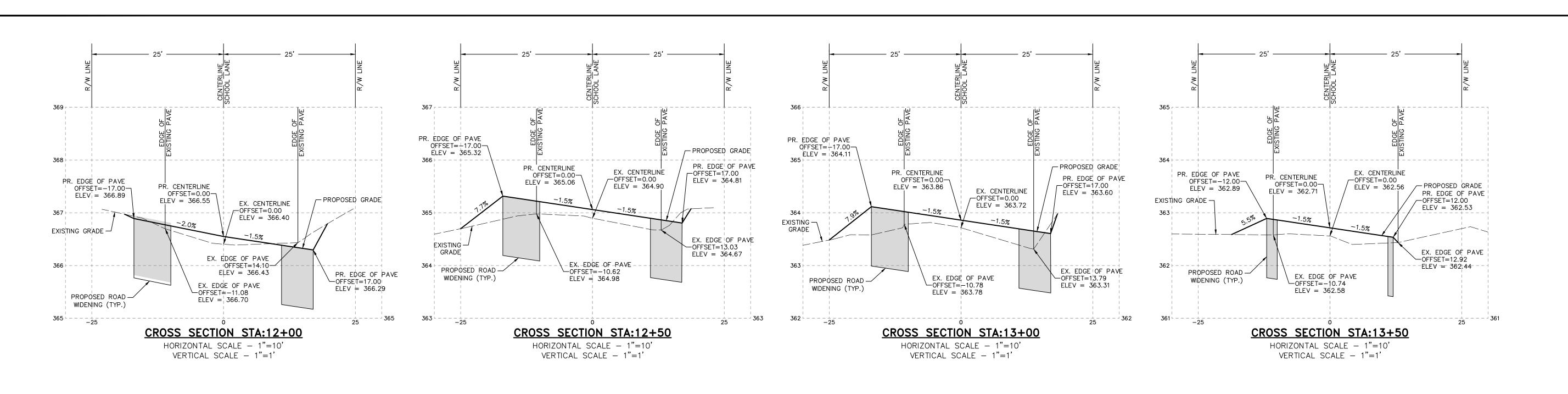


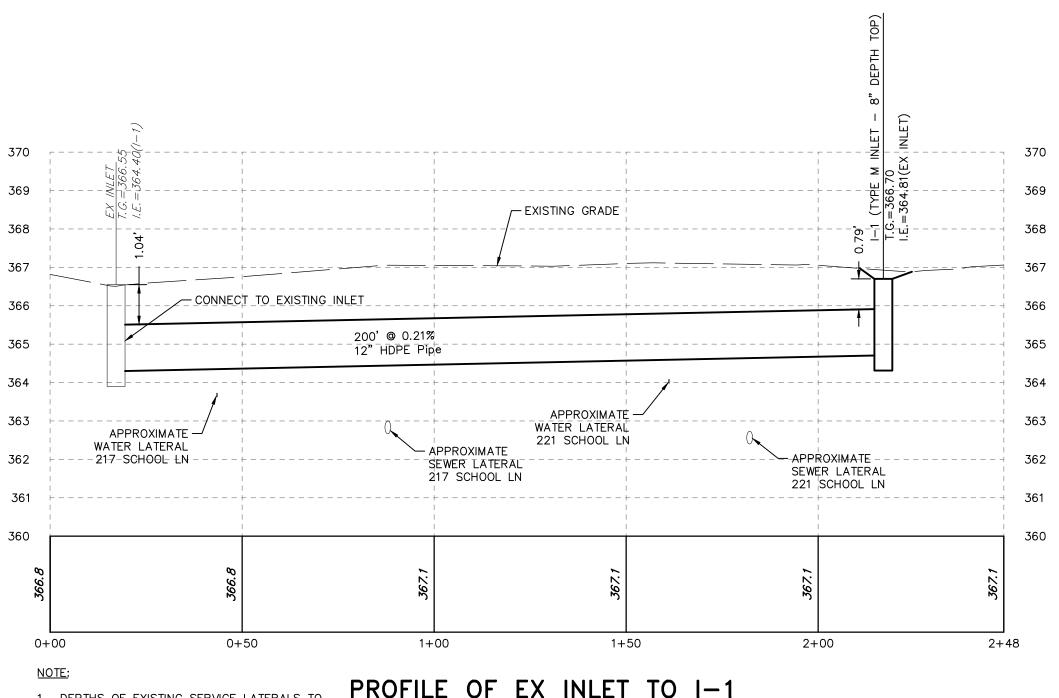












NOTE:

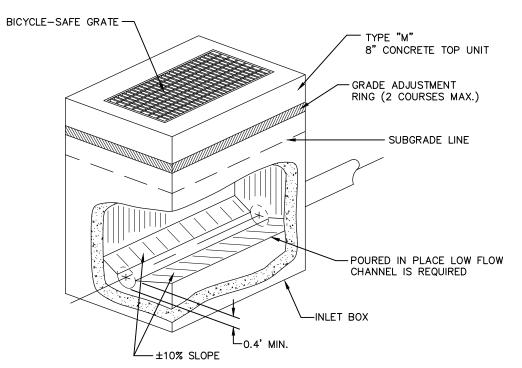
1. DEPTHS OF EXISTING SERVICE LATERALS TO BE FIELD VERIFIED.

PROFILE OF EX INLET TO I—1

HORIZONTAL SCALE — 1" = 25'
VERTICAL SCALE — 1" = 2'

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SHEET NO. \_\_\_\_7\_\_ OF \_\_\_\_9



## NOTE: ALL DRAINAGE STRUCTURE RISERS SHALL BE PRE—CAST OR POURED IN PLACE CONCRETE. BRICKS WILL NOT BE PERMITTED.

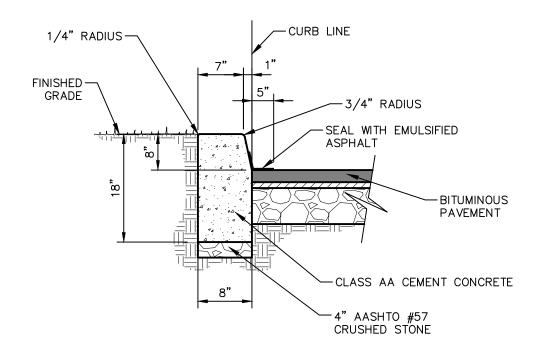
#### TYPE M INLET NOT TO SCALE

┌ 1 1/2" WEARING COURSE COMPACTED SUPERPAVE ASPHALT MIXTURE DESIGN, WEARING COURSE, PG 64S-22, 0.3 TO < 3.0 MILLION ESALS, 9.5 MM, SRL-M \_ 4" BINDER COURSE COMPACTED SUPERPAVE ASPHALT MIXTURE DESIGN, BINDER COURSE, PG 64S-22, 0.3 TO < 30 MILLION ESAL'S, 25.0 MM -TAMPED EDGE @ 45° -8" 2A MODIFIED COARSE AGGREGATE - THOROUGHLY COMPACTED SUBGRADE NOTES:

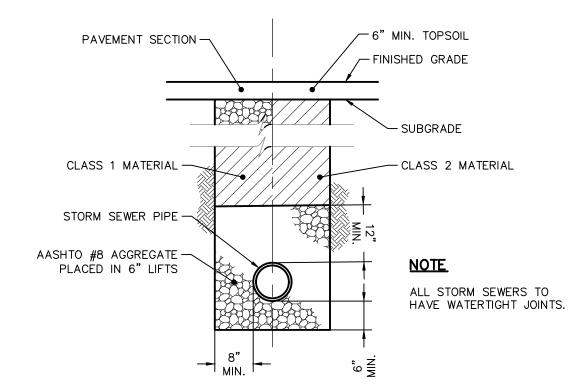
- 1. APPLIES TO AREAS WITHIN BOROUGH R/W..
- 2. THICKNESS LISTED ARE THE COMPACTED THICKNESS. 3. MATERIALS TO BE PLACED ON AN APPROVED SUBGRADE.

#### BITUMINOUS PAVING SECTION

NOT TO SCALE



### VERTICAL CURB DETAIL



#### CLASSIFICATION OF MATERIALS

AASHTO #8 AGGREGATE SHALL CONFORM TO PennDOT PUBLICATION 408, SECTION 703.3.

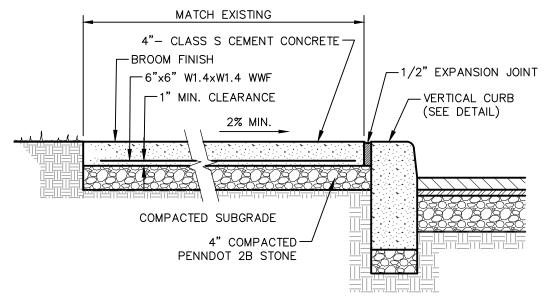
CLASS 1 -THIS MATERIAL SHALL CONSIST OF 2A COARSE AGGREGATE OR 2RC STONE FREE OF SLAG, EXCEPT IN WET OR UNSTABLE AREAS WHERE THE BEDDING MAY BE NO. 57 COARSE AGGREGATE. ALL MATERIALS SHALL CONFORM TO PENNDOT PUBLICATION 408, SECTION 703.3.

CLASS 2 - THIS MATERIAL SHALL CONSIST OF EXCAVATED MATERIAL FREE FROM CINDERS, ASHES, REFUSE, VEGETABLE OR ORGANIC MATERIAL, BOULDERS, ROCKS NO LARGER THAN FOUR (4) INCHES IN DIMENSION, STONE OR OTHER MATERIAL WHICH IN THE OPINION OF THE ENGINEÈR IS UNSUITABLE.

A GEOTECHNICAL PROFESSIONAL, AS APPROVED BY THE TOWNSHIP SHALL APPROVE: THE ROADWAY SUBGRADE MATERIAL AND COMPACTION; ROADWAY FILL MATERIAL AND COMPACTION. IF UNSUITABLE SUBGRADE CONDITIONS ARE ENCOUNTERED, THE GEOTECHNICAL PROFESSIONAL SHALL PROVIDE SPECIFIC RECOMMENDATIONS FOR REMEDIATION SUBJECT TO THE APPROVAL OF

#### TYPICAL STORM SEWER - TRENCH BACKFILL

NOT TO SCALE



NOTES:

1. CONCRETE SHALL BE CONSTRUCTED BY POURING CONCRETE IN SEPARATE SLABS THIRTY (30) FEET IN LENGTH AND SHALL BE COMPLETELY SEPARATED BY ONE-QUARTER (1/4) INCH EXPANSION JOINT AND SCORED EVERY FIVE (5) FEET

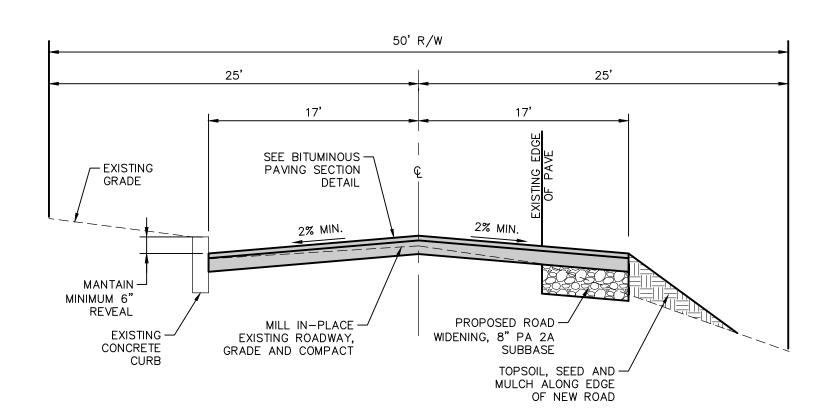
- 2. ALL SIDEWALKS TO HAVE A MAX. 2% CROSS SLOPE.

  3. CONCRETE SHALL BE PLACED IN FORMS THAT ARE STRAIGHT AND SECURELY BRACED.

  4. CARE SHALL BE TAKEN TO CONTROL THE WATER CONTENT TO PREVENT SEPARATION OF
- 5. CONCRETE SHALL HAVE A BROOM FINISH AND EDGES SHALL BE FINISHED WITH AN EDGING

#### CONCRETE WALK DETAIL

NOT TO SCALE



TYPICAL STREET CROSS-SECTION NOT TO SCALE

OROUGH CONSTRUCTION DETAILS
CONSTRUCTION PLAN
FOR  $\mathbf{\Omega}$ JOY IOUNT 02/22/24 SHEET NO. \_\_\_8\_\_ OF \_\_\_9 DWG. NO. 029613000

NOT FOR CONSTRUCTION/NOT FOR BIDDING

