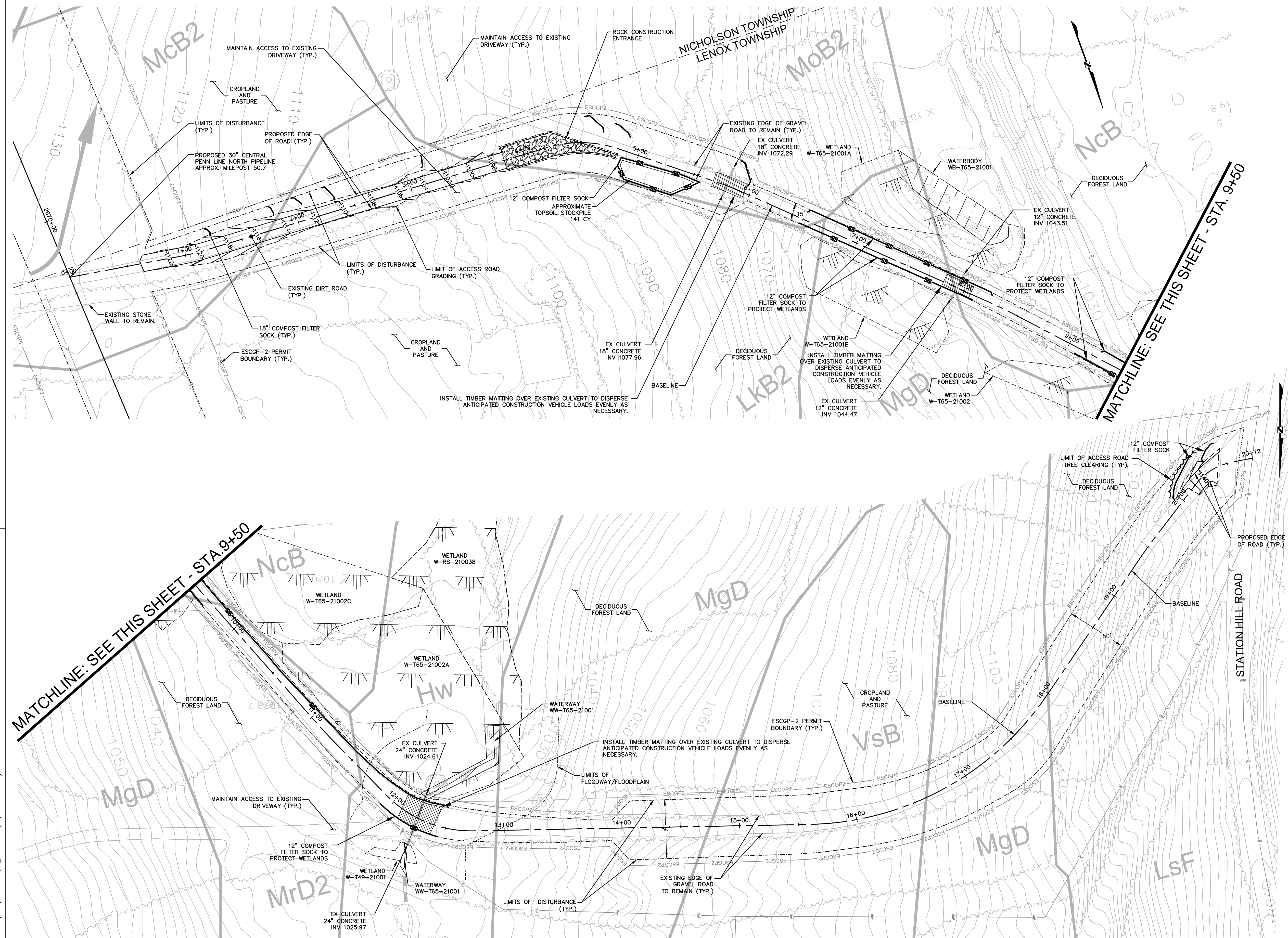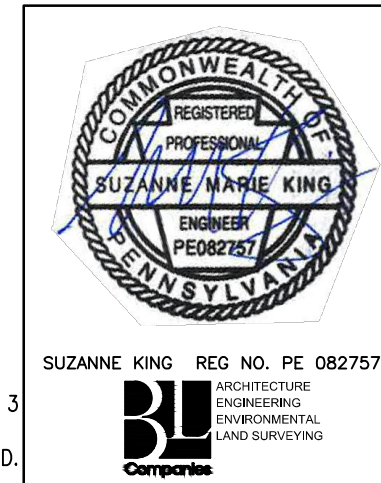## ROAD SPECIFIC CONSTRUCTION SEQUENCE:

1. AT LEAST 7 DAYS PRIOR TO STARTING EARTH DISTURBANCE ACTIVITIES, INCLUDING CLEARING AND GRUBBING, THE OWNER AND/OR OPERATOR SHALL INVITE ALL CONTRACTORS, ENVIRONMENTAL INSPECTORS, THE LANDOWNER, APPROPRIATE MUNICIPAL OFFICIALS, THE E&S PLAN PREPARER, THE PCSM PLAN PREPARER, THE LICENSED PROFESSIONAL RESPONSIBLE FOR OVERSIGHT OF CRITICAL STAGES OF IMPLEMENTATION OF THE PCSM PLAN, AND A REPRESENTATIVE FROM THE LOCAL CONSERVATION DISTRICT TO AN ON-SITE PRECONSTRUCTION MEETING.

2. AT LEAST 3 DAYS PRIOR TO STARTING EARTH DISTURBANCE ACTIVITIES, OR EXPANDING INTO AN AREA PREVIOUSLY UNMARKED, THE PENNSYLVANIA ONE CALL SYSTEM INC. SHALL BE NOTIFIED AT 1-800-242-1776 FOR THE LOCATION OF EXISTING UNDERGROUND UTILITIES.

3. HOLD PRE-CONSTRUCTION CONFERENCE WITH THE ENVIRONMENTAL INSPECTORS, LOCAL COUNTY CONSERVATION DISTRICT (CCD), PADEP, AND DESIGN ENGINEER.

4. SURVEY CREWS LOCATE AND STAKE ALL SPECIAL AREAS OF CONCERN (E.G., WETLANDS, STREAMS, CULVERTS, OTHER UTILITIES, ETC.), EDGE OF PROPOSED ACCESS ROAD, AND FIELD LOCATE THE LIMIT OF DISTURBANCE.

5. INSTALL ORANGE CONSTRUCTION FENCE AROUND AREAS TO BE PRESERVED.

6. LOCATE STAGING AREAS AND ACCESS POINTS INCLUDING ROCK CONSTRUCTION ENTRANCE. INSTALL COMPOST FILTER SOCK DOWN SLOPE OF THIS AREA.

7. PERFORM TREE CUTTING WHERE REQUIRED. (AREAS WITH TREE CUTTING WILL BE RESTORED TO MEADOW IN GOOD CONDITION.)

8. INSTALL ROCK CONSTRUCTION ENTRANCE.

9. INSTALL TIMBER MATTING OVER CULVERTS AT LOCATIONS NOTED ON PLANS.

10. REMOVE BRUSH TO EFFECTIVELY INSTALL COMPOST FILTER SOCK, LEVEL SIDE CUTS TO GRANT ACCESS FOR VEHICLES AND WORKERS TO SAFELY PERFORM THE INSTALLATION OF COMPOST FILTER SOCK.

11. INSTALL COMPOST FILTER SOCK AS DEPICTED ON THE E&SC DRAWINGS.

12. APPLY STABILIZATION MEASURES IMMEDIATELY TO DISTURBED AREAS DUE TO THE INITIAL CLEARING AND INSTALLATION OF COMPOST FILTER SOCK.

13. THE COMPLIANCE MANAGER SHALL PROVIDE PADEP AT LEAST THREE DAYS' NOTICE PRIOR TO BULK EARTH DISTURBANCE AND UPON COMPLETED INSTALLATION OF COMPOST FILTER SOCK.

14. IF APPLICABLE, INSTALL SECURITY FENCE. THE NECESSITY OF A SECURITY FENCE WILL BE AT THE DISCRETION OF THE CONTRACTOR.

15. PROCEED WITH MAJOR CLEARING AND GRUBBING.

16. BEGIN CONSTRUCTION STAKING FOR LAYOUT OF ACCESS ROAD.

17. BEGIN GRADING AND STRIP AND STOCKPILE TOPSOIL; INSTALL COMPOST FILTER SOCK AROUND STOCKPILES. SOIL STOCKPILE AREAS TO SUPPORT THE ACCESS ROADS SHALL BE LOCATED WITHIN THE AREA OF MINIMUM DISTURBANCE/REDUCED GRADING FOR THE SAME ACCESS ROAD THAT THE TOPSOIL WAS STRIPPED, OR WITHIN THE PIPELINE ROW. STOCKPILED SOIL SHALL NOT EXCEED 35 FEET IN HEIGHT, HAVE MAXIMUM SIDE SLOPES OF 2:1, AND BE SURROUNDED BY 12" COMPOST FILTER SOCK. ALL EXISTING EXCAVATED MATERIAL THAT IS NOT TO BE REUSED IN THE WORK AREA IS TO BE IMMEDIATELY REMOVED FROM THE SITE AND PROPERLY DISPOSED OF AT AN APPROVED FACILITY OR PERMITTED WASTE AREA.

18. GRADE THE ACCESS ROAD AS SHOWN ON THE E&SC PLANS.

19. ADD AASHTO #57 STONE TO THE PORTION OF THE EXISTING ROAD TO REMAIN IN AREAS WHERE EXISTING GRAVEL IS THINNING OR BARE TO CREATE A UNIFORM TRAVEL SURFACE. CONTINUE ADDING AASHTO #57 STONE TO RUTTED OR THINNING AREAS AS NECESSARY DURING ACTIVE USE OF THE ACCESS ROAD.

20. IMMEDIATELY STABILIZE THE ACCESS ROAD WITH GEOTEXTILE AND GRAVEL SURFACING WHERE INDICATED IN THE E&SC PLANS.

21. UPON TEMPORARY CESSATION OF AN EARTH DISTURBANCE ACTIVITY OR STAGE OF AN ACTIVITY WHERE THE CESSATION OF EARTH DISTURBANCE ACTIVITIES WILL EXCEED FOUR DAYS, DISTURBED AREAS SHALL BE IMMEDIATELY SEEDED, MULCHED, OR OTHERWISE PROTECTED FROM ACCELERATED EROSION AND SEDIMENTATION PENDING FUTURE EARTH DISTURBANCE ACTIVITIES. FOR AN EARTH DISTURBANCE ACTIVITY OR STAGE OF AN ACTIVITY TO BE CONSIDERED TEMPORARILY STABILIZED, THE DISTURBED AREAS SHALL BE COVERED BY A MINIMUM UNIFORM COVERAGE OF MULCH AND SEED, WITH A DENSITY CAPABLE OF RESISTING ACCELERATED EROSION AND SEDIMENTATION WHICH TEMPORARILY MINIMIZES ACCELERATED EROSION AND SEDIMENTATION. TEMPORARY STABILIZATION WILL NOT OCCUR ON ACTIVE VEHICULAR TRAVEL WAYS WITHIN THE RIGHT OF WAY. THE ON-SITE ENVIRONMENTAL INSPECTOR WILL LOG DAILY ACTIVITY WITHIN THE LIMITS OF DISTURBANCE AND NOTIFY THE CONTRACTOR OF AREAS REQUIRING TEMPORARY STABILIZATION (I.E., AREAS WHERE WORK HAS CEASED FOR AT LEAST FOUR DAYS).

22. ONCE THE TEMPORARY IMPROVEMENTS TO THE PERMANENT ACCESS ROAD ARE NO LONGER NECESSARY, REMOVE ALL GRAVEL AND GEOTEXTILE FABRIC FROM THE TEMPORARILY IMPROVED PORTIONS OF THE ROAD AND DISPOSE OF THE MATERIALS AT A SUITABLE DISPOSAL OR RECYCLING SITE, IN COMPLIANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

23. LOOSEN AND DE-COMPACT TOPSOIL THROUGHOUT THE TEMPORARILY IMPROVED SECTION OF THE ACCESS ROAD. REPLACE STOCKPILED TOPSOIL AND GRADE THE DISTURBED AREAS TO MATCH PRE-CONSTRUCTION CONDITIONS. IMMEDIATELY FERTILIZE, SEED AND STABILIZE AREAS AT FINISHED GRADE. MAINTAIN COMPOST FILTER SOCK UNTIL ACCESS ROAD WORK IS COMPLETE AND UNIFORM 70% PERENNIAL VEGETATIVE COVER IS ESTABLISHED.

24. UPON COMPLETION OF ALL EARTH DISTURBANCE ACTIVITIES AND PERMANENT STABILIZATION OF ALL DISTURBED AREAS, THE OWNER SHALL CONTACT THE LOCAL CCD FOR AN INSPECTION PRIOR TO THE REMOVAL OF THE COMPOST FILTER SOCK. VEGETATED AREAS MUST ACHIEVE A MINIMUM UNIFORM 70% PERENNIAL COVER OVER THE ENTIRE DISTURBED AREA TO BE CONSIDERED STABILIZED. ROADWAYS AND PARKING AREAS SHOULD HAVE AT LEAST A CLEAN SUBBASE IN PLACE TO BE CONSIDERED STABILIZED. IN AGRICULTURAL USE AREAS, AN AREA SHALL BE CONSIDERED TO HAVE ACHIEVED FINAL STABILIZATION IF THE ABOVE CONDITIONS ARE MET OR IF AN AREA EXHIBITS ANY GROUND COVER CONDITIONS NORMALLY ASSOCIATED WITH ACTIVE AGRICULTURAL PRACTICES, INCLUDING BUT NOT LIMITED TO BARE EARTH ON CULTIVATED LAND. TEMPORARY VEGETATIVE COVER ON CULTIVATED LAND, OR PASTURE NOT MEETING A MINIMUM UNIFORM 70% PERENNIAL VEGETATIVE COVER.

25. UPON LOCAL CCD AND TRANSCO APPROVAL OF STABILIZATION AND RE-VEGETATION, EITHER:

   A. LEAVE THE COMPOST FILTER SOCK IN PLACE, CUT OPEN THE MESH, AND SPREAD THE MULCH AS A SOIL SUPPLEMENT; OR

   B. REMOVE THE COMPOST FILTER SOCK, STABILIZE AREAS DISTURBED BY REMOVAL, AND PROPERLY DISPOSE/RECYCLE THE COMPOST FILTER SOCK.

26. REMOVE ORANGE CONSTRUCTION FENCING AND SECURITY FENCE.

27. UPON COMPLETION OF ALL EARTH DISTURBANCE ACTIVITIES, REMOVAL OF ALL COMPOST FILTER SOCK AND PERMANENT STABILIZATION OF ALL DISTURBED AREAS, THE OWNER SHALL CONTACT THE LOCAL CCD FOR A FINAL INSPECTION.

GRAPHIC SCALE

40  20  0  40

SCALE IN FEET

### 105 COORDINATION NOTE:

THE CALCULATION OF FILL VOLUMES PROVIDED WITHIN THE CHAPTER 105 APPLICATION IS BASED ON THE EXTENT OF THE ACCESS ROAD LOD WITHIN THE FLOODPLAIN/FLOODWAY TO ACCOUNT FOR WORST-CASE FIELD SCENARIOS REQUIRING THE ADDITION OF A ONE FOOT-DEPTH OF GRAVEL FOR MAINTENANCE AND/OR MINOR ACCESS ROAD WIDENING FOR IMPROVED ACCESS. AS SUCH, THE FILL VOLUME IS AN OVERESTIMATION AND DOES NOT REFLECT THE ACTUAL VOLUME OF FILL REQUIRED BY THE CURRENT ACCESS ROAD DESIGN, AS PRESENTED WITHIN THE CHAPTER 102 PERMIT. THE INCLUSION OF THE OVERESTIMATED FILL VOLUMES WITHIN THE CHAPTER 105 APPLICATION LIMITS FUTURE REVISIONS TO THE CHAPTER 105 APPLICATION DUE TO MINOR FIELD ADJUSTMENTS; CONVERSELY, REVISIONS TO ACCESS ROAD DESIGN AFTER THE 102 PERMIT ISSUANCE WILL BE COORDINATED WITH PADEP/CCD.

NOTE:
SEE TYPICAL SECTIONS AND NOTES SHEET 3 OF 3 (GENERAL OVERALL SECTION) FOR EXISTING AND PROPOSED FEATURES LEGEND.

SUZANNE KING  REG NO. PE 082757

BL Companies



Williams

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

ATLANTIC SUNRISE PROJECT- PROPOSED 30" CENTRAL PENN LINE NORTH

ACCESS ROADS - SOIL EROSION CONTROL PLAN
STORMWATER MANAGEMENT PLAN
PROPOSED PERMANENT ACCESS ROAD AR-SU-041
LENOX TOWNSHIP, SUSQUEHANNA COUNTY, PENNSYLVANIA

| NO. | DATE | BY | DESCRIPTION | W.O. NO. | CHK. | APP. |
|---|---|---|---|---|---|---|
| 0 | 08/28/2015 | BL | ISSUED FOR PADEP SUBMITTAL | 1161481 | DAK | SMK |
| 1 | 12/02/2015 | BL | ISSUED FOR PADEP RESUBMITTAL | 1161481 | DAK | SMK |
| 2 | OCT. 2016 | BL | PADEP TECHNICAL DEFICIENCY RESPONSE #1 | 1161481 | DAK | SMK |
| 3 | APRIL 2017 | BL | PADEP TECHNICAL DEFICIENCY RESPONSE #2 | 1161481 | DAK | SMK |
| 4 | AUG. 2017 | BL | PADEP TECHNICAL DEFICIENCY RESPONSE #3 | 1161481 | DAK | SMK |

REVISIONS

| DRAWN BY: | OLC | DATE: | 3/2015 | ISSUED FOR BID: | | SCALE: | 1"=40' |
|---|---|---|---|---|---|---|---|
| CHECKED BY: | DAK | DATE: | 06/09/15 | ISSUED FOR CONSTRUCTION: | | REVISION: | 4 |
| APPROVED BY: | SMK | DATE: | 07/07/15 | DRAWING NUMBER: 24-1601-70-28-A/ | | | |
| WO: | W01161481 | | | 1683_3-AR-SU-041 | | SHEET 4 OF 5 | |

Drawn By & Date/Time: sking Jul 25, 2017 - 10:50am
Drawing Location & Name: G:\JOBS14\14C\14C49009\DWG\01D-CPLN\AR_EC14C49009(10)-PSU-041.dwg

NICHOLSON TOWNSHIP
LENOX TOWNSHIP

MATCHLINE: SEE THIS SHEET - STA. 9+50

STATION HILL ROAD