GRADING NOTES:

1. REFER TO SHEET NPTTI201-001 FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS, AND LEGENDS.
2. REFER TO SHEET NPTTI901-003 FOR GRADING CROSS SECTIONS.
3. NEW HAMPSHIRE STATE PLANE COORDINATE SYSTEM HORIZONTAL DATUM - NAVD88
   VERTICAL DATUM - NAVD88
4. PROPOSED CONTOURS AND SPOT ELEVATIONS INDICATED REFER TO TOP OF FINISH SURFACE.
5. ALL FILL AND CUT SLOPES ARE 3-FT HORIZONTAL TO 1-FT VERTICAL (3:1) UNLESS NOTED OTHERWISE.
6. CONTRACTOR SHALL PLACE 4" TOPSOIL AND SEED ON ALL CUT AND FILL SLOPES AS SPECIFIED UNLESS ANOTHER SURFACE MATERIAL IS INDICATED. EROSION CONTROL BLANKETS (NORTH AMERICAN GREEN SCS20 OR ENGINEER APPROVED EQUAL) SHALL BE PLACED OVER ALL SEEDED SLOPE AREAS.
7. AFTER COMPLETION OF YARD SUBSURFACE WORK, THE SURFACE COURSE FOR THE SUBSURFACE (INSIDE THE FENCE, 3 FT OUTSIDE THE FENCE, AND WHERE INDICATED ON THE PLANS) SHALL CONSIST OF A 4-INCH LAYER OF CRUSHED BASE (ANGULAR STONE) STONE MEETING THE GRADATION REQUIREMENTS EXPLAINED IN THE SPECIFICATIONS.
8. CONTRACTOR SHALL PROTECT/REPAIR ALL SLOPES UNTIL FINAL VEGETATIVE OR STONE STABILIZATION.
9. ALL EXCAVATIONS SHALL BE THOROUGHLY SECURED AND STABILIZED ON A DAILY BASIS BY THE CONTRACTOR AT THE COMPLETION OF CONSTRUCTION OPERATIONS.
10. STABILIZE ALL DITCHES, SHADES, AND PONDS PRIOR TO DIRECTING STORMWATER RUNOFF TO THEM.
11. TURF REINFORCEMENT MAT (TRM) SHALL BE INSTALLED ON ALL 3 FT HORIZONTAL TO 4 FT VERTICAL SLOPES (1:1 OR STEEPER) AND BE NORTH AMERICAN GREEN SCS20 OR APPROVED EQUAL.
12. EARTHWORK AND COMPACTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS MADE IN THE GEOTECHNICAL ENGINEERING REPORT BY OTHERS.

EARTHWORK AND COMPACTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS MADE IN THE GEOTECHNICAL ENGINEERING REPORT BY OTHERS.

FOR PERMITTING PURPOSES ONLY
NOT FOR CONSTRUCTION
NOTES:
1. SEE SHEET NPTT610-C39 FOR EROSION AND SEDIMENTATION NOTES.
2. TOTAL LIMIT OF DISTURBANCE = 365,902 SF = 8.40 ACRES
PLANNING PLAN NOTES:

1. REFER TO SHEET NPTT06-G01 FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS, AND LEGENDS.

2. THIS DRAWING IS INTENDED TO DESCRIBE LANDSCAPE INFORMATION ONLY.

3. ALL DISTURBED AREAS NOT OTHERWISE DEVELOPED SHALL HAVE A MINIMUM OF 4" OF LOAM AND THE FOLLOWING SEED MIXTURE:
   - NODOT TYPE 44 (MIN. 35 LBS/ACRE)
   - 4% CREEPING RED FESCUE (MIN. 35 LBS/ACRE)
   - 8% REdTOP (MIN. 35 LBS/ACRE)
   - 6% BROADLEAF TREFOIL (MIN. 35 LBS/ACRE)


4. NO SEEDING SHALL BE PLACED BEFORE ROUGH GRADING HAS BEEN PROPERLY COMPLETED.

5. TOPSOIL SHALL BE INSTALLED AT A MINIMUM DEPTH OF 4" CONTRACTOR SHALL SUBMIT SAMPLES FROM EACH PROPOSED TOPSOIL SOURCE TO A CERTIFIED TESTING LABORATORY TO DETERMINE pH, FERTILITY, ORGANIC CONTENT AND MECHANICAL COMPOSITION. CONTRACTOR SHALL SUBMIT THE TEST RESULTS TO OWNEY OR LANDSCAPE ARCHITECT FOR REVIEW. CONTRACTOR SHALL INCORPORATE AMENDMENTS FOR PROPER SOIL pH AND PLANT GROWTH AS RECOMMENDED BY TEST REPORTS AT NO INCREASE IN CONTRACT PRICE.

6. TEMPOARY AND PERMANENT SEEDING SHALL BE IN ACCORDANCE WITH THE PLANTING PLAN AND STORMWATER MANUAL - VOLUME 3 AND NH DOT STANDARD SPECIFICATIONS SECTION 644.

7. AREAS WHICH ARE TO BE TOPSOILED SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 3 TO 5 INCHES ON COMPACTED SOILS - PRIOR TO PLACEMENT OF TOPSOIL. AREAS TO BE VEGETATED SHALL HAVE A MINIMUM 4 INCHES OF TOPSOIL IN PLACE PRIOR TO SEEDING AND MULCHING.

8. PLACING LOAM ON SITE: ALL SUBGRADE ELEVATIONS SHOULD BE UNIFORMLY GRADED TO RECEIVE LOAM AND SHALL BE INSPECTED AND APPROVED BY THE GENERAL CONTRACTOR PRIOR TO PLACEMENT OF LOAM. PLACE LOAM TO FORM A MINIMUM DEPTH OF 4" WHEN ROLLED, UNLESS OTHERWISE INDICATED. ALL DEPRESSIONS EXPOSED DURING THE ROLLING SHALL BE FILLED WITH ADDITIONAL LOAM.

9. SEED BED PREPARATION AFTER FINISH GRAADING AND JUST BEFORE SEEDING, THE AREAS TO BE SEEDED SHALL BE LOOSENED TO PROVIDE A ROLLABLE FINISH FINELY FRAGMENTED SEEDBED. THE INTENT IS TO PROVIDE SODDER CAPABLE OF RETAINING WATER, SEED AND FERTILIZER WHILE REMAINING STABLE AND ALLOWING SEEDS TO DEEPER EMBRACE. SEEDS SHALL BE APPLIED TO THE CONDITIONED SEEDBED NOT MORE THAN 48 HOURS AFTER THE SEEDBED HAS BEEN PREPARED.

10. LIME AND FERTILIZER SHALL BE INCORPORATED INTO THE SOIL PRIOR TO OR AT THE TIME OF SEEDING A MINIMUM OF 7 TONS PER ACRE OF AGRICULTURAL LIMESTONE AND 100 LBS PER ACRE OF 10-20-20 FERTILIZER SHALL BE APPLIED. SEEDING PRACTICES SHALL CONFORM WITH LOCAL USDA SOIL CONSERVATION SERVICES RECOMMENDATIONS.

11. STRAW MULCH OR JUTE MATTING SHALL BE USED WHERE INDICATED ON THE PLANS. A MINIMUM OF 9 TONS OF MULCH PER ACRE SHALL BE APPLIED. MULCH SHALL BE ANCHORED IN PLACE WHERE NECESSARY. JUTE MATTING SHALL BE LOCATED IN THE DIRECTION OF SUNFLOWER FLOW AND APPLIED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

12. PERMANENT OR TEMPORARY COVER MUST BE IN PLACE BEFORE THE GROWING SEASON ENDS. WHEN SEEDS ARE PLACED, PLANTINGS SHALL BE COMPLETED TO PROVIDE A MINIMUM DEPTH OF 3 TO 6 INCHES OF DEEPER SODDER. AREAS NOT MULCHED, PLANTINGS SHOULD BE MENDED FROM EARLY SPRING TO MAY 15 OR FROM AUGUST 15 TO SEPTEMBER 15. NO DISTURBED AREA SHALL BE LEFT EXPOSED DURING WINTER MONTHS.

FOR PERMITTING
PURPOSES ONLY
NOT FOR CONSTRUCTION
STORM ELECTRICAL SYSTEM NOTES:

1. THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY THE ELEVATION AND LOCATION OF ALL UTILITIES BY VARIOUS MEANS PRIOR TO A COMMENCEMENT OF EXCAVATION. THE CONTRACTOR SHALL CONTACT THE OWNER IN THE EVENT OF ANY OBSTRUCTIONS OR UNRECOGNIZED UTILITIES.

2. THE CONTRACTOR SHALL ARRANGE FOR AND COORDINATE WITH THE NECESSARY REGULATORY AGENCY REQUIREMENTS.

3. METHODS SHALL BE IN ACCORDANCE WITH THE NH DOT STANDARDS.

4. STORM DRAINAGE SYSTEM CONNECTIONS, MATERIALS, AND INSTALLATIONS AND CONNECTIONS.

5. UNDERDRAINS WITHIN SAND FILTER ARE 6" PERFORATED HDPE.

6. SAND FILTER / UNDERDRAIN WITHIN MANHOLES ARE 8" PERFORATED HDPE.

7. ALL-PERMITTED CONSTRUCTION IS SUBJECT TO INSPECTION FOR ANY RED FLAGS PRIOR TO BACKFILLING, IN ACCORDANCE WITH THE CONTRACT.

8. THE CONTRACTOR SHALL MAINTAIN ALL FLOWS AND UTILITIES BY VARIOUS MEANS PRIOR TO BACKFILLING, IN ACCORDANCE WITH THE SPECIFICATIONS MANUAL AND/OR GENERAL CONDITIONS OF THE CONTRACT.

9. THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY THE ELEVATION AND LOCATION OF ALL UTILITIES BY VARIOUS MEANS PRIOR TO A COMMENCEMENT OF EXCAVATION. THE CONTRACTOR SHALL CONTACT THE OWNER IN THE EVENT OF ANY OBSTRUCTIONS OR UNRECOGNIZED UTILITIES.

10. THE CONTRACTOR SHALL ARRANGE FOR AND COORDINATE WITH THE NECESSARY REGULATORY AGENCY REQUIREMENTS.

11. A ONE-FOOT MINIMUM VERTICAL CLEARANCE BETWEEN ELECTRICAL AND UTILITIE SYSTEMS IS RECOMMENDED TO STORM PIPING SHALL BE PROVIDED.

12. SITE CONTRACTOR SHALL PROVIDE ALL BENDS, FITTINGS, ADAPTORS, ETC., AS REQUIRED FOR PIPE CONNECTIONS.

13. THE CONTRACTOR SHALL MAINTAIN ALL FLOWS AND UTILITIES BY VARIOUS MEANS PRIOR TO BACKFILLING, IN ACCORDANCE WITH THE SPECIFICATIONS MANUAL AND/OR GENERAL CONDITIONS OF THE CONTRACT.

14. STORM DRAINAGE SHALL BE RATED FOR K-20 LOADING.

15. DRAINAGE TRENCHES SHOWN ARE 48" X 48" X 48" DRAINAGE TRENCHES ARE REQUIRED AS DEEMED NECESSARY BY THE CONTRACTOR, THE ENGINEER, UTILITIES PROVIDERS, AND GOVERNING AUTHORITIES.

16. UNDERDRAINS WITHIN SUBBASE ARE 6" PERFORATED HDPE.

17. UNDERDRAIN WITHIN SAND FILTER ARE 8" PERFORATED HDPE.

18. STORM WATER SYSTEM STATUS.

19. STORM DRAINAGE SYSTEM CONNECTIONS, MATERIALS, AND INSTALLATIONS AND CONNECTIONS.

20. UNDERDRAIN SPECIFICATIONS.

21. SHEET 6/15/05.

OUTLET CONTROL STRUCTURE NOTES:

1. CATCH BASIN STRUCTURE IS TO BE PRECAST CONCRETE.
2. THE LOCATION AND ELEVATION INDICATED ON NPTT607-C104 ARE AT THE TOP CENTER OF THE GRATE.
3. GRATING SHALL BE AMICO STANDARD WELDED TYPE "W" 19W4 RESISTANCE WELDED GRATING AS MANUFACTURED BY ALABAMA METAL INDUSTRIES CORP. OR ENGINEERING APPROVED EQUAL.
1. DESIGN OF END SECTION SHALL CONFORM TO STANDARD REINFORCED CONCRETE PIPE.

2. CUT OFF WALL TO BE POURED IN FIELD, IF NECESSARY, AS DIRECTED BY THE ENGINEER.

3. PAYMENT FOR THE CUT OFF WALL WILL BE MADE UNDER THE APPROPRIATE CONTRACT ITEMS.

4. STONE FOR THE RIP-RAP MAY BE PLACED BY EQUIPMENT AND SHALL BE CONSTRUCTED TO THE FULL LAYER THICKNESS IN ONE OPERATION AND IN SUCH A MANNER AS TO PREVENT SEPARATION OF THE STONE SIZES.

5. DRAINAGE DITCHES OR DITCH IN THE FINISHED INSTALLATION.

6. INVERT AND END SECTION TO FIT PIPE USED.

7. TYP. PIPE DIA.

8. ARMS:

9. SUITABLE FOR SMALL AREAS. CONTINUE ON BOTH SIDES, KNIFING IT TO ELIMINATE VOIDS. TAM"P WITH A SMALL-FACED COMPACTOR OR OTHER EQUIPMENT.

10. PIPE DIAMETER

11. FOR PERMITTING PURPOSES ONLY.

12. NOT FOR CONSTRUCTION.

13. CRUSHED STONE/concrete with 6 x 6 x 0.4 inch 0.4 inch 0.4 inch mesh:


15. CONCRETE SEE NOTES.

16. PIPE TRENCH SEE PLAN.

17. RIP-RAP DITCH CROSS SECTION.

18. INVERT AND LOCATION POINT.

19. OPEN THE END SECTION COLLAR AND SEAT IT OVER THE TWO PIPE CONNECTIONS. EXCAVATE AN AREA IN THE BEDDING WHERE TOE TROUGH WILL SEAT SO THAT THE END SECTION WILL BE LEVEL WITH THE BOTTOM OF THE TRENCH OR DITCH IN THE FINISHED INSTALLATION.

20. SECURE THE END SECTION:


23. CONSTRUCTION SPECIFICATIONS:

24. PLACE END SECTION OF PIPE:

25. OPEN THE END SECTION COLLAR AND SEAT IT OVER THE TWO PIPE CONNECTIONS. EXCAVATE AN AREA IN THE BEDDING WHERE TOE TROUGH WILL SEAT SO THAT THE END SECTION WILL BE LEVEL WITH THE BOTTOM OF THE TRENCH OR DITCH IN THE FINISHED INSTALLATION.
NOTES:

1. ABSOLUTELY NO RUNOFF IS TO ENTER THE SAND FILTER UNTIL ALL CONTRIBUTING DRAINAGE AREAS HAVE BEEN STABILIZED. SURFACE OF FILTER BED IS TO BE LEVEL.

MATERIAL SPECIFICATIONS / TEST METHOD SIZE NOTES

FILTER MIXTURE NEW HAMPSHIRE FILTER MIXTURE A
ASTM C-33 CONCRETE SAND - 50% TO 55% BY VOLUME
LOAMY SAND TOPSOIL - 20% TO 30% BY VOLUME
MODERATELY FINE SHREDDED BARK OR WOOD FIBER MULCH - 20% TO 30% BY VOLUME

6" PER PVC OR HOPE PIPE @ 1' 0"

FILTER MEDIA 24" FILTER MEDIA

PEA GRAVEL, 3" THICK

FILTER FABRIC GEOTEXTILE

SAND FILTER MIXTURE

VENN CHART

NEGATIVE NO RUNOFF IS TO ENTER THE SAND FILTER UNTIL ALL CONTRIBUTING DRAINAGE AREAS HAVE BEEN STABILIZED. SURFACE OF FILTER BED IS TO BE LEVEL.

1. PERFORATIONS SHALL BE MADE IN THE 90 DEGREE BEND TO ASSURE THE DETENTION AREA COMPLETELY DRAINS TO THE SAND FILTER AREA.

2. POSITIVE DRAINAGE IS TO BE MAINTAINED FROM THE FOREBAY TO THE SAND FILTER AREA.

3. CLEAN OUT, TYP.

4. CONCRETE COLLAR

5. PIPE TO DT-2 (SOLID WALL PIPE)
EROSION & SEDIMENTATION CONTROL PLAN NOTES:

1. REFER TO SHEET NPTT505-G001 FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS, AND LEGENDS.
2. REFER TO SHEET NPTT511-C500 FOR EROSION AND SEDIMENTATION CONTROL NOTES.
3. INSTALL STABILIZED CONSTRUCTION ENTRANCE AND Silt fence prior to earth disturbance.
4. INSTALL ROCK CHECK DAMS IN ALL SWALES PER DETAIL 2 ON SHEET NPTT512-C501.
5. ALL SLOPES 3:1 AND STEEPER SHALL RECEIVE NA GREEN SC250 EROSION CONTROL MATTING.
6. CONTRACTOR SHALL USE Silt fence or Silt socks as indicated on plans.

TOTAL LIMITS OF DISTURBANCE (LOD) = 691,375 SF = 15.87 ACRES.

LEGEND:
- STONE CONSTRUCTION ENTRANCE
- EROSION CONTROL BLANKET
- STONE CHECK DAM
- SILT FENCE
- CONSTRUCTION FENCE
1. Refer to Sheet NPTT505-GE01 for additional general notes, abbreviations, and legends.
2. This drawing is intended to describe landscape information only.
3. All disturbed areas not otherwise developed shall have a minimum of 4" of loam and the following seed mixture:
   - NHDOT Type 44 (Min. 80 lbs/acre):
     - 44% Creeping Red Fescue (Min. 35 lbs/acre)
     - 38% Perennial Rye Grass (Min. 30 lbs/acre)
     - 6% Redtop (Min. 5 lbs/acre)
     - 6% Alsike Clover (Min. 5 lbs/acre)
     - 6% Birdsfoot Trefoil (Min. 5 lbs/acre)
   All seeding shall be in accordance with the New Hampshire Department of Transportation Standard Specifications (2010) Section 644 – Grass Seed.
4. No seeding shall be placed before rough grading has been completed.
5. Topsoil shall be installed at a minimum depth of 4". Contractor shall submit samples from each proposed topsoil source to a certified testing laboratory to determine pH, fertility, organic content and mechanical composition. Contractor shall submit the test results to owner (or landscape architect) for review and make the necessary amendments for proper soil pH and plant growth as recommended by test reports at no increase in contract price.
6. Temporary and permanent seeding shall be in accordance with the planting plan, NH DOT Stormwater Manual Volume 3, and NH DOT Standard Specifications Section 644.
7. Areas which are to be topsoiled shall be scarified to a minimum depth of 6" to 12" inches on compacted soils – prior to placement of topsoil. Areas to be vegetated shall have a minimum of 6 inches of topsoil in place prior to seeding and mulching.
8. Edging and topsoil on site. All subgrade elevations shall be uniformly graded to receive loam and shall be inspected and approved by the general contractor prior to the placement of topsoil. Place loam to form a minimum depth of 4" when rolled. All topsoil exposed during the rolling shall be filled with additional loam.
9. Seed bed preparation: After finish grading and just before seeding, the areas to be seeded shall be loosened to provide a rough, firm but finely pulverized seedbed. Seed shall be in a texture capable of retaining water, seed and fertilizer while remaining stable and allowing seed to germinate. Seed shall be applied to the prepared seedbed not more than 48 hours after the seedbed has been prepared.
10. Line and fertilizer shall be incorporated into the soil prior to or at the time of seed bed seeding. A minimum of 1.5 tons per acre of agricultural limestone and 500 lbs. per acre of 10-20-20 fertilizer shall be applied. Seeding practices shall comply with local USDA Soil Conservation Service recommendations.
11. Straw mulch or jute matting shall be used where indicated on the plans. A minimum of 1.5 tons of mulch per acre shall be applied. Mulch shall be incorporated in place where necessary. Jute matting shall be laid in the direction of runoff flow and applied in accordance with manufacturer’s instructions.
12. Permanent or temporary cover must be in place before the growing season. When seeded areas are mulched, plantings may be made from early spring to early October. When seeded areas are not mulched, plantings shall be made from early spring to May 30 or from August 15 to September 15. No disturbed area shall be left exposed during winter months.

LEGEND:

- SEED/MULCH COVER
- BITUMINOUS CONCRETE
- PAVEMENT
- GRAVEL STONE SURFACING
- INfiltration Sand Subbase
- RIP-RAP STONE

FOR PERMITTING PURPOSES ONLY
NOT FOR CONSTRUCTION
ELEVATION
STATION
320.00
330.00
340.00
350.00
360.00
370.00
310.00
320.00
330.00
340.00
350.00
360.00
370.00
10+00.00
11+00.00
12+00.00
13+00.00
14+00.00
15+00.00
16+00.00
17+00.00
18+00.00
18+50.00

CONNECT TO EXISTING GRADE
STA = 10+80.31
ELEV = 343.23

EXISTING GRADE (TYP.)
PERIMETER SECURITY FENCE
STA = 10+88.61
ELEV = 345.03

PROPOSED GRADE (TYP.)
PERIMETER SECURITY FENCE
STA = 14+18.60
ELEV = 345.03

CONNECT TO EXISTING GRADE
STA = 17+31.37
ELEV = 329.14

CL OF GRAVEL PAD
STA = 12+53.61
ELEV = 345.03

0% SLOPE
PROPOSED INFILTRATION BASIN 1
BOTTOM ELEV = 330.00

STORM PIPE (ST-2) CROSSING
INV=326.47

EDGE OF GRAVEL PAD
STA = 14+21.61
ELEV = 345.03

EDGE OF GRAVEL PAD
STA = 10+85.61
ELEV = 345.03

GRASSED AREA
PROPOSED 10' BERM
ELEV = 333.50

GRADING CROSS SECTION NOTES:
1. REFER TO SHEET NPTT503-G001 FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS, AND LEGENDS.
2. THIS DRAWING IS INTENDED TO DESCRIBE THE GRADING CROSS SECTIONS ONLY.
3. NEW HAMPSHIRE STATE PLANE COORDINATE SYSTEM:
   HORIZONTAL DATUM - NAD83
   VERTICAL DATUM - NAVD88
4. PROPOSED CONTOURS AND SPOT ELEVATIONS INDICATED REFER TO TOP OF FINISH SURFACE.
5. CONTRACTOR SHALL PLACE IF TOPSOIL AND SEED ON ALL CUT AND FILL SLOPES AS SPECIFIED UNLESS ANOTHER SURFACE MATERIAL IS INDICATED.
6. EARTHWORK AND COMPACTION SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS MADE IN THE GEOTECHNICAL ENGINEERING RECOMMENDATIONS REPORT BY OTHERS.
7. STRIP AND STOCKPILE EXISTING TOPSOIL IN AREAS OF PROPOSED GRADING AND EARTHWORK.
1. ** REMOVE ALL LOAM, CLAY, MUCK, STUMPS, AND OTHER IMPROPER ROAD FOUNDATION MATERIAL WITHIN 2' OF SUBGRADE. REPLACE WITH COMPACTED GRANULAR FILL MATERIAL ACCEPTABLE TO APPROVING AGENCY. COMPACTION TO BE AT LEAST 95% OF STANDARD PROCTOR.**

2. **ALL PAVEMENT, BASE MATERIALS AND WORKMANSHIP TO BE IN COMPLIANCE WITH N.H.D.O.T. "STANDARDS FOR ROAD AND BRIDGE CONSTRUCTION" LATEST EDITION.**

3. **STATION SURFACE STONE SHALL EXTEND 3-FT OUTSIDE THE STATION PERIMETER FENCE.**

4. **GRAVEL ACCESS ROAD SHALL HAVE AT LEAST 8 INCHES OF PROCESSED AGGREGATE BASE.**

**NOTES:**

1. **REMOVE ALL LOAM, CLAY, MUCK, STUMPS, AND OTHER IMPROPER ROAD FOUNDATION MATERIAL WITHIN 2' OF SUBGRADE. REPLACE WITH COMPACTED GRANULAR FILL MATERIAL ACCEPTABLE TO APPROVING AGENCY. COMPACTION TO BE AT LEAST 95% OF STANDARD PROCTOR.**

2. **STATION SURFACE STONE SHALL EXTEND 3-FT OUTSIDE THE STATION PERIMETER FENCE.**

3. **GRAVEL ACCESS ROAD SHALL HAVE AT LEAST 8 INCHES OF PROCESSED AGGREGATE BASE.**

**ROAD CONSTRUCTION NOTES:**

1. **REMOVE ALL LOAM, CLAY, MUCK, STUMPS, AND OTHER IMPROPER ROAD FOUNDATION MATERIAL WITHIN 2' OF SUBGRADE. REPLACE WITH COMPACTED GRANULAR FILL MATERIAL ACCEPTABLE TO APPROVING AGENCY. COMPACTION TO BE AT LEAST 95% OF STANDARD PROCTOR.**

2. **ALL PAVEMENT, BASE MATERIALS AND WORKMANSHIP TO BE IN COMPLIANCE WITH N.H.D.O.T. "STANDARDS FOR ROAD AND BRIDGE CONSTRUCTION" LATEST EDITION.**

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**STATION AND ACCESS ROAD SURFACE STONE GRADATION**

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<tr>
<th>SIEVE</th>
<th>PERCENT BY WEIGHT PASSING SQUARE MESH SIEVE</th>
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<tr>
<td>5/8 INCH</td>
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**PAVEMENT AGGREGATE BASE STONE GRADATION**

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**BITUMINOUS CONCRETE PAVEMENT SECTION**

**UNDERDRAIN**

**NOT FOR CONSTRUCTION**

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**FOR PERMITTING PURPOSES ONLY**

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OUTLET CONTROL STRUCTURE NOTES:
1. STRUCTURE IS TO BE PRECAST CONCRETE.
2. THE LOCATION AND ELEVATION INDICATED ON NPTT507-C104 ARE AT THE TOP CENTER OF THE GRATE. THE ORIFICE HOLES SHOULD BE PLACED AT THE ELEVATIONS AS SHOWN ON THE PLANS AND DETAILS.
3. GRATING SHALL BE AMICO STANDARD WELDED TYPE "W" 19W4 RESISTANCE WELDED GRATING AS MANUFACTURED BY ALABAMA METAL INDUSTRIES CORP. OR ENGINEERING APPROVED EQUAL.

INfiltrATION BASINS NOTES:
1. AFTEr BASIN IS EXCAVATED TO THE FINAL DESIGN ELEVATION, THE FLOOR SHALL BE DEEPLY TILLED WITH A ROTARY TILLER OR DISC HARIOV TO RESTORE INFILTRATION RATES FOLLOWED BY A PASS WITH A LEVELING DRAG.
2. INFILTRATION BASINS AND FOREBAY BASE MATERIAL SHALL BE A 6" LAYER OF COARSE SAND OR CLEAN 3/8" PEA GRAVEL.
3. ABSOLUTELY NO RUNOFF IS TO ENTER INFILTRATION BASINS UNTIL ALL CONTRIBUTING DRAINAGE AREAS HAVE BEEN STABILIZED. SURFACE OF BASINS SHALL BE LEVEL.
NOTES:
1. REFER TO SHEET NPTT110-C502 FOR EROSION AND SEDIMENTATION NOTES.
2. TOTAL LIMIT OF DISTURBANCE = 132,385 SF = 3.04 ACRES.
PLANTING PLAN NOTES:

1. REFER TO SHEET NPTT101-G01 FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS, AND LEGENDS.

2. THIS DRAWING IS INTENDED TO DESCRIBE LANDSCAPE INFORMATION ONLY.

3. ALL DISTURBED AREAS NOT OTHERWISE DEVELOPED SHALL HAVE A MINIMUM OF 4" OF LOAM AND THE FOLLOWING SEED MIXTURE:

   - NH DOT TYPE 44 (MIN. 30 LBS/ACRE)
   - 44% CREEPING RED RYEGRASS (MIN. 30 LBS/ACRE)
   - 35% PERENNIAL FLECKGRASS (MIN. 30 LBS/ACRE)
   - 6% REDTOP (MIN. 5 LBS/ACRE)
   - 6% ALBIRE CLOVER (MIN. 5 LBS/ACRE)
   - 6% BIRDSFOOT TREFOIL (MIN. 5 LBS/ACRE)


4. NO SEEDING SHALL BE PLACED BEFORE ROUGH GRADING HAS BEEN PROPERLY COMPLETED.

5. TOPSOIL SHALL BE INSTALLED AT A MINIMUM DEPTH OF 4". CONTRACTOR SHALL SUMMIT SAMPLES FROM EACH PROPOSED TOPSOIL SOURCE TO A CERTIFIED TESTING LABORATORY TO DETERMINE pH, FERTILITY, ORGANIC CONTENT AND MECHANICAL COMPOSITION. CONTRACTOR SHALL SUBMIT THE TEST RESULTS TO ENGINEER OR LANDSCAPE ARCHITECT FOR REVIEW. CONTRACTOR SHALL INCORPORATE AMENDMENTS FOR PROPER SOIL pH AND PLANT GROWTH AS RECOMMENDED BY TEST REPORTS AT NO INCREASE IN CONTRACT PRICE.

6. TEMPORARY AND PERMANENT SEEDING SHALL BE IN ACCORDANCE WITH THE PLANTING PLAN, NH DES STORMWATER MANUAL VOLUME 3, AND NH DOT STANDARD SPECIFICATIONS SECTION 644.

7. AREAS WHICH ARE TO BE TOPSOILED SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 5 TO 6 INCHES – 6 TO 12 INCHES ON COMPACTED SOILS – PRIOR TO PLACEMENT OF TOPSOIL. AREAS TO BE VEGETATED SHALL HAVE A MINIMUM 4 INCHES OF TOPSOIL IN PLACE PRIOR TO SEEDING AND MULCHING.

8. PLACING LOAM ON SITE. ALL SUBGRADE ELEVATIONS SHOULD BE UNIFORMELY GRADED TO RECEIVE LOAM AND SHALL BE INSPECTED AND APPROVED BY THE GENERAL CONTRACTOR PRIOR TO PLACEMENT OF LOAM. PLACE LOAM TO FORM A MINIMUM DEPTH OF 4" WHEN ROLLED, UNLESS OTHERWISE INDICATED. ALL DEPRESSIONS EXPOSED DURING THE ROLLING SHALL BE FILLED WITH ADDITIONAL LOAM.

9. SEED BED PREPARATION AFTER FINISH GRADING AND JUST BEFORE SEEDING, THE AREAS TO BE SEEDED SHALL BE LOOSENED TO PROVIDE A ROUGH, FIRM BUT FINELY PULVERIZED SEEDBED. THE INTENT IS A TEXTURE CAPABLE OF RETAINING WATER, SEED AND FERTILIZER WHILE REMAINING STABLE AND ALLOWING SEED TIME TO GERMINATE. SEEDS SHALL BE APPLIED TO THE CONDITIONED SEEDBED NOT MORE THAN 48 HOURS AFTER THE SEEDBED HAS BEEN PREPARED.

10. LIME AND FERTILIZER SHALL BE INCORPORATED INTO THE SOIL PRIOR TO OR AT THE TIME OF SEEDING. A MINIMUM OF 2 TONS PER ACRE OF AGRICULTURAL LIME AND 55-5-5 PER ACRE OF 10-20-20 FERTILIZER SHALL BE APPLIED. SEEDING PRACTICES SHALL COMPLY WITH LOCAL USDA SOIL CONSERVATION SERVICES RECOMMENDATIONS.

11. STRAW MULCH OR JUTE MATTING SHALL BE USED WHERE INDICATED ON THE PLANS. A MINIMUM OF 1 TONS OF MULCH PER ACRE SHALL BE APPLIED. MULCH SHALL BE ANCHORED IN PLACE WHERE NECESSARY. JUTE MATTING SHALL BE LAID IN THE DIRECTION OF RUNOFF FLOW AND APPLIED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

12. PERMANENT OR TEMPORARY COVER MUST BE IN PLACE BEFORE THE GROWING SEASON ENDS. WHEN SEEDED AREAS ARE MULCHED, PLANTING MAY BE MADE FROM EARLY SPRING TO EARLY OCTOBER. WHEN SEEDED AREAS ARE NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20 OR FROM AUGUST 15 TO SEPTEMBER 15. NO DISTURBED AREA SHALL BE LEFT EXPOSED DURING WINTER MONTHS.

PLANTING LEGEND

AREA TO BE SEEDED = 2.0 ACRES
STORMWATER SYSTEM PLAN NOTES:

1. Refer to Sheet NPT110-G001 for additional general notes, abbreviations, and legends.

2. This drawing is intended to describe the stormwater system only.


4. Storm drainage system connections, materials, and methods shall be in accordance with the NH code standards and NH DOT specification sections 863 and 85A as well as other applicable industry codes and governing agency requirements.

5. The Contractor shall visit the site and verify the elevation and location of all utilities by various means prior to beginning any excavation. Test pits shall be dug at all locations where proposed storm piping will cross existing utilities, and the horizontal and vertical locations of the utilities shall be determined. The Contractor shall contact the engineer in the event of any discovered or unforeseen conflicts between existing and proposed sanitary sewers, storm piping, and utilities so that an appropriate modification may be made.

6. Manhole rims and catch-basin grates shall be set to elevations shown. Set all existing manhole rims, grates, and other utility tops to be raised or lowered flush with final grade as necessary.

7. The Contractor shall arrange for and coordinate with applicable regulatory agencies for storm drainage installations and connections.

8. The Contractor shall coordinate work to be performed by the various utility providers and shall pay all fees for connecting, disconnecting, relocations, inspections, and demolition unless otherwise stated in the project specifications manual and/or general conditions of the contract.

9. All pipes shall be laid on straight alignments and even grates using a pipe laser or other accurate method.

10. All utility construction is subject to inspection for approval prior to backfilling, in accordance with the appropriate owner, utility provider, and applicable regulatory agency requirements.

11. A one-foot minimum vertical clearance between electrical and telephone lines to storm piping shall be provided.

12. Site contractor shall provide all bends, fittings, adapters, etc., as required for pipe connections.

13. The Contractor shall maintain all flows and utility connections without interruption unless authorized by the owner, the Engineer, utility providers and governing authorities.

14. Storm drainage shall be rated for HS-20 loading.

15. Provide minimum 1% slope on all underdrains. Additional underdrains may be required as deemed necessary by the owner, geotechnical engineer and/or engineer based on findings after earthwork and excavation operations commence. Provide underdrain cleanouts at a minimum of every 200' of pipe or one cleanout per pipe run where the pipe run is less than 200'.

FOR PERMITTING PURPOSES ONLY
NOT FOR CONSTRUCTION
OUTLET CONTROL STRUCTURE NOTES:
1. CATCH BASIN STRUCTURE IS TO BE PRECAST CONCRETE.
2. THE LOCATION AND ELEVATION INDICATED ON NPTT118-C508 ARE AT THE TOP CENTER OF THE GRATE. THE GRATE MEETS THE OCS REQUIREMENTS AS SHOWN ON THE PLANS AND DETAILS.
3. GRATING SHALL BE AMCO STANDARD WELDED TYPE "W" 19W4 RESISTANCE GRADE 41-1/4" X 26", 1-1/4" X 1/8" GALVANIZED STEEL BAR GRATING AS MANUFACTURED BY ALABAMA METAL INDUSTRIES CORP. OR ENGINEERING APPROVED EQUAL.

PROVIDE THREE DIMENSIONAL TRASH PACK (NOT FLAT AGAINST THE OCS FACE). TRASH PACK FLOW THROUGH RATE SHALL MATCH OR EXCEED THE OCS ORIFICE FLOW RATE.

1. 5'-1/2" X 1-1/2" GALVANIZED ANGLE CAST INTO CONCRETE WITH 3" ANCHOR
2. 1-1/4" X 1-1/2" GALVANIZED ANGLE CAST INTO CONCRETE WITH 3" ANCHOR
3. 6" HOPE REVERSE PIPE
4. 6" HOPE REVERSE PIPE

OUTLET CONTROL STRUCTURE NOT TO SCALE
PLANTING PLAN NOTES:

1. REFER TO SHEET NPTT802-G001 FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS, AND LEGENDS.
2. THIS DRAWING IS INTENDED TO DESCRIBE LANDSCAPE INFORMATION ONLY.
3. ALL DISTURBED AREAS NOT OTHERWISE DEVELOPED SHALL HAVE A MINIMUM OF 4" OF LOAM AND THE FOLLOWING SEED MIXTURE:

<table>
<thead>
<tr>
<th>Seed Type</th>
<th>Minimum Rate (lbs/acre)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creeping Red Fescue</td>
<td>35</td>
</tr>
<tr>
<td>Perennial Rye Grass</td>
<td>30</td>
</tr>
<tr>
<td>Redtop</td>
<td>5</td>
</tr>
<tr>
<td>Alsike Clover</td>
<td>5</td>
</tr>
<tr>
<td>Birdsfoot Trefoil</td>
<td>5</td>
</tr>
</tbody>
</table>

ALL SEEDS SHALL BE IN ACCORDANCE WITH THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION, ENVIRONMENTAL SERVICES STORMWATER MANUAL, VOLUME 3 PERMANENT VEGETATION IN SECTION 4.1.

4. NO SEEDING SHALL BE PLACED BEFORE ROUGH GRADING HAS BEEN PROPERLY COMPLETED.
5. TOPSOIL SHALL BE INSTALLED AT A MINIMUM DEPTH OF 4". CONTRACTOR SHALL SUBMIT SAMPLES FROM EACH PROPOSED TOPSOIL SOURCE TO A CERTIFIED TESTING LABORATORY TO DETERMINE pH, FERTILITY, ORGANIC CONTENT AND MECHANICAL COMPOSITION. CONTRACTOR SHALL SUBMIT THE TEST RESULTS TO OWNER OR LANDSCAPE ARCHITECT FOR REVIEW. CONTRACTOR SHALL INCORPORATE AMENDMENTS FOR PROPER SOIL pH AND PLANT GROWTH AS RECOMMENDED BY TEST REPORTS AT NO INCREASE IN CONTRACT PRICE.
6. TEMPORARY AND PERMANENT SEEDING SHALL BE IN ACCORDANCE WITH THE PLANTING PLAN, NH DES STORMWATER MANUAL, VOLUME 3, AND NH DOT STANDARD SPECIFICATIONS SECTION 644.
7. AREAS WHICH ARE TO BE TOPSOILED SHALL BE SCAFFRED TO A MINIMUM DEPTH OF 3 TO 5 INCHES -- 6 TO 12 INCHES ON COMPACTED SOILS -- PRIOR TO PLACEMENT OF TOPSOIL. AREAS TO BE VEGETATED SHALL HAVE A MINIMUM 4 INCHES OF TOPSOIL IN PLACE PRIOR TO SEEDING AND MULCHING.
8. PLACING LOAM ON SITE: ALL SUBGRADE ELEVATIONS SHOULD BE UNIFORMLY GRADED TO RECEIVE LOAM AND SHALL BE INSPECTED AND APPROVED BY THE GENERAL CONTRACTOR PRIOR TO PLACEMENT OF LOAM. ALL DEPRESSIONS EXPOSED DURING THE ROLLING SHALL BE FILLED WITH ADDITIONAL LOAM.
9. SEED BED PREPARATION: AFTER FINISH GRADING AND JUST BEFORE SEEDING, THE AREAS TO BE SEEDED SHALL BE LOOSENED TO PROVIDE A RUGGED, FINELY PULVERIZED SEEDBED. THE INTENT IS A TEXTURE CAPABLE OF RETAINING WATER, SEED AND FERTILIZER WHILE REMAINING STABLE AND ALLOWING SEED TIME TO GERMINATE. SEED SHALL BE APPLIED TO THE CONDITIONED SEEDBED NOT MORE THAN 48 HOURS AFTER THE SEEDBED HAS BEEN PREPARED.
10. LIME AND FERTILIZER SHALL BE INCORPORATED INTO THE SOIL PRIOR TO OR AT THE TIME OF SEEDING. A MINIMUM OF 2 TONS PER ACRE OF AGRICULTURAL LIMESTONE AND 500 LBS. PER ACRE OF 10-20-20 FERTILIZER SHALL BE APPLIED. SEEDING PRACTICES SHALL COMPLY WITH LOCAL USDA SOIL CONSERVATION SERVICES RECOMMENDATIONS.
11. STRAW MULCH OR JUTE MATTING SHALL BE USED WHERE INDICATED ON THE PLANS. A MINIMUM OF 1.5 TONS OF MULCH PER ACRE SHALL BE APPLIED. MULCH SHALL BE ANCHORED IN PLACE WHERE NECESSARY. JUTE MATTING SHALL BE LAID IN THE DIRECTION OF RUNOFF FLOW AND APPLIED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
12. PERMANENT OR TEMPORARY COVER MUST BE IN PLACE BEFORE THE GROWING SEASON ENDS. WHEN SEEDED AREAS ARE MULCHED, PLANTINGS MAY BE MADE FROM EARLY SPRING TO EARLY OCTOBER. WHEN SEEDED AREAS ARE NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20 OR FROM AUGUST 15 TO SEPTEMBER 15. NO DISTURBED AREA SHALL BE LEFT EXPOSED DURING WINTER MONTHS.
### Notes:

1. Flared end section shall be high density polyethylene meeting ASTM D3350 minimum cell classification 213320C.
2. Metal threaded fastening rod shall be stainless steel.
3. Installation shall be in accordance with manufacturer's installation instructions.
4. Stone for the RIP-RAP may be placed by equipment and shall be constructed to the full layer thickness in one operation and in such a manner as to prevent segregation of the stone sizes.

### Table: Slope Detail

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Pipe Dia.</th>
<th>Approx. Slope X &amp; Y</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>R</th>
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<tbody>
<tr>
<td>800.30112</td>
<td>12&quot;</td>
<td>3 to 1</td>
<td>24°</td>
<td>80°</td>
<td>16&quot;</td>
<td>2&quot;</td>
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</tbody>
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**Source:** New Hampshire Department of Transportation

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**For Permitting Purposes Only**

**Not For Construction**
OUTLET CONTROL STRUCTURE NOTES:

1. STRUCTURE IS TO BE PRECAST CONCRETE.


3. GRATING SHALL BE AMICO STANDARD WELDED TYPE "W" 19W4 RESISTANCE WELDED GRATING AS MANUFACTURED BY ALABAMA METAL INDUSTRIES CORP. OR ENGINEERING APPROVED EQUAL.

4. REFER TO DETAIL 1 FOR LOCATION.

NOTES:

1. WRAP PIPE WITH "RAM-NEK" OR EQUIVALENT WHERE PIPE IS EXPOSED TO CONCRETE PRIOR TO POURING.

2. EXCAVATION & BACKFILL SHALL BE AS SPECIFIED.

3. DO NOT PLACE WITHIN 2 FEET OF A PIPE JOINT.

4. REFER TO DETAIL 1 FOR LOCATION.

CAST-IN-PLACE OR PRECAST CONC. COLLAR (MIN. 2000 PSI)

OUTLET CONTROL STRUCTURE (OCS-1)

DETENTION BASIN CROSS SECTION

NOT TO SCALE

OUTLET PIPE

12" DIA. RCP OUTLET PIPE

1.25" DIA. ORIFICE

1.25" DIA. ORIFICE

2 - 5" DIA. ORIFICES

5" BARS

"RAM-NEK" OR EQUIVALENT

SIDE OF TRENCH

BOTTOM OF TRENCH

EXCAVATED TRENCH LIMITS

UNDISTURBED EARTH

CAST-IN PLACE OR PRECAST CONC. COLLAR (MIN. 2000 PSI)

FOR PERMITTING PURPOSES ONLY

NOT FOR CONSTRUCTION

FOR PERMITTING PURPOSES ONLY

NOT FOR CONSTRUCTION
**Grading Plan Notes:**

1. REFER TO SHEET NPTT838-C001 FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS, AND LEGENDS.
2. REFER TO SHEET NPTT838-C100 FOR LOCATIONS OF WALL, PAD, AND DRIVEWAY.
3. REFER TO SHEET NPTT838-C300 FOR GRADING CROSS SECTIONS.
4. NEW HAMPSHIRE STATE PLANE COORDINATE SYSTEM HORIZONTAL DATUM - NAD83 VERTICAL DATUM - NAVD88
5. PROPOSED CONTOURS AND SPOT ELEVATIONS INDICATED REFER TO TOP OF FINISH SURFACE.
6. ALL FILL AND CUT SLOPES ARE 3:1 HORIZONTAL TO 1:1 VERTICAL (3:1) UNLESS NOTED OTHERWISE.
7. CONTRACTOR SHALL PLACE 4" TOPSOIL, AND SEED ON ALL CUT AND FILL SLOPES AS SPECIFIED UNLESS ANOTHER SURFACE MATERIAL IS INDICATED. EROSION CONTROL BLANKETS (NORTH AMERICAN GREEN SC250 OR ENGINEER APPROVED EQUAL) SHALL BE PLACED OVER ALL SLOPES AS SPECIFIED UNLESS ANOTHER SURFACE MATERIAL IS INDICATED.
8. AFTER COMPLETION OF YARD SUBGRADE WORK, THE SURFACE COURSE FOR THE SUBSTATION (INSIDE THE FENCE, 3:1 OUTSIDE THE FENCE, AND WHERE INDICATED ON THE PLANS) SHALL CONSISTS OF A 4-INCH LAYER OF CRUSHED BASALT (ANGULAR STONE) MEETING THE REQUIREMENTS EXPLAINED IN THE SPECIFICATIONS.
9. CONTRACTOR SHALL PROTECT/REPAIR ALL SLOPES UNTIL FINAL VEGETATIVE OR STONE STABILIZATION.
10. ALL EXCAVATIONS SHALL BE thorOUGHLY SECURED AND STABILIZED ON A DAILY BASIS BY THE CONTRACTOR AT THE COMPLETION OF CONSTRUCTION OPERATIONS.
11. STABILIZE ALL DITCHES, SWALES, AND PONDS PRIOR TO DIRECTING STORMWATER RUNOFF TO THEM.
12. TURF REINFORCEMENT MAT (TRM) SHALL BE INSTALLED ON ALL 3-FT HORIZONTAL TO 1-FT VERTICAL SLOPES (3:1) OR STEEPER, AND BE NORTH AMERICAN GREEN SC250 OR APPROVED EQUAL.
13. EARTHWORK AND COMPACTION SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS MADE IN THE GEOTECHNICAL ENGINEERING REPORT BY OTHERS.

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**Grading Layout Point Table**

<table>
<thead>
<tr>
<th>Point #</th>
<th>Northing</th>
<th>Easting</th>
<th>Elevation</th>
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<td>968837.54</td>
<td>1080.00</td>
<td>BSLOPE</td>
</tr>
</tbody>
</table>

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**Elevation Changes**

- **Point #100:**
  - Northing: 649704.65
  - Easting: 968837.54
  - Elevation: 1076.00
  - Description: BSLOPE

- **Point #101:**
  - Northing: 649704.65
  - Easting: 968845.27
  - Elevation: 1080.00
  - Description: BSLOPE

- **Point #102:**
  - Northing: 649704.65
  - Easting: 968844.97
  - Elevation: 1079.50
  - Description: BSLOPE

- **Point #103:**
  - Northing: 649704.65
  - Easting: 968837.54
  - Elevation: 1080.00
  - Description: TSLOPE

- **Point #104:**
  - Northing: 649704.65
  - Easting: 968836.04
  - Elevation: 1079.50
  - Description: TSLOPE

- **Point #105:**
  - Northing: 649704.65
  - Easting: 968838.64
  - Elevation: 1077.00
  - Description: TSLOPE

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**Construction Notes:**

- GRADING PLAN NOTES:
- REFER TO SHEET NPTT838-C001 FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS, AND LEGENDS.
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- AFTER COMPLETION OF YARD SUBGRADE WORK, THE SURFACE COURSE FOR THE SUBSTATION (INSIDE THE FENCE, 3:1 OUTSIDE THE FENCE, AND WHERE INDICATED ON THE PLANS) SHALL CONSISTS OF A 4-INCH LAYER OF CRUSHED BASALT (ANGULAR STONE) MEETING THE REQUIREMENTS EXPLAINED IN THE SPECIFICATIONS.
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- EARTHWORK AND COMPACTION SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS MADE IN THE GEOTECHNICAL ENGINEERING REPORT BY OTHERS.
NOTES:
1. REFER TO SHEET NPTT809-C502 FOR EROSION AND SEDIMENTATION NOTES.
2. TOTAL LIMIT OF DISTURBANCE - 38,518 SF = 0.884 ACRES.