11. ANY DISTURBED AREA ON WHICH ACTIVITY HAS CEASED AND WHICH WILL REMAIN EXPOSED MUST BE SEEDED AND MULCHED IMMEDIATELY.

DURING NON-GERMINATING PERIODS, MULCH MUST BE APPLIED AT THE RECOMMENDED RATES. DISTURBED AREAS WHICH ARE NOT AT FINISHED GRADE AND WHICH WILL BE REDISTURBED WITHIN 1 YEAR MAY BE SEEDED AND MULCHED WITH A QUICK GROWING TEMPORARY SEEDING MIXTURE AND MULCH. DISTURBED AREAS WHICH ARE EITHER AT FINISHED GRADE OR WILL NOT BE REDISTURBED WITHIN 1 YEAR MUST BE SEEDED AND MULCHED WITH A PERMANENT SEED MIXTURE AND MULCH. 13. THE PERMITTEE MUST DEVELOP, AND HAVE APPROVED BY THE MONTGOMERY COUNTY CONSERVATION DISTRICT, A SEPARATE EROSION AND SEDIMENTATION CONTROL PLAN FOR EACH SPOIL, BORROW OR OTHER WORK AREA NOT DETAILED IN THE APPROVED PLAN, WHETHER LOCATED WITHIN OR OUTSIDE OF THE CONSTRUCTION LIMITS. IF FILL MATERIAL IS NEEDED TO BRING THE ROADWAY TO GRADE FOR CONSTRUCTION OF SPECIFIED CONTROL FEATURES, BORROW MATERIAL MAY BE TAKEN FROM HIGHER UP THE HILL ABOVE EROSION CONTROLS THAT HAVE BEEN INSTALLED. 1. THE PROJECT SITE SHALL AT ALL INSPECTION BY AUTHORIZED OFFICERS FOLLOWING AGENCY: 2. A PRECONSTRUCTION MEETING IS REQUIRED AT THE SITE BETWEEN THE MONTGOMERY COUNTY CONSERVATION DISTRICT, THE PROJECT ENGINEER, THE TOWNSHIP ENGINEER AND ANY PERTINENT FIELD PERSONNEL. THIS MEETING IS TO BE HELD PRIOR TO THE START OF ANY SITE EARTH DISTURBANCE. 8. SHOULD ANY MEASURES CONTAINED WITHIN THIS PLAN PROVE INCAPABLE OF ADEQUATELY REMOVING SEDIMENT FROM ON—SITE FLOWS PRIOR TO DISCHARGE OR OF STABILIZING THE SURFACES INVOLVED, ADDITIONAL MEASURES MUST BE IMMEDIATELY IMPLEMENTED BY THE CONTRACTOR TO ELIMINATE ALL SUCH PROBLEMS. 6. THE CONTRACTOR IS ADVISED TO BECOME THOROUGHLY FAMILIAR WITH THE PROVISIONS OF APPENDIX 64, EROSION CONTROL RULES AND REGULATIONS, TITLE 25, PART I, DER, SUB-PART C, PROTECTION OF NATURAL RESOURCES, ARTICLE II, WATER RESOURCES, CHAPTER 102, EROSION CONTROL. 5. SHOULD UNFORESEEN EROSIVE CONDITIONS DEVELOP DURING CONSTRUCTION, THE CONTRACTOR SHALL TAKE ACTION TO REMEDY SUCH CONDITIONS AND TO PREVENT DAMAGE TO ADJACENT PROPERTIES AND STREAMS IN ACCORDANCE WITH PADOT 408, SECTION 845.

STOCKPILES OF CRUSHED STONE AND MULCHES SHALL BE MAINTAINED AT THE SITE IN READINESS TO DEAL IMMEDIATELY WITH EMERGENCY PROBLEMS OF EROSION. 4. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN A MANNER SUCH THAT ALL EROSION AND AIR/WATER POLLUTION IS MINIMIZED. STATE AND LOCAL LAWS CONCERNING ABATEMENT SHALL BE FOLLOWED. 3. THESE PLANS DEPICT THE DEVELOPMENT OF CONSTRUCTION PHASES. IF ADDITIONAL WORK CONTROL MEASURES MAY BE REQUIRED AND AFOBTAINED FROM THE MONTGOMERY COUNTY CO 7. THE PERMITTEE SHALL NOTIFY THE MONTGOMERY COUNTY CONSERVATION DISTRICT PRIOR TO ANY CESSATION IN EARTHMOVING ACTIVITIES. 9. UNTIL THE SITE IS STABILIZED ALL EROSION AND SEDIMENTATION CONTROLS MUST BE MAINTAINED PROPERLY. MAINTENANCE MUST INCLUDE INSPECTIONS OF ALL EROSION AND SEDIMENTATION CONTROLS AFTER EACH STORM EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, REGRADING, RESEEDING, RE-MULCHING AND RE-NETTING, MUST BE PERFORMED IMMEDIATELY. 10. EROSION AND SEDIMENTATION CONTROLS MUST BE CONSTRUCTED, FUNCTIONAL AND STABILIZED BEFORE GENERAL SITE DISTURBANCE WITHIN THE TRIBUTARY AREAS OF THOSE CONTROLS. RUNOFF FROM DISTURBED AREAS MUST PASS THROUGH A SEDIMENT REMOVAL OR RETENTION FACILITY BEFORE LEAVING THE SITE. 12. AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY EROSION AND SEDIMENTATION CONTROLS MUST BE REMOVED. AREAS DISTURBED DURING REMOVAL OF THE CONTROLS MUST BE STABILIZED. 16. EROSION CONTROL DEVICES SHALL BE INSPECTED WEEKLY AND IMMEDIATELY FOLLOWING EACH RAINFALL EVENT BY THE APPLICANT OR HIS DESIGNER. DURING OR IMMEDIATELY FOLLOWING EACH INSPECTION, EROSION CONTROLS SHALL BE MAINTAINED, REPAIRED, OR REPLACED AS NECESSARY TO ENSURE THAT THE SAID DEVICES CONTINUOUSLY FUNCTION AS DESIGNED. 14. A COPY OF THE EROSION AND SEDIMENTATION MUST BE POSTED AT THE CONSTRUCTION SITE IN , STATE LAW. 17. THE I 15. THE PERMITTEE WILL BE RESPONSIBLE FOR THE PROPER CONSTRUCTION, STABILIZATION AND MAINTENANCE OF ALL EROSION AND SEDIMENTATION CONTROL MEASURES AND RELATED ITEMS. 21. THE OWNER IS RESPONSIBLE TO INSURE THAT PROPER MECHANISMS ARE IN PLACE TO CONTROL WASTE MATERIALS. CONSTRUCTION WASTES INCLUDE, BUT ARE NOT LIMITED TO, EXCESS SOIL MATERIALS, BUILDING MATERIALS, CONCRETE WASH WATER, SANITARY WASTES, ETC. THAT COULD ADVERSELY IMPACT WATER QUALITY. MEASURES SHOULD BE PLANNED AND IMPLEMENTED FOR HOUSEKEEPING, MATERIALS MANAGEMENT, AND LITTER CONTROL. WHEREVER POSSIBLE, RECYCLING OF EXCESS MATERIALS IS REQUIRED, RATHER THAN DISPOSAL. 18. PROTECTION OF EXISTING TREES AND SHRUBS SHALL BE TAKEN THE CONTRACTOR TO ELIMINATE UNNECESSARY DAMAGE. THE CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO PRESERVE TREES. 20. TO PREVENT SOIL EROSIVE CONDITIONS SLOPES WHICH EXCEED 3:1 GRADES SHALL BE PROPERLY STABILIZED DURING CONSTRUCTION WITH EROSION CONTROL BLANKETS (NORTH AMERICAN GREEN, MIRIMAT, ETC.) AND SHALL HAVE A FINAL GROUND COVER OF LOW MAINTENANCE TALL FESCUE. 19. ALL PERMANENT SWALES SHOWN ON THE PLAN ARE TO BE CONSTRUCTED AND STABILIZED WITH INITIAL LAND GRADING OPERATIONS. ONLY SWALES OCCUPIED BY TEMPORARY FEATURE AS EROSION CONTROLS ARE TO BE COMPLETED AT A LATER D. MONTGOMERY COUNTY CONSERVA 143 LEVEL ROAD COLLEGEVILLE, PA 19426-3313 610-489-4506 F EROSION MONTGOMERY COUNTY CONSERVATION DISTRICT WHEN WORK IS COMPLETED. CONTROL NOTES CONSERVATION DISTRICT (MCCD) AND AND I SPECIFICATIONS S BE AVAILABLE I T OF 227 UNITS IN THREE ORK IS DONE, ADDITIONAL ND APPROVAL MUST BE Y CONSERVATION DISTRICT. 610-489-9795 ACCORDANCE WITH ARY FEATURES SUCH A LATER DATE. SHALL ВΥ 8. CONSTRUCT AND STABILIZE THE FOLLOWING:

SEDIMENT BASIN 1:
A. THE SEDIMENT BASIN 1
B. SWALE TS-20
C. STORM SEWER TEMP-EW-209 (WITH BASIN 1 TEMP RIP-RAP) TO C. STORM SEWER TEMP-EW-209 TO INLET 201, INLET 211 TO INLET 212 WITH TEMP PIPE, EW 200 TO INLET 201, INLET 211 TO INLET 2 SWALE TS-19.

D. STORM SEWER INLET 225 TO MH 232A, MH 232 TO INLET 255, INLET AND TEMP PIPE, AND SWALES TS-13 AND TS-14 (WITH TEMP. BERM ARCOUNTED THE CLUBHOUSE).

E. STORM SEWER INLET 254 TO FES 261B, AND SWALE PS-9.

9. CLEAR THE AREA FOR SWALE TS/PS-10, TS/PS-11, TS/PS-12, TS-16A, 10. CONSTRUCT STORM SEWER INLET 261A TO INLET 265, AND SWALES TS/P TS/PS-11, AND TS/PS-12.

CLEARING AND GRADING OPERATIONS CAN CONTINUE WITHIN THE DRAINAGE AREA OF THE EROSION CONTROL FACILITY AFTER IT IS CONSTRUCTED AND FUNCTIONAL.

INDIVIDUAL UNIT & MODEL HOME CONSTRUCTION CAN BEGIN WHEN LOTS ARE SUBGRADED. USE THE TYPICAL UNIT CONSTRUCTION SEQUENCE.

A. LOTS 1 THROUGH 9, 40 THROUGH 49, AND 50 THROUGH 66.

B. CLUBHOUSE. ROAD 'B' — STA. STA. 6+50 TO STA. 18+00

CONSTRUCT STORM SEWER INLET 265 TO INLET 267 AND SWALES PS-4, PS-7, AND PS-8.

INDIVIDUAL UNIT HOME CONSTRUCTION CAN BEGIN WHEN LOTS ARE SUBGRADED. USE THE TYPICAL UNIT CONSTRUCTION SEQUENCE.
A. LOTS 10 THROUGH 15, 18 THROUGH 39, AND 67 THROUGH 88.
B. LOTS 16 AND 17 CAN BE CONSTRUCTED ONCE SED. BASIN 4 IS RENC. CONSTRUCT STORM SEWER ENDWALL 400 TO INLET 403, AND SWALE AND PS-3. ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITHE FOLLOWING SEQUENCE. EACH STAGE SHALL BE COMPLETED BEFORE OF TOO ONLY THOSE AREAS DESCRIBED IN EACH STAGE. 4. INSTALL SILT FENCE ON DOWNHILL SIDE OF ANY DISTURBED AREA FOR PHASE 1 PRIOR TO DISTURBANCE, AS INDICATED ON PLAN. INSTALLATION SHOULD NOT PROCEED TOO FAR IN ADVANCE OF MORE PERMANENT EROSION CONTROL. SILT FENCE WILL FAIL IF FLOW LENGHTS ARE NOT INTERCEPTED BY SWALES OR STORM SEWER DIVERSIONS. AT LEAST 7 DAYS BEFORE ANY EARTH DISTURBANCE ACTIVITIES, THE OPERATOR SHALL INVITE ALL CONTRACTORS INVOLVED IN THOSE ACTIVITIES, THE LANDOWNE ALL APPROPRIATE MUNICIPAL OFFICIALS, THE EROSION AND SEDIMENT CONTROL PREPARER, AND THE MONTGOMERY COUNTY CONSERVATION DISTRICT TO AN ON-MEETING, ALSO, AT LEAST 3 DAYS BEFORE STARTING ANY EARTH DISTURBANCE ACTIVITIES, ALL CONTRACTORS INVOLVED IN THOSE ACTIVITIES SHALL NOTIFY THE PENNSYLVANIA ONE CALL SYSTEM, INC. AT 1—800—242—1776 FOR BURIED UTILL LOCATIONS. 5. STRIP TOPSOIL FROM SEDIMENT BASIN AREAS #1, #3, AND SED. TRAP 6. STABILIZED TOPSOIL STOCK PILES NOT SUBJECT TO IMMEDIATE CONSTRUCT BE STABILIZED. SILT FENCE TO BE INSTALLED AROUND THE DOWN SLOPE SIDE OF ALL STOCK PILES. 2. INSTALL STABILIZED CONSTRUCTION ENTRANCES SCE-1 AND SCE-2.
3. INSTALL TREE PROTECTION FENCE AND SILT FENCE AROUND THE AREA OF CONSTRUCTION. CLEAR THE AREA FOR THE SEDIMENT BASINS #1, #3, TRAP #1, INCLUDING STOCKPILING AREAS NECESSARY TO CONSTRUCT THE BASINS, AND SWALES TS-1, TS-13, TS-14, TS-19, TS-20, TS-27, AND 1. WETLANDS AND LIMIT OF CLEARING MUST BE DELINEATED WITH CONSTRUCTION FENCE PRIOR TO ANY EARTH MOVING ACTIVITIES.
2. INSTALL STABILIZED CONSTRUCTION ENTRANCES SCE-1 AND SC SEQUENCE 7. CONSTRUCT AND STABILIZE THE SEDIMENT TRAP 1:
A. THE SEDIMENT TRAP 1
B. SWALES TS-27 AND TS-28. SEDIMENT TRAP 1 AND ALL IMPROVEMENTS SHOULD PRIOR TO SEDIMENT BASIN 3 BEING COMISSIONED. UTILITY AND ROADWAY CONSTRUCTION CAN PROCEED IN THE AREAS COMPLETED EROSION CONTROL FACILITIES WITH THE STORM SEWER A PRIORITY. STABILIZE THE ROADS AND AREAS NOT SUBJECT TO ROAD 'E' — ENTIRE LENGTH ROAD 'F' — STA. 4+00 TO STA. 11+50 13. ROUGH GRADE PHASE 1 ROADS, EXCEPT ROAD 'B' STA. 6+50 TO STA. 18+00 AND ROAD 'C', AND UNITS WITHIN THE CONSTRUCTION AREA. STABILIZE AREAS NOT SUBJECT TO FURTHER CONSTRUCTION WITH A TEMPORARY SEEDING MIXTURE.

14. CONSTRUCT STORM SEWER INLET 256 TO INLET 279, MH 268 TO INLET 299, MH 268 TO INLET 288 WITH TEMP PIPE AND SWALES PS-15, PS-16, TS-16A AND TS-17 AND ROUGH GRADE ROAD 'C'. 11. INSTALL STREAM DIVERSION FOR BOX CULVERT. CONSTRUCT BOX CLAND TEMPORARY ROAD CROSSING. INSTALL UTILITIES, STORM SEWER, WATERMAIN, CURB & BINDER THE ROADS & UNIT AREAS:

ROAD 'A' — ENTIRE LENGTH

ROAD 'B' — STA. 1+00 TO STA. 6+50 AND STA. 18+00

ROAD 'C' — ENTIRE LENGTH

ROAD 'D' — ENTIRE LENGTH 12. INSTALL SILT FENCE ON DOWNHILL SIDE OF EXISTING MANHOLE, BEHIND LOT 175, AND ALONG ROAD 'F' STA 4+00 TO 11+00. CONSTRUCT SANITARY SEWER FROM EXISTING MANHOLE (NEAR MH 501) TO MH 122. ALL UNITS SHALL BE TEMPORARILY SEEDED. PERMANENT VEGETATION REQUIRED ON ALL STEEP SLOPES.

15. ROUGH GRADE ROAD 'B' STA. 6+50 TO STA. 18+00, INSTALL UTILITIES, STORM SEWER, WATERMAIN, CURB & BINDER COURTE ROADS & UNIT AREAS:

ROAD 'B' — STA. STA. 6+50 TO STA. 18+00 STABILIZE TOPSOIL PILES NOT SUBJECT TEMPORARY SEEDING MIXTURE. SEDIMENT BASIN 3: A. THE SEDIMENT BASIN B. SWALE TS-1 16. THE FOLLOWING CONTROLS CAN BE REMOVED AFTER THE TRIBUTARY AREAS ARE STABILIZED: A. SILT FENCE EXCEPT WHEN FENCE IS USED FOR INDIVIDUAL UNIT CONTROLS.

B. CARTWAY DIVERSION BERMS WHEN TOP COURSE OF PAVING IS CONSTRUCTED.

C. SEDIMENT BASIN 3 TEMPORARY CONTROLS CAN BE REMOVED WHEN TS-1 IS REMOVED AND LOTS 1 AND 2 ARE STABILIZED WITH UNIFORM COVER.

D. SEDIMENT TRAP 1 AND SWALE TS-28 CAN BE REMOVED WHEN UNIFORM 70% VEGETATIVE COVER OF THE ENTIRE DRAINAGE AREA IS STABILIZED.

E. SWALE TS-1 CAN BE REMOVED ONCE ROAD 'B' STATIONS 2+00 TO 6+50 ARE CONSTRUCTED, INLETS ARE IN, AND STORM SEWER FUNCTIONING.

F. SWALES TS-13 AND TS-14 CAN BE REMOVED ONCE ROAD 'B' STATIONS 21+50 TO 25+50 ARE CONSTRUCTED, INLETS ARE IN, AND STORM SEWER FUNCTIONING.

G. SWALES TS-16A AND TS-17 CAN BE REMOVED ONCE ROAD 'B' STATIONS 6+100 ARE CONSTRUCTED, INLETS ARE IN, AND STORM SEWER FUNCTIONING H. SWALES TS-27 CAN BE REMOVED ONCE EW 400 TO INLET 403 ARE CONSTRUAND FUNCTIONAL.

I. TEMP PIPE FROM INLET 287 CAN BE REMOVED AND STORM TECH CHAMBERS CONSTRUCTED ONCE UNIFORM 70% VEGETATIVE COVER OF THE ENTIRE DRAINAG AREA IS STABILIZED.

J. TEMP PIPE AND CONNECTED TO INLET 252A.

STABILIZE THE AFFECTED AREAS DISTURBED BY THE REMOVAL OF THE CONTROLS. THE FOLLOWING: WATERMAIN, CURB & BINDER COURSE TO IMMEDIATE CONSTRUCTION FURTHER CONSTRUCTION. BINDER COURSE S/PS-12, TS-16A, TS-17. AND SWALES TS/PS-10, STORMTECH CHAMBERS OF THE ENTIRE DRAINAGE ð ORANGE 읶 REMOVED.
VALES PS-2 'B' STATIONS 6+50 ÆR FUNCTIONING. )3 ARE CONSTRUCTED WHEN TS-1 COVER. IN UNIFORM 70% 00 TO 6+50 ET 227, AND LET 252A AROUND & STABILIZE CONTROLS. PS-5, PS-6, SEQUENCE OF 2. INSTALL STABILIZED CONSTRUCTION ENTRANCES SCE-3, SCE-4, SCE-5.

3. INSTALL TREE PROTECTION FENCE AND SILT FENCE AROUND THE AREA OF CONSTRUCTION. CLEAR THE AREA FOR SEDIMENT BASIN #2 AND SWALES TS-18, TS/PS-22, TS-26A, AND TS-26B.

4. INSTALL SILT FENCE ON DOWNHILL SIDE OF ANY DISTURBED AREA FOR PHASE 3 PRIOR TO DISTURBANCE, AS INDICATED ON PLAN. INSTALLATION SHOULD NOT PROCEED TOO FAR IN ADVANCE OF MORE PERMANENT EROSION CONTROL CONSTRUCTION.

5. STRIP TOPSOIL FROM SEDIMENT BASIN AREA #2.

6. CONSTRUCT AND STABILIZE THE FOLLOWING:

A. THE SEDIMENT BASIN 2

B. STORM SEWER EW 103 TO MH 104, AND SWALES TS/PS-22 AND TS-26A.

7. CONSTRUCT AND STABILIZE THE FOLLOWING:

A. SWALE TS-26B AND C.M.P. PIPE CONNECTING TO TS-26A.

B. SWALE TS-26B AND C.M.P. PIPE CONNECTING TO TS-26A. 4. INSTALL SILT FENCE ON DOWNHILL SIDE OF ANY DISTURBED AREA FOR PHASE 2 PRIOR TO DISTURBANCE, AS INDICATED ON PLAN. INSTALLATION SHOULD NOT PROCEED TOO FAR IN ADVANCE OF MORE PERMANENT EROSION CONTROL CONSTRUCTION.

INSTALL UTILITIES, STORM SEWER, WATERMAIN, CURB & BINDER COURSE & STABILIZE THE ROADS & UNIT AREAS:

ROAD 'H' — STA. 15+00 TO STA. 18+00

CONSTRUCT INLET 227 TO INLET 231 AND USE PLYWOOD BOXES WITH STONE FOR INLET PROTECTION. 1. WETLANDS AND LIMIT OF CLEARING MUST BE DELINEATED WITH ORANGE CONSTRUCTION FENCE PRIOR TO ANY EARTH MOVING ACTIVITIES. GRADING OPERATIONS CAN CONTINUE WITHIN THE DRAINAGE AREA OF THE EROSION CONTROL FACILITY AFTER IT IS CONSTRUCTED AND FUNCTIONAL. INDIVIDUAL UNIT CONSTRUCTION CAN BEGIN WHEN LOTS ARE SUBGRADED. USE THE TYPICAL UNIT CONSTRUCTION SEQUENCE.

A. LOTS 89 THROUGH 113 AND 123 THROUGH 141.

B. LOTS 114 THROUGH 122 CAN BE CONSTRUCTED ONCE SED. BASIN 1 AND E&S BASIN STOCKPILE ARE REMOVED. 6. THE FOLLOWING CONTROLS CAN BE REMOVED AFTER THE TRIBUTARY AREAS ARE STABILIZED: CONSTRUCT INLET 201 TO INLET 207 WITH STORM TECH CHAMBERS. STABILIZE TOPSOIL PILES NOT SUBJECT TO IMMEDIATE CONSTRUCTION WITH TEMPORARY SEEDING MIXTURE. INSTALL UTILITIES, STORM SEWER, WATERMAIN, CURB & BINDER COURSE THE ROADS & UNIT AREAS:
ROAD 'H' — STA. 1+00 TO STA. 15+00 CONSTRUCT MH 232A TO INLET 242, WITH TEMP PIPE FROM INLET 237 TO INLET AND INLET 238 TO INLET 240 AND CONSTRUCT SWALE PS-21. 5. ROUGH GRADE PHASE 2 ROADS, AND UNITS WITHIN THE CONSTRUCTION STABILIZE AREAS NOT SUBJECT TO FURTHER CONSTRUCTION WITH A TEMPORARY SEEDING MIXTURE. LOTS 89 — 95 AND LOTS LOTS HAVE BEEN PADDED. ALL UNITS SHALL BE TEMPORARILY SEEDED. PERMANENT VEGETATION IS REQUIRED ON ALL STEEP SLOPES. JILLTY AND ROADWAY CONSTRUCTION CAN PROCEED IN THE AREAS COMPLETED EROSION CONTROL FACILITIES WITH THE STORM SEWER A PRIORITY. 1. WETLANDS AND LIMIT OF CLEARING MUST BE DELINEATED WITH ORANGE CONSTRUCTION FENCE PRIOR TO ANY EARTH MOVING ACTIVITIES. GRADING OPERATIONS CAN CONTINUE WITHIN THE DRAINAGE AREA OF THE EROSION CONTROL FACILITY AFTER IT IS CONSTRUCTED AND FUNCTIONAL. INDIVIDUAL UNIT CONSTRUCTION CAN BEGIN WHEN LOTS ARE SUBGRADED. USE 6. ROUGH GRADE ALL PHASE 3 ROADS AND UNITS WITHIN THE CONSTRUCTION AREA. STABILIZE AREAS NOT SUBJECT TO FURTHER CONSTRUCTION WITH A TEMPORARY SEEDING MIXTURE. INSTALL TREE PROTECTION FENCE AND SILT FENCE AROUND THE AREA CONSTRUCTION. INSTALL STABILIZED CONSTRUCTION ENTRANCES STABILIZE TOPSOIL PILES NOT SUBJECT TO IMMEDIATE CONSTRUCTION WITH A TEMPORARY SEEDING MIXTURE. TYPICAL A. WETLANDS MITIGATION AREA BELOW BASIN 2. B. STABILIZE AREAS IMMEDIATELY UPON INSTALLATION. B. THE FOLLOWING CONTROLS CAN BE REMOVED AFTER THE TRIBUTARY AREAS ARE STABILIZED: ALL UNITS SHALL BE TEMPORARILY SEEDED.
INSTALL TRENCHES 1.01, 1.02, AND SWALE PS-2 INSTALL UTILITIES, STORM SEWER, CURB & BINDER COURSE & STABILIZE THE ROADS & UNIT AREAS: 1. STAKE OUT LIMITS OF BASIN CONSTRUCTION AND INSTALL SILT FENCE DOWNHILL OF PROPOSED CONSTRUCTION AREAS. STABILIZE THE AFFECTED AREAS DISTURBED BY THE REMOVAL OF THE CONTROLS. TILITY AND ROADWAY CONSTRUCTION CAN PROCEED IN THE AREAS OMPLETED EROSION CONTROL FACILITIES WITH THE STORM SEWER A RIORITY. CONSTRUCT AND STABILIZE THE FOLLOWING: CLEAR AND GRUB THE BASIN AREAS. CONSTRUCT BASIN AND ALL RELATED ABILIZE THE BASIN. C. SEDIMENT BASIN 1 TEMPORARY CONTROLS CAN BE REMOVED WHEN UNIFORM 70% VEGETATIVE COVER OF THE ENTIRE DRAINAGE AREA IS STABILIZED.

D. SWALE TS-19 AND TEMP PIPE CAN BE REMOVED ONCE ROAD 'H' STATIONS 15+00 TO 18+00 AND ROAD 'D' ARE CONSTRUCTED, INLETS IN, AND STORM SEWER FUNCTIONING. E. SWALE TS-20 CAN BE REMOVED ONCE ROAD 'H' STATIONS 10+00 TO 15+00 IS CONSTRUCTED AND STORM SEWER FUNCTIONING AND LOTS 104 TO 114 ARE STABILIZED.

F. TEMP PIPE FROM INLET 238 TO INLET 237, AND INLET 240 TO 238 CAN BE REMOVED AND STORMTECH CHAMBERS CONSTRUCTED ONCE UNIFORM 70% VEGETATIVE COVER OF THE ENTIRE DRAINAGE AREA IS STABILIZED.

ENTIRE DRAINAGE AREA IS STABILIZED.

ELIZE THE AFFECTED AREAS DISTURBED BY THE REMOVAL OF THE CONTROLS. A. SILT FENCE EXCEPT WHEN FENCE IS USED FOR INDIVIDUAL UNIT CONTROLS.
B. CARTWAY DIVERSION BERMS WHEN TOP COURSE OF PAVING IS CONSTRUCTED. A. SILT FENCE EXCEPT WHEN FENCE IS USED FOR INDIVIDUAL UNIT CONTROLS.
B. CARTWAY DIVERSION BERMS WHEN TOP COURSE OF PAVING IS CONSTRUCTED.
C. SEDIMENT BASIN 2 TEMPORARY CONTROLS CAN BE REMOVED WHEN UNIFORM 70% VEGETATIVE COVER OF THE ENTIRE AREA IS STABILIZED.
D. TS-26A, TS-26B, AND TEMP C.M.P. PIPE CAN BE REMOVED WHEN ROAD 'F' STATIONS 1+00 TO 8+00 IS CONSTRUCTED AND STORM SEWER FUNCTIONING.
E. TS-18 CAN BE REMOVED WHEN ROAD 'F' STATIONS 8+00 TO 15+00 IS CONSTRUCTED. AND STORM SEWER FUNCTIONING. ROAD 'E' — ENTIRE LENGTH ROAD 'F' — ENTIRE LENGTH ROAD 'G' — ENTIRE LENGTH SEDIMENT BASIN (AND TRAP) CONSTRUCTION SEQUENCE CONSTRUCTION CONSTRUCTION 125 - 140 SHALL BE STABILIZED IMMEDIATELY ALL RELATED PHASE OUTFALL s 131 -24 C ONCE LOTS 189 TO 208 HAVE BEEN 6 AND STRUCTURES œ STABILIZE 1. AT WETLANDS AND STREAM CROSSING, A 50 FOOT BE MAINTAINED FROM THE EDGE OF THE WETLANDS OF BANK AS APPLICABLE, WITHIN THIS PERIMETER, CLEAD DISTURBANCE, EXCAVATION AND EQUIPMENT TRAFFICM MINIMIZED. ACTIVITIES SUCH AS STACKING CUT LOGS CLEARED BRUSH, DISCHARGING RAINWATER FROM TREPIPE SECTIONS, REFUELING AND MAINTAINING EQUIPM ACCOMPLISHED OUTSIDE OF THE 50 FOOT PERIMETER NOTE: UTILITY TRENCHING OPERATIONS SHALL BE LIMITED LENGTH OF PIPE THAT CAN BE INSTALLED & BACKFILLED WORKING DAY. TYPICAL UTILITY CONSTRUCTION SEQUENCE B. IMMEDIATELY AFTER ROADWAY STONE BALLAST IS CARTWAY DIVERSION BERMS—STONE. A. IMMEDIATELY AFTER INLETS ARE PLACED AND STFUNCTIONAL, INSTALL CARTWAY DIVERSION BERMS—FSHOWN ON THE PLANS. D. CARTWAY DIVERSIONS NEED NOT BE INSTALLED FOR SUMP INLETS. C. IMMEDIATELY AFTER THE BINDER COURSE IS PLACED, INSTALL CARTWAY DIVERSION BERMS—PAVING. 1. INSTALL SILT FENCE ON THE UNIT DOWNHILL SIDE OF PROPOSED CONSTRUCTION AREAS. TYPICAL UNIT CONSTRUCTION SEQUENCE 5. AFTER THE UNIT IS COMPLETELY STABILIZED REMOVE SILT FENCE RE—STABILIZE AREAS DISTURBED DURING REMOVAL OF FENCING. 4. FINE GRADE AND STABILIZE THE UNIT IN ACCORDANCE WITH THE SURFACE STABILIZATION CRITERIA FOR PERMANENT COVER. TYPICAL EROSION
ON STEEP SLOPES INSTALL UTILITIES AND BACKFILL TRENCHES IMMEDIATELY. PLACE EXCAVATED MATERIAL ON THE UPHILL SIDE TYPICAL 3. UPON IMMEDIATI 2. BEGIN INSTALLATION OF PIPE, DISTURBING ONLY THE AREA REQUIRED FOR CONSTRUCTION. DO NOT EXCAVATE THE TRENCH FOR ANY MORE LENGTH THAN THE PIPE CAN BE INSTALLED AND BACKFILLED BY THE END OF THE DAY. 1. PRIOR TO ANY EARTHMOVING ACTIVITIES, SILT FENCE AND/OR STONE OUTLET SEDIMENT TRAPS SHALL BE INSTALLED BELOW THE DISTURBED AREA. TYPICAL WETLANDS AND STREAM CROSSING SEQUENCE FOR ROADS AND ADDITIONAL REQUIREMENTS FOR STORM SEWERS: BACKFILL TRENCHES WITH COMPACTED EARTH IN 5. THE CONTRACTOR SHALL CONTINUALLY MONITO CONTROL MEASURES UNTIL THE DISTURBED AREA DEFECTS SHALL BE IMMEDIATELY CORRECTED. 4. AS WORK UP THE SLOPE PROGRESSES, INSTALDISTURBED AREA FORTY FEET (40') ON-CENTER ISEDIMENT FLOW ACROSS AND GULLEYING OF THE 1. DEWATER THE BASIN PER THE PUMPED WATER SILTATION SUMP DETAIL OR PUMPED WATER SILTATION BASIN DETAILS.
2. REMOVE ACCUMULATED SEDIMENT. MIX WITH UNIT TOPSOIL ANI STABILIZE. NOTE: PRIOR TO BASIN OR TRAP REMOVAL ALL EARTH DISTURBANCE MUST BE COMPLETE AND ALL AREAS MUST BE STABILIZED WITHIN 90% OF THE TRIBUTARY AREAS OF THE BASIN (OR TRAP) TO BE REMOVED UNLESS ALTERNATIVE CONTROLS ARE IN PLACE. ROUGH GRADE UNIT AREAS AND CONSTRUCT THE DWELLING. REGRADE THE AREA TO PROPOSED FINAL GRA INSTALLATION OF THE PIPE, THE TRENCH TELY BACKFILLED AND COMPACTED AS WOPE, JUTE MATTING SHALL BE INSTALLED OVER THE DISTURBED AREA AND IMMEDI \_ THE CONSTRUCTION ENTRANCE AT THE DRIVEWAY. DRIVE AREAS IMMEDIATELY WITH THE DRIVEWAY STONE BASE. SEDIMENT BASIN (OR TRAP) REMOVAL SEQUENCE CONTROL MEASURES FOR INSTA KE3 AbB2 LaC3 O TO 3 PERCENT SLOPES
ABBOTTSTOWN SILT LOAM
3 TO 8 PERCENT SLOPES
BOWMANSVILLE SILT LOAM AS NEEDED ALL FENCE ACROSS THE MINIMUM TO PREVENT E DISTURBED AREA. CH SHALL BE WORK PROGRESSES UP WITHIN 24 HOURS AS DIATELY SEEDED. -ROUGH CUT, A FOOT PERIMETER SHALL DS OR THE STREAM DLEARING, SOD FIC SHALL BE LOGS, BURNING TRENCHES, WELDING JIPMENT SHOULD BE ADES. OR THE EROSION IS STABILIZED. ANY LATION OF UTILITIES TOWNSHIP PLACED, INSTALL 유 TRENCHES. ₹ d ONE (1) ROADS. AND AbB2
Bp
Bp
KsE3
LaC3
LaC2
ReB2
ReC2
RsB2
RsSC3 34XI OPTIMUM SEEDING MARCH 15 TO JUNE 1 OR AUGUST 15 15 ACCEPTABLE PLANTING JUNE 1 TO AUGUST 14. PERMANENT COVER: DETENTION BASINS RECLAIM CONSERVATION SEED MIXTURE BY LOFTS SEED, INC. DAMP AREA FORMULA OR SIMILAR. FROM OCTOBER 15 TO APRIL 15 USE TEMPORARY COVER. WITH PERMANENT COVER FROM APRIL 15 TO OCTOBER 15. 55% TRIBUTE TALL FESCUE
15% NASSUA KENTUCKY BLUEGRASS
10% PALMER PERENNIAL RYEGRASS
10% SABRE OR LASER POS TRIVIALIS
10% STREAKER REDTOP
ELIMINATE REED CANARY GRASS AND INCREASE REDTOP
AT 4 LBS. /1000 SQ. FT. 2. DISTURBED AREAS WHICH ARE EITHER AT FINISHED GRADE OR WILL NOT BE REDISTURBED WITHIN 1 YEAR MUST BE SEEDED AND MULCHED WITH A PERMANENT SEED MIXTURE AND MULCH. 4. SOIL TESTING IS RECOMMENDED TO DETERMINE THE REQUIREMENTS FOR FERTILIZER AND LIME. WHERE SUBSOIL IS SEEDED AS A TEMPORARY MEASURE, THIS IS PARTICULARLY IMPORTANT. SUBSOIL MATERIAL ONSITE CAN BE MUCH MORE ACIDIC THAN THE TOPSOIL. 3. MULCH BASINS, TRAPS, SWALES AND STOCKPILES IMMEDIATELY AFTER SEEDING. ANCHORED NETTING IS TO BE INSTALLED OVER MULCH ON SLOPES 3:1 MULCH AND NETTING NEED NOT BE INSTALLED WITHIN SEDIMENT BASINS AND TRAPS BELOW CLEANOUT ELEVATIONS. , ANY DISTURBED AREA ON WHICH ACTIVITY HAS CEASED MUST BE SEEDED AND MULCHED IMMEDIATELY. DISTURBED AREAS WHICH ARE NOT AT FINISHED GRADE AND WHICH WILL BE REDISTURBED WITHIN 1 YEAR MAY BE SEEDED AND MULCH WITH A QUICK GROWING TEMPORARY SEEDING MIXTURE AND MULCH. FERTILIZER — STANDARD QUALITY

10-10-10 STARTER FERTILIZER 1.0 TON/ACRE
LIME — AGRICULTURAL LIMESTONE

85% MINIMUM OF CARBONATES 3.0 TONS/ACRE TEMPORARY COVER: FOR EXPOSURE Abbottstown silt loam, 0 to 3 percent slopes
Abbottstown silt loam, 3 to 8 percent slopes, moderatly eroded
Bowmansville silt loam
Klinesville very shaly silt loam, 15 to 35 percent slopes, severely eroded
Lansdale loam, thin, 8 to 15 percent slopes, severely eroded
Lansdale silt loam, 8 to 15 percent slopes, moderately eroded
Readington silt loam, 3 to 8 percent slopes, moderately eroded
Reaville shaly silt loam, 3 to 8 percent slopes, moderately eroded
Reaville shaly silt loam, 3 to 8 percent slopes, moderately eroded PERMANENT COVER: (FOR EXPOSURE PERIODS OVER DISTURBED AREAS NOT PAVED EXCEPT BASINS. EED- MINIMUM 90% PURITY AND 85% GERMINATION.
FROM APRIL 15 TO OCTOBER 15:
60% KENTUCKY BLUEGRASS
10% PENNFINE PERENNIAL RYEGRASS
30% PENNLAWN FESCUE
AT 4 LBS. /1000 SQ. FT. Based on the Montgomery County Soil Survey dated April 1967, the following soil types can be found on—site: ED - MINIMUM 90% | FROM APRIL 15 TO STRAW OR HAY: 85% MINIMUM OF H — ALL YEAR. ALTERNATE — HYDRAULICALLY APPLIED
WOOD CELLULOSE FIBER: 320 #/1000—SF

— BLUE TAG CERTIFIED SEED, STANDARD QUALITY
WEED FREE MIXED KENTUCKY BLUEGRASS 1" THICK, 12—16", 12—16", 14—5' LONG. NO SOD IS PROPOSED, THIS IS A HOME BUYER OPTION IN PLACE OF SEEDING. ALTERNATE — HYDRAULICALLY APPLIED WOOD CELLULOSE FIBER: 320 #/1000-12-20-20 1 TON/ACRE - AGRICULTURAL LIMESTONE STABILIZATION CRITERIA: - ALL YEA STRAW OR **APRIL** STARTER QUALITY EPTH 10 BEUNDUNG; SEVERE; FLOODING; HIGH WATER TABLE SEVERE; SLOPE 15 TO OCTOBER 15: НАҮ: DESCRIPTION 컹 O OCTOBER CARBONATES E GRASS RF 3.0 TONS/ACRE APRIL AND 85% 3.0 TONS/ACRE TONS/ACRE GERMINATION. TABL TO OCTOBER RESEED

70 S22.01 8

NOTES AT PROVIDENCE

(a.k.a. FOGEL TRACT) MONTGOMERY CO., PENNSYLVANIA

EROSION & SEDIMENT CONTROL

MDD JMM MDD MDD 2 7/21/04 PAB 1 6/07/04 REV. DATE

EASTERN STATES ENGINEER ESE INEERING CIVIL ENGINEERS - LAND SURVEYORS - LANDSCAPE ARCHITECTS - LAND PLANNERS

250 GIBRALTAR ROAD SUITE 2E HORSHAM, PA 19044 TEL: (215) 914-2050 FAX: (215) 293-5488

