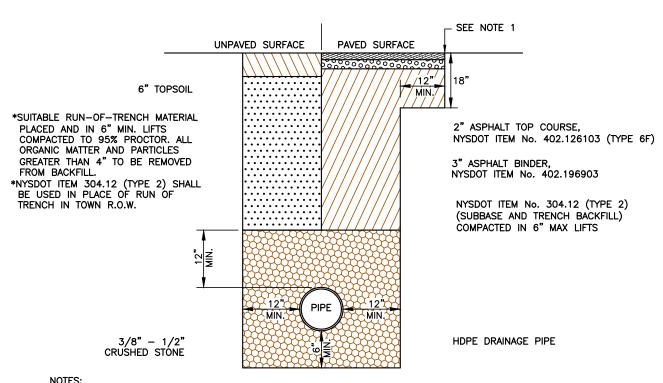


- 1. SEE GRADING AND UTILITY PLAN TO IDENTIFY CURB OR CURBLESS TYPE GRATES
- 2. PRECAST CATCH BASIN, FRAME, AND GRATE SHALL BE DESIGNED FOR H-20 LOADING.
- 3. PRECAST CONCRETE TOP WITH FRAME AND GRATE MAY NOT BE USED.
- 4. LADDER RUNGS SHALL BE STEEL REINFORCED POLYPROPYLENE PLASTIC STEPS IN CONFORMANCE WITH ASTM C-478, 12" TO BOTTOM.
- 5. ALL PIPES SHALL BE LAID OR CUT FLUSH WITH THE INSIDE OF THE CATCH BASIN WALL AND SHALL BE FIRMLY PARGED IN PLACE, BOTH INSIDE AND OUTSIDE.
- 6. BACKFILL SHALL BE SELECT FILL COMPACTED IN 6 " LIFTS.
- 7. PRECAST "KNOCKOUT" BASINS SHALL NOT BE USED.
- 8. IF A HOLE IS FIELD BROKEN INTO THE WALL, THE REMAINING WALL SHALL BE MINIMUM 4" FROM THE
- CORNER TO THE EDGE OF THE REMAINING CONCRETE. THE OPENING SHALL BE SEALED AND PARGED AFTER THE PIPE IS INSERTED. FURTHER THE 4" MINIMUM APPLIES TO A SKEWED PIPE ENTRANCE ALSO.
- 9. THERE SHALL BE NO SUMPS FOR OFF-ROAD CATCH BASINS.

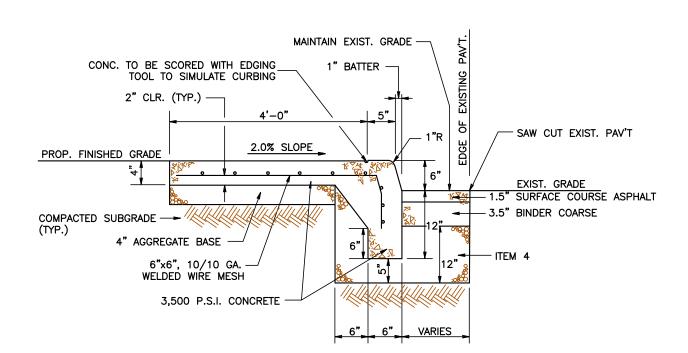
STANDARD PRECAST CONCRETE CATCH BASIN DETAIL NOT TO SCALE



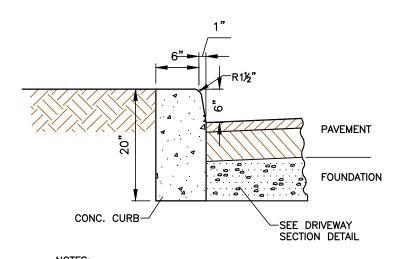
- SAW CUT 12" MIN. FROM EDGE OF TRENCH IN ALL PAVED AREAS. EDGES OF SAW CUT SHALL BE SEALED WITH ASPHALT EMULSION PRIOR TO PAVING.
- 2. PAVEMENT SECTION IN AREAS OF NEW CONSTRUCTION SHALL CONFORM TO TYPICAL PAVEMENT SECTION.
- 3. WHEN PLACING FILL OR BACKFILL AROUND CULVERTS AND PIPES, LIFTS SHALL BE PLACED TO PROGRESSIVELY BURY THE PIPE OR CULVERT TO EQUAL DEPTHS ON BOTH SIDES.
- 4. BACKFILL MATERIAL UNDER PAVED AND UNPAVED SURFACES SHALL BE RUN-OF-TRENCH MATERIAL AND BE PLACED IN HORIZONTAL LIFTS NOT EXCEEDING 6 INCHES IN THICKNESS PRIOR TO COMPACTION. IF EXCAVATED MATERIAL IS
- UNSUITABLE FOR BACKFILLING, R.O.B GRAVEL SHALL BE USED. NO STONE GREATER THAN 4" INCHES IN SIZE SHALL BE PLACED IN TRENCH. 5. TRENCH EXCAVATION SHALL CONFORM TO AWWA STANDARDS AS WELL AS OSHA REQUIREMENTS.
- 6. IF UNSUITABLE MATERIAL IS FOUND AT BOTTOM OF TRENCH, AN APPROVED MEANS OF SUPPORTING THE PIPE SHALL BE IMPLEMENTED SUBJECT TO APPROVAL BY THE TOWN ENGINEER.
- 7. RUN-OF-TRENCH BACKFILL SHALL BE FREE FROM COBBLES, FROZEN SOIL OR ANY ORGANIC MATERIAL. 8. CRUSHED STONE SHALL BE INSTALLED IN 6" (MAXIMUM) LIFTS AND MECHANICALLY COMPACTED.

STORM DRAINAGE PIPE TRENCH DETAIL

NOT TO SCALE



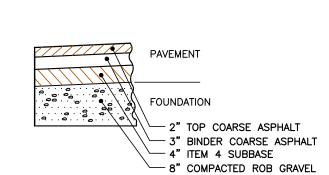
MONOLITHIC CONCRETE CURB & SIDEWALK DETAIL NOT TO SCALE



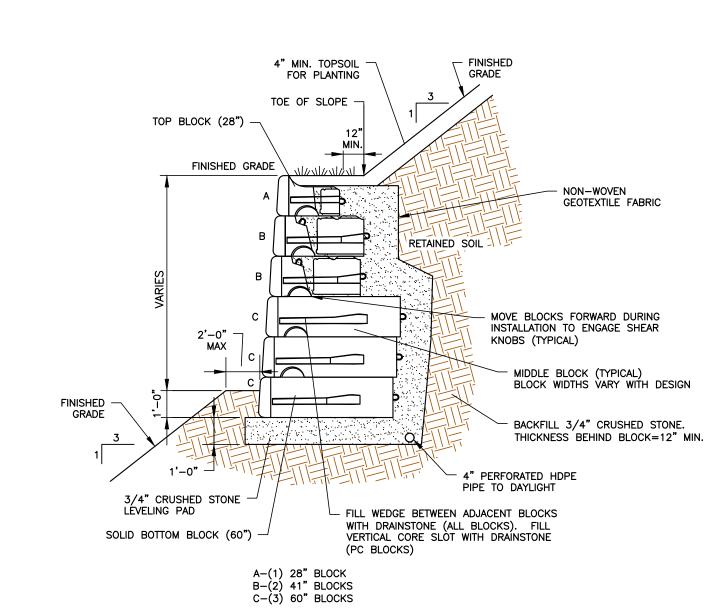
NOTES:

1. TO BE USED OUTSIDE OF THE NYSDOT PAVING LIMITS. NON-MOUNTABLE CONCRETE CURB DETAIL

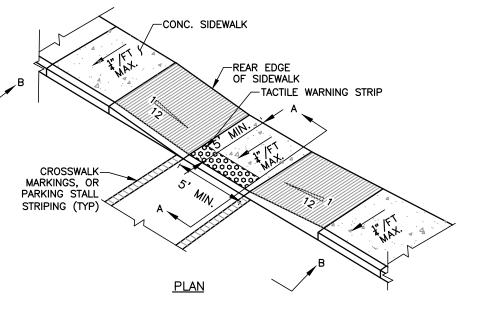
NOT TO SCALE

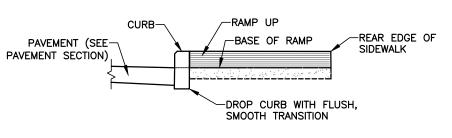


PAVEMENT SECTION DETAIL NOT TO SCALE

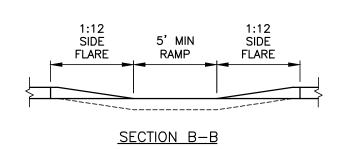


 BLOCK RETAINING WALL SHALL BE AS MANUFACTURED BY REDI ROCK. BLOCKS SHALL BE LEDGESTONE COLOR AND STYLE.
 RETAINING WALL SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL MANUFACTURER SPECIFICATIONS
 GRAVITY BLOCK RETAINING WALL SHALL PROVIDE A "STANDARD" BATTER CONSISTENT WITH THE MANUFACTURER'S SPECIFICATIONS.
 SPECIFIC BLOCK CONFIGURATION SHALL BE DESIGNED FOR THE APPROPRIATE HEIGHT AND BACKFILL AND FINISHED GRADE BEHIND EACH WALL. TYPICAL BLOCK RETAINING WALL DETAIL NOT TO SCALE

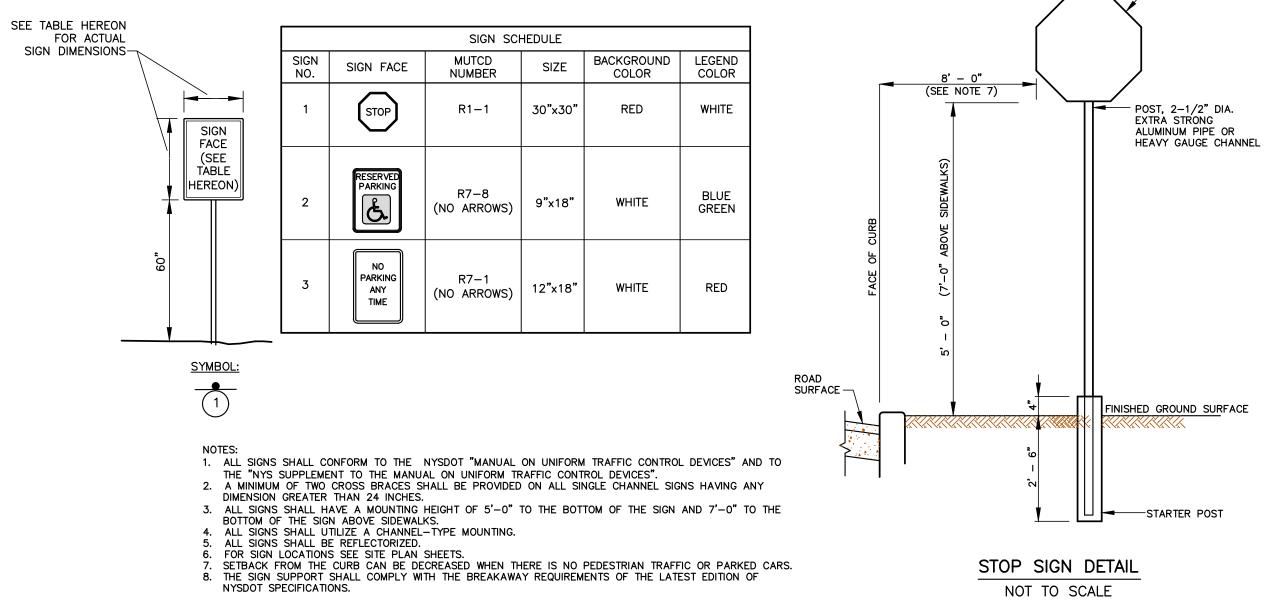




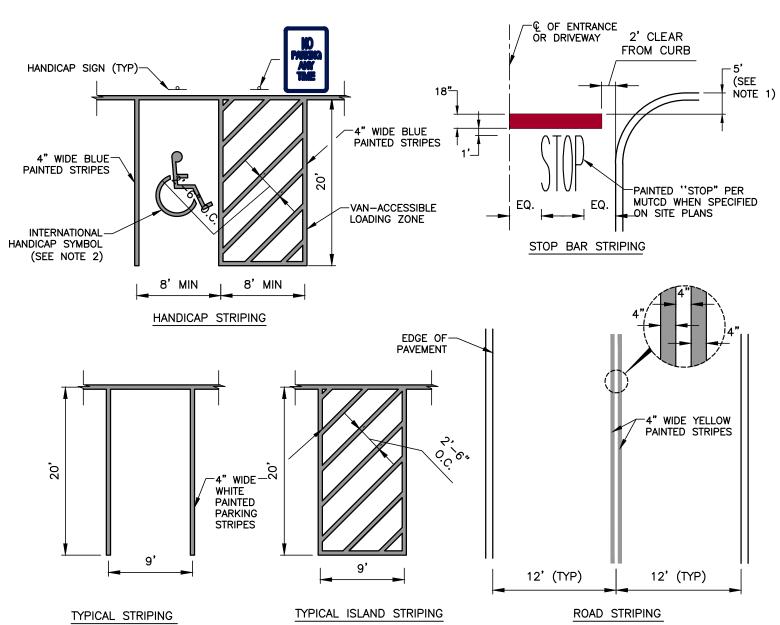
SECTION A-A



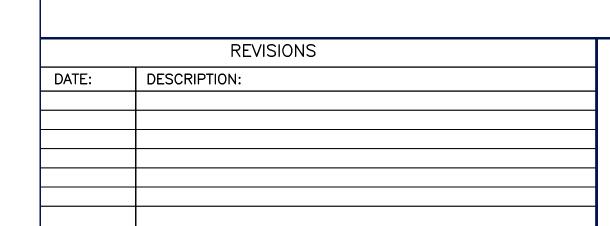
HANDICAP RAMP DETAIL NOT TO SCALE

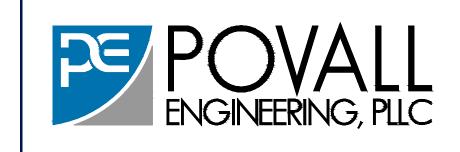


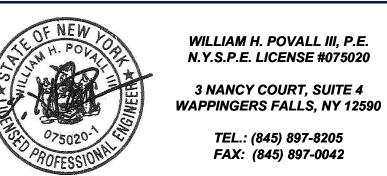
PROPOSED SIGN DETAIL NOT TO SCALE



NOTES:
1. ALL DISTANCES SUBJECT TO CURRENT ZONING AND SITE REGULATIONS. 2. PAINTED HANDICAP SYMBOL TO BE IN ACCORDANCE WITH ADA STANDARDS. 3. STOP BAR SHALL BE PLACED A MINIMUM OF 4' IN ADVANCE OF THE NEAREST CROSSWALK LINE AT CONTROLLED INTERSECTIONS WITH CROSSWALKS. 4. STRIPING WORK SHALL BE REVIEWED AND ACCEPTED BY THE AUTHORITY HAVING JURISDICTION. PAVEMENT MARKINGS DETAIL NOT TO SCALE







SITE PLAN FOR U-HAUL, STAGE DOOR ROAD

DETAILS

D-1 SHEET 6 OF 8

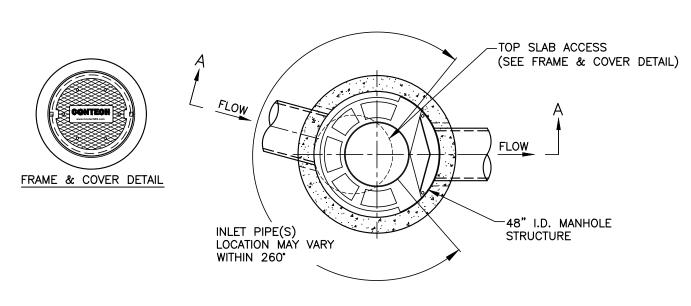
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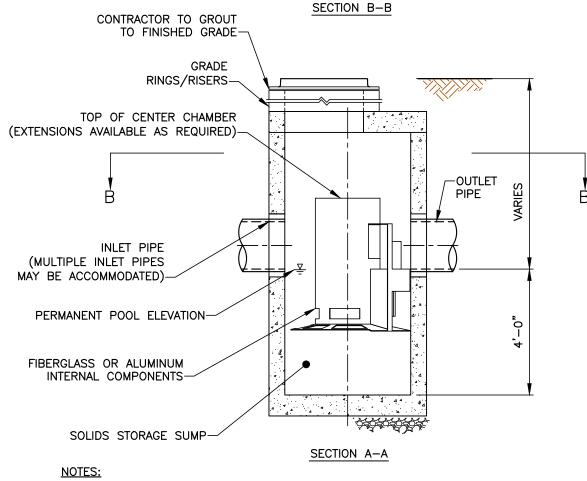
DATE: 07-17-23

SCALE: N.T.S.

TOWN OF WAPPINGER

DUTCHESS COUNTY, NEW YORK



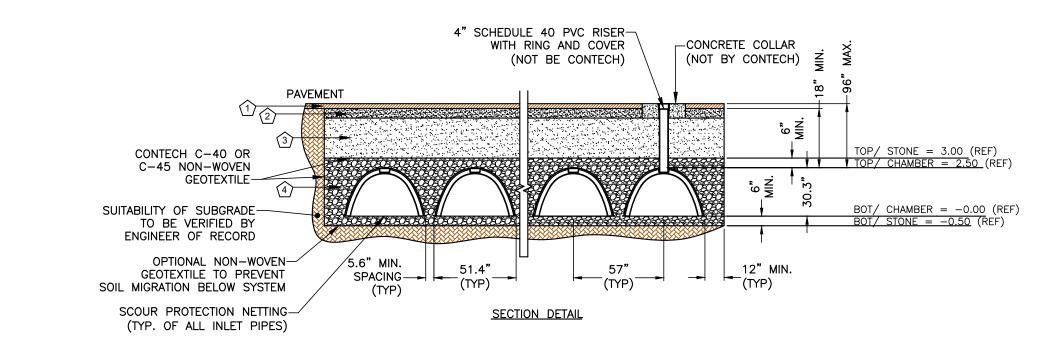


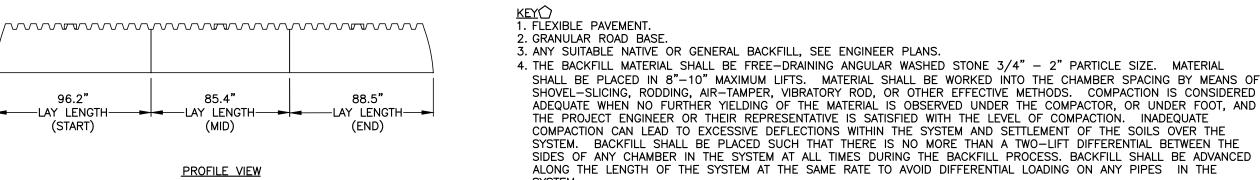
- . CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE. 2. FOR SITE SPECIFIC DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHT, PLEASE CONTACT YOUR CONTECH
- ENGINEERED SOLUTIONS LLC REPRESENTATIVE. www.ContechES.com 3. CASCADE SEPARATOR WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING. CONTRACTOR TO CONFIRM STRUCTURE MEETS REQUIREMENTS OF PROJECT. 4. CASCADE SEPARATOR STRUCTURE SHALL MEET AASHTO HS20 LOAD RATING, ASSUMING EARTH COVER OF 0' - 2' [610] AND GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM

ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET AASHTO M306 AND BE CAST WITH THE CONTECH LOGO.

5. CASCADE SEPARATOR STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C478 AND AASHTO LOAD

- FACTOR DESIGN METHOD. 6. ALTERNATE UNITS ARE SHOWN IN MILLIMETERS [mm].
- A. ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- B. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CASCADE SEPARATOR MANHOLE STRUCTURE. . CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLE STRUCTURE.
- D. CONTRACTOR TO PROVIDE, INSTALL, AND GROUT INLET AND OUTLET PIPE(S). MATCH PIPE INVERTS WITH ELEVATIONS SHOWN. ALL PIPE CENTERLINES TO MATCH PIPE OPENING CENTERLINES. E. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT
- MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED. UNIT SPECIFICATION:
- UNIT TO BE 4' DIA. CASCADE SEPARATOR, CS-4 AS MANUFACTURED BY CONTECH ENGINEERED SOLUTIONS, LLC. OIL/WATER SEPARATOR DETAIL NOT TO SCALE



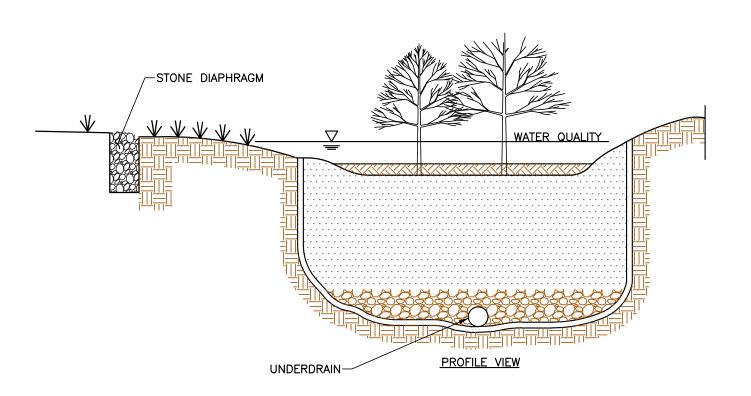


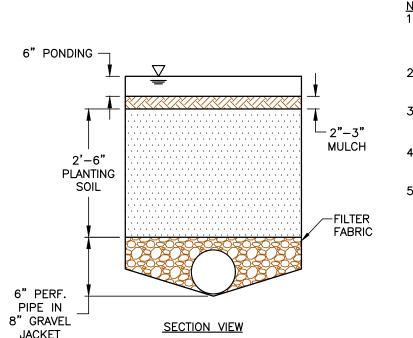
EQUIPMENT USED TO PLACE AND COMPACT THE BACKFILL SHALL BE OF A SIZE AND TYPE SO AS NOT TO DISTORT, DAMAGE, OR DISPLACE THE CHAMBERS. ATTENTION MUST BE GIVEN TO PROVIDING ADEQUATE MINIMUM COVER FOR SUCH EQUIPMENT, AND MAINTAIN BALANCED LOADING ON ALL CHAMBERS IN THE SYSTEM, DURING ALL SUCH OPERATIONS. OTHER ALTERNATE BACKFILL MATERIAL MAY BE ALLOWED DEPENDING ON SITE SPECIFIC CONDITIONS. CONTACT YOUR LOCAL CONTECH REPRESENTATIVE FOR DETAILS.

INSTALLATION NOTES CHAMBERMAXX INSTALLATION GUIDE TO BE REVIEWED BY CONTRACTOR PRIOR TO INSTALLATION. 2. PRIOR TO PLACING BEDDING, THE FOUNDATION MUST BE CONSTRUCTED TO A UNIFORM AND STABLE GRADE. IN THE EVENT THAT UNSUITABLE FOUNDATION MATERIALS ARE ENCOUNTERED DURING EXCAVATION, UNSUITABLE MATERIAL SHALL BE REMOVED AND BROUGHT BACK TO GRADE WITH FILL MATERIAL AS APPROVED BY THE ENGINEER OF RECORD. ONCE THE FOUNDATION PREPARATION IS COMPLETE, THE BEDDING MATERIAL CAN BE PLACED. 3. THE SCOUR PROTECTION NETTING TO EXTEND 1'-0" BEYOND OUTSIDE EDGE OF INLET CHAMBERS 4. COVER ANY OPEN VOID SPACES GREATER THAN 3/4" ON CHAMBERS WITH A NON-WOVEN GEOTEXTILE TO PREVENT INFILTRATION OF BACKFILL MATERIAL. 5. STONE EMBEDMENT MATERIAL SHALL BE INSTALLED TO 95% STANDARD PROCTOR DENSITY AND PLACED IN 6—INCH TO 8-INCH LIFTS SUCH THAT THERE IS NO MORE THAN A TWO LIFT DIFFERENTIAL BETWEEN ANY OF THE CHAMBERS AT ANY TIME. GRANULAR BACKFILL MATERIAL SHALL BE COMPACTED TO 90% SPD. BACKFILLING SHALL BE ADVANCED ALONG THE LENGTH OF THE CHAMBER ROWS AT THE SAME RATE TO AVOID DIFFERENTIAL LOADING AND DISPLACEMENT OF THE CHAMBERS. THE MINIMUM CHAMBER SPACING MUST BE MAINTAINED. 6. REFER TO CHAMBERMAXX INSTALLATION GUIDE FOR TEMPORARY CONSTRUCTION LOADING GUIDELINES. 7. IT IS ALWAYS THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW OSHA GUIDELINES FOR SAFE PRACTICES. 8. GENERAL INSTALLATION METHODS AND MATERIALS TO BE IN ACCORDANCE WITH ASTM D2321.

CHAMBERMAXX DESIGN DETAILS					
FEATURE	START CHAMBER	MIDDLE CHAMBER	END CHAMBER		
OVERALL CHAMBER HEIGHT — IN	30.3	30.3	30.3		
OVERALL CHAMBER WIDTH - IN	51.4	51.4	51.4		
ACTUAL LENGTH - IN	98.4	91.0	92.0		
INSTALLED LAY LENGTHS — IN	96.2	85.4	88.5		
CHAMBER STORAGE VOLUME - CF	50.2	47.2	46.2		
CHAMBER STORAGE PER LINEAR FOOT - CF/LF	6.3	6.6	6.3		
*MIN. INSTALLED CHAMBER VOLUME - CF	78.1	75.1	74.1		
*MIN. INSTALLED CHAMBER VOLUME PER LINEAR FOOT - CF/LF	9.7	10.6	10.0		
CHAMBER WEIGHT - LB	83	73	76		
*6" OF STONE ABOVE AND BELOW CHAMBER, 5.6" CHAMBER SPACING AND 40% POROSITY					

STORMWATER INFILATRATION PRACTICE DETAIL NOT TO SCALE





REVISIONS

DESCRIPTION:

. PLANTING SOIL TO BE A SANDY LOAM, LOAMY SAND, LOAM (USDA), OR A LOAM/SAND MIX (MIN. 35 TO 65% SAND BY VOLUME). 2. PLANTING SOIL TO HAVE A PERMEABILITY OF AT LEAST 1.0 FOOT PER DAY.

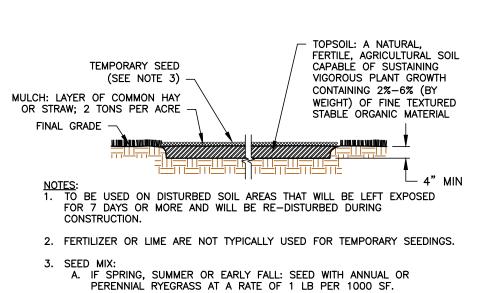
3. PLANTING SOIL TO BE FREE OF STONES, STUMPS, ROOTS, OR OTHER WOODY MATERIAL OVER 1" IN DIAMETER. 4. PLACEMENT OF PLANTING SOILS TO BE IN 12 TO 18" LIFTS, LOOSELY COMPACTED.

5. SPECIFIC SPECIFICATIONS 1.5 TO 4.0% ORGANIC MATTER 35 LBS/AC (MIN.) MAGNESIUM PHOSPHOROUS 75 LBS/AC (MIN.) POTASSIUM 85 LBS/AC (MIN.) SOLUBLE SALTS 500 PPM 6 MUICH LAYER TO BE STANDARD LANDSCAPE STYLE SINGLE OR DOUBLE, SHREDDED HARDWOOD MULCH OR CHIPS. THE MULCH LAYER SHOULD BE WELL AGED (STOCKPILED OR STORED FOR AT LEAST 12 MONTHS).

ÙNIFORM IN COLOR, AND FREE OF WEEDS, ROOTS, ŚÓIL.

ETC. GRASS CLIPPINGS SHALL NOT BE USED AS MULCH

BIORETENTION POND B TYPICAL CROSS SECTION NOT TO SCALE



SCOUR PROTECTION NETTING

18" HDPE

MANIFOLD (TYP.)-

(NOT BY CONTECH)

(NOT BY CONTECH)

(90' WIDE TYP.)-

PERIMETER STONE

-48" BY-PASS

(NOT BY CONTECH)

-PRE-TREATMENT SYSTEM

CDS, VORTECHS OR

VORTSENTRY HS

AVAILABLE OPTIONS ARE:

MANHOLE

▼ SPACINO

-INSPECTION PORT

7 ROWS, 84 LF CHAMBERMAXX

BY CONTECH ENGINEERED

SOLUTIONS, LLC

(NOT BY CONTECH)

B. IF LATE FALL OR WINTER: SEED WITH CERTIFIED 'AROOSTOOK' WINTER (CEREAL RYE) AT A RATE OF 2.5 LBS PER 1000 SF. TEMPORARY VEGETATIVE COVER SFF PFRMANENT MULCH: LAYER OF MULCH OR VEGETATIVE COVER STRAW; 2 TONS PER ACRE NOTES HEREON

ALL AREAS AT FINAL GRADE MUST BE SEEDED AND MULCHED WITHIN 7 DAYS AFTER COMPLETION OF MAJOR CONSTRUCTION ACTIVITY. PERMANENT VEGETATIVE COVER

TOPSOIL: MIN. OF 4" DEPTH, A

SOIL CAPABLE OF SUSTAINING VIGOROUS PLANT GROWTH.

NATURAL, FERTILE, AGRICULTURAL

PERMANENT VEGETATIVE COVER NOTES

<u>JAWN SEED MIX:</u> 1. TO BE USED ON AREAS AT FINAL GRADE WITH SLOPES FLATTER THAN 3:1

2. FERTILIZER: COMMERCIAL 10-10-10 OR EQUIVALENT, 800 POUNDS PER ACRE. 3. SEED MIX: APPLY AT A RATE OF 60 POUNDS PURE LIVE SEED PER ACRE

CHEWING FESCUE KENTUCKY BLUE GRASS PERENNIAL RYEGRASS RED TOP

4. THIS MIX MAY BE APPLIED BY HYDRO-SEEDING, BY MECHANICAL SPREADER OR BY HAND. NEW ENGLAND CONSERVATION/WILDLIFE MIX: (SOURCE 1 MIX)

1. TO BE USED ON AREAS AT FINAL GRADE WITH SLOPES 3:1 AND STEEPER.

2. FERTILIZER: NO REQUIRED UNLESS SOILS ARE PARTICULARLY INFERTILE. IF INFERTILE, USE COMMERCIAL 5-10-10 OR EQUIVALENT, 600 POUNDS PER ACRE. UPPER 2" OF SOIL TO

3. SEED MIX: APPLY AT A RATE OF 25 POUNDS PER ACRE SEED MIX SOURCES:

1. NEW ENGLAND WETLAND PLANTS, INC. LITTLE BLUESTEM CREEPING RED FESCUE BIG BLUESTEM PHONE: 413-548-8000 PARTRIDGE PEA DEER TONGUE OX EYE SUNFLOWER BLUE VERVAIN SPOTTED JOE PYE WEED

*NEW ENGLAND WETLAND PLANTS, INC. MAY MODIFY SEED MIXES AT ANY TIME DEPENDING UPON SEED AVAILABILITY. THE DESIGN CRITERIA AND ECOLOGICAL FUNCTION OF THE MIX 4. THIS MIX MAY BE APPLIED BY HYDRO-SEEDING, BY MECHANICAL SPREADER OR BY HAND.

VEGETATIVE COVER SPECIFICATIONS

INERT MATTER

SEE PERMANENT

NOTES HEREON

NOT TO SCALE

SPDES GENERAL PERMIT GP-0-20-001 COMPLIANCE NOTES:

- 1. THE NOTICE OF INTENT (NOI) AND SIGNED MS4 SWPPP ACCEPTANCE FORM (IF APPLICABLE) SHALL BE FILED WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC). A COPY OF THE NOI, SIGNED MS4 SWPPP ACCEPTANCE FORM (IF APPLICABLE), AND THE NOI ACKNOWLEDGEMENT SHALL BE MAINTAINED AT THE SITE IN THE LOG BOOK.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH THE FOLLOWING:

OR OTHER NYSDEC ENDORSED ENTITY TO THE TOWN FOR THEIR RECORDS.

PREVENTION MEASURES OUTLINED IN THE SWPPP AND PROJECT PLANS.

TOWN FOR THEIR RECORDS.

TOWN FOR THEIR RECORDS.

FOR INSPECTION GUIDELINES.

SUBSEQUENT REVISIONS.

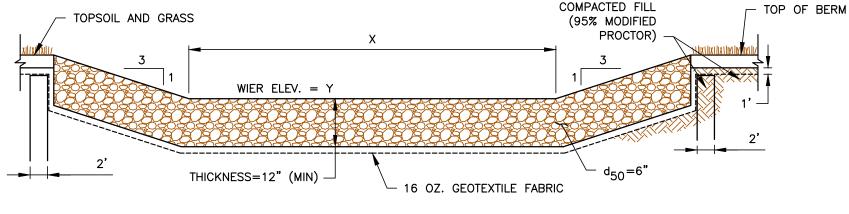
- A. THE CONTRACTOR AND HIS/HER SUBCONTRACTORS SHALL READ AND UNDERSTAND THE CONDITIONS OF THE "NYSDEC SPDES GENERAL PERMIT FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES",
- B. THE CONTRACTOR AND HIS/HER SUBCONTRACTORS SHALL READ AND SIGN THE CERTIFICATION STATEMENT PROVIDED IN THE APPENDICES OF THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP). A COPY OF THE SIGNED CERTIFICATION STATEMENT SHALL BE PLACED IN THE SITE LOG BOOK AND GIVEN TO THE
- C. THE CONTRACTOR AND HIS/HER SUBCONTRACTORS SHALL IDENTIFY THE TRAINED INDIVIDUAL(S) THAT WILL BE RESPONSIBLE FOR THE IMPLEMENTATION AND MAINTENANCE OF THE SWPPP. THE TRAINED INDIVIDUAL(S) SHALL READ AND SIGN THE CERTIFICATION STATEMENT PROVIDED IN THE SWPPP. A COPY OF THE SIGNED CERTIFICATION STATEMENT SHALL BE PLACED IN THE SITE LOG BOOK AND GIVEN TO THE
- D. THE TRAINED INDIVIDUAL(S) SHALL PROVIDE DOCUMENTATION THAT HE/SHE HAS RECEIVED TRAINING IN PROPER EROSION AND SEDIMENT CONTROL PRINCIPLES FROM A SOIL AND WATER CONSERVATION DISTRICT,
- E. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS NECESSARY FOR THE WORK OUTLINED HEREIN. F. THE TRAINED CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF ALL STORMWATER POLLUTION
- G. THE CONTRACTOR SHALL HOLD A PRE-CONSTRUCTION CONFERENCE WITH THE OWNER'S REPRESENTATIVES AT LEAST ONE WEEK PRIOR TO COMMENCEMENT OF CONSTRUCTION.

FOLLOWING THE COMMENCEMENT OF CONSTRUCTION AT LEAST EVERY 7 CALENDAR DAYS. REFER TO SWPPP

- H. THE CONTRACTOR/OWNER SHALL HAVE A QUALIFIED PROFESSIONAL, AS DEFINED WITHIN THE NYSDEC SPDES GENERAL PERMIT GP-0-20-001, CONDUCT AN INITIAL SITE ASSESSMENT PRIOR TO CONSTRUCTION
- I. PRIOR TO COMMENCEMENT OF CONSTRUCTION, A QUALIFIED PROFESSIONAL (HIRED BY CONTRACTOR/OWNER) SHALL CONDUCT AN ASSESSMENT OF THE SITE AND CERTIFY THAT THE APPROPRIATE EROSION AND SEDIMENT CONTROL STRUCTURES AS DEPICTED ON THE PLANS HAVE BEEN ADEQUATELY INSTALLED AND IMPLEMENTED. CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER ONCE THE EROSION AND SEDIMENT CONTROL STRUCTURES HAVE BEEN INSTALLED. REFER TO SWPPP FOR INSPECTION
- J. A RECORD OF ALL EROSION AND SEDIMENT CONTROL INSPECTION REPORTS SHALL BE MAINTAINED AT THE SITE IN A LOG BOOK. THE SITE LOG BOOK SHALL BE MAINTAINED ON-SITE AND BE MADE AVAILABLE TO THE PERMITTING AUTHORITY. THE OWNER/CONTRACTOR SHALL POST AT THE SITE, IN A PUBLICLY ACCESSIBLE LOCATION, A SUMMARY OF THE SITE INSPECTION ACTIVITIES ON A MONTHLY BASIS.
- 3. ONCE CONSTRUCTION ACTIVITIES ARE COMPLETE, THE OWNER/OPERATOR SHALL HAVE A QUALIFIED PROFESSIONAL CONDUCT A FINAL SITE ASSESSMENT TO DETÉRMINE IF THE SITE MEETS THE FINAL STABILIZATION CRITERIA AS DEFINED WITHIN THE NYSDEC SPDES GENERAL PERMIT GP-0-20-001. IF THE SITE IS DETERMINED TO MEET THE FINAL STABILIZATION CRITERIA, A NOTICE OF TERMINATION (N.O.T.) SHALL BE COMPLETED AND SUBMITTED TO THE NYSDEC TO TERMINATE COVERAGE UNDER THE SPDES GENERAL

EROSION AND SEDIMENT CONTROL NOTES:

- 1. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE IN STRICT COMPLIANCE WITH "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL", AUGUST 2005 AND
- PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE PLANS. SITE PREPARATION ACTIVITIES SHALL BE PLANNED TO MINIMIZE THE SCOPE AND DURATION OF SOIL DISRUPTION. EXISTING VEGETATION SHALL BE PRESERVED AS MUCH AS IS PRACTICAL.
- 3. THE CONTRACTOR AND HIS/HER SUBCONTRACTOR(S) SHALL IDENTIFY THE TRAINED INDIVIDUAL THAT WILL BE RESPONSIBLE FOR THE IMPLEMENTATION AND MAINTENANCE OF THE EROSION AND SEDIMENT CONTROL MEASURES ALL EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT THE DURATION OF CONSTRUCTION.
- 4. PERMANENT TRAFFIC CORRIDORS SHALL BE ESTABLISHED AND "ROUTES OF CONVENIENCE" SHALL BE AVOIDED. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT ALL POINTS OF ENTRY ONTO THE
- 5. DAMAGE TO SURFACE WATERS RESULTING FROM EROSION AND SEDIMENTATION SHALL BE MINIMIZED BY STABILIZING DISTURBED AREAS AND BY REMOVING SEDIMENT FROM CONSTRUCTION SITE DISCHARGES.
- 6. EROSION AND SEDIMENT CONTROL INSPECTIONS:
- A. THE TRAINED INDIVIDUAL SHALL INSPECT ALL EROSION AND SEDIMENT CONTROL MEASURES ON A WEEKLY BASIS AND FOLLOWING EACH RAINFALL EVENT TO MEASURE PROPER PERFORMANCE, ANY SILTATION BUILDUP WILL BE CLEANED, AND SHIFTED HAY BALES WILL BE REINFORCED. ALL DAMAGES TO EROSION AND SEDIMENT CONTROLS SHALL BE REPAIRED EITHER AT THE BEGINNING OR AT THE END OF EACH WORKING DAY.
- B. THE QUALIFIED PROFESSIONAL SHALL CONDUCT SITE INSPECTIONS EVERY 7 DAYS DURING CONSTRUCTION. ANY DEFICIENCIES NOTED IN THE REPORTS SHALL BE CORRECTED IMMEDIATELY BY THE
- 8. ALL RECORDS, INCLUDING COPIES OF THE SWPPP, SPDES PERMIT AND INSPECTION REPORTS, SHALL BE MAINTAINED ONSITE AND BE PUBLICLY ACCESSIBLE.
- 9. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST BY SPRINKLING EXPOSED SOIL AREAS PERIODICALLY WITH WATER AS REQUIRED. THE CONTRACTOR IS TO SUPPLY ALL EQUIPMENT AND WATER.
- 10. EARTHWORK ACTIVITIES SHALL BE CONSISTENT WITH THE PLANS. EARTHWORK OPERATION AREAS SHALL BE STABILIZED ON AN ONGOING BASIS WITH NO AREAS, WHICH ARE NOT CURRENTLY UNDER CONSTRUCTION, LEFT WITHOUT AT LEAST TEMPORARY COVER FOR MORE THAN 48 HOURS.
- 11. STOCKPILED TOPSOIL SHALL BE TEMPORARILY SEEDED, MULCHED, AND ENCLOSED WITH SILT FENCING. ALL GRASS SEED WILL CONTAIN AT LEAST 25 PERCENT RAPID GERMINATING PERENNIAL RYE GRASS.
- 12. EROSIVE MATERIAL TEMPORARILY STOCKPILED ON THE SITE DURING THE CONSTRUCTION PROCESS SHALL BE LOCATED IN AN AREA AWAY FROM STORM DRAINAGE AND SHALL BE PROPERLY PROTECTED BY A SURROUNDING SILT FENCE BARRIER.
- 13. FOLLOWING THE COMPLETION OF CONSTRUCTION ACTIVITIES IN ANY PORTION OF THE SITE, PERMANENT VEGETATION SHALL BE ESTABLISHED ON ALL EXPOSED SOILS.
- 14. IF THE CONSTRUCTION PROCESS EXPOSES SIGNIFICANT SOIL AREAS FOR ANY LENGTH OF TIME, INCREASED POTENTIAL FOR EROSION AND DUST CREATION WILL OCCUR. THE CONTRACTOR SHALL PROVIDE, AT THE TOWN ENGINEERS AND/OR PROJECT ENGINEERS DIRECTION, SUPPLEMENTAL SURFACE TREATMENTS (SUCH AS SILT FENCE, TEMPORARY SWALES AND/OR RIP-RAP INTERCEPT POOLS, AND DUST CONTROL MEASURES) AS MAY BE REQUIRED.
- 15. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WHEN ALL DISTURBED AREAS HAVE UNDERGONE FINAL STABILIZATION AND WHEN UPGRADIENT SURFACES ARE PROPERLY STABILIZED AND ALL STORMWATER MANAGEMENT SYSTEMS ARE IN PLACE AND OPERABLE. ALL AREAS DISTURBED BY THE REMOVAL OF THE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE FILLED IN. TOPSOILED, SEEDED, AND MULCHED.
- 16. TOWN OF WAPPINGER STORMWATER MANAGEMENT OFFICER SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR
- A. START OF CONSTRUCTION.
- B. INSTALLATION OF SEDIMENT AND EROSION CONTROL MEASURES. C. COMPLETION OF SITE CLEARING.
- D. COMPLETION OF ROUGH GRADING. E. COMPLETION OF FINAL GRADING.
- F. CLOSE OF CONSTRUCTION SEASON. G. COMPLETION OF FINAL LANDSCAPING.
- H. SUCCESSFUL ESTABLISHMENT OF LANDSCAPING IN PUBLIC AREAS.



LOCATION	TOP OF BERM ELEV (FT)	X (FT)	Y (FT)
BASIN A1	267.0	6	266.0
BASIN A2	266.0	6	265.0
POND B	268.0	10	266.0
FOREBAY B1	268.0	6	267.0
FORFBAY B2	270.0	6	269.5

EMERGENCY SPILLWAY OVERFLOW WEIR DETAIL NOT TO SCALE



WILLIAM H. POVALL III, P.E. N.Y.S.P.E. LICENSE #075020 3 NANCY COURT, SUITE 4 WAPPINGERS FALLS, NY 12590 TEL.: (845) 897-8205 FAX: (845) 897-0042

SITE PLAN FOR U-HAUL, STAGE DOOR ROAD

POLLUTION PREVENTION CONTROLS:

BEFORE SEEDING.

WASHING IS PROHIBITED.

PROPERLY MAINTAINED.

GOOD HOUSEKEEPING PRACTICES ARE DESIGNED TO MAINTAIN A CLEAN AND ORDERLY WORK ENVIRONMENT.

PARTIES INVOLVED WITH THE DIRECT CARE AND DEVELOPMENT OF THE SITE. THE FOLLOWING MEASURES

. MATERIAL RESULTING FROM THE CLEARING AND GRUBBING OPERATION SHALL BE STOCKPILED AWAY FROM STORM DRAINAGE, WATER BODIES AND/OR WATERCOURSES AND SURROUNDED WITH ADEQUATE EROSION AND

2. EQUIPMENT MAINTENANCE AREAS SHALL BE PROTECTED FROM STORMWATER FLOWS AND SHALL BE SUPPLIED

WASH-DOWN ZONES SHALL BE LOCATED WITHIN AREAS DRAINING TO SEDIMENT CONTROL DEVICES.

3. THE USE OF DETERGENTS FOR LARGE-SCALE (I.E., VEHICLES, BUILDINGS, PAVEMENT SURFACES, ETC.)

WITH APPROPRIATE WASTE RECEPTACLES FOR SPENT CHEMICALS, SOLVENTS, OILS, GREASES, GASOLINE, AND

4. MATERIAL STORAGE LOCATIONS AND FACILITIES (I.E., COVERED STORAGE AREAS, STORAGE SHEDS, ETC.) SHALL

DEDICATED STAGING AREA. CHEMICALS, PAINTS, SOLVENTS, FERTILIZERS, AND OTHER TOXIC MATERIAL MUST

REMOVED FROM THE SITE, TREATED AND DISPOSED AT AN APPROVED SOLID WASTE OR CHEMICAL DISPOSAL

5. HAZARDOUS SPILLS SHALL BE IMMEDIATELY CONTAINED TO PREVENT SUCH POLLUTANTS FROM ENTERING THE

SURROUNDING HABITAT AND/OR WATER SUPPLY. SPILL KITS SHALL BE PROVIDED ON-SITE AND SHALL BE

DISPLAYED IN A PROMINENT LOCATION FOR EASE OF ACCESS AND USE. SPILLS GREATER THAN FIVE (5)

RECORD OF THE INCIDENT(S) AND/OR NOTIFICATIONS SHALL BE DOCUMENTED AND ATTACHED TO THE SWPPP.

7. DUMPSTERS AND/OR DEBRIS CONTAINERS SHALL BE LOCATED ON-SITE AND SHALL BE OF ADEQUATE SIZE TO

DRAIN INLETS, OPEN DRAINAGE FACILITIES, AND WATERCOURSES. EACH FACILITY SHOULD BE LOCATED AWAY

BE INSTALLED ADJACENT TO EACH WASHOUT FACILITY TO INFORM CONCRETE EQUIPMENT OPERATORS TO

REQUIRED FOR THE WORK, THE HARDENED CONCRETE SHALL BE REMOVED AND DISPOSED OF. MATERIALS

USED TO CONSTRUCT THE TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE REMOVED AND DISPOSED

CONSTRUCTION, WHICH DISCHARGES FROM THE SITE, MUST ORIGINATE FROM A PUBLIC WATER SUPPLY OR

ORIGINATE FROM AN APPROVED PUBLIC SUPPLY MUST NOT DISCHARGE FROM THE SITE. IT CAN BE

. STAKE OUT THE LOCATIONS OF THE LIMITS OF DISTURBANCE, PROPOSED STORMWATER MANAGEMENT

REMOVE TREES, STUMPS, AND VEGETATION WITHIN THE DISTURBANCE LIMITS IN ACCORDANCE WITH THE

SITE. THE STUMP PILE SHALL BE PROTECTED IN ACCORDANCE WITH THE STOCKPILE DETAIL ON THE

5. CONSTRUCT STORMWATER INFILTRATION AREAS. INSTALL INLET AND OUTLET PROTECTION MEASURES (I.E.,

CONSTRUCT ALL SITE LITHITIES AND LITHITY SERVICE CONNECTIONS AS SHOWN ON THE PROJECT PLANS INSTALL INLET PROTECTION MEASURES AT ALL INLETS AND AT THE ENDS OF ALL EXPOSED STORMWATER

7. FINISH GRADING AND STABILIZE ALL DISTURBED AREAS. ALL EROSION AND SEDIMENT CONTROL MEASURES

CONTRACTOR SHALL CLEAN ALL CATCH BAINS, MANHOLES AND DRAINAGE LINES OF ANY ACCUMULATED SILT

FROM THE INFILTRATION AREA WHICH WAS USED AS TEMPORARY SEDIMENT BASINS DURING CONSTRUCTION.

9. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES. IMMEDIATELY STABILIZE THE AREAS

MUST BE LEFT IN PLACE TO PREVENT SEDIMENT FROM ENTERING THE INFILTRATION BASINS. THE

8. FINALIZE CONSTRUCTION OF THE INFILTRATION BASIN. REMOVE ANY ACCUMULATED SILT AND SEDIMENT

DISTURBED DURING THEIR REMOVAL. ESTABLISH PERMANENT VEGETATIVE COVER AND INSTALL ALL

RIP-RAP OVERFLOW WEIR(S). CULVERT INLET/OUTLET PROTECTION, ETC) AND STABILIZE THE AREAS

4. ROUGH GRADE THE SITE. PLACE SURPLUS MATERIAL IN THE TEMPORARY SOIL STOCKPILE LOCATIONS

PROJECT PLANS. ALL STUMPS SHALL BE STOCKPILED FOR EITHER GRINDING IN-PLACE OR REMOVAL FROM

PRIVATE WELL APPROVED BY THE HEALTH DEPARTMENT. WATER USED FOR CONSTRUCTION THAT DOES NOT

ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES (E.G., STABILIZED CONSTRUCTION ENTRANCE,

SILT FENCING. STORM DRAIN INLET PROTECTION, ETC.) SHALL BE INSTALLED AS SHOWN ON THE PROJECT

PLANS. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED, STABILIZED, AND

DF. HOLES, DEPRESSIONS OR OTHER GROUND DISTURBANCE CAUSED BY THE REMOVAL OF THE TEMPORARY

CONCRETE WASHOUT FACILITIES SHALL BE BACKFILLED AND/OR REPAIRED, SEEDED, AND MULCHED FOR FINAL

UTILIZE THE PROPER FACILITIES. WHEN TEMPORARY CONCRETE WASHOUT FACILITIES ARE NO LONGER

9. NON-STORMWATER COMPONENTS OF SITE DISCHARGE MUST BE CLEAN WATER. WATER USED FOR

FUNCTIONAL BEFORE SITE DISTURBANCE BEGINS WITHIN THEIR TRIBUTARY AREAS.

DISTURBED DURING THE CONSTRUCTION OF THE TEMPORARY SEDIMENT BASIN.

PIPES AND RIP-RAP AT THE LOCATIONS SHOWN ON THE PROJECT PLANS.

AND SEDIMENT PRIOR TO FINALIZING THE INFILTRATION AREA.

LANDSCAPING AND INFILTRATION AREA PLANTINGS.

RETAINED IN THE PONDS UNTIL IT INFILTRATES AND EVAPORATES.

CONSTRUCTION SEQUENCING NOTES:

SHOWN ON THE PROJECT PLANS.

FACILITIES, AND IMPROVEMENTS (I.E. ROADWAYS, ETC.).

PROJECT PLANS AS APPROPRIATE. STUMP BURIAL IS PROHIBITED.

FROM CONSTRUCTION TRAFFIC OR ACCESS AREAS TO PREVENT DISTURBANCE OR TRACKING. A SIGN SHOULD

MANAGE RESPECTIVE MATERIALS. REGULAR COLLECTION AND DISPOSAL OF WASTES SHALL OCCUR AS

8. TEMPORARY CONCRETE WASHOUT FACILITIES SHOULD BE LOCATED A MINIMUM OF 50 FEET FROM STORM

GALLONS SHALL BE REPORTED TO THE NYSDEC RESPONSE UNIT AT 1-800-457-7362. IN ADDITION, A

6. PORTABLE SANITARY WASTE FACILITIES SHALL BE PROVIDED ON-SITE FOR WORKERS AND SHALL BE

BE LOCATED ON-SITE AND SHALL BE STORED ACCORDING TO THE MANUFACTURER'S STANDARDS IN A

BE STORED IN WATERPROOF CONTAINERS. RUNOFF CONTAINING SUCH MATERIALS MUST BE COLLECTED,

ANY POLLUTANTS THAT MIGHT CONTAMINATE THE SURROUNDING HABITAT AND/OR WATER SUPPLY. EQUIPMENT

GOOD HOUSEKEEPING MEASURES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROCESS BY THOSE

SHOULD BE IMPLEMENTED TO CONTROL THE POSSIBLE EXPOSURE OF HARMFUL SUBSTANCES AND MATERIALS TO

SEDIMENT CONTROL MEASURES. SOIL STOCKPILE LOCATIONS SHALL BE EXPOSED NO LONGER THAN 14 DAYS

DETAILS

TOWN OF WAPPINGER

DUTCHESS COUNTY, NEW YORK

SHEET 7 OF 8

JOB #: 2221

DATE: 07-17-23

SCALE: N.T.S.

