

ONSTRUCTION PHASE:

DURING THE CONSTRUCTION PHASE OF THE PROJECT, A SEDIMENT AND EROSION CONTROL PLAN SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION'S BEST MANAGEMENT PRACTICES (BMP). THE PRIMARY GOALS OF THE SEDIMENT AND EROSION CONTROL PLAN ARE TO PREVENT THE TRACKING OF DIRT AND MUD ONTO ADJACENT ROADS, TO PREVENT MUD AND SILT FROM ENTERING INTO EXISTING AND PROPOSED DRAINAGE FACILITIES, AND TO PROTECT THE RECEIVING WATERS FROM CONTAMINATION DURING THE CONSTRUCTION.

DURING CONSTRUCTION, THE PARTY RESPONSIBLE FOR IMPLEMENTING THE TEMPORARY (DURING CONSTRUCTION) STORMWATER MANAGEMENT FACILITIES MAINTENANCE PROGRAM WILL BE THE OWNER. THE NAME AND CONTACT INFORMATION WILL BE FILED WITH THE TOWN OF CARMEL AND THE NYSDEC AT THE TIME OF THE PRECONSTRUCTION

A NEW YORK STATE PROFESSIONAL ENGINEER OR CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (P.E. OR CPESC) SHALL CONDUCT AN ASSESSMENT OF THE SITE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND CERTIFY IN AN INSPECTION REPORT THAT THE APPROPRIATE EROSION AND SEDIMENT CONTROLS SHOWN ON THE PLAN HAVE BEEN ADEQUATELY INSTALLED AND/OR IMPLEMENTED TO ENSURE OVERALL PREPAREDNESS OF THE SITE FOR CONSTRUCTION. FOLLOWING THE COMMENCEMENT OF CONSTRUCTION, SITE INSPECTIONS SHALL B CONDUCTED BY THE P.E. OR CPESC AT LEAST EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER.

- DURING EACH INSPECTION, THE REPRESENTATIVE SHALL RECORD THE FOLLOWING: ON A SITE MAP, INDICATE THE EXTENT OF ALL DISTURBED SITE AREAS AND DRAINAGE PATHWAYS. INDICATE SITE AREAS THAT ARE EXPECTED TO UNDERGO INITIAL DISTURBANCE OR SIGNIFICANT SITE WORK WITHIN THE NEXT 14-DAY PERIOD:
- 2. INDICATE ON A SITE MAP ALL AREAS OF THE SITE THAT HAVE UNDERGONE TEMPORARY OR PERMANENT STABILIZATION: INDICATE ALL DISTURBED SITE AREAS THAT HAVE NOT UNDERGONE ACTIVE SITE WORK DURING THE PREVIOUS 14-DAY PERIOD;
- INSPECT ALL SEDIMENT CONTROL PRACTICES AND RECORD APPROXIMATE DEGREE OF SEDIMENT ACCUMULATION AS A PERCENTAGE OF THE SEDIMENT STORAGE VOLUME; INSPECT ALL EROSION AND SEDIMENT CONTROL PRACTICES AND RECORD ALL MAINTENANCE REQUIREMENTS
- IDENTIFY ANY EVIDENCE OF RILL OR GULLY EROSION OCCURRING ON SLOPES AND ANY LOSS OF STABILIZING VEGETATION OR SEEDING/MULCHING. DOCUMENT ANY EXCESSIVE DEPOSITION OF SEDIMENT OR PONDING WATER ALONG THE BARRIER. RECORD THE DEPTH OF SEDIMENT WITHIN CONTAINMENT STRUCTURES AND ANY EROSION NEAR OUTLET AND OVERFLOW STRUCTURES. 6. ALL IDENTIFIED DEFICIENCIES.
- THE P.E. OR CPESC SHALL MAINTAIN A RECORD OF ALL INSPECTION REPORTS IN A SITE LOGBOOK. THE SITE LOGBOOK SHALL BE MAINTAINED ON-SITE AND BE MADE AVAILABLE TO THE TOWN OF YORKTOWN, THE NYSDEC AND THE NYCDEP. A SUMMARY OF THE SITE INSPECTION ACTIVITIES SHALL BE POSTED ON A MONTHLY BASIS IN A PUBLICLY ACCESSIBLE LOCATION AT THE SITE. THE PROJECTS ANTICIPATED START DATE IS APRIL 2017 AND THE ANTICIPATED COMPLETION DATE IS ESTIMATED TO OCCUR IN EARLY APRIL 2020.

<u>CONSTRUCTION SEQUENCING:</u> THE FOLLOWING EROSION CONTROL SCHEDULE SHALL BE UTILIZED:

- WEEK 1 (PREP THE SITE): 1. SURVEYORS MARK OUT WHERE CONSTRUCTION FENCE SHALL BE PLACED AS WELL AS THE UTILITIES.
- INSTALL ORANGE CONSTRUCTION FENCING AROUND ALL AREAS WITHIN LOD BEING USED FOR EX-FILTRATION TO AVOID UNNECESSARY COMPACTION. ADDITIONALLY, INSTALL ALONG THE LIMIT OF DISTURBANCE, AND ALL OTHER AREAS SHOWN ON THE PLAN. (CONTRACTOR IS AWARE OF THE LOCATIONS.)
- MARK TREES TO BE REMOVED FROM ENTIRE SITE AS SHOWN ON PAGE C-5 OF THE PLAN SET. INSTALL TREE PROTECTION AS SHOWN IN THE DETAIL ON C-5. (CONTRACTOR IS AWARE OF THE LOCATIONS.) SELECTIVE VEGETATION REMOVAL FOR SILT FENCE INSTALLATION, INSTALL SILT FENCE DOWN SLOPE OF ALL AREAS TO BE DISTURBED FOR THE INSTALLATION OF THE UTILITIES AND ROAD. ANY DISTURBANCE OCCUR SHALL BE STABILIZED PER DETAIL SHOWN ON THE PLAN. (CONTRACTOR IS AWARE OF THE
- ALL UTILITY INSTALLATIONS SHALL BE COMPLETED SIMULTANEOUSLY, AS TO LIMIT ANY UNNECESSARY DISTURBANCE. EXCAVATION DISTURBANCE WILL BE BACKFILLED THE SAME DAY AND INCLUDE TEMPORARY STABILIZATION. AFTER THE SITE IMPROVEMENTS HAVE BEEN INSTALLED IN AN AREA FINAL STABILIZATION METHODS SHALL BE IMPLEMENTED AND THERE SHALL BE NO REMOVAL OF TEMPORARY PRACTICES UNLESS THERE'S MORE THAN 80% VEGETATIVE COVER.

WEEK 2 (UTILITY EXTENSION TO SMH3 AND DMH3): ~ DISTURBANCE 0.1. REMOVE TREES INCLUDING CLEARING AND GRUBBING LOCATED WITHIN THE 18' UTILITY EASEMENT RUNNING

- FROM PINE GROVE COURT TO THE LOCATION OF SMH 3. (REMOVAL OF EXISTING TREES SHALL BE LIMITED TO THIS AREA AND NO TREES SHALL BE DISTURBED OUTSIDE OF THESE AREAS) SPECIFICS FOR CLEARING AND GRUBBING INCLUDE: (a) TOP AND LIMB ALL TREES BEFORE FALLING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- (b) CHIP OUT STUMPS TO A DEPTH OF NOT LESS THAN 6 INCHES BELOW FINISHED GRADE. BACKFILL STUMP HOLES WITH TOPSOIL, AND SEED. (c) REMOVE AND DISPOSE OF ALL LOGS, TREE TRIMMINGS, AND DEBRIS FROM PROPERTY. LEAVE WORK AREA IN A NEAT UNCLUTTERED CONDITION.
- INSTALL THE PROPOSED UTILITIES INCLUDING WATER, SEWER, AND DRAINAGE BEGINNING IN PINE GROVE COURT AND ENDING IN THE LOCATION WHERE SMH 3 AND DMH 3 ARE PROPOSED. NOTE: TWO CONSTRUCTION CREWS WILL BE PRESENT. ONE CREW WILL BE EXCAVATING AND INSTALLING THE UTILITIES WHILE THE OTHER CREW FOLLOWS BACKFILLING AND PLACING TEMPORARILY STABILIZATION. TEMPORARY STABILIZATION SHALL OCCUR DAILY AND SHALL INCLUDE SEED, HAY, MULCH, AND SILT FENCE. ADDITIONAL SILT FENCE SHALL BE INSTALLED AS NEEDED AND ON THE STEEPER PORTION OF THE SITE EVERY 20'. HAY AND SEED MATS SHALL ALSO BE USED ON PORTIONS CONTAINING STEEP SLOPES. CONTRACTOR IS FAMILIAR OF THE INSTALLATION PROCEDURE HOWEVER SHOULD ANY QUESTIONS COME UP THEY CAN REFER O THE SCHEDULE FOR EROSION CONTROL METHODS AND THE DETAILS.
- PERMANENT STABILIZATION SHALL BE PLACED UPON COMPLETION OF THE UTILITIES TO DMH3 AND SMH 3 THIS WILL INCLUDE SEED, HAY, MULCH, BUT DEPENDING ON THE TIME OF YEAR EITHER PERMANENT SEEDING OR DORMANT SEEDING DEPENDING ON THE TIME IT IS PLACED. SEE PERMANENT EROSION CONTROL MEASURES ON C-4 OF THE PLAN SET FOR SPECIFICS. NOTE: SILT FENCE SHALL REMAIN AND BE CHECKED AND REPLACED AS NEEDED UNTIL AT LEAST 80% VEGETATIVE COVER IS ESTABLISHED. WEEK 3 (CONTINUE UTILITY EXTENSION AND INFRASTRUCTURE): ~ DISTURBANCE 0.62 ACRES

NOTE: THE SITE WILL NOW BE ACCESSED THROUGH THE EXISTING RESIDENCE LOCATED AT 2425 SHERRY DRIVE AS STATED IN THE SITE PREP TREES HAVE ALREADY BEEN MARKED TO BE REMOVED AND PROTECTION ALREADY IN PLACE. ORANGE CONSTRUCTION FENCE AND SILT FENCE ALSO ALREADY INSTALLED AS NOTED IN THE SITE PREP. WE DON'T ANTICIPATE THE NEED FOR A STAGING AREA HOWEVER THE PLANS SHOW ONE TO THE LEFT OF THE CONSTRUCTION ENTRANCE JUST IN CASE IT IS NEEDED.

10. CONFIRM ORANGE CONSTRUCTION FENCE, TREE PROTECTION, AND SILT FENCE REMAIN INTACT AS PREVIOUSLY INSTALLED ALONG LOD AND EX-FILTRATION. REPLACE AND ADD SILT FENCE AS NEEDED.

INSTALL STABILIZED CONSTRUCTION ENTRANCE AT THE END OF THE EXISTING DRIVEWAY AS SHOWN ON C-4

- REMOVE TREES INCLUDING CLEARING AND GRUBBING LOCATED WITHIN THE 20' UTILITY EASEMENT IN THE FRONT OF LOTS 1-4 AND CONTINUING DOWN TO DMH3 THROUGH THE 23' UTILITY EASEMENT BETWEEN LOTS TREE REMOVAL AND CLEARING AND GRUBBING WILL CONTINUE UNTIL ALL OF DRAINAGE EASEMENT A IS COMPLETE. TREE CLEARING AND GRUBBING PROCEDURE AND NOTES HAVE BEEN DESCRIBED IN #7 AND ON PAGE C-5 OF THE PLAN SET. AT THE END OF EACH WORKING DAY INSTALL SILT FENCE AS
- NEEDED AND TEMPORARILY STABILIZE WITH SEED, HAY AND MULCH. NOTE: THIS CLEARED AREA SHALL SERVE AS A TEMPORARY HAULING PATH FOR TRUCKS AND MACHINES. DURING AND AFTER CLEARING AND GRUBBING MAKE SURE CONSTRUCTION FENCE LOCATED IN THE FRONT OF LOT 4 AND IN THE CUL-DE-SAC REMAINS UNDISTURBED. ALSO MAKE SURE THE CONSTRUCTION FENCE
- AND SILT FENCE ALONG THE WESTERN EDGE OF THE DRAINAGE EASEMENT IS INTACT AND REPLACE IF 13. CONTINUE INSTALLING UTILITIES UPHILL FROM DMH 3 IN THE FOLLOWING ORDER. INSTALL DMH ATTENUATION GALLERY, DMH5 AND DRAIN INLET. THE SEWER AND WATER MAIN LENGTHS SHALL B INSTALLED SIMULTANEOUSLY TEMPORARILY STOPPING JUST PAST WHERE THE DRAIN INLET IS. TEMPORARY STABILIZATION SHALL OCCUR DAILY AND SHALL INCLUDE SEED, HAY, MULCH AND SILT FENCE.
- 14. UPON COMPLETION OF THE IMPROVEMENTS BACKFILL AND MAKE SURE TO INSTALL CONSTRUCTION FENCE AROUND THE ATTENUATION GALLERY AGAIN. CONSTRUCT THE SWALE BEGINNING ON LOT 1 WITH THE INSTALLATION OF RIP RAP AND WORKING BACK TOWARDS LOTS 4 AND 5. NOTE: TWO CONSTRUCTION CREWS WILL BE PRESENT. ONE CREW WILL BE CONSTRUCTING THE SWALE WHILE THE OTHER CREW FOLLOWS PLACING TEMPORARILY STABILIZATION EMPORARY STABILIZATION SHALL OCCUR DAILY AND SHALL INCLUDE SEED, HAY, MULCH, SILT FENCE, INLET PROTECTION AND CHECK DAMS. THE STEEP PORTION ALONG THE WEST PORTION OF THE SWALE SHALL HAVE
- SEED AND HAY MATS INSTALLED TO HELP EXPEDITE STABILIZATION. 16. PERMANENT STABILIZATION SHALL BE PLACED UPON COMPLETION OF THE SWALE AND WILL INCLUDE SEED HAY, MULCH, BUT DEPENDING ON THE TIME OF YEAR EITHER PERMANENT SEEDING OR DORMANT SEEDING DEPENDING ON THE TIME IT IS PLACED. SEE PERMANENT EROSION CONTROL MEASURES ON C-4 OF THE AND BE CHECKED AND REPLACED AS NEEDED UNTIL AT LEAST 80% VEGETATIVE COVER IS ESTABLISHED.
- PLAN SET FOR SPECIFICS. NOTE: SILT FENCE AND OTHER TEMPORARY STABILIZATION METHODS MUST REMAIN WEEK 4 (UTILITY EXTENSION & ROUGH GRADE CUL-DE-SAC): ~DISTURBANCE 0.8 ACRES 17. CONFIRM TREE PROTECTION, SILT FENCE AND CONSTRUCTION FENCE REMAIN INTACT ALONG THE EASEMENT
- ANY REPAIRS NEEDED SHALL BE DONE. TEMPORARY STABILIZATION SHALL OCCUR DAILY AND SHALL INCLUDE SEED, HAY, MULCH, SILT FENCE AND INLET PROTECTION. ADDITIONAL SILT FENCE SHALL BE INSTALLED AS NEEDED. CONTRACTOR IS FAMILIAR OF THE INSTALLATION PROCEDURE HOWEVER SHOULD ANY QUESTIONS COME UP THEY CAN REFER TO THE SCHEDULE FOR EROSION CONTROL METHODS AND THE DETAILS. 18. REMOVE TREES INCLUDING CLEARING AND GRUBBING LOCATED WITHIN THE RIGHT OF WAY AND WITHIN THE FRONT YARDS OF LOTS 4-8 (REMOVAL OF EXISTING TREES SHALL BE LIMITED TO THIS AREA AND NO TREES
- SHALL BE DISTURBED OUTSIDE OF THESE AREAS) NOTE #7 AND PAGE C-5 FOR PROCEDURE. CONTINUE INSTALLING THE UTILITIES AS CREWS WORK UP HILL BETWEEN LOTS 4 AND 5 TO THI CUL—DE—SAC THEN UP THROUGH CB—9—1. THIS INCLUDES IN THE FOLLOWING ORDER. ROUGH GRADING FOI THE CUL—DE—SAC BY EXCAVATING THE FRONT PORTION OF LOTS 7, 8 AND EASTERN PORTION OF THI CUL-DE-SAC. THE EXCAVATED FILL SHALL BE PLACED IN THE FRONT YARD OF LOTS 4 AND 5 SO THA SMH 4 AND DMH 6 DON'T PROTRUDE OUT OF THE GROUND. THE FILL SHALL BE PLACED SO THAT ITS 3:1 (H:V) TO MEET EXISTING GRADE. BOTH AREAS OF CUT AND FILL SHALL BE TEMPORARILY STABILIZED BY HAY SEED, MULCH, SILT FENCE, INLET PROTECTION WITH. AT THE END OF EACH WORKING DAY SEED HAY
- INSTALLATION OF EXFILTRATION GALLERY, DRAINAGE STRUCTURES, AND SEWER AND WATER MAIN EXTENSIONS N THE FRONT OF LOTS 3 AND 4. IMMEDIATELY FOLLOWING THE INSTALLATION OF THE EXFILTRATION GALLERY INSTALL CONSTRUCTION FENCE ABOVE THE SYSTEM AND PLUG THE EXFILTRATION GALLERY. (CONTRACTOR IS AWARE OF THE LOCATIONS AND NOT TO EXCEED MORE WORK THAN CAN BE DONE IN A

AND MUCH ALL OF THE DISTURBED AREAS AS WELL AS INSTALLING SILT FENCE.

- TEMPORARY STABILIZATION SHALL OCCUR DAILY AND SHALL INCLUDE SEED, HAY, MULCH, SILT FENCE AND INLET PROTECTION. THE PORTIONS OF THE LOTS THAT WERE DISTURBED SHALL HAVE SILT FENCE PLACED THE TOE OF THE SLOPE AND SHALL HAVE SEED AND HAY MATS INSTALLED TO HELP EXPEDITE STABILIZATION. ADDITIONAL SILT FENCE SHALL BE INSTALLED AS NEEDED. CONTRACTOR IS FAMILIAR OF THI INSTALLATION PROCEDURE HOWEVER SHOULD ANY QUESTIONS COME UP THEY CAN REFER TO THE SCHEDULE FOR EROSION CONTROL METHODS AND THE DETAILS. THERE SHALL BE NO REMOVAL OF TEMPORARY STABILIZATION UNTIL THERE IS AT LEAST 80% VEGETATIVE COVER. WEEK 5 (COMPLETION OF IMPROVEMENTS): ~ DISTURBANCE 0.71 ACRES
- 22. CONTINUING INSTALLING THE REMAINING UTILITIES INCLUDING WATER, SEWER, AND DRAINAGE FROM WHERE I WAS LEFT OFF IN FRONT OF LOT 3 TO COMPLETION. THE EXISTING DRIVEWAY WILL REMAIN HOWEVER PORTIONS WILL NEED TO BE DISTURBED FOR STORM DRAIN INSTALLATION BUT WILL BE REPLACED AS SHOWN N THE ASPHALT REPLACEMENT DETAIL ON PAGE C-8 NOTE: TWO CONSTRUCTION CREWS WILL BE PRESENT DNE CREW WILL BE EXCAVATING AND INSTALLING THE UTILITIES WHILE THE OTHER CREW FOLLOWS ACKFILLING AND PLACING TEMPORARILY STABILIZATION. TEMPORARY STABILIZATION SHALL OCCUR DAILY AND SHALL INCLUDE SEED, HAY, MULCH, SILT FENCE AND INLET PROTECTION. ADDITIONAL SILT FENCE SHALL E INSTALLED AS NEEDED. CONTRACTOR IS FAMILIAR OF THE INSTALLATION PROCEDURE HOWEVER SHOULD ANY QUESTIONS COME UP THEY CAN REFER TO THE SCHEDULE FOR EROSION CONTROL METHODS AND THE THERE SHALL BE NO REMOVAL OF TEMPORARY STABILIZATION UNTIL THERE IS AT LEAST 80%
- 23. UPON THE COMPLETION OF THE UTILITIES THEY SHALL BE TESTED IN ACCORDANCE WITH THE WCDOH RULES IND REGULATIONS PRIOR TO BEING PUT ONLINE. THIS INCLUDES THE FOLLOWING A. ALL SEWER MANHOLES TO BE VACUUM TESTED AND SEWER MAINS TO BE PRESSURE TESTED PER WCDOH REQUIREMENTS PRIOR TO BEING PUT INTO SERVICE. B.WATER MAIN EXTENSION TO BE PRESSURE TESTED AND DISINFECTED PER WCDOH REQUIREMENTS PRIOR TO BEING PUT INTO SERVICE.
- 24. AFTER APPROVAL OF THE MAINS SEWER/WATER SERVICES SHALL BE INSTALLED TO THE PROPERTY LINE AND CAPPED UNTIL THE CONSTRUCTION OF THE LOT. AS THE SERVICE LINES ARE BURIED A SPRAY PAINTED 2X4 WILL MARK THE LOCATION.
- 25. UPON APPROVAL OF THE NEW SEWER MAIN THE EXISTING SEPTIC CURRENTLY SERVICING LOT 9 WILL BE CONNECTED TO THE NEWLY APPROVED MAIN. THE EXISTING SEPTIC SHALL BE ABANDONED IN ACCORDANCE
- WITH WCDOH RULES AND REGULATIONS. 26. ROUGH GRADE THE REMAINDER OF THE ROAD AND INSTALL CURBING, SUB-BASE AND BASE COURSES TO TABILIZE ROADWAY. SHOULDERS SHALL BE GRADED TO DIRECT RUNOFF THROUGH SILT FENCE AND HAY BALES AND SHALL BE TEMPORARILY STABILIZED EACH DAY WITH SEED AND HAY, MULCH AND SILT FENCE.

PLACING SOD ALONG THE SHOULDERS MAY BE CONSIDERED TO EXPEDITE STABILIZATION AND PREVENT

- 27. ALL DISTURBED AREAS SHALL HAVE AT LEAST 80% VEGETATIVE COVER PRIOR TO PUTTING THE SYSTEM ON INDIVIDUAL RESIDENCES: DISTURBANCE 0.28 ACRES
- REPLACE ANY DAMAGED ORANGE CONSTRUCTION FENCING. THIS INCLUDES AROUND ALL AREAS TO BE USED FOR EX-FILTRATION. 2. CONFIRM SILT FENCE IS INSTALLED DOWN SLOPE OF ANY DISTURBANCE AND TREE PROTECTION IS IN PLACE. INSTALL A CONSTRUCTION ENTRANCE TO EACH INDIVIDUAL LOT IN THE LOCATION OF THE PROPOSED
- REMOVE TREES INCLUDING CLEARING AND GRUBBING ON THE INDIVIDUAL SITE (REMOVAL OF EXISTING TREES SHALL BE LIMITED TO THIS AREA AND NO TREES SHALL BE DISTURBED OUTSIDE OF THESE AREAS) SPECIFICS FOR CLEARING AND GRUBBING INCLUDE:

DRIVEWAY AREA. THIS WILL SERVE AS THE CONSTRUCTION STAGING AREA IF NECESSARY

- (a) TOP AND LIMB ALL TREES BEFORE FALLING, UNLESS OTHERWISE APPROVED BY THE ENGINEER. (b) CHIP OUT STUMPS TO A DEPTH OF NOT LESS THAN 6 INCHES BELOW FINISHED GRADE. BACKFILL STUMP HOLES WITH TOPSOIL, AND SEED. (c) REMOVE AND DISPOSE OF ALL LOGS, TREE TRIMMINGS, AND DEBRIS FROM PROPERTY. LEAVE WORK AREA IN A NEAT UNCLUTTERED CONDITION. EXCAVATE FOR THE FOUNDATION AND GRADE THE LOT AS SHOWN ON THE SITE PLAN. INDIVIDUAL SITE
- GRADING FOR EACH LOT SHALL EXTEND PAST THE PROPERTY LINE TO MEET THE EXISTING GRADE ONE THE NEIGHBORING LOT. TEMPORARY STABILIZATION SHALL OCCUR DAILY AND SHALL INCLUDE SEED, HAY MULCH, SILT FENCE AND SOIL STOCK PILING. ADDITIONAL SILT FENCE SHALL BE INSTALLED AS NEEDED. CONTRACTOR IS FAMILIAR OF THE INSTALLATION PROCEDURE HOWEVER SHOULD ANY QUESTIONS COME UP THEY CAN REFER TO THE SCHEDULE FOR EROSION CONTROL METHODS AND THE DETAILS. ONCE THE FOUNDATION HAS BEEN INSTALLED THE SOIL STOCKPILE WILL BE REPLACED AROUND THE FOUNDATION. DISTURBED AREAS THAT WERE GRADED ARE FOLLOWED BY TEMPORARY STABILIZATION
- INCLUDING, SILT FENCE HAY, SEED, MULCH. EXCAVATE TRENCHES TO INSTALL DRAINAGE, SEWER SERVICE AND WATER SERVICES TO THE INDIVIDUAL RESIDENCE AND INSTALL THE INDIVIDUAL STORMWATER EXFILTRATION SYSTEMS AS SHOWN ON THE PLAN. (CULTEC OR RAIN GARDEN) FOLLOWING THE INSTALLATION OF THE SYSTEM SHOWN ON THE LAST 2 PAGES OF THE PLAN SET, BACKFILL AND PLACE CONSTRUCTION FENCE AROUND THE AREA. DRAINAGE SHALL NOT BE PUT ONLINE BY ANY MEANS (TRENCH DRAIN OR ROOF LEADERS) UNTIL 80% VEGETATIVE COVER IS
- ESTABLISHED. INSTALL 4"-6" TOPSOIL, FINE GRADE, SEED THE ENTIRE PROJECT SITE AND INSTALL LANDSCAPE PLANTINGS. SPREAD SALT HAY OVER SEEDED AREAS. ALL SEEDING FOR FINAL VEGETATIVE STABILIZATION SHALL BE APPLIED PER THE FOLLOWING SECTION ENTITLED 'EROSION AND SEDIMENT CONTROL COMPONENTS -
- SURFACE STABILIZATION' INSTALL DRIVEWAY SUB-BASE AND BINDER COURSE AND TRENCH DRAIN. (SYSTEM NOT TO BE PUT ONLINE UNLESS THE SITE HAS REACHED 80% VEGETATIVE COVER. IF THE SITE HAS NOT ACHIEVED 80% DO NOT PUT THE SYSTEM ON LINE.
- 10. CLEAN STORMWATER CONVEYANCE SYSTEM COMPONENTS, INCLUDING ALL CATCH BASINS, MANHOLES, BYPASS MANHOLE, PIPING AND PRETREATMENT DEVICES. 11. REMOVE ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES AFTER THE SITE IS STABILIZED

*SOIL EROSION AND SEDIMENT CONTROL MAINTENANCE MUST OCCUR EVERY TWO WEEKS AND PRIOR TO AND AFTER EVERY 1/2" OR GREATER RAINFALL EVENT.

CONSTRUCTION PRACTICES TO MINIMIZE STORMWATER CONTAMINATION:

ADEQUATE MEASURES SHALL BE TAKEN TO MINIMIZE CONTAMINANT PARTICLES ARISING FROM THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIALS, GRADING OPERATIONS, AND THE RECLAMATION AND PLACEMENT OF PAVEMENT, DURING PROJECT CONSTRUCTION, INCLUDING BUT NOT LIMITED TO • BUILDING MATERIALS, GARBAGE, AND DEBRIS SHALL BE CLEANED UP DAILY AND DEPOSITED INTO DUMPSTERS, WHICH WILL BE PERIODICALLY REMOVED FROM THE SITE AND APPROPRIATELY DISPOSED OF. ALL DUMPSTERS AND CONTAINERS LEFT ON—SITE SHALL BE COVERED AND SURROUNDED WITH SILT FENCE IN ORDER TO PREVENT CONTAMINANTS FROM LEAVING THE SITE. SILT FENCING SHALL BE INSPECTED ON A WEEKLY BASIS. • DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPAULIN. • THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEPT DAILY TO REMOVE EXCESS MUD, DIRT, OR ROCK TRACKED FROM THE SITE.

 PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS THAT ARE CLEARLY LABELED • ALL VEHICLES ON SITE WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. • ALL SPILLS WILL BE CLEANED UP IMMEDIATELY UPON DISCOVERY. SPILLS LARGE ENOUGH TO REACH THE STORM SYSTEM WILL BE REPORTED TO THE NATIONAL RESPONSE CENTER AT 1-800-424-8802. • MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE TEMPORARY MATERIAL STORAGE TRAILER ONSITE. EQUIPMENT WILL INCLUDE, BUT NOT BE LIMITED TO, BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAW DUST, AND PLASTIC AND METAL TRASH CONTAINERS. • ALL PAINT CONTAINERS AND CURING COMPOUNDS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SYSTEM, BUT WILL BE PROPERLY DISPOSED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS. SANITARY WASTE WILL BE COLLECTED FROM PORTABLE UNITS A MINIMUM OF TWO TIMES A WEEK TO AVOID OVERFILLING. ALL SANITARY WASTE UNITS SHALL BE SURROUNDED BY SILT FENCE TO PREVENT CONTAMINANTS FROM LEAVING THE SITE. SILT FENCING SHALL BE INSPECTED ON A WEEKLY BASIS. • ANY ASPHALT SUBSTANCES USED ON-SITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATION. • FERTILIZERS WILL BE STORED IN A COVERED SHED AND PARTIALLY USED BAGS WILL BE TRANSFERRED TO A SEALABLE BIN TO AVOID SPILLS AND WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER AND WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORMWATER. • NO DISTURBED AREA SHALL BE LEFT UN-STABILIZED FOR LONGER THAN 14 DAYS DURING THE GROWING SEASON. WHEN EROSION IS LIKELY TO BE A PROBLEM. GRUBBING OPERATIONS SHALL BE SCHEDULED AND PERFORMED SUCH THAT GRADING OPERATIONS AND PERMANENT EROSION CONTROL FEATURES CAN FOLLOW WITHIN 24 HOURS • AS WORK PROGRESSES, PATCH SEEDING SHALL BE DONE AS REQUIRED ON AREAS PREVIOUSLY TREATED TO MAINTAIN OR ESTABLISH PROTECTIVE COVER. • DRAINAGE PIPES AND SWALES/DITCHES SHALL GENERALLY BE CONSTRUCTED IN A SEQUENCE FROM OUTLET TO INLET IN ORDER TO STABILIZE OUTLET AREAS AND DITCHES BEFORE WATER IS DIRECTED TO THE NEW INSTALLATION OR ANY PORTION THEREOF, UNLESS CONDITIONS UNIQUE TO THE LOCATION WARRANT AN ALTERNATIVE METHOD.

SPILL CONTROL & SPILL RESPONSE: • FOR ALL HAZARDOUS MATERIALS STORED ON SITE, THE MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEAN UP WILL BE CLEARLY POSTED. SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES, AND THE LOCATIONS OF THE INFORMATION AND CLEANUP SUPPLIES • APPROPRIATE CLEANUP MATERIALS AND EQUIPMENT WILL BE MAINTAINED BY THE CONTRACTOR IN THE MATERIALS STORAGE AREA ON-SITE. AS APPROPRIATE, EQUIPMENT AND MATERIALS MAY INCLUDE ITEMS SUCH AS BOOMS DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR CLEAN UP PURPOSES. · ALL SPILLS WILL BE CLEANED IMMEDIATELY AFTER DISCOVERY AND THE MATERIALS DISPOSED OF PROPERLY.

• THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE. · AFTER A SPILL, A REPORT WILL BE PREPARED DESCRIBING THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES TAKEN. THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS YPE OF SPILL FROM REOCCURRING, AS WELL AS CLEAN UP INSTRUCTIONS IN THE EVENT OF REOCCURRENCES. • THE CONTRACTOR'S SITE SUPERINTENDENT, RESPONSIBLE FOR DAY-TO-DAY OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE SIT SUPERINTENDENT HAS HAD APPROPRIATE TRAINING FOR HAZARDOUS MATERIALS HANDLING, SPILL MANAGEMENT, • THE CONTRACTOR'S SITE SUPERINTENDENT WILL BE NOTIFIED IMMEDIATELY WHEN A SPILL OR THE THREAT OF A SPILL IS OBSERVED. THE SUPERINTENDENT WILL ASSESS THE SITUATION AND DETERMINE THE APPROPRIATE • IF SPILLS REPRESENT AN IMMINENT THREAT OF ESCAPING EROSION AND SEDIMENT CONTROLS AND ENTERING

RECEIVING WATERS, PERSONNEL WILL BE DIRECTED TO RESPOND IMMEDIATELY TO CONTAIN THE RELEASE AND

• SPILL KITS CONTAINING APPROPRIATE MATERIALS AND EQUIPMENT FOR SPILL RESPONSE AND CLEANUP WILL BE MAINTAINED BY THE CONTRACTOR AT THE SITE. • IF OIL SHEEN IS OBSERVED ON SURFACE WATER, ACTION WILL BE TAKEN IMMEDIATELY TO REMOVE THE MATERIAL CAUSING THE SHEEN. THE CONTRACTOR WILL USE APPROPRIATE MATERIALS TO CONTAIN AND ABSORB THE SPILI THE SOURCE OF THE OIL SHEEN WILL ALSO BE IDENTIFIED AND REMOVED OR REPAIRED AS NECESSARY TO PREVENT FURTHER RELEASES. • IF A SPILL OCCURS THE SUPERINTENDENT OR THE SUPERINTENDENT'S DESIGNEE WILL BE RESPONSIBLE FOR COMPLETING THE SPILL REPORTING FORM AND FOR REPORTING THE SPILL TO THE CONTACTS LISTED BELOW. PERSONNEL WITH PRIMARY RESPONSIBILITY FOR SPILL RESPONSE AND CLEAN UP WILL RECEIVE TRAINING BY THE CONTRACTOR'S SITE SUPERINTENDENT OR DESIGNEE. THE TRAINING MUST INCLUDE IDENTIFYING THE LOCATION OF THE SPILL KITS AND OTHER SPILL RESPONSE EQUIPMENT AND THE USE OF SPILL RESPONSE MATERIALS. • SPILL RESPONSE EQUIPMENT WILL BE INSPECTED AND MAINTAINED AS NECESSARY TO REPLACE ANY MATERIALS

SPILL CONTROL NOTIFICATION: • A REPORTABLE SPILL IS A QUANTITY OF FIVE (5) GALLONS OR MORE OR ANY SPILL OF OIL WHICH: (1) VIOLATES WATER QUALITY STANDARDS, (2) PRODUCES A "SHEEN" ON A SURFACE WATER, OR (3) CAUSES A SLUDGE OR EMULSION. THIS SPILL MUST BE REPORTED IMMEDIATELY TO THE AGENCIES LISTED BELOW. • ANY SPILL OF OIL OR HAZARDOUS SUBSTANCE TO WATERS OF THE STATE MUST BE REPORTED IMMEDIATELY BY

TELEPHONE TO THE FOLLOWING AGENCIES: - 911 - POLICE, FIRE AND EMS LOCAL EMERGENCY PLANNING COMMITTEE (LEPC WESTCHESTER COUNTY OFFICE OF EMERGENCY MANAGEMENT YORKTOWN ENGINEERING DEPARTMENT 200 BRADHURST AVENUE 363 UNDERHILL AVENUE

NOTIFY THE SUPERINTENDENT AFTER THE SITUATION HAS BEEN STABILIZED.

YORKTOWN HEIGHTS, NY 10598 PHONE: (914) 962-5722 YORKTOWN HEIGHTS FIRE DEPARTMENT 1916 COMMERCE ST. YORKTOWN HEIGHTS, NY 10598 PHONE: (914) 962-2148

USED IN SPILL RESPONSE ACTIVITIES.

 NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION SPILL REPORTING HOTLINE (1800) 457–7362 - NATIONAL RESPONSE CENTER: (1800) 424-8802

HAWTHORNE, NY 10532 (914) 864-5450 - WESTCHESTER COUNTY DEPARTMENT OF HEALTH (WCDOH) SPILL REPORTING HOTLINE (914) 813-5000 - U.S. ENVIRONMENTAL PROTECTION AGENCY (USEPA) EPCRA INFORMATION HOTLINE (1800) 535-0202 - U.S. DEPARTMENT OF LABOR AND OCCUPATIONAL SAFETY

<u>STORMWATER MANAGEMENT FACILITIES MAINTENANCE PROGRAM</u>

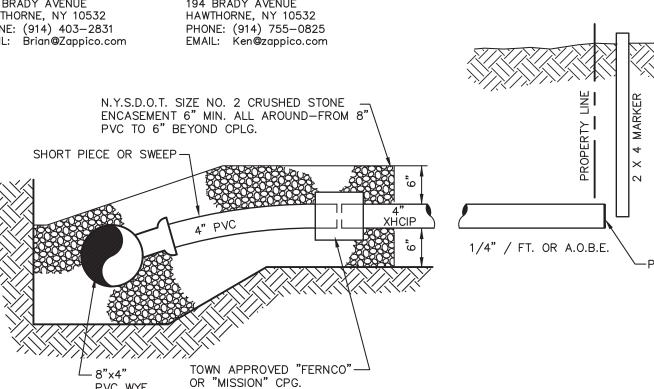
TARRYTOWN, NY

AND HEALTH ADMINISTRATION (OSHA)

| MEASURE | DATES FOR INSPECTION | TIMING, ACTIVITY, AND LOCATION |
|--|--|--|
| GENERAL MAINTENANCE (STORM SEWER, CATCH BASINS/ DRAIN INLETS, MANHOLES, PRE-TREATMENT DEVICE AND INFILTRATION BASIN) | ALL | ALL STORMWATER FACILITIES SHALL BE INSPECTED IMMEDIATELY AFTER COMPLETION OF CONSTRUCTION, AND THEN MONTHLY FOR THE FIRST THREE (3) MONTHS FOLLOWING THE COMPLETION OF THE PROJECT. WITHIN THE FIRST THREE (3) MONTHS, INSPECTIONS SHALL IMMEDIATELY BE PERFORMED FOLLOWING A LARGE STORM EVENT (I.E. PRODUCING 1/2" (ONE—HALF INCH) OF RAIN OR GREATER. THEREAFTER, THESE FACILITIES SHALL BE INSPECTED AS DESCRIBED AS FOLLOWS. UPON INSPECTION, FACILITIES SHALL BE IMMEDIATELY MAINTAINED AND/OR CLEANED AS MAY BE REQUIRED. ANY SITE AREAS EXHIBITING SOIL EROSION OF ANY KIND SHALL BE IMMEDIATELY RESTORED AND STABILIZED WITH VEGETATION, MULCH OR STONE, DEPENDING ON THE AREA TO BE STABILIZED. UPON EACH INSPECTION, ALL VISIBLE DEBRIS INCLUDING, BUT NOT LIMITED TO, TWIGS, LEAF AND FOREST LITTER SHALL BE REMOVED FROM THE BASIN, OVERFLOW DISCHARGE POINTS AND FRAMES AND GRATES OF DRAINAGE STRUCTURES. |
| SUMPS — CATCH BASIN/DRAIN INLETS AND DRAIN MANHOLES | UPON COMPLETION OF CONSTRUCTION: -ONCE A MONTH FOR THE FIRST THREE (3) MONTHS AFTER FIRST THREE (3) MONTHS: -EVERY FOUR (4) MONTHS THEREAFTER | ALL CATCH BASIN/DRAIN INLETS AND DRAIN MANHOLES WITH SUMPS HAVE BEEN DESIGNED TO TRAP SEDIMENT PRIOR TO ITS TRANSPORT TO THE INFILTRATION PRACTICE AND, ULTIMATELY, DOWNSTREAM. THESE SUMPS WILL REQUIRE PERIODIC INSPECTION AND MAINTENANCE TO ENSURE THAT ADEQUATE DEPTH IS MAINTAINED WITHIN THE SUMPS. THE OWNER, OR THEIR DULY AUTHORIZED REPRESENTATIVE, SHALL TAKE MEASUREMENTS OF THE SUMP DEPTH. IF SEDIMENT HAS ACCUMULATED TO 1/2 (ONE—HALF) THE DEPTH OF THE SUMP, ALL SEDIMENT SHALL BE REMOVED FROM THE SUMP. SEDIMENTS CAN BE REMOVED WITH HAND—LABOR OR WITH A VACUUM TRUCK. THE USE OF ROAD SALT SHALL BE MINIMIZED FOR MAINTENANCE OF ROADWAY AND DRIVEWAY AREAS. |
| PRE-TREATMENT DEVICES | UPON COMPLETION OF CONSTRUCTION: -QUARTERLY FOR FIRST YEAR AFTER FIRST YEAR: -EVERY SIX (6) MONTHS THEREAFTER (SPRING & FALL) | THE PRE—TREATMENT DEVICE LOCATED UPSTREAM OF THE EXFILTRATION GALLERY AND EXFILTRATION CHAMBERS SHALL BE MAINTAINED DURING DRY WEATHER CONDITIONS. ANY ACCUMULATED SEDIMENTS SHALL BE VACUUMED OUT WHEN SEDIMENT HAS REACHED 1/2 (ONE—HALF) THE CAPACITY OF THE ISOLATED SUMP, OR WHEN AN APPRECIABLE LEVEL OF HYDROCARBONS AND TRASH HAS ACCUMULATED, WHICHEVER OCCURS FIRST. WHEN THE SEDIMENT PILE IS WITHIN 30 TO 36 INCHES OF THE WATER SURFACE, THE SYSTEM SHOULD BE MAINTAINED. A VACUUM TRUCK SHALL BE USED TO REMOVE THE ACCUMULATED SEDIMENT AND DEBRIS. REFER TO MANUFACTURER'S LITERATURE FOR DETAILED MAINTENANCE INSTRUCTIONS. |

| MEASURE | DATES FOR INSPECTION | TIMING, ACTIVITY, AND LOCATION |
|---|---|--|
| SUBSURFACE EXFILTRATION GALLERY (PERFORATED PIPE) | UPON COMPLETION OF CONSTRUCTION: -IMMEDIATELY AFTER CONSTRUCTION -EVERY SIX (6) MONTHS THEREAFTER (SPRING & FALL) BY HOA | GALLERY SHALL BE INSPECTED FOR EXCESS SEDIMENT ACCUMULATION. DURING DRY WEATHER CONDITIONS, WHEN SEDIMENT HAS ACCUMULATED TO AN AVERAGE DEPTH EXCEEDING 3" (THREE INCHES), ALL ACCUMULATED SEDIMENTS SHALL BE VACUUMED OUT OR REMOVED MANUALLY. A STADIA ROD MAY BE INSERTED TO DETERMINE THE DEPTH OF THE SEDIMENT.TO PREVENT SEDIMENT FROM ACCUMULATING WITHIN SYSTEM, THE PRE—TREATMENT BASIN SHALL BE CLEANED AS RECOMMENDED ABOVE. THE HOME OWNERS ASSOCIATE (HOA), OR THEIR DULY AUTHORIZED REPRESENTATIVE, SHALL BE RESPONSIBLE FOR CONTINUING MAINTENANCE OF THE SUBSURFACE INFILTRATION GALLERY LOCATED WITHIN THE CUL—DE—SAC. MAINTENANCE OF THE INFILTRATION SYSTEMS LOCATED ON EACH INDIVIDUAL LOT SHALL BE THE RESPONSIBILITY OF THE INDIVIDUAL PROPERTY OWNER. |
| SUBSURFACE EXFILTRATION CHAMBERS/DRY WELL | UPON COMPLETION OF CONSTRUCTION: -IMMEDIATELY AFTER CONSTRUCTION -EVERY SIX (6) MONTHS THEREAFTER (SPRING & FALL) BY INDIVIDUAL HOMEOWNERS) | ALL EXFILTRATION SYSTEMS SHALL BE INSPECTED EVERY SIX (6) MONTHS (SPRING AND FALL) FOR CLOGGING OF INLET AND OUTLET PIPING. DURING DRY WEATHER CONDITIONS, INLET AND OUTLET PIPING SHALL BE MANUALLY CLEANED AND CLEARED OF DEBRIS. ALL DEBRIS ACCUMULATED WITHIN THE INFILTRATION SYSTEM SHALL BE VACUUMED OUT OR REMOVED MANUALLY. TO PREVENT SEDIMENT FROM ACCUMULATING WITHIN SYSTEM, THE PRE—TREATMENT BASIN SHALL BE CLEANED AS RECOMMENDED ABOVE. MAINTENANCE OF THE INFILTRATION SYSTEMS LOCATED ON EACH INDIVIDUAL LOT SHALL BE THE RESPONSIBILITY OF THE INDIVIDUAL PROPERTY OWNER. |
| SUBSURFACE ATTENUATION GALLERY | UPON COMPLETION OF CONSTRUCTION: -IMMEDIATELY AFTER CONSTRUCTION -EVERY SIX (6) MONTHS THEREAFTER (SPRING & FALL) BY HOA | GALLERY SHALL BE INSPECTED FOR EXCESS SEDIMENT ACCUMULATION. DURING DRY WEATHER CONDITIONS, WHEN SEDIMENT HAS ACCUMULATED TO AN AVERAGE DEPTH EXCEEDING 3" (THREE INCHES), THE GALLERY SHALL BE WATER JETTED CLEAN, AND ALL ACCUMULATED SEDIMENTS SHALL BE VACUUMED OUT OR REMOVED MANUALLY. A STADIA ROD MAY BE INSERTED TO DETERMINE THE DEPTH OF THE SEDIMENT. THE HOME OWNERS ASSOCIATE (HOA), OR THEIR DULY AUTHORIZED REPRESENTATIVE, SHALL BE RESPONSIBLE FOR CONTINUING MAINTENANCE OF THE ATTENUATION GALLERY LOCATED DOWN GRADIENT OF THE VEGETATED DRY SWALES. |
| O' TYPE VEGETATED DRY SWALE | UPON COMPLETION OF CONSTRUCTION: -IMMEDIATELY AFTER CONSTRUCTION -ONCE A MONTH BY THE HOA -ONCE A YEAR BY A LICENSED PROFESSIONAL ENGINEER | REMOVE SEDIMENT BUILD—UP WITHIN THE BOTTOM OF THE CHANNEL OR FILTER STRIP WHEN 25% OF THE ORIGINAL WQV VOLUME HAS BEEN EXCEEDED. MAINTAIN A GRASS HEIGHT OF 4" TO 6" IN DRY SWALES. SPECIFIC ATTENTION SHOULD BE PAID TO THE FOLLOWING: - EVIDENCE OF CLOGGING OF OUTLET DEVICE EROSION OF THE FLOW PATH THROUGH THE DETENTION FACILITY SUBSIDENCE, EROSION, CRACKING OR TREE GROWTH ON THE EMBANKMENTS AND WITHIN THE SWALE ACCUMULATION OF SEDIMENT. ALL REQUIRED SAFETY ELEMENTS MUST BE INSPECTED AND MAINTAINED ON AN ANNUAL BASIS, UNLESS PRIOR INSPECTIONS INDICATE MORE FREQUENT MAINTENANCE IS REQUIRED, |
| RAIN GARDENS | UPON COMPLETION OF CONSTRUCTION: -ROUTINELY AS A COMPONENT OF THE PROPOSED LANDSCAPING | ROUTINE MAINTENANCE MAY INCLUDE THE OCCASIONAL REPLACEMENT OF PLANTS, MULCHING, WEEDING AND THINNING TO MAINTAIN THE DESIRED APPEARANCE. SPECIFIC ATTENTION SHOULD BE PAID TO THE FOLLOWING: - WEEDING AND WATERING ARE ESSENTIAL THE FIRST YEAR, AND CAN BE MINIMIZED WITH THE USE OF A WEED-FREE MULCH LAYER. - KEEP PLANTS PRUNED. CUT OFF OLD FLOWER HEADS AFTER A PLANT IS DONE BLOOMING. - KEEP THE GARDEN WEEDED, ESPECIALLY IN THE FIRST COUPLE OF YEARS WHILE THE NATIVE PLANTS ARE ESTABLISHING THEIR ROOT SYSTEMS. - ONCE THE RAIN GARDEN HAS MATURED, THE GARDEN AREA SHALL BE KEPT FREE OF BARE AREAS EXCEPT WHERE STEPPING STONES ARE LOCATED. - INSPECT FOR SEDIMENT ACCUMULATIONS OR HEAVY ORGANIC MATTER WHERE RUNOFF ENTERS THE GARDEN AND REMOVE AS NECESSARY. - THE TOP FEW INCHES OF PLANTING SOIL SHOULD BE REMOVED AND REPLACED WHEN WATER PONDS FOR MORE THAN 48 HOURS. - IF THE GARDEN OVERFLOW DEVICE IS AN EARTHEN BERM OR LIP, CHECK FOR EROSION AND REPAIR AS SOON AS POSSIBLE. IF EROSION CONTINUES, A HARDER ARMORING OF STONE MAY BE NECESSARY. - IF THE GARDEN OVERFLOW DEVICE IS A PIPE OR DRAIN INLET, MAKE SURE THE DEVICE IS FREE OF DEBRIS AND REMAINS UNCLOGGED. - MAKE SURE ALL APPROPRIATE ELEVATIONS HAVE BEEN MAINTAINED, NO SETTLEMENT HAS OCCURRED AND NO LOW SPOTS HAVE BEEN CREATED. |
| EXISTING BASIN | -AFTER EACH MAJOR STORM EVENT BY THE TOWN OF YORKTOWN DEPARTMENT OF PUBLIC WORKS -ONCE A MONTH BY THE TOWN OF YORKTOWN DEPARTMENT OF PUBLIC WORKS -ONCE A YEAR BY THE TOWN OF YORKTOWN ENGINEER | SEDIMENT REMOVAL IN THE FOREBAY SHALL OCCUR EVERY FIVE TO SIX YEARS OR AFTER 50% OF TOTAL FOREBAY CAPACITY HAS BEEN LOST. SEDIMENTS EXCAVATED FROM STORMWATER PONDS CAN BE SAFELY DISPOSED BY EITHER LAND APPLICATION OR LAND FILLING. ANNUAL MOWING OF THE POND BUFFER IS ONLY REQUIRED ALONG MAINTENANCE RIGHTS—OF—WAY AND THE EMBANKMENT. THE REMAINING BUFFER CAN BE MANAGED AS A MEADOW (MOWING EVERY OTHER YEAR) OR FOREST. ALL REQUIRED SAFETY ELEMENTS MUST BE INSPECTED AND MAINTAINED ON AN ANNUAL BASIS, UNLESS PRIOR INSPECTIONS INDICATE MORE FREQUENT MAINTENANCE IS REQUIRED. |
| • DURING CON | STRUCTION, THE | A REPORT SHALL BE PREPARED FOR THE TOWN ENGINEER IN THE EVENT DEFICIENCIES ARE FOUND. PARTY RESPONSIBLE FOR IMPLEMENTING THE TEMPORARY (DURING |
| CONSTRUCTION THE NAME AN THE TIME OF STORMWATER AND ACCEPTA BASIN WILL BE | I) STORMWATER M ID CONTACT INFOR THE PRE-CONST MANAGEMENT FACIL NCE OF THE IMP E MANAGED BY THE | ANAGEMENT FACILITIES MAINTENANCE PROGRAM WILL BE THE CONTRACTOR. MATION WILL BE FILED WITH THE TOWN OF YORKTOWN AND THE NYSDEC AT RUCTION MEETING. THE PERMANENT MAINTENANCE PROGRAM FOR ALL NEW LITIES WILL BE MANAGED BY THE HOA UPON COMPLETION OF CONSTRUCTION ROVEMENTS. THE PERMANENT MAINTENANCE PROGRAM FOR THE EXISTING E TOWN OF YORKTOWN. |
| – BRIAN ZAPPI 194 BRADY AV | VENUE | TORMWATER MAINTENANCE CONTACTS: - KEN PATTERSON 194 BRADY AVENUE |
| 194 BRADY AV HAWTHORNE, N | | |

EMAIL: Brian@Zappico.com EMAIL: Ken@zappico.com

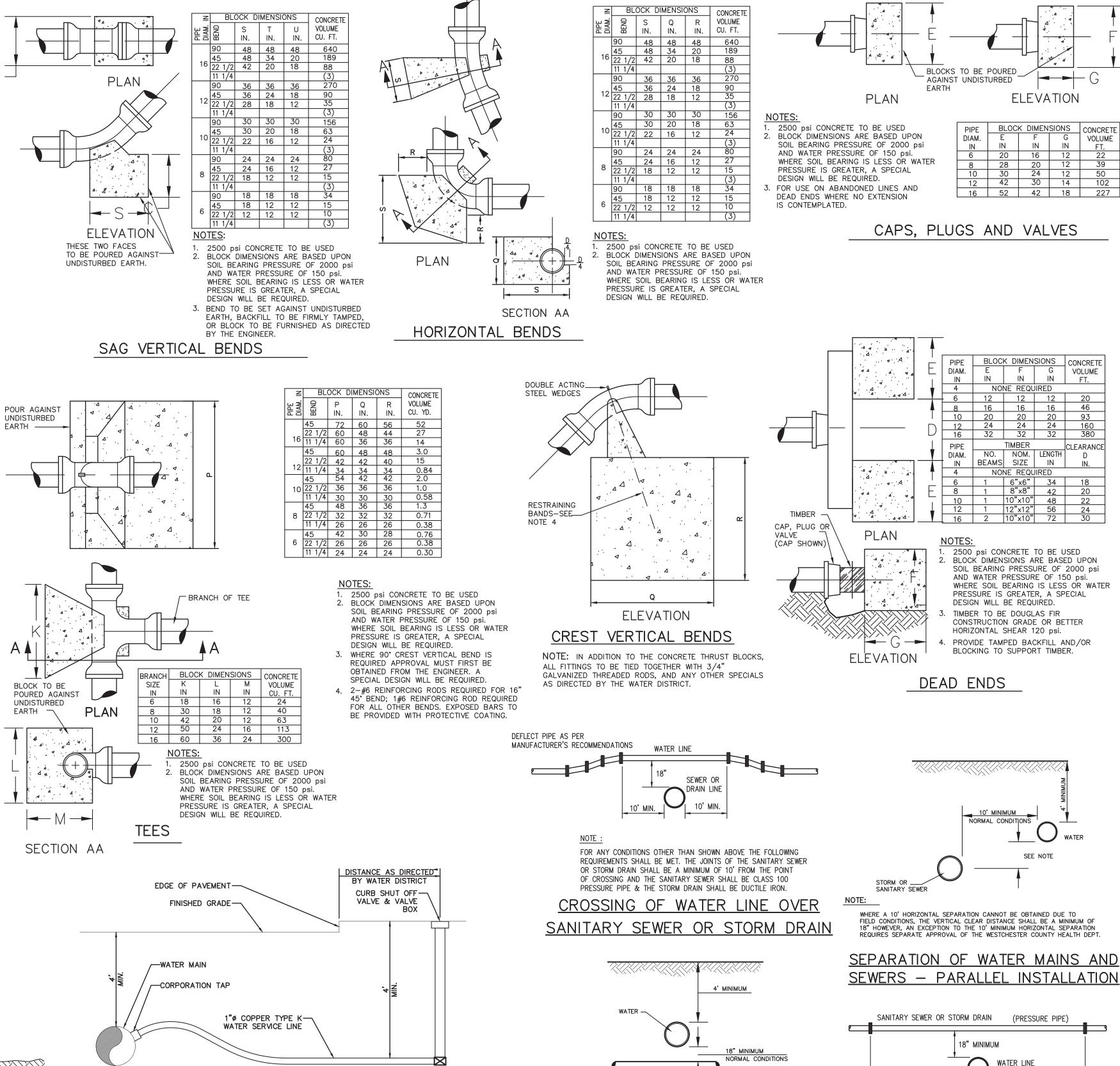


CONNECTION OF 8" PVC SANITARY SEWEF SERVICE LINES

NOTE: IF WALL EXISTS AT PROPERTY LINE; EXTEND SERVICE LINE UNDER WALL.

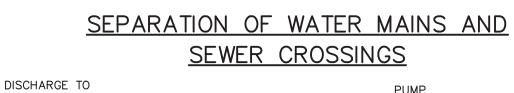
PUMPER OUTLET SHALL FACE STREET; HOSE OUTLETS SHALL BE PARALLEL TO STREET. 2. PLUMPNESS OF HYDRANT TO BE CHECKED IN TWO DIRECTIONS, 3. RODDING SHALL CONSIST OF TWO 3/4" THREADED RODS CAREFULLY COATED WITH BITUMASTIC PAINT. RODDING MAY BE OMITTED BETWEEN THE MAIN AND LATERAL VALVE ONLY WHERE A TAPPING VALVE OR HYDRANT VALVE ANCHORING TEE IS 4.1 1/2" STONE SHALL BE PLACED AROUND THE HYDRANT FROM THE BOTTOM OF THE TRENCH, BUT AT LEAST 6" BELLOW THE BASE OF THE HYDRANT TO 6" ABOVE THE WASTE OPENING AND TO A DISTANCE OF 12" AROUND THE ELBOW. 5. HYDRANTS WITH PLUGGED DRAINS SHALL HAVE A 3" BLACK CIRCLE PAINTED DIRECTLY UNDER THE PUMPER OUTLET. 6. HYDRANT DRAINS TO BE PLUGGED WHERE THE WATER TABLE IS WITHIN 7 FFFT OF FINISHED GRADE, WHEN THE DRAINS AR PLUGGED: THE BARRELS MUST BE PUMPED DRY AFTER USE DURING FREEZING WEATHER. WHERE HYDRANT DRAINS ARE NOT UNLESS THE NATURAL SOILS WILL PROVIDE ADEQUATE DRAINAGE HYDRANT DRAINS SHALL NOT BE CONNECTED TO OR LOCATED WITHIN 10 FT. OF SANITARY SEWERS OR STORM 7. HYDRANT TO CONFORM TO WJWW SPECIFICATIONS. 8. AS PER SECTION 8.4.4 OF THE RECOMMENDED STANDARDS FOR WATER WORKS, 2003 EDITION: a. HYDRANT DRAINS SHOULD BE PLUGGED. WHEN THE

WATER. (SEE NOTE 5) 2 LAYERS OF TARPAPER OVER -----1 1/2" STONE PLUGGED, A GRAVEL POCKET OR DRY WELL SHALL BE PROVIDED 2000 psi CONCRETE OR STONE ----ANCHORAGE AGAINST UNDISTURBED STONE, CONCRETE OR CONCRETE BLOCK, DRAINS ARE PLUGGED THE BARRELS MUST BE PUMPED MINIMUM 6" THICK AND 12" SQUARE DRY AFTER USE DURING FREEZING WEATHER. b. WHERE HYDRANT DRAINS ARE NOT PLUGGED, A GRAVEL LIMITS OF 1 1/2" STONE FOR -POCKET OR DRY WELL SHALL BE PROVIDED UNLESS THE DRAINAGE. (SEE NOTE 4) NATURAL SOILS WILL PROVIDE ADEQUATE DRAINAGE. c. HYDRANT DRAINS SHALL NOT BE CONNECTED TO OR LOCATED WITHIN 10 FEET OF SANITARY SEWERS, STORM SEWERS, OR STORM DRAINS. d. HYDRANT DRAINS, WHERE ALLOWED, MUST BE ABOVE THE SEASONAL GROUNDWATER TABLE.

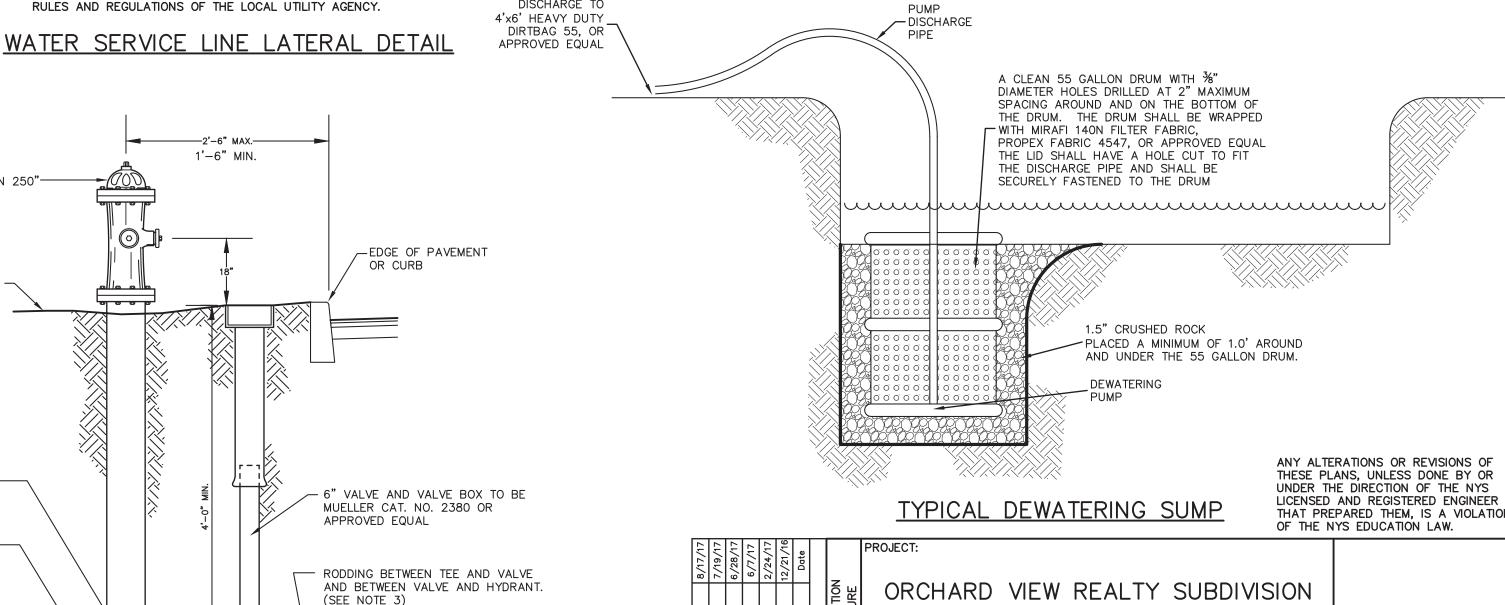


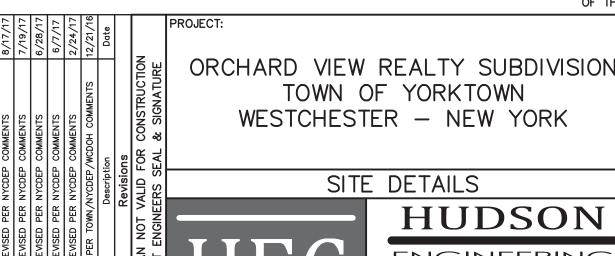
HOUSE, STORM, OR SANITARY SEWER WATER MAINS PASSING UNDER SEWERS SHALL HAVE A VERTICAL CLEARANCE OF 18" MIN. BETWEEN THE SEWER AND WATER MAIN AND THE SEWER SHALL BE SUPPORTED AS DIRECTED BY THE ENGINEER. TO THE EXTENT FEASIBLE, JOIN' IN THE WATER MAIN SHALL BE KEPT AS FAR AS POSSIBLE FROM THE SEWER. WHERE AN 18" SEPARATION CANNOT BE OBTAINED DUE TO FIELD CONDITION SEPARATE APPROVAL OF THE WESTCHESTER COUNTY HEALTH DEPARTMENT SHALL

WHERE WATER LINE PASSES BENEATH SEWER LINE OR STORM DRAIN, THE JOINTS OF THE PIPE SHALL BE A MIN. OF 10' FROM THE POINT OF CROSSING AND THE SANITARY SEWER SHALL BE CLASS 100 PRESSURE PIPE & THE STORM DRAIN SHALL BE DUCTILE IRON PIPE.



<u>CROSSING OF WATER LINE UNDER</u> SANITARY SEWER OR STORM DRAIN





HUDSON ENGINEERING CONSULTING, P.C

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HYDRANT SETTING

WHEN DIRECTED DRAIN HOLES TO BE -

PLUGGED IN AREAS OF HIGH GROUND

MULLER "CENTURION 250"——

FINAL GRADE -

CAT. NO. A-421

VARIES -

1. WATER DISTRICT TO FURNISH AND INSTALL COMPORATION TAP,

SERVICE LINE, AND CURB SHUT OFF VALVE AND VALVE BOX.

2. CONTRACTOR TO EXCAVATE, MAINTAIN, BACKFILL, AND RESTORE

TRENCH FOR THE TAP, SERVICE LINE, AND CURB SHUT OFF

3. CONTRACTOR TO TAKE OUT PERMIT, PAY FEE, AND TO FOLLOW ALL

1'-6" MIN.

THRUST BLOCK -

