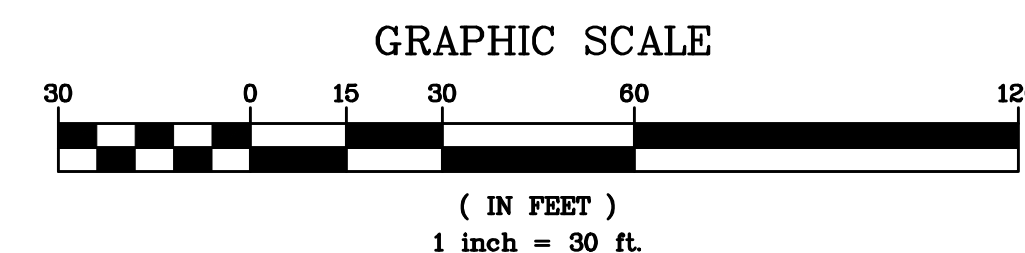


SITE LOCATION MAP

SCALE: 1"=500'

EXISTING INFORMATION SHOWN HEREON
HAS BEEN PROVIDED BY SUMMIT LAND
SURVEYORS, DATED JANUARY 31, 2016



ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR
UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER
THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.

PLANNING BOARD SUBMISSION REVISIONS 1. No.	DATE 02/27/18	PROJECT: SPCA OF WESTCHESTER 590 NORTH STATE ROAD TOWN OF OSSINING WESTCHESTER COUNTY - NEW YORK	DATE: 2/27/18 Scale: 1" = 30' Designed By: D.C. Checked By: M.S. Sheet No. 7
THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEERS SEAL & SIGNATURE		HEC	HUDSON ENGINEERING CONSULTING, P.C. 45 Knollwood Road - Suite 201 Elmsford, New York 10523 T: 914-909-0420 F: 914-560-2086 © 2018



C-1



ZONING ANALYSIS TABLE			
SECTION: 105.07 BLOCK: 2 LOT: 19	DISTRICT: GB (General Business District)		
	REQ'D	EXISTING	PROPOSED
REGULATION			
Lot size (s.f.)	20,000	166,988	166,988
Min. Lot Width (ft.)	100	423.4	423.4
Min. Lot Depth (ft.)	130	552.1	552.1
Min. Yards			
- Front (ft.)	30	107.3	257.7
- Side (ft.)	0	4.9	14.7
- Side (Residential) (ft.)	30	32.9	34.3
- Rear (Residential) (ft.)	30	143.9	135.0
Max. Height			
- Stories	2	1	2 1/4
- Feet	35	15.0	35.0
Max. Bldg. Coverage (sf)	50.096	17.754	20.885
Max. Bldg. Coverage (%)	30.0%	10.6%	12.5%

GRAPHIC SCALE

(IN FEET)
1 inch = 30 ft.

HEC

HUDSON
ENGINEERING
 &
CONSULTING, P.C.
 45 Knollwood Road - Suite 201
 Elmford, New York 10523

T: 914-909-0420
 F: 914-560-2086



Date:	2/27/18	Sheet:	
Scale:	1" = 30'		2
Designed By:	D.C.		
Checked By:	M.S.		
Sheet No.			

C-2

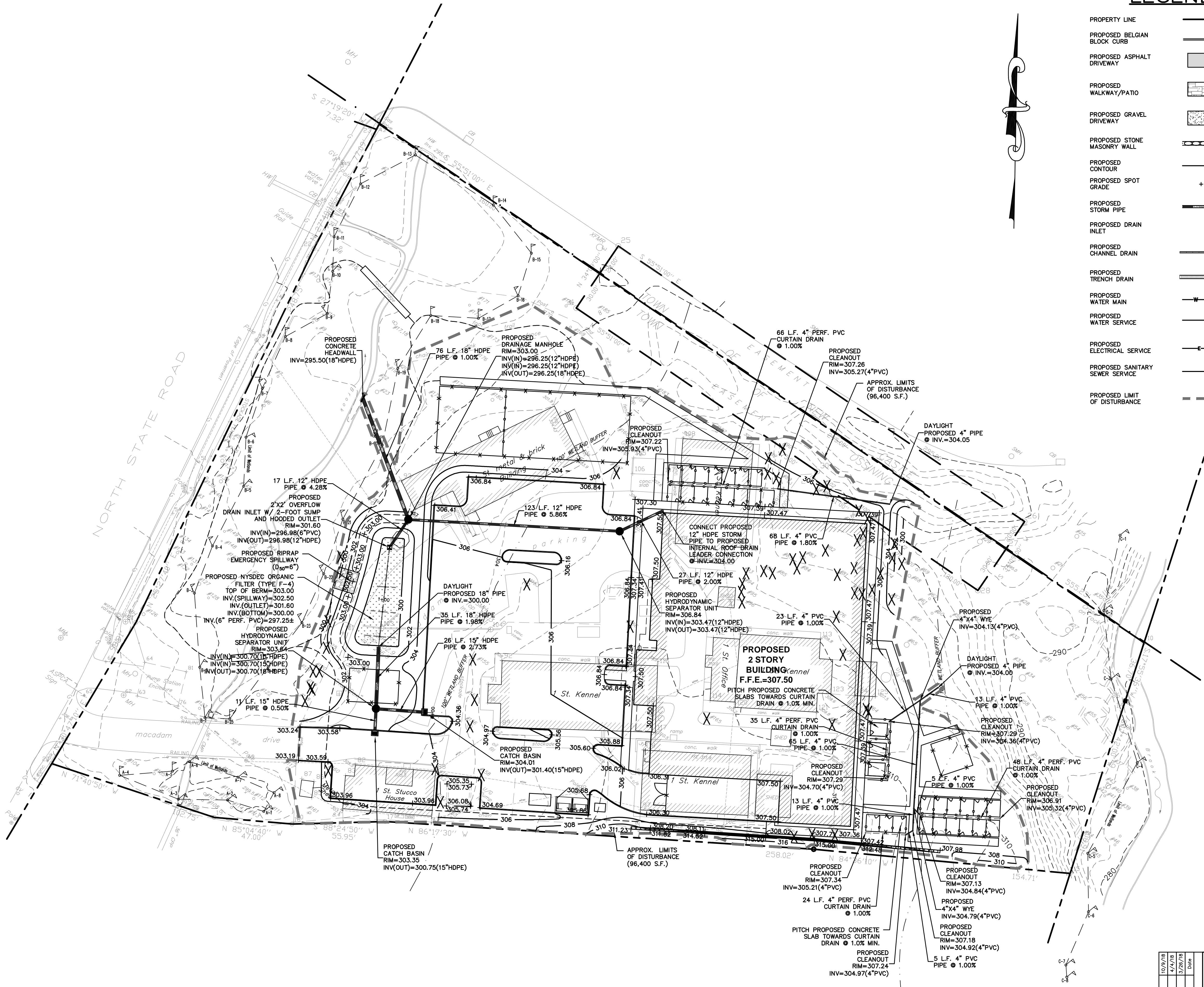
ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.

LEGEND

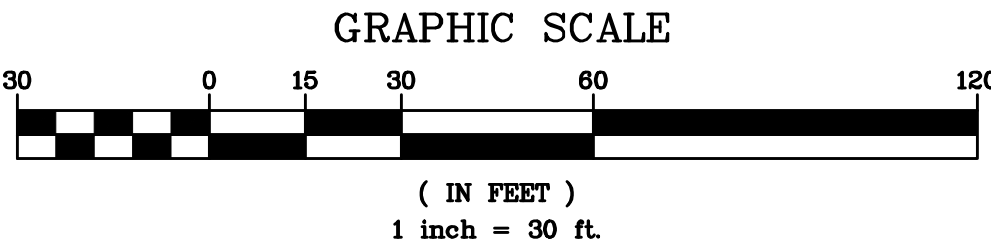
PROPERTY LINE	---
PROPOSED BELGIAN BLOCK CURB	=====
PROPOSED ASPHALT DRIVEWAY	=====
PROPOSED WALKWAY/PATIO	=====
PROPOSED GRAVEL DRIVEWAY	=====
PROPOSED STONE MASONRY WALL	=====
PROPOSED CONTOUR	-526-
PROPOSED SPOT GRADE	+526.25
PROPOSED STORM PIPE	=====
PROPOSED DRAIN INLET	⊠
PROPOSED CHANNEL DRAIN	=====
PROPOSED TRENCH DRAIN	=====
PROPOSED WATER MAIN	W-W
PROPOSED WATER SERVICE	WS
PROPOSED ELECTRICAL SERVICE	E-E
PROPOSED SANITARY SEWER SERVICE	SS
PROPOSED LIMIT OF DISTURBANCE	-----

GENERAL NOTES:

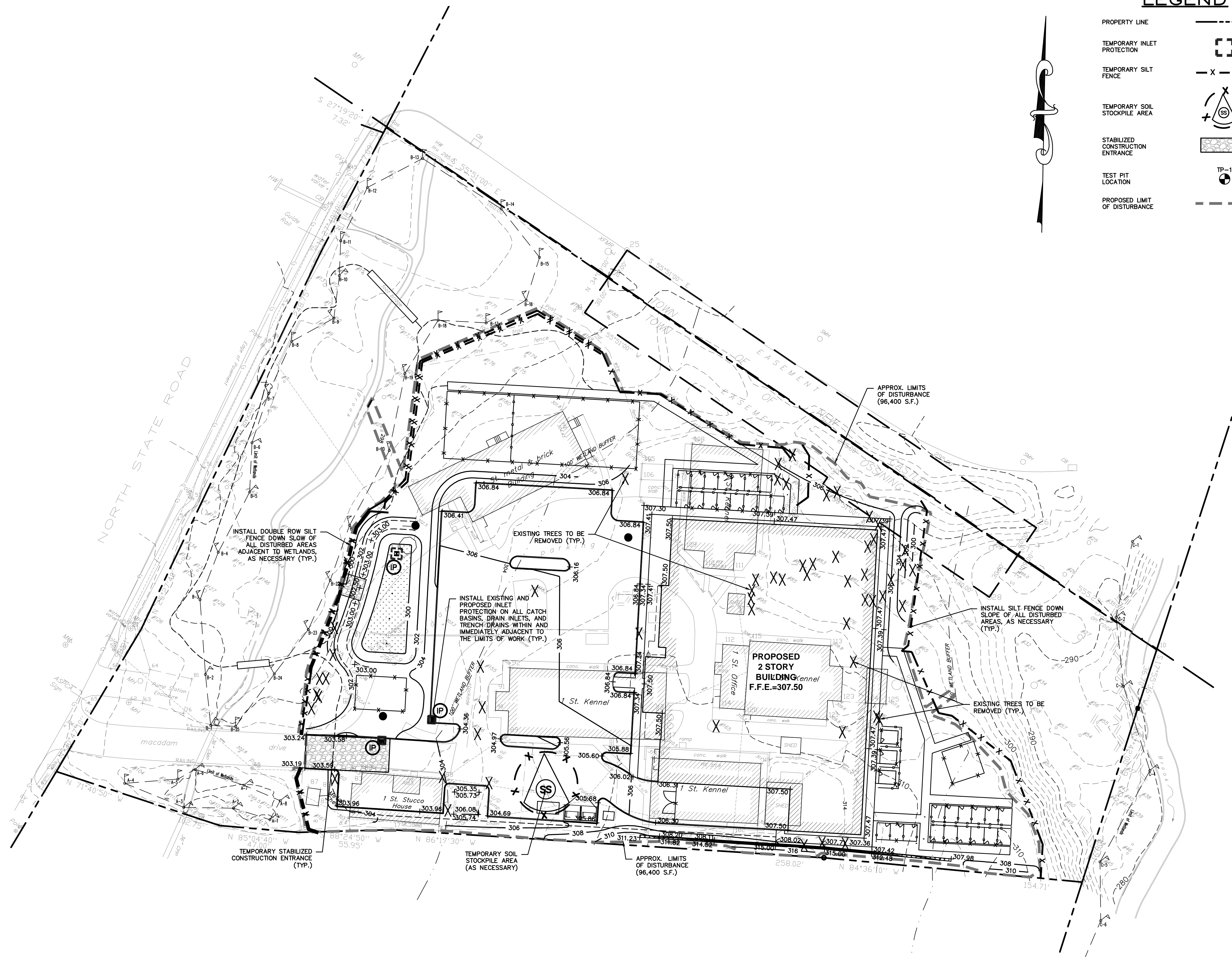
1. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE SUPERVISION OF THE CONSTRUCTION.
2. NO CHANGES SHALL BE MADE TO THESE PLANS EXCEPT AS PER NYS LAW CHAPTER 987.
3. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL APPLICABLE CODES, INCLUDING BUT NOT LIMITED TO A.C.I., A.S.C., ZONING, AND THE NEW YORK STATE BUILDING CODE.
4. ALL CONDITIONS, LOCATIONS AND DIMENSIONS SHALL BE FIELD VERIFIED AND THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED OF ANY DISCREPANCIES.
5. ALL CHANGES MADE TO THE PLANS SHALL BE APPROVED BY THE ENGINEER AND ANY SUCH CHANGES SHALL BE FILED AS AMENDMENTS TO THE ORIGINAL BUILDING PERMIT.
6. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING HIS BEST SKILL AND ATTENTION. HE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
7. THE CONTRACTOR SHALL BE RESPONSIBLE TO THE OWNER FOR THE ACTS AND OMISSIONS OF HIS EMPLOYEES, SUBCONTRACTORS AND THEIR AGENTS AND EMPLOYEES, AND OTHER PERSONS PERFORMING ANY OF THE WORK UNDER A CONTRACT WITH THE CONTRACTOR.
8. SAFETY DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL CONFORM TO ALL LOCAL, STATE AND FEDERAL AGENCIES IN EFFECT DURING THE PERIOD OF CONSTRUCTION.
9. THE CONTRACTOR AND HIS SUBCONTRACTORS SHALL MAKE APPLICATION TO RECEIVE ALL NECESSARY PERMITS TO PERFORM THE WORK UNDER CONTRACT. THE CONTRACTOR AND HIS SUBCONTRACTORS SHALL BE LICENSED TO DO ALL WORK AS REQUIRED BY THE LOCAL, COUNTY, AND STATE AGENCIES WHICH MAY HAVE JURISDICTION OVER THOSE TRADES, AND SHALL PRESENT THE OWNER WITH COPIES OF ALL LICENSES AND INSURANCE CERTIFICATES.
10. FINAL GRADING AROUND THE BUILDING AREA SHALL SLOPE AWAY FROM THE STRUCTURE.
11. ALL WRITTEN DIMENSIONS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER ANY SCALED DIMENSIONS.
12. ADJOINING PUBLIC AND PRIVATE PROPERTY SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION, REMODELING AND DEMOLITION WORK. PROTECTION MUST BE PROVIDED FOR FOOTINGS, FOUNDATIONS, PARTY WALLS, CHIMNEYS, SKYLIGHTS AND ROOFS. PROVISIONS SHALL BE MADE TO CONTROL WATER RUNOFF AND EROSION DURING CONSTRUCTION OR DEMOLITION ACTIVITIES. THE PERSON MAKING OR CAUSING AN EXCAVATION TO BE MADE SHALL PROVIDE WRITTEN NOTICE TO THE OWNERS OF ADJOINING BUILDINGS ADVISING THEM THAT THE EXCAVATION IS TO BE MADE AND THAT THE ADJOINING BUILDING SHOULD BE PROTECTED. SAID NOTIFICATION SHALL BE DELIVERED NOT LESS THAN 10 DAYS PRIOR TO THE SCHEDULED STARTING DATE OF THE EXCAVATION.
13. OWNER SHALL INSURE THAT THE INSURANCE PROVIDED BY THE CONTRACTOR HIRED TO PERFORM THE WORK SHALL BE ENDORSED TO NAME HUDSON ENGINEERING & CONSULTING, P.C., AND ANY DIRECTORS, OFFICERS, EMPLOYEES, SUBSIDIARIES, AND AFFILIATES, AS ADDITIONAL INSURED ON ALL POLICIES AND HOLD HARMLESS DOCUMENTS, AND SHALL STIPULATE THAT THIS INSURANCE IS PRIMARY, AND THAT ANY OTHER INSURANCE OR SELF-INSURANCE MAINTAINED BY HUDSON ENGINEERING & CONSULTING, P.C., SHALL BE EXCESS ONLY AND SHALL NOT BE CALLED UPON TO CONTRIBUTE WITH THIS INSURANCE. ISO ADDITIONAL INSURED ENDORSEMENT FORM NUMBER CC20171185 UNDER GL. COPIES OF THE INSURANCE POLICIES SHALL BE SUBMITTED TO AND HUDSON ENGINEERING & CONSULTING, P.C., FOR APPROVAL PRIOR TO THE SIGNING OF THE CONTRACT.
14. INDUSTRIAL CODE RULE 753: THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 72 HOURS PRIOR TO THE START OF HIS OPERATIONS AND SHALL COMPLY WITH ALL THE LATEST INDUSTRIAL CODE RULE 753 REGULATIONS.



EXISTING INFORMATION SHOWN HEREON
HAS BEEN PROVIDED BY SUMMIT LAND
SURVEYORS, DATED JANUARY 31, 2016



10/9/18	PLANNING BOARD SUBMISSION	3.
4/14/18	REVISED PER CLIENT MEETING	2.
3/26/18	REVISED PER CLIENT MEETING	1.
		No.
Revisions		



LEGEND

PROPERTY LINE	---
TEMPORARY INLET PROTECTION	[Symbol]
TEMPORARY SILT FENCE	-X-X-
TEMPORARY SOIL STOCKPILE AREA	[Symbol]
STABILIZED CONSTRUCTION ENTRANCE	[Symbol]
TEST PIT LOCATION	TP-1
PROPOSED LIMIT OF DISTURBANCE	---

INSTALLATION & MAINTENANCE OF EROSION CONTROL:

CONSTRUCTION SCHEDULE
NOTIFY APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 5 DAYS PRIOR TO START.

EROSION CONTROL MEASURES
INSTALL ALL EROSION CONTROL MEASURES PRIOR TO START OF CONSTRUCTION. CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

INSPECTION BY MUNICIPALITY
MAINTENANCE (TO BE PERFORMED DURING ALL PHASES OF CONSTRUCTION)

AFTER ANY RAIN CAUSING RUNOFF, CONTRACTOR TO INSPECT HAYBALES, ETC. AND REMOVE ANY EXCESSIVE SEDIMENT AND INSPECT STOCKPILES AND CORRECT ANY PROBLEMS WITH SEED ESTABLISHMENT. INSPECTIONS SHALL BE DOCUMENTED IN WRITING AND SUBMITTED TO THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION.

INSPECTION BY MUNICIPALITY - FINAL GRADING
REMOVE UNNEEDED SUBGRADE FROM SITE. CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

INSPECTION BY MUNICIPALITY - LANDSCAPING

SPREAD TOPSOIL EVENLY OVER AREAS TO BE SEEDDED. HAND RAKE LEVEL. BROADCAST 1.25 LB. BAG OF JONATHAN GREEN "FASTGROW" MIX OR EQUAL OVER AREA TO BE SEEDDED. APPLY STRAW MULCH AND WATER WITHIN 2 DAYS OF COMPLETION OF TOPSOILING. CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

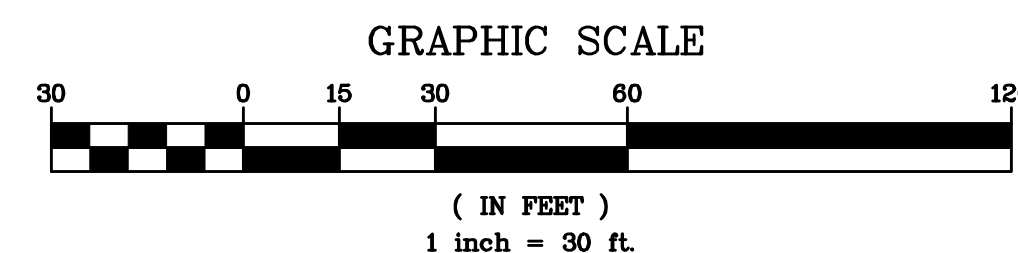
INSPECTION BY MUNICIPALITY - FINAL LANDSCAPING

GRASS ESTABLISHED.
CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

INSPECTION BY MUNICIPALITY - FINAL INSPECTION

ALL EROSION CONTROL MEASURES REMOVED AND GRASS ESTABLISHED. CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

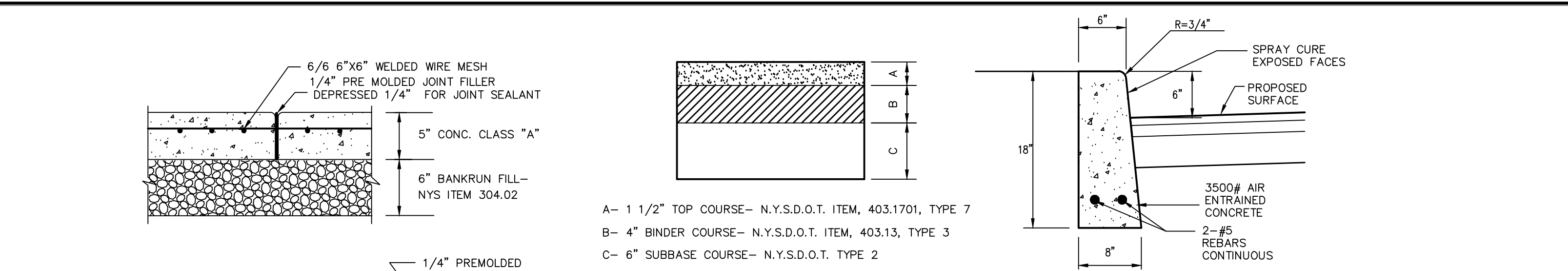
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10/2/18 PLANNING BOARD SUBMISSION	4/2/18 REVISED PER CLIENT MEETING	2/22/18 REVISED PER CLIENT MEETING	2/22/18 REVISED PER CLIENT MEETING
Revisions			
THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEER'S SEAL & SIGNATURE			
PROJECT: SPCA OF WESTCHESTER 590 NORTH STATE ROAD TOWN OF OSSINING WESTCHESTER COUNTY - NEW YORK			
EROSION & SEDIMENT CONTROL PLAN			
HUDSON ENGINEERING & CONSULTING, P.C. 45 Knollwood Road - Suite 201 Elmsford, New York 10523 T: 914-909-0420 F: 914-560-2086 © 2018			
Date: 2/27/18 Scale: 1" = 30' Designed By: D.C. Checked By: M.S. Sheet No. 4			
C-4			





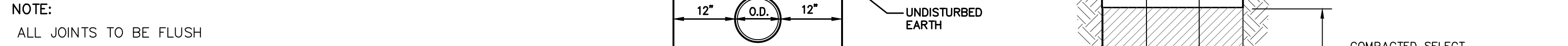
NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

CONCRETE CURB



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

SHOULDER RESTORATION (N.T.S.)



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

ON-SITE TRENCH BEDDING



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

PRECAST DRAIN INLET



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

STANDARD CATCH BASIN TRAP - BY CAMPBELL FOUNDRY CO. PATTERN NUMBER 2564 OR APPROVED EQUAL



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

CONCRETE WALK



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

TRIANGULAR BOARD FENCE



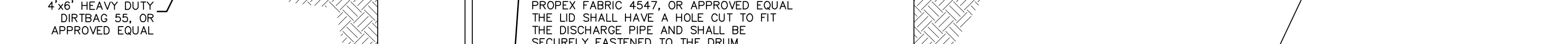
NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

SOIL STOCKPILING



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

STABILIZED CONSTRUCTION ENTRANCE



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

STONE & BLOCK DROP INLET PROTECTION



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

SEWER CLEANOUT DETAIL (GRAVITY)



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

CURTAIN DRAIN



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

TYPICAL DEWATERING SUMP



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

UNLOCK GRAVITY RETAINING WALL



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

FENCING AND ARMORING



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

CONCRETE CURB



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

SHOULDER RESTORATION (N.T.S.)



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

ON-SITE TRENCH BEDDING



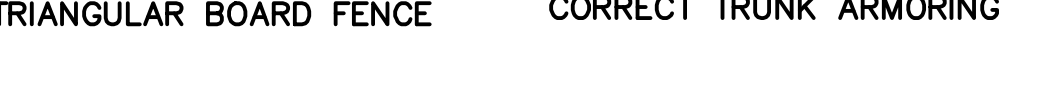
NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

PRECAST DRAIN INLET



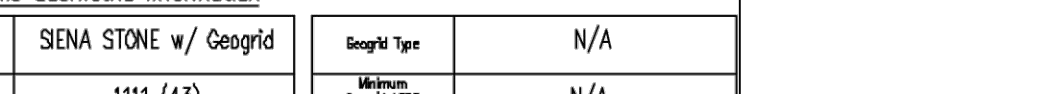
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STANDARD CATCH BASIN TRAP - BY CAMPBELL FOUNDRY CO. PATTERN NUMBER 2564 OR APPROVED EQUAL



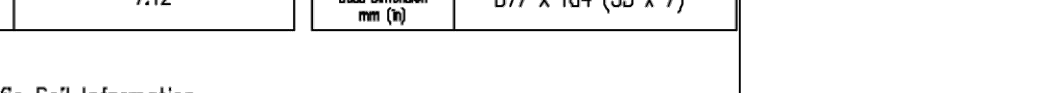
NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

CONCRETE WALK



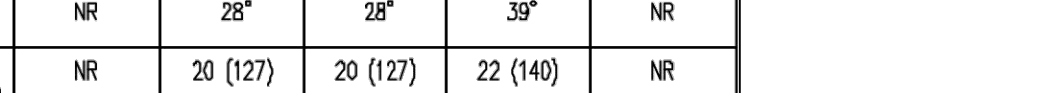
NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

TRIANGULAR BOARD FENCE



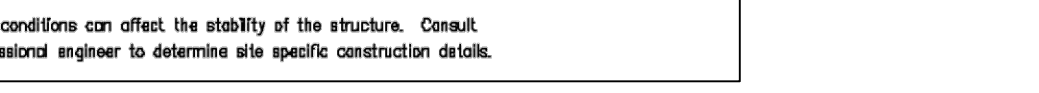
NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

SOIL STOCKPILING



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

STABILIZED CONSTRUCTION ENTRANCE



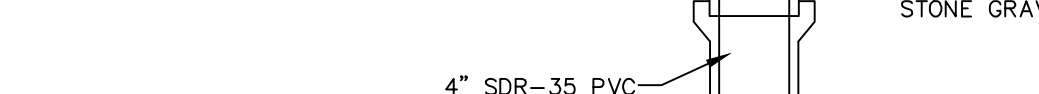
NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

STONE & BLOCK DROP INLET PROTECTION



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

SEWER CLEANOUT DETAIL (GRAVITY)



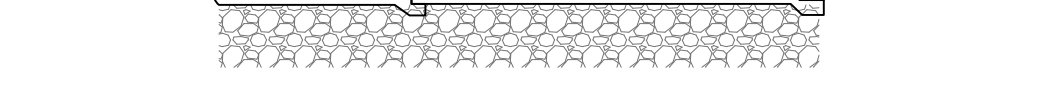
NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

CURTAIN DRAIN



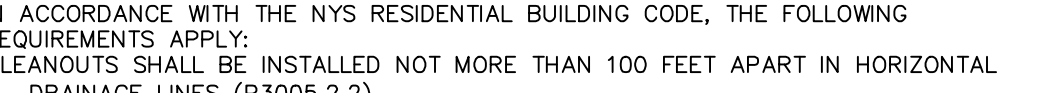
NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

TYPICAL DEWATERING SUMP



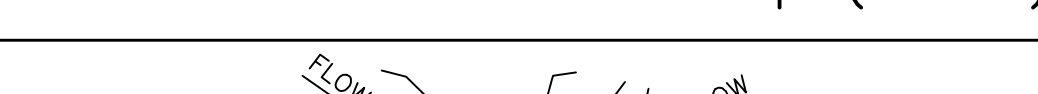
NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

UNLOCK GRAVITY RETAINING WALL



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

Catch Basin Sediment Trap (ST-III)



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

YARD DRAIN



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

CROSS SECTION



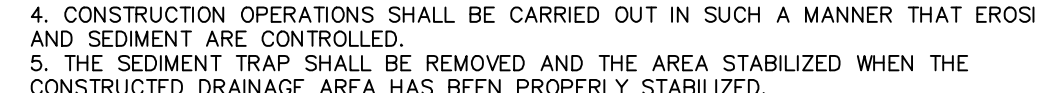
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CONSTRUCTION SPECIFICATIONS



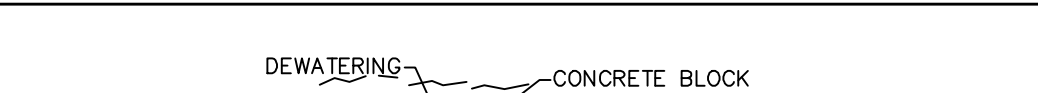
NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

STONE & BLOCK PLAN VIEW



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

TEMPORARY SEDIMENT POOL



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

STONE & BLOCK DETAIL



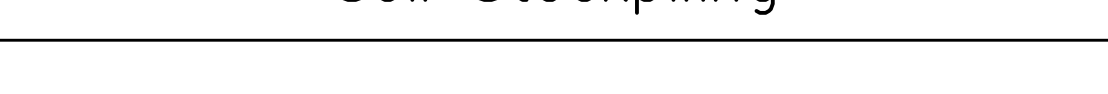
NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

CONSTRUCTION SPECIFICATION



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

Soil Stockpiling



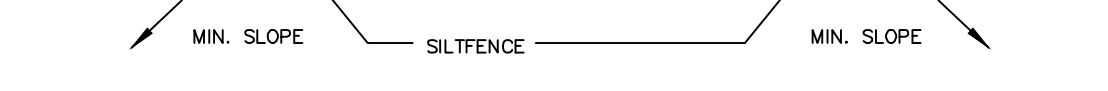
NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

STABILIZED CONSTRUCTION ENTRANCE



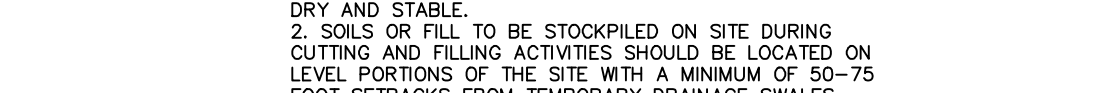
NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

STONE & BLOCK DROP INLET PROTECTION



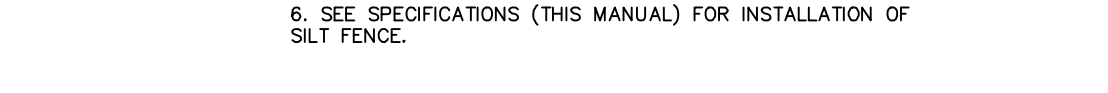
NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

SEWER CLEANOUT DETAIL (GRAVITY)



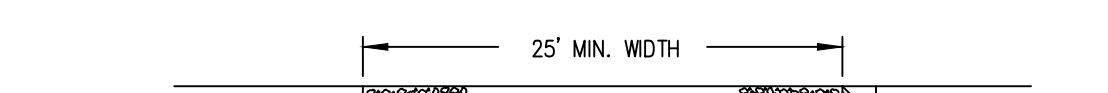
NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

CURTAIN DRAIN



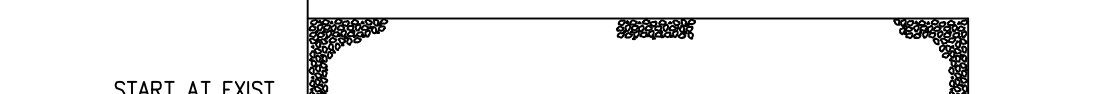
NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

TYPICAL DEWATERING SUMP



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

UNLOCK GRAVITY RETAINING WALL



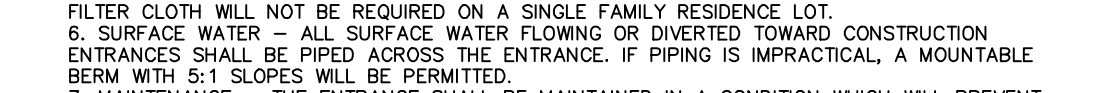
NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

SILT FENCE



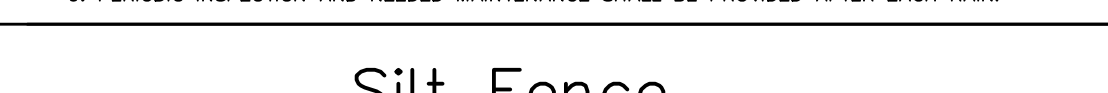
NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

TOP VIEW



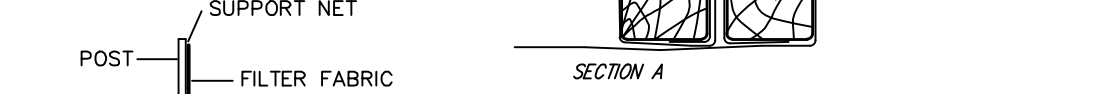
NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

JOINING SECTIONS OF FENCING



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

INSTALLATION NOTES



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

DETAILS



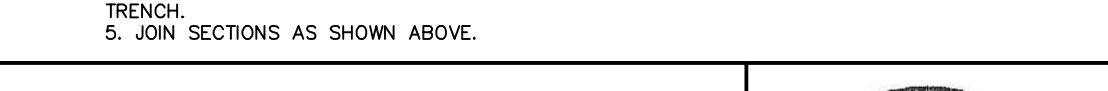
NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

HEC



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

HUDSON ENGINEERING CONSULTING, P.C.



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

CONSTRUCTION FENCE



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

CONSTRUCTION SPECIFICATION



NOTE: EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

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.

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 BE 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.

1. 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;

- 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 OSSINING AND THE NYSDEC. A SUMMARY OF THE SITE INSPECTION ACTIVITIES SHALL BE POSTED ON A MONTHLY BASIS IN A PUBLICLY ACCESSIBLE LOCATION AT THE SITE.

CONSTRUCTION SEQUENCING:

1. INSTALL CONSTRUCTION ENTRANCE TO THE DEVELOPMENT AREA.
2. ESTABLISH CONSTRUCTION STAGING AREA.
3. INSTALL TREE PROTECTION ON TREES AS NOTED ON PLANS.
4. SELECTIVE VEGETATION REMOVAL FOR SILT FENCE INSTALLATION.
5. INSTALL SILT FENCE DOWN SLOPE OF ALL AREAS TO BE DISTURBED AS SHOWN ON THE PLAN.
6. REMOVE TREES WHERE NECESSARY (CLEAR & GRUB) FOR THE PROPOSED CONSTRUCTION.

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

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:

DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPAULIN.

THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEEPED 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 THEREAFTER.

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

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 TYPE 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 SITE SUPERINTENDENT HAS HAD APPROPRIATE TRAINING FOR HAZARDOUS MATERIALS HANDLING, SPILL MANAGEMENT, AND CLEANUP.

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 RESPONSE.

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 NOTIFY THE SUPERINTENDENT AFTER THE SITUATION HAS BEEN STABILIZED.

ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.

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 SPILL. 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 USED IN SPILL RESPONSE ACTIVITIES.

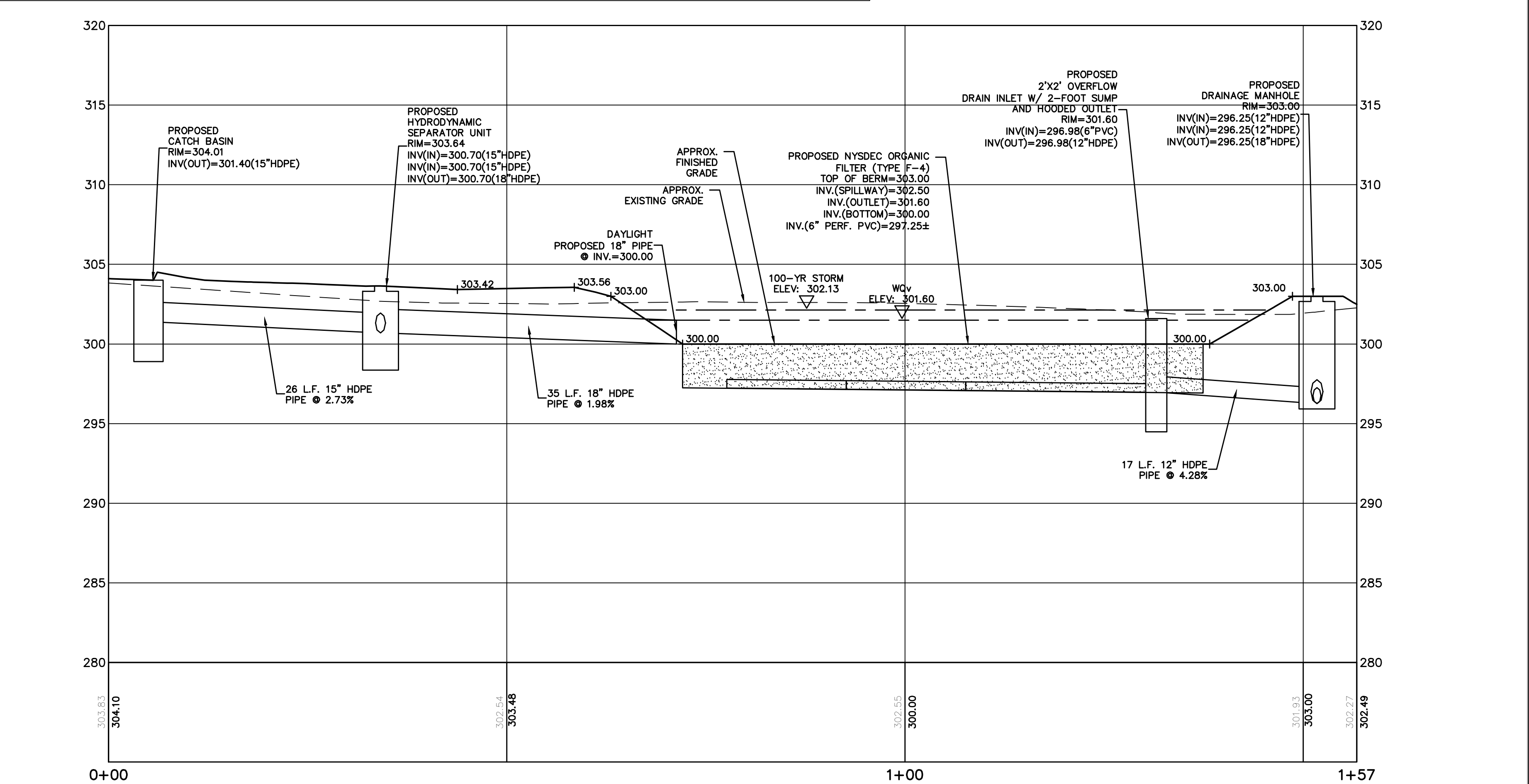
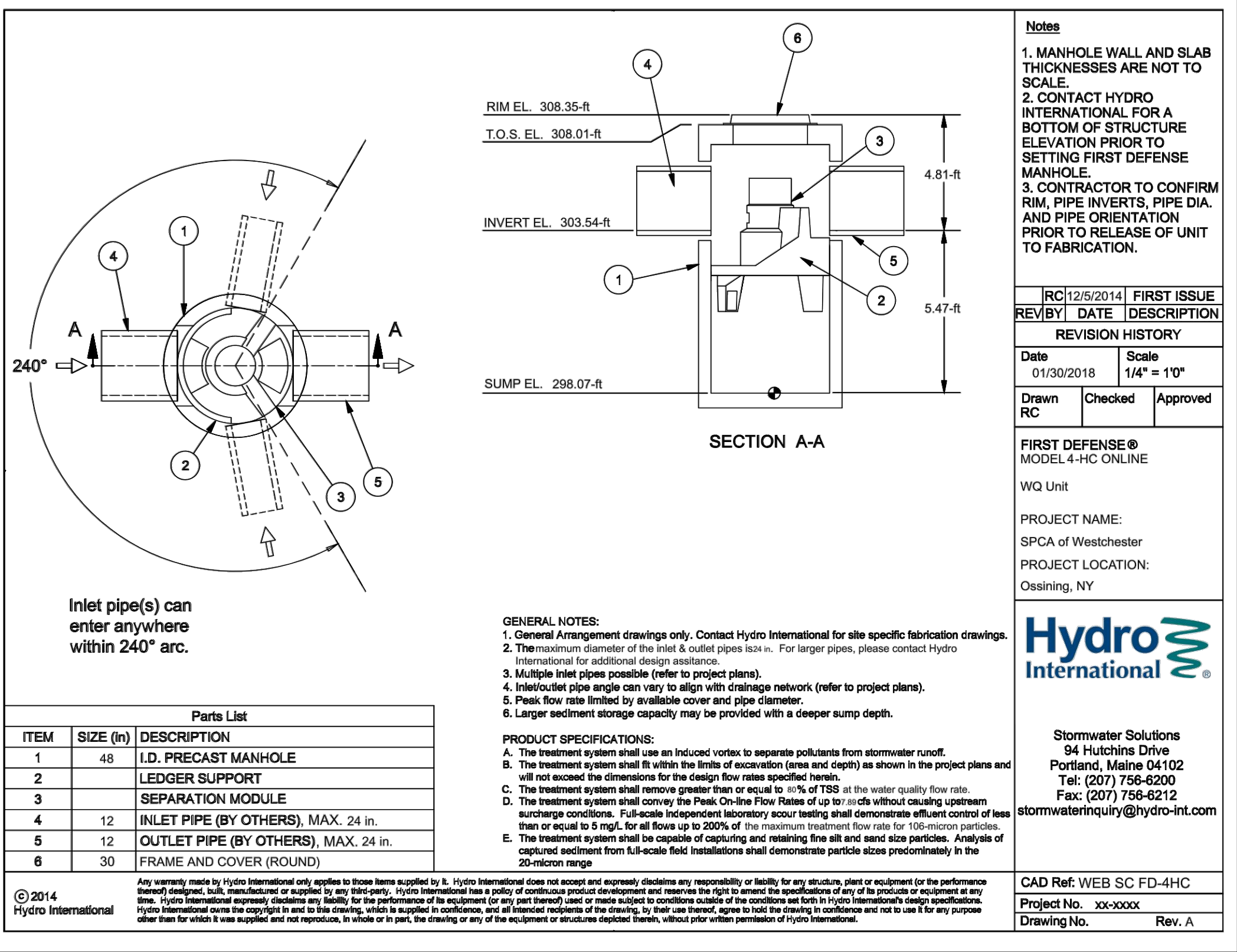
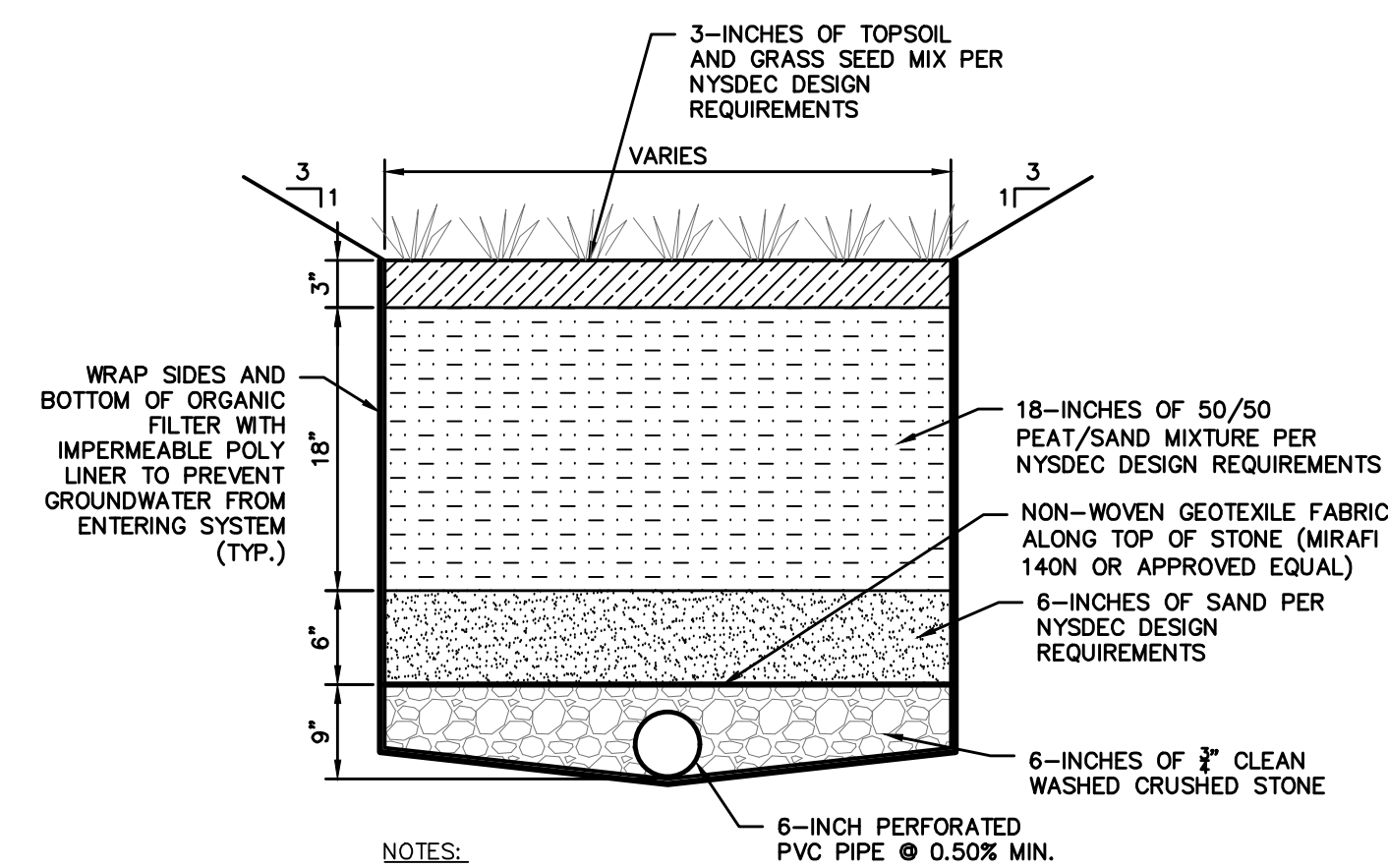
SPILL CONTROL NOTIFICATION:

ANY SPILL OF OIL OR HAZARDOUS SUBSTANCE TO WATERS OF THE STATE MUST BE REPORTED IMMEDIATELY BY TELEPHONE TO THE FOLLOWING AGENCIES:

- | | |
|---|--|
| <ul style="list-style-type: none"> • 911 - POLICE, FIRE AND EMS • TOWN OF OSSING BUILDING DEPARTMENT 101 ROUTE 9A OSSING, NY 10562 PHONE: (914) 941-3199 • BRIDGLIFF MANOR FIRE DEPARTMENT 111 PLEASANTVILLE ROAD BRIDGLIFF MANOR, NY 10510 PHONE: (914) 941-4440 • NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) SPIRIL REPORTING HOTLINE (800) 457-7362 • NATIONAL RESPONSE CENTER: (800) 424-8802 | <ul style="list-style-type: none"> • LOCAL EMERGENCY PLANNING COMMITTEE (LEPC) WESTCHESTER COUNTY OFFICE OF EMERGENCY MANAGEMENT 200 BRADSHAW AVENUE HAWTHORNE, NY 10532 (914) 864-5450 • WESTCHESTER COUNTY DEPARTMENT OF HEALTH (WCDOH) SPIRIL REPORTING HOTLINE (914) 813-5000 • U.S. ENVIRONMENTAL PROTECTION AGENCY (USEPA) EPCRA INFORMATION HOTLINE (800) 555-0202 • U.S. DEPARTMENT OF LABOR AND OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) TERRITORY, NY (914) 524-7510 |
|---|--|

MEASURE	DATES FOR INSPECTION	TIMING, ACTIVITY, AND LOCATION
GENERAL MAINTENANCE (STORM SEWER, CATCH BASINS/ DRAIN INLETS, MANHOLES, PRE-TREATMENT DEVICE AND INFILTRATION BASIN)	ALL	<p>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 AREAS EXHIBITING EROSION OF ANY KIND SHALL BE IMMEDIATELY RESTORED AND STABILIZED WITH VEGETATION, MULCH OR STONE, DEPENDING ON THE AREA TO BE STABILIZED.</p> <p>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.</p>
SUMPS – CATCH BASIN/DRAIN INLETS AND DRAIN MANHOLES	<p>UPON COMPLETION OF CONSTRUCTION:</p> <p>—ONCE A MONTH FOR THE FIRST THREE (3) MONTHS</p> <p>AFTER FIRST THREE (3) MONTHS:</p> <p>—EVERY FOUR (4) MONTHS THEREAFTER</p>	<p>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 HIS DULY AUTHORIZED REPRESENTATIVE, SHALL TAKE MEASUREMENTS OF THE SUMP DEPTH.</p> <p>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.</p> <p>THE USE OF ROAD SALT SHALL BE MINIMIZED FOR MAINTENANCE OF ROADWAY AND DRIVEWAY AREAS.</p>
HYDRODYNAMIC SEPARATOR	<p>UPON COMPLETION OF CONSTRUCTION:</p> <p>—QUARTERLY FOR FIRST YEAR:</p> <p>AFTER FIRST YEAR:</p> <p>—EVERY SIX (6) MONTHS THEREAFTER (SPRING & FALL)</p>	<p>THE HYDRODYNAMIC SEPARATOR DEVICE LOCATED ADJACENT TO THE NORTH WEST CORNER OF THE BUILDING 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 TANK WHEN AN APPROPRIATE LEVEL OF ACCUMULATED HYDROCARBONS AND TRASH HAS ACCUMULATED, WHICHEVER OCCURS FIRST.</p> <p>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.</p>
ORGANIC SURFACE FILTER (TYPE F-4)	<p>UPON COMPLETION OF CONSTRUCTION:</p> <p>—THREE TIMES PER GROWING SEASON BETWEEN THE BEGINNING OF SPRING & END OF FALL AND ONCE EACH WINTER</p>	<p>THE ORGANIC FILTER LOCATED DOWN SLOPE OF THE PARKING AREA SHALL BE MAINTAINED DURING DRY WEATHER CONDITIONS. SILT/SEDIMENT SHALL BE REMOVED FROM THE FILTER BED WHEN THE ACCUMULATION EXCEEDS ON INCH. WHEN THE FILTERING CAPACITY OF THE FILTER DIMINISHED SUBSTANTIALLY (I.E., WHEN WATER POUNDS ON THE SURFACE OF THE FILTER BED FOR MORE THAN 48-HOURS), THE TOP FEW INCHES OF DISCOLORED MATERIAL SHALL BE REMOVED AND SHALL BE REPLACED WITH FRESH MATERIAL. THE REMOVED SEDIMENTS SHALL BE DISPOSED IN AN ACCEPTABLE MANNER (I.E., LANDFILL).</p>

- DURING CONSTRUCTION, THE PARTY RESPONSIBLE FOR IMPLEMENTING THE TEMPORARY (DURING CONSTRUCTION) STORMWATER MANAGEMENT FACILITIES MAINTENANCE PROGRAM WILL BE THE CONTRACTOR. THE NAME AND CONTACT INFORMATION WILL BE FILED WITH THE TOWN OF YORKTOWN AND THE NYSDEC AT THE TIME OF THE PRE-CONSTRUCTION MEETING. THE PERMANENT MAINTENANCE PROGRAM FOR ALL NEW STORMWATER MANAGEMENT FACILITIES WILL BE MANAGED BY THE INDIVIDUAL HOMEOWNERS UPON COMPLETION OF CONSTRUCTION AND ACCEPTANCE OF THE IMPROVEMENTS.



HORIZONTAL SCALE: 1" = 10'
VERTICAL SCALE: 1" = 5'

10/9/18		10/9/18		PROJECT:		
PLANNING BOARD SUBMISSION		3/26/18		SPCA OF WESTCHESTER 590 NORTH STATE ROAD TOWN OF OSSING WESTCHESTER COUNTY – NEW YORK		
REVISED PER CLIENT MEETING		Date		DETAILS		
Description		Revision		THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEERS SEAL & SIGNATURE		
No.		1.		<div style="display: flex; align-items: center;"> <div style="font-size: 4em; margin-right: 10px;">H</div> <div style="font-size: 4em; margin-right: 10px;">E</div> <div style="font-size: 4em;">C</div> </div>		
2.				<div style="text-align: center;"> <h2 style="margin: 0;">HUDSON</h2> <hr style="border: 2px solid black; width: 100px; margin: 5px auto;"/> <h3 style="margin: 0;">ENGINEERING</h3> <p style="margin: 0;">& CONSULTING, P.C.</p> <p style="margin: 0;">45 Knollwood Road – Suite 201 Elmford, New York 10523</p> <p style="margin: 0;">T: 914-909-0420 F: 914-560-2086</p> </div>		
				Date: 02/09/18 Sheet: 6 Scale: N.T.S. Designed By: D.C. Checked By: M.S.		7
				Sheet No.		C-6
				© 2018		

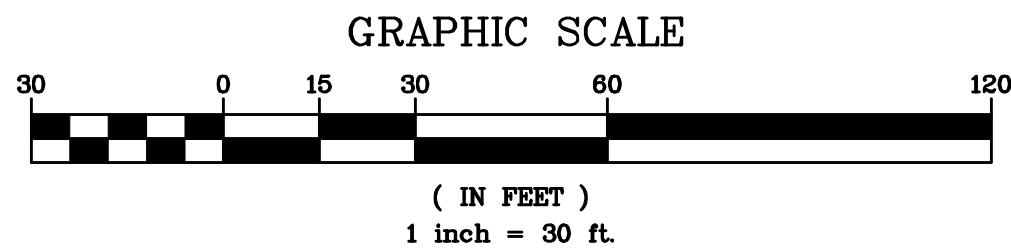


SLOPE ANALYSIS (ENTIRE SITE)				
NO.	MIN. SLOPE	MAX. SLOPE	AREA	COLOR
1	15%	25%	16161	
2	25%	35%	6969	
3	35%	Vertical	9804	

SLOPE ANALYSIS (LIMIT OF DISTURBANCE)				
NO.	MIN. SLOPE	MAX. SLOPE	AREA	COLOR
1	15%	25%	7480	
2	25%	35%	2267	
3	35%	Vertical	1920	

Tree Removal		
Tree No.	Species	Size
158	Ailanthus	15"
121	Ash	14"
87	B. Birch	8"
160	Cedar	6"
187	Cherry	10"
166	Cherry	16"
103	Cherry	16"
70	Elm	6"
85	Elm	6"
91	Elm	6"
157	Elm	6"
86	Elm	8"
98	Elm	8"
100	Elm	8"
71	Elm	10"
79	Elm	10"
77	Elm	11"
155	Fir	24"
156	Fir	30"
95	Hemlock	6"
96	Hemlock	6"
93	Hemlock	8"
94	Hemlock	8"
74	Locust	10"
84	Locust	10"
72	Locust	11"
82	Locust	11"
99	Locust	11"
92	Locust	12"
97	Locust	12"
75	Locust	14"
90	Locust	14"
89	Locust	18"
188	Maple	6"
67	Maple	7"
78	Maple	7"
81	Maple	7"
80	Maple	8"
102	Maple	10"
189	Maple	10"
120	Maple	12"
159	Maple (poor)	14"
76	tw. Maple	14"
124	Maple	18"
150	Maple	18"
164	Maple	18"
125	Maple	24"
165	Maple	24"
83	Maple	29"
153	tri. Maple	12", 15" 18"
64	tw. Maple	6"-16"
119	tw. Maple	6"-18"
167	quad. Maple	8"-16"
162	Tamarack	16"
118	Tulip	6"
Total Number of Trees Being Removed		55

EXISTING INFORMATION SHOWN HEREON
HAS BEEN PROVIDED BY SUMMIT LAND
SURVEYORS, DATED JANUARY 31, 2016



THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEER'S SEAL & SIGNATURE

HEC

PROJECT: SPCA OF WESTCHESTER
590 NORTH STATE ROAD
TOWN OF OSSINING
WESTCHESTER COUNTY – NEW YORK

SLOPE ANALYSIS &
TREE REMOVAL PLAN

HUDSON
ENGINEERING
CONSULTING, P.C.
45 Knollwood Road - Suite 201
Elmsford, New York 10523
T: 914-909-0420
F: 914-560-2086
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STATE OF NEW YORK
MICHAEL J. STERN
No. 60857
LICENSED PROFESSIONAL ENGINEER

Date: 10/9/18
Scale: 1" = 30'
Designed By: D.C.
Checked By: M.S.
Sheet No. 7

SA-1

ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.