

JOHN COLANGELO FEATHERBED PROPERTIES 1133 WESTCHESTER AVENUE SUITE N-006 WHITE PLAINS, NEW YORK, 10604 1805 JACOB ROAD

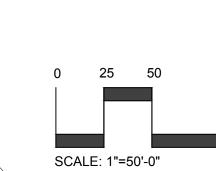
YORKTOWN HEIGHTS, NEW YORK, 10598 R1-160/ R1 - 40, ONE-FAMILY RESIDENTIAL FLEXIBILITY STANDARDS SECTION 35.16, BLOCK 1, LOT 4 53.5 ACRES (2,330,460 SF) SUBSURFACE SEWAGE DISPOSAL PUBLIC WATER FACILITIES

ZONING DISTRICT: R1-160/ R1- 40, ONE-FAMILY RESIDENTIAL			FLEXIBILTY STANDA
DIMENSIONAL REGULATIONS:	REQUIRED R1- 160	REQUIRED R1 - 40	<u>PROPOSED</u>
MINIMUM SIZE OF LOT:			
MINIMUM LOT AREA:	160,000 SF.	40,000 SF.	40,000 SF.
MINIMUM LOT WIDTH:	200 FT.	150 FT.	AS PER PLAN
MINIMUM YARD DIMENSIONS:			
PRINCIPAL BUILDING:			
FRONT YARD SETBACK:	75 FT.	50 FT.	50 FT.
REAR YARD SETBACK:	75 FT.	50 FT.	50 FT.
ONE SIDE YARD SETBACK:	30 FT.	20 FT.	20 FT.
COMBINED SIDE YARD SETBACK:	80 FT.	50 FT.	50 FT.
ACCESSORY BUILDINGS:			
FRONT YARD SETBACK:	75 FT.	50 FT.	50 FT.
REAR YARD SETBACK:	10 FT.	10 FT.	10 FT.
ONE SIDE YARD SETBACK:	30 FT.	30 FT.	30 FT.
COMBINED SIDE YARD SETBACK:	80 FT.	50 FT.	50 FT.
MAXIMUM BUILDING COVERAGE OF			
ACTUAL LOT AREA (ALL BUILDINGS):	10% OF LOT AREA	10% OF LOT AREA	10% OF LOT AREA
MAXIMUM HEIGHT:			
PRINCIPAL BUILDING - FEET:	35 FEET	35 FEET	35 FEET
PRINCIPAL BUILDING - STORIES:	3 1/2	3 1/2	3 1/2
ACCESSORY BUILDING - FEET:	15 FEET	15 FEET	15 FEET
ACCESSORY BUILDING - STORIES:	1 1/2	1 1/2	1 1/2

LEGEND

---222 --- EXISTING GRADING 200 — PROPOSED GRADING PROPERTY LINE / RIGHT OF WAY PROPOSED ROAD CENTERLINE

PROPOSED EDGE OF PAVEMENT EXISTING STONE WALL

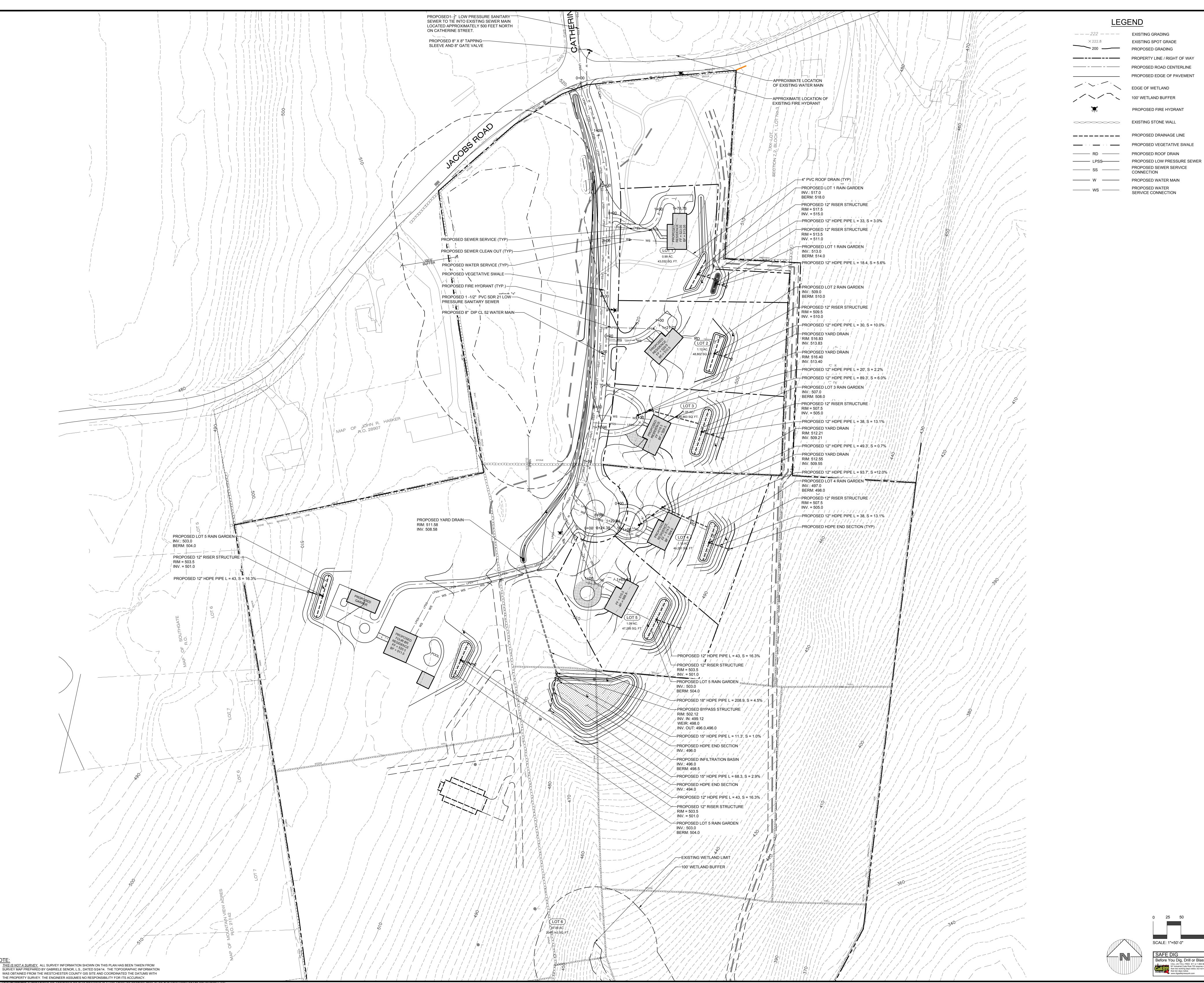


EXISTING SPOT GRADE





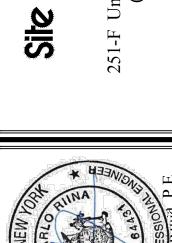


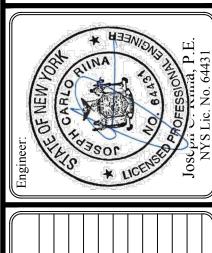


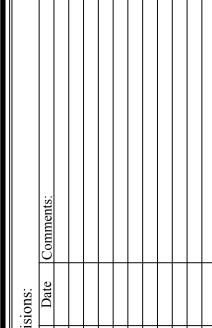


EXISTING SPOT GRADE

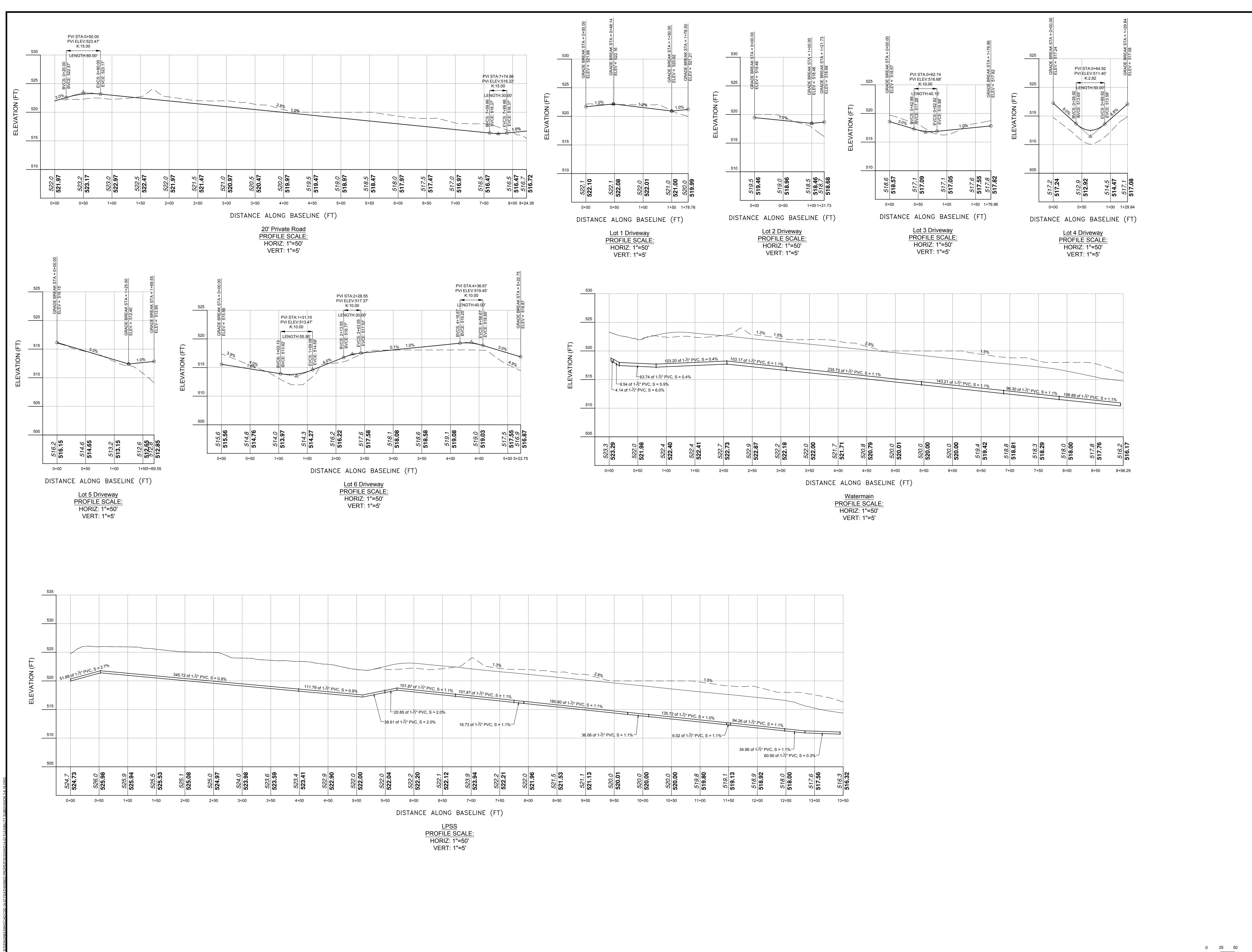
PROPOSED VEGETATIVE SWALE PROPOSED SEWER SERVICE

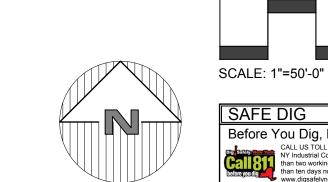






Before You Dig, Drill or Blast!





PROFIL]

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SCALE: 1"=50'-0" SAFE DIG

Before You Dig, Drill or Blast!

THIS IS NOT A SURVEY. ALL SURVEY INFORMATION SHOWN ON THIS PLAN HAS BEEN TAKEN FROM SURVEY MAP PREPARED BY GABRIELE SENOR, L.S., DATED 5/24/14. THE TOPOGRAPHIC INFORMATION WAS OBTAINED FROM THE WESTCHESTER COUNTY GIS SITE AND COORDINATED THE DATUMS WITH THE PROPERTY SURVEY. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

- 1. THE ENGINEER WHOSE SEAL APPEARS HEREON IF NOT RETAINED FOR SUPERVISION OF CONSTRUCTION, IS NOT RESPONSIBLE FOR CONSTRUCTION AND THEREFORE ASSUMES NO RESPONSIBILITY FOR CONSTRUCTION PRACTICES, PROCEDURES, AND RESULTS THEREFROM.
- 2. THE ENGINEER SHALL NOT BE HELD RESPONSIBLE OR HELD ACCOUNTABLE FOR THE INTEGRITY OF ANY STRUCTURES CONSTRUCTED OR UNDER CONSTRUCTION PRIOR TO THE APPROVAL OF THE PLANS. 3. ALL WORK IS TO BE IN ACCORDANCE WITH THE YORKTOWN TOWN CODE AND NEW YORK STANDARDS AND SPECIIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
- 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 WHOSE SEAL APPEARS ON THESE DRAWINGS. ANY
- SUCH CHANGES SHALL BE FILED AS AMENDMENTS TO THE STORMWATER POLLUTION PREVENTION PLAN. 6. ALL WRITTEN DIMENSIONS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER ANY SCALED DIMENSIONS. 7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CALL IN A "CODE 753" PRIOR TO CONSTRUCTION FOR UNDERGROUND UTILITY
- LOCATIONS
- 8. SUBSTRUCTURES AND THEIR ENCROACHMENTS BELOW GRADE, IF ANY, ARE NOT SHOWN. 9. ANY PROPOSED ELECTRIC AND/OR TELEPHONE SERVICE LINES ARE TO BE PLACED UNDERGROUND.
- 10. THE DESIGN ENGINEER DISCLAIMS ANY LIABILITY FOR DAMAGE OR LOSS INCURRED DURING OR AFTER CONSTRUCTION. 11. ALL CONDITIONS, LOCATIONS AND DIMENSIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR AND THE OWNER/ENGINEER NOTIFIED IN WRITING OF ANY DISCREPANCIES PRIOR TO THE START OF WORK. THE OWNER/ENGINEER WILL EVALUATE THE SITUATION AND MODIFY THE PLAN AS NECESSARY.

CONTRACTOR RESPONSIBILITIES:

- 1. ALL WORK ON THE PROJECT SHALL BE PERFORMED IN A WORKMAN LIKE MANNER AND SHALL BE IN ACCORDANCE WITH THE STANDARDS OF THE INDUSTRY. THE OWNER WILL BE THE SOLE JUDGE OF THE ACCEPTABILITY OF THE WORK. MATERIALS AND WORK DEEMED UNACCEPTABLE WILL BE REMOVED AND REDONE AT THE SOLE COST AND RESPONSIBILITY OF THE CONTRACTOR.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT HIS WORK AND WILL BE HELD RESPONSIBLE FOR CONSEQUENTIAL DAMAGES DUE TO HIS ACTIVITIES. THE CONTRACTOR SHALL BE RESPONSIBLE TO THE OWNER FOR THE ACTS AND OMISSIONS OF HIS EMPLOYEE. AND THEIR AGENTS AND EMPLOYEES. AND ANY OTHER PERSONS PERFORMING ANY OF THE WORK UNDER A SEPARATE CONTRACT WITH THE CONTRACTOR.
- 3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROPERLY SHORE EXISTING UTILITIES IF REQUIRED BY CONSTRUCTION. 4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE THE TOWN ENGINEER IN ADVANCE OF HIS WORK OR AS THE
- INSPECTOR DEFMS APPROPRIATE 5. ALL CONDITIONS, LOCATIONS AND DIMENSIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR AND THE OWNER/ENGINEER
- NOTIFIED IN WRITING OF ANY DISCREPANCIES PRIOR TO THE START OF WORK. THE OWNER/ENGINEER WILL EVALUATE THE SITUATION AND MODIFY THE PLAN AS NECESSARY. 6. ALL CHANGES MADE TO THIS PLAN SHALL BE APPROVED BY THE ENGINEER WHOSE SEAL APPEARS ON THESE DRAWINGS. ANY
- EDUCATION LAW 7. 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

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- ALL PORTIONS OF THE WORK UNDER THIS CONTRACT. 8. THE CONTRACTOR SHALL BE RESPONSIBLE TO THE OWNER FOR THE ACTS AND OMISSIONS OF HIS EMPLOYEES. SUBCONTRACTORS, AND THEIR AGENTS AND EMPLOYEES, AND ANY OTHER PERSONS PERFORMING ANY OF THE WORK UNDER A CONTRACT WITH THE CONTRACTOR.
- 9. THE CONTRACTOR SHALL VERIFY ALL SUBSTRUCTURES ENCOUNTERED DURING CONSTRUCTION. 10. THE CONTRACTOR SHALL SECURE & PAY FOR A BUILDERS RISK POLICY TO COVER THE PERIOD OF CONSTRUCTION. THE ENGINEER & OWNER SHALL BE NAMED AS ADDITIONAL INSURED. ALL CONTRACTORS EMPLOYED AT THE SITE SHALL BE COVERED BY

WORKMAN'S COMPENSATION.

- 1. THE CONTRACTOR SHALL REQUEST A BENCH MARK FROM THE SURVEYOR IN THE SAME DATUM AS THE DESIGN PLANS. 2. FINISHED GRADES SHALL BE OF SUCH ELEVATION THAT THE GROUND WILL SLOPE AWAY FROM IT IN ALL DIRECTIONS. 3. CONSTRUCTION ACTIVITY SHALL BE LIMITED FROM 8:00 A.M. TO 6 P.M., AND NO CONSTRUCTION ACTIVITY SHALL OCCUR ON SUNDAYS
- BETWEEN THE HOURS OF 8:00 A.M. AND 6:00 P.M. NO BLASTING SHALL OCCUR ON HOLIDAYS, SATURDAY OR SUNDAY. ALL BLASTING SHALL ALSO BE COMPLETED IN ACCORDANCE WITH THE TOWN OF YORKTOWN AND NEW YORK STATE BLASTING ORDINANCES. 4. ANY SOIL THAT IS UNSUITABLE FOR DEVELOPMENT OF BUILDINGS OR ROADWAYS SHALL BE REMOVED FROM AREAS TO BE DEVELOPED AND SHALL BE DISPOSED OF WITHIN THE SITE IN NEW EMBANKMENTS WHERE STRUCTURAL LOADING, I.E. A BUILDING OR ROADWAY. WILL NOT TAKE PLACE. WHEN CONSTRUCTION IS PROPOSED TO OCCUR IN SPECIFIC AREAS WHERE SOILS ARE OF QUESTIONABLE SUITABILITY, THE OWNER SHALL RETAIN A SOILS ENGINEERTO EVALUATEAND PREPARE A DESIGN FOR THE CONDITION.

OR LEGAL NEW YORK STATE HOLIDAYS. WHERE BLASTING IS NECESSARY, IT SHALL OCCUR FROM MONDAY THROUGH FRIDAY

5. ROCK CUT STABILITY IS TO BE FIELD VERIFIED BY A GEOTECHNICAL ENGINEER AND SHALL BE MODIFIED IF REQUIRED. 6. NO CRUSHING/PROCESSING IS PERMITTED ON THE SITE WITHOUT PRIOR APPROVAL BY THETOWN OF YORKTOWN PLANNING BOARD. 7. ALL DEMOLITION DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE, OR LOCAL STANDARDS. IF NECESSARY THE REMOVAL SHALL BE DONE BY A CONTRACTOR LICENSED TO REMOVE AND DISPOSE OF VARIOUS

GENERAL STORM DRAINAGE & UTILITY NOTES

- 1. ALL UTILITIES, INCLUDING ELECTRIC LINES, TELEPHONE, WATER, SANITARY SEWER LINES, AND STORM SEWER LINES SHALL BE LOCATED UNDERGROUND AND SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE TOWN OF YORKTOWN AND 4. LIME AS REQUIRED TO PH 6.5. THE UTILITY COMPANIES HAVING JURISDICTION.
- 2. LOCATION OF GAS AND WATER VALVES. ELECTRIC AND TELEPHONE POLES ARE TO BE DETERMINED BY PROPER AUTHORITIES AND APPROVED, AS TO LOCATION, BY THE TOWN ENGINEER.
- 3. EACH BUILDING CONSTRUCTED HEREON SHALL BE OF SUCH AN ELEVATION THAT THE GROUND WILL SLOPE AWAY FROM IT IN ALL DIRECTIONS. IN THE EVENT THAT THIS IS NOT FEASIBLE, THE CONTRACTOR SHALL INSTALL TYPICAL YARD DRAINS AS REQUIRED AND CONNECT THEM TO THE STORM DRAINAGE SYSTEM OR AS DIRECTED BY THE PROJECT ENGINEER. 4. ROOF LEADERS AND FOOTING DRAINS SHALL EMPTY INTO THE STORM DRAINAGE SYSTEM OR DISCHARGE DIRECTLY TO STORMWATER MANAGEMENT SYSTEMS IF GRADES PERMIT, AND CONNECTION TO THE STORM SYSTEM IS NOT FEASIBLE, FOOTING DRAINS ONLY MAY CEREAL OATS DISCHARGE TO DAYLIGHT. FOOTING DRAINS SHALL EXTEND A MINIMUM OF 30 FT. FROM THE REAR FACE OF THE BUILDING WHEN POSSIBLE. UNDER NO CIRCUMSTANCES SHALL THE DISCHARGE OF GROUND WATER OR STORM WATER. EITHER BY GRAVITY OR BY
- PUMPING, BE DISCHARGED TO ANY SANITARY SEWER SYSTEM. 5. ANY REVISIONS AND/OR ADDITIONS TO THE ROAD STORM DRAINAGE SYSTEMS CURRENTLY SHOWN ON THE PLANS WHICH ARE DEEMED NECESSARY DURING CONSTRUCTION MUST BE MADE BY THE CONTRACTOR AS REQUIRED BY THE TOWN AND SHALL BE SHOWN ON THE AS-BUILT DRAWINGS. 6. STORM DRAIN PIPING TO BE HIGH DENSITY POLYETHYLENE N12 WITH SMOOTH INTERIOR WALL AS SHOWN ON THE CONSTRUCTION
- DRAWINGS. MINIMUM COVER TO BE 2' UNLESS OTHERWISE NOTED. 7. INTERCEPTOR DRAINS ARE TO BE INSTALLED WHERE REQUIRED BY THE TOWN OR PROJECT ENGINEER DURING ROAD CONSTRUCTION. 8. ANY EXISTING UNDERGROUND DRAINS ENCOUNTERED DURING CONSTRUCTION OF PROPOSED ROADS ARE TO BE CONNECTED TO PROPOSED DRAINAGE IMPROVEMENTS. CONNECTIONS TO BE APPROVED BY THE TOWN ENGINEER.
- 9. PRIOR TO FINAL APPROVAL AND OPERATION OF DRAINAGE SYSTEM, CONTRACTOR SHALL CLEAR ALL ACCUMULATED SEDIMENT AND/OR DEBRIS FROM DRAINAGE STRUCTURES, MANHOLES, CULVERTS, OUTLETS AND DRAIN INLETS. ENGINEER SHALL BE NOTIFIED FOR FINAL INSPECTION.
- 10. ALL STRUCTURES SHALL BE SET ONE INCH BELOW PAVEMENT. 11. STREET OPENING PERMIT FROM THE TOWN OF YORKTOWN HIGHWAY DEPARTMENT SHALL BE REQUIRED FOR INSTALLATIONS IN PUBLIC ROADS.

GENERAL EROSION CONTROL NOTES

- OWNER/CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL SEDIMENT AND EROSION CONTROL PRACTICES. THE SEDIMENT AND EROSION CONTROL PRACTICES ARE TO BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCES, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED. ROAD SURFACE FLOWS FROM THE SITE SHOULD BE DISSIPATED WITH TRACKING PAD OR APPROPRIATE MEASURES DURING ADJACENT ROAD SHOULDER REGRADING. CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL DEVICES THROUGHOUT THE COURSE OF CONSTRUCTION. 2. CATCH BASIN INLET PROTECTION MUST BE INSTALLED AND OPERATING AT ALL TIMES UNTIL TRIBUTARY AREAS HAVE BEEN STABILIZED. WHEN POSSIBLE FLOWS SHOULD BE STABILIZED BEFORE REACHING INLET PROTECTION STRUCTURE. TIMELY MAINTENANCE OF SEDIMENT CONTROL STRUCTURES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- 3. ALL STRUCTURES SHALL BE MAINTAINED IN GOOD WORKING ORDER AT ALL TIMES. THE SEDIMENT LEVEL IN ALL SEDIMENT TRAPS SHALL BE CLOSELY MONITORED AND SEDIMENT REMOVED PROMPTLY WHEN MAXIMUM LEVELS ARE REACHED OR AS ORDERED BY THE ENGINEER. ALL SEDIMENT CONTROL STRUCTURES SHALL BE INSPECTED ON A REGULAR BASIS, AND AFTER EACH HEAVY RAIN TO INSURE PROPER OPERATION AS DESIGNED. AN INSPECTION SCHEDULE SHALL BE SET FORTH PRIOR TO THE START OF CONSTRUCTION.

4. THE LOCATIONS AND THE INSTALLATION TIMES OF THE SEDIMENT CAPTURING STANDARDS SHALL BE AS SPECIFIED IN

- THESE PLANS, AS ORDERED BY THE ENGINEER, AND IN ACCORDANCE WITH THE LATEST EDITION OF THE "NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL" (NYSSESC).
- ALL TOPSOIL SHALL BE PLACED IN A STABILIZED STOCKPILE FOR REUSE ON THE SITE. ALL STOCKPILE MATERIAL REQUIRED FOR FINAL GRADING AND STORED ON SITE SHALL BE TEMPORARILY SEEDED AND MULCHED WITHIN 7
- DAYS. REFER TO SOIL STOCKPILE DETAILS. 6. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 7 DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, SHALL RECEIVE TEMPORARY SEEDING WITH 24 HRS. MULCH SHALL BE USED IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER. DISTURBED AREAS SHALL NOT BE LIMED AND FERTILIZED PRIOR TO
- TEMPORARY SEEDING. 7. ALL DISTURBED AREAS WITHIN 500 FEET OF AN INHABITED DWELLING SHALL BE WETTED AS NECESSARY TO PROVIDE
- DUST CONTROL. 8. THE CONTRACTOR SHALL KEEP THE ROADWAYS WITHIN THE PROJECT CLEAR OF SOIL AND DEBRIS AND IS
- RESPONSIBLE FOR ANY STREET CLEANING NECESSARY DURING THE COURSE OF THE PROJECT. 9. SEDIMENT AND EROSION CONTROL STRUCTURES SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE DRAINAGE AREA HAS BEEN PROPERLY STABILIZED BY PERMANENT MEASURES.
- 10. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH CURRENT EDITION OF 11. ALL REGRADED AREAS MUST BE STABILIZED APPROPRIATELY PRIOR TO ANY ROCK BLASTING, CUTTING, AND/OR FILLING OF SOILS. SPECIAL CARE SHOULD BE TAKEN DURING CONSTRUCTION TO INSURE STABILITY DURING
- MAINTENANCE AND INTEGRITY OF CONTROL STRUCTURES. 12. TO PREVENT HEAVY CONSTRUCTION EQUIPMENT AND TRUCKS FROM TRACKING SOIL OFF-SITE, CONSTRUCT A PERVIOUS CRUSHED STONE PAD. LOCATE AND CONSTRUCT PADS AS DETAILED IN THESE PLANS.
- 13. CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST BY SPRINKLING EXPOSED SOIL AREAS PERIODICALLY WITH WATER AS REQUIRED. CONTRACTOR TO SUPPLY ALL EQUIPMENT AND WATER. 14. CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION INSPECTIONS AS PER NYSDEC GP-0-15-002 AND TOWN OF
- MAINTENANCE OF TEMPORARY EROSION AND SEDIMENT CONTROL STRUCTURES N.Y.S.D.E.C. GP-0-15-002 EXPOSURE RESTRICTIONS - STATES THAT ANY EXPOSED EARTHWORK SHALL BE STABILIZED IN ACCORDANCE WITH THE GUIDELINES OF THIS PLAN.
- 1. TREES AND VEGETATION SHALL BE PROTECTED AT ALL TIMES AS SHOWN ON THE DETAIL DRAWING AND AS DIRECTED BY THE ENGINEER.
- 2. CARE SHOULD BE TAKEN SO AS NOT TO CHANNEL CONCENTRATED RUNOFF THROUGH THE AREAS OF CONSTRUCTION ACTIVITY ON THE SITE. 3. FILL AND SITE DISTURBANCES SHOULD NOT BE CREATED WHICH CAUSES WATER TO POND OFF SITE OR ON
- ADJACENT PROPERTIES. 4. RUNOFF FROM LAND DISTURBANCES SHALL NOT BE DISCHARGED OR HAVE THE POTENTIAL TO DISCHARGE OFF SITE WITHOUT FIRST BEING INTERCEPTED BY A CONTROL STRUCTURE, SUCH AS A SEDIMENT TRAP OR SILT FENCE. SEDIMENT SHALL BE REMOVED BEFORE EXCEEDING 50% OF THE RETENTION STRUCTURE'S CAPACITY. 5. FOR FINISHED GRADING, ADEQUATE GRADE SHALL BE PROVIDED SO THAT WATER WILL NOT POND ON LAWNS FOR
- HOURS AFTER RAINFALL. 3. ALL SWALES AND OTHER AREAS OF CONCENTRATED FLOW SHALL BE PROPERLY STABILIZED WITH TEMPORARY CONTROL MEASURES TO PREVENT EROSION AND SEDIMENT TRAVEL. SURFACE FLOWS OVER CUT AND FILL AREAS

MORE THAN 24 HOURS AFTER RAINFALL, EXCEPT IN SWALE FLOW AREAS WHICH MAY DRAIN FOR AS LONG AS 48

SHALL BE STABILIZED AT ALL TIMES. ALL SITES SHALL BE STABILIZED WITH EROSION CONTROL MATERIALS WITHIN 7 DAYS OF FINAL GRADING.

8. TEMPORARY SEDIMENT TRAPPING DEVICES SHALL BE REMOVED FROM THE SITE WITHIN 30 DAYS OF FINAL

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STABILIZATION. 9. THE OWNER OR OPERATOR SHALL HAVE A QUALIFIED INSPECTOR CONDUCT AT LEAST TWO (2) SITE INSPECTIONS IN ACCORDANCE WITH PART IV.C. OF THIS PERMIT EVERY SEVEN (7) CALENDAR DAYS, FOR AS LONG AS GREATER THAN FIVE (5) ACRES OF SOIL REMAIN DISTURBED. THE TWO (2) INSPECTIONS SHALL BE SEPARATED BY A MINIMUM OF TWO (2) FULL CALENDAR DAYS.

MAINTENANCE SCHEDULE

	DAILY	WEEKLY	MONTHLY	AFTER RAINFALL	NECESSARY TO MAINTAIN FUNCTION	AFTER APPROVAL OF INSPECT
SILT FENCE			INSP.	INSP.	CLEAN/ REPLACE	REMOVE
WATER BARS		INSP.	INSP.	CLEAN	REPLACE	REMOVE
INLET PROTECTION		INSP.	INSP.	CLEAN	REPLACE	REMOVE
STABILIZED CONST. ENT.	CLEAN	INSP.			REPLACE	REMOVE

MAINTENANCE OF PERMANENT CONTROL STRUCTURES DURING CONSTRUCTION

THE STORMWATER MANAGEMENT SYSTEM AND OUTLET STRUCTURE SHALL BE INSPECTED AT THE REQUIRED INTERVAL AND AFTER EVERY RAINFALL EVENT. SEDIMENT BUILD UP SHALL BE REMOVED FROM THE INLET PROTECTION TO INSURE DETENTION. CAPACITY AND PROPER DRAINAGE. OUTLET STRUCTURE SHALL BE FREE OF OBSTRUCTIONS. ALL PIPING AND DRAIN INLETS SHALL BE FREE OF OBSTRUCTION. ANY SEDIMENT BUILD UP SHALL BE MAINTENANCE OF CONTROLS AFTER CONSTRUCTION

CONTROLS (INCLUDING RESPECTIVE OUTLET STRUCTURES) SHOULD BE INSPECTED WEEKLY FOR THE FIRST FEW MONTHS AFTER CONSTRUCTION AND

ON AN ANNUAL BASIS THEREAFTER. THEY SHOULD ALSO BE INSPECTED AFTER MAJOR STORM EVENTS. TWICE A YEAR, INSPECT OUTLET STRUCTURE AND DRAIN INLETS FOR ACCUMULATED DEBRIS. ALSO, REMOVE ANY ACCUMULATIONS DURING EACH MOWING OPERATION.

OUTLET STRUCTURE MUST BE INSPECTED TWICE A YEAR FOR EVIDENCE OF STRUCTURAL DAMAGE AND REPAIRED IMMEDIATELY. UNSTABLE AREAS TRIBUTARY TO THE BASIN SHALL BE STABILIZED WITH VEGETATION OR OTHER APPROPRIATE EROSION CONTROL MEASURES WITHIN 24

SEDIMENT REMOVAL SEDIMENT SHOULD BE REMOVED AFTER IT HAS REACHED A MAXIMUM DEPTH OF FIVE INCHES ABOVE THE STORMWATER MANAGEMENT SYSTEM FLOOR.

EXISTING TOPSOIL WILL BE REMOVED AND STORED IN PILES SUFFICIENTLY AS TO AVOID MIXING WITH OTHER EXCAVATION. STOCKPILES SHALL BE SURROUNDED BY EROSION CONTROL AS OUTLINED ON THESE PLANS. THE FURNISHING OF NEW TOPSOIL SHALL BE OF A BETTER OR EQUAL TO THE FOLLOWING CRITERIA (SS713.01 NYSDOT)

- 1. THE PH OF THE MATERIAL SHALL BE 5.5 TO 7.6. 2. THE ORGANIC CONTENT SHALL NOT BE LESS THAN 2% OR MORE THAN 70%.
 - 2 INCH 1 INCH 85 TO 100 1/4 INCH 65 TO 100 NO. 200 MESH 20 TO 80

3. GRADATION: <u>SIEVE SIZE</u> <u>% PASSING BY WGT.</u>

PERMANENT VEGETATIVE COVER

STRUCTURAL REPAIR/REPLACEMENT:

- SITE PREPARATION: 1.1. INSTALL EROSION CONTROL MEASURES. 1.2. TILL OR AERATE COMPACTED SOIL AREAS TO AT LEAST 12".
- 1.3. LIME AS REQUIRED TO PH 6.5. 1.4. FERTILIZE WITH 10-6-4 4 LBS/1,000 S.F.
- 1.5. INCORPORATE AMENDMENTS INTO SOIL WITH DISC HARROW. 2 SEED MIXTURES FOR USE ON SWALES AND CUT AND FILL AREAS

SEED MIXTURES FOR USE ON SWALES AND CUT AND FILL AREAS.				
MIXTURE		LBS./ACRE		
ALT. A	KENTUCKY BLUE GRASS	20		
	CREEPING RED FESCUE	28		
	RYE GRASS OR REDTOP	5		
ALT. B	CREEPING RED FESCUE	20		
	REDTOP	2		
	TALL FESCUE/SMOOTH BLOOMGRASS	20		

- SEEDING 3.1. PREPARE SEED BED BY RAKING TO REMOVE STONES, TWIGS, ROOTS AND OTHER FOREIGN MATERIAL
- 3.2. APPLY SOIL AMENDMENTS AND INTEGRATE INTO SOIL. 3.3. APPLY SEED UNIFORMLY BY CYCLONE SEEDER CULTI-PACKER OR HYDRO-SEEDER AT RATE INDICATED. 3.4. STABILIZE SEEDED AREAS IN DRAINAGE SWALES.
- 3.5. IRRIGATE TO FULLY SATURATE SOIL LAYER. BUT NOT TO DISLODGE PLANTING SOIL.
- 3.6. SEED BETWEEN APRIL 1ST AND MAY 15TH OR AUGUST 15TH AND OCTOBER 15TH. 3.7. SEEDING MAY OCCUR MAY 15TH AND AUGUST 15TH IF ADEQUATE IRRIGATION IS PROVIDED.

TEMPORARY VEGETATIVE COVER

- SITE PREPARATION: INSTALL EROSION CONTROL MEASURES.
- 2. SCARIFY AREAS OF COMPACTED SOIL. 3. FERTILIZE WITH 10-10-10 AT 400/ACRE.

SEED SPECIES: RAPIDLY GERMINATING ANNUAL RYEGRASS (OR APPROVED EQUAL) PERENNIAL RYEGRASS

SAME AS PERMANENT VEGETATIVE COVER

POST CONSTRUCTION MAINTENANCE SCHEDULE

Control to be Inspected	Inspection Frequency	Maintenance Threshold Criteria	Maintenance Procedure
Drain Inlets	Quarterly	3" + Accumulated Sediment	Remove debris and sediment annually.
Infiltration Basin	Bi-annually	Debris Leaves and Sediment at 5%	Cut Grass – Remove debris and leaves
Downstream Defender	Bi-annually	Sediment at 25%	Remove debris and sediment annually; flush and vacuum
Rain Garden	Quarterly	Ponding for more than 48 hrs	Remove accumulated sediment and debris; weed and replace plants and mulch as needed.
wale and Channels Semi-Annually Debris and Lea		Debris and Leaves	Remove Debris and Sediment Annually

WATERMAIN NOTE

. DISTRIBUTION SYSTEM - WATERMAIN

- A. GENERAL
- THE CONTRACTOR SHALL PERFORM THE NECESSARY EXCAVATION, BACKFILLING, CLEARING, GRUBBING, SHEETING, SHORING, DO ALL SHAPING OF TRENCHES, PUMPING AND BAILING, LAYING AND JOINING OF ALL PIPES, PROTECT AND SUPPORT EXISTING STRUCTURES AND REPAIR THEM, IF DAMAGED, AND ALL ELSE NECESSARY TO COMPLETE THE WORK.
- THE CONTRACTOR SHALL FURNISH ALL MATERIALS, EQUIPMENT, LABOR, AND TOOLS NECESSARY TO COMPLETE THE WORK IN A SAFE, NEAT, AND WORKMANLIKE MANNER.
- B. SITE AND ACCESS CLEARING (WITHIN EASEMENTS)
- THE CONTRACTOR SHALL CONFINE ALL CLEARING OPERATIONS TO WITHIN THE IMMEDIATE AREAS THAT ARE ESSENTIAL FOR CONSTRUCTION OF THE WORK.
- C. STOCKPILING OF SUITABLE BACKFILL MATERIAL
- THE CONTRACTOR SHALL BE PREPARED WHEN EXCAVATING THE TRENCH TO SEPARATE SUITABLE BACKFILL MATERIAL FROM UNSUITABLE MATERIAL FOR USE AS BACKFILL ADJACENT TO THE PIPE. D. PROTECTION OF EXISTING STRUCTURES AND UTILITIES
- SPECIAL PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT OVERHEAD POWER LINES, WATERMAINS, GAS MAINS, ELECTRIC AND TELEPHONE CONDUITS, STORM AND SANITARY SEWERS, CULVERTS, BUILDINGS AND OTHER EXISTING STRUCTURES IN AND NEAR THE EXCAVATION. IN ALL CASES, WHETHER UNDERGROUND STRUCTURES HAVE OR HAVE NOT BEEN DELINEATED. THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED, REPRESENTATIVE ACCEPTS NO RESPONSIBILITY FOR THEIR LOCATION. 'UNDERGROUND UTILITIES" LOCATES EXISTING UNDERGROUND UTILITIES FREE OF CHARGE. THE PHONE NUMBER IS
- GUTTERS, SEWERS, DRAINS AND DITCHES SHALL BE KEPT OPEN AT ALL TIMES FOR SURFACE DRAINAGE. NO DAMMING OR PONDING OF WATER IN GUTTERS OR OTHER WATERWAYS WILL BE PERMITTED EXCEPT WHERE STREAM CROSSINGS ARE NECESSARY AND THEN ONLY TO AN EXTENT WHICH THE TOWN ENGINEER. WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE SHALL CONSIDER NECESSARY. THE CONTRACTOR SHALL NOT DIRECT ANY FLOW OF WATER ACROSS OR OVER PAVEMENTS EXCEPT THROUGH APPROVED PIPES OR PROPERLY CONSTRUCTED TROUGHS OF SUCH SIZES AND LENGTHS AS MAY BE REQUIRED. AND PLACE THE SAME AS DIRECTED. THE GRADING IN THE VICINITY OF TRENCHES SHALL BE CONTROLLED SO THAT THE GROUND SURFACE IS PROPERLY PITCHED TO PREVENT WATER RUNNING IN THE TRENCHING. THE CONTRACTOR SHALL NOT COMMENCE OPERATIONS INVOLVING ANY PUBLIC UTILITY BEFORE HAVING GIVEN WRITTEN NOTICE TO THE COMPANY OR OWNER, OR ITS AGENTS, AND SHALL COOPERATE WITH THE COMPANY'S OR OWNER'S FORCES IN PROTECTING AND
- PREVENTING DAMAGE TO THE PROPERTY. THE CONTRACTOR WILL. AT HIS OWN EXPENSE, BE RESPONSIBLE FOR DIRECT OR INDIRECT. DAMAGE THAT MAY BE DONE TO ANY UTILITY OR STRUCTURE IN THE PROSECUTION OF HIS WORK. THE LIABILITY OF THE CONTRACTOR IS ABSOLUTE AND IS NOT DEPENDENT UPON ANY QUESTIONS OF NEGLIGENCE ON HIS PART OR ON THE PART OF HIS AGENT, OR EMPLOYEES, AND THE NEGLECT OF THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE TO DIRECT THE CONTRACTOR TO TAKE ANY PARTICULAR PRECAUTION OR TO REFRAIN FROM DOING SUCH DAMAGE.

SHOULD THE POSITION OF ANY PIPE, CONDUIT, POLE OR OTHER STRUCTURES, ABOVE OR BELOW THE GROUND, BE SUCH AS TO REQUIRE ITS REMOVAL, REALIGNMENT, OR CHANGE DUE TO WORK TO BE DONE, REALIGNMENT OR CHANGE WILL BE DONE BY OR UNDER SUPERVISION OF THE OWNER OF THE OBSTRUCTIONS. THE CONTRACTOR SHALL UNCOVER AND SUSTAIN THE STRUCTURES, AFTER SUCH REALIGNMENT OR CHANGE.

- THE CONTACTOR SHALL NOT INTERFERE WITH ANY PERSONS. OR WITH THE OWNER IN PROTECTING, REMOVING, CHANGING OR REPLACING THEIR PIPES, CONDUITS. POLES OR OTHER STRUCTURES; BUT HE SHALL SUFFER SAID PERSONS OR THE OWNER TO TAKE ALL SUCH MEASURES AS THEY MAY DEEM NECESSARY OR ADVISABLE FOR THE PURPOSE AFORESAID, AND THE CONTRACTOR SHALL THEREBY BE IN NO WAY RELIEVED OF ANY OF HIS RESPONSIBILITIES. THE CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS WITH THE OWNER OF THE RESPECTIVE UTILITY PRIOR TO RELOCATION OR INTERRUPTION OF SERVICE. ALL WORK NECESSARY FOR THE RELOCATION SHALL BE PERFORMED BY THE CONTRACTOR, OR BY THE OWNER AT THE OWNER'S OPTION, AND TO THE SATISFACTION OF THE OWNER. WHERE SERVICE IS INTERRUPTED, THE CONTRACTOR SHALL COOPERATE IN RESTORING SERVICE PROMPTLY. ALL CHARGES FOR DAMAGES DONE TO UTILITIES SHALL BE PAID BY THE CONTRACTOR.
- E. CONSTRUCTION OF ROAD RIGHT-OF-WAY CONSTRUCTION IN THE ROAD RIGHT-OF-WAY SHALL AT ALL TIMES BE PERFORMED WITH MINIMUM DISTURBANCE TO TRAFFIC WITH SUFFICIENT BARRICADES AND DIRECTION. DETOURS CAN BE INSTITUTED WITH APPROVAL OF THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE, OR STATE, COUNTY, OR LOCAL AUTHORITIES. PAVEMENT SHALL BE CUT PRIOR TO REMOVAL. HOLES AND SETTLEMENTS IN THE TRENCHES SHALL BE IMMEDIATELY FILLED TO THE ORIGINAL GRADE ELEVATION WITH THE SPECIFIED MATERIALS.

F. EXCAVATION AND PREPARATION OF TRENCH THE CONTRACTOR SHALL PROCEED WITH CAUTION IN THE EXCAVATION AND PREPARATION OF THE TRENCH SO THAT THE EXACT LOCATION OF UNDERGROUND STRUCTURES. BOTH KNOWN AND UNKNOWN. MAY BE DETERMINED. THE TRENCH SHALL BE EXCAVATED SO THAT THE PIPE. CAN BE LAID TO THE ALIGNMENT AND DEPTH REQUIRED. MINIMUM DEPTH OF COVER FROM SURFACE OF GROUND TO TOP OF PIPE BARREL SHALL BE FOUR FEET (4'). NO TRENCH SHALL BE EXCAVATED MORE THAN FIVE HUNDRED LINEAL FEET (500 LF) IN ADVANCE OF PIPE LAYING UNLESS AUTHORIZED BY THE TOWN ENGINEER, WATER SUPERINTENDENT, OR

AUTHORIZED REPRESENTATIVE. THE TRENCH SHALL BE SO BRACED AND DRAINED THAT THE WORKMEN MAY WORK THEREIN SAFELY AND EFFICIENTLY. IT IS

ESSENTIAL THAT THE DISCHARGE OF THE TRENCH DEWATERING PUMPS BE CONDUCTED TO NATURAL DRAINAGE CHANNELS OR DRAINS, AS IN ACCORDANCE WITH OSHA REQUIREMENTS. THE WIDTH OF THE TRENCH SHALL BE OF ADEQUATE SIZE TO PERMIT THE PIPE TO BE LAID AND JOINTED PROPERLY, BUT SHALL NOT EXCEED THE SUM OF TWENTY-FOUR INCHES(24") PLUS THE PIPE OUTSIDE DIAMETER, AND THE BACKFILL TO BE PLACED AND COMPACTED AS SPECIFIED.

LEDGE ROCK, BOULDERS AND LARGE STONES SHALL BE REMOVED TO PROVIDE A CLEARANCE OF AT LEAST SIX INCHES (6") BELOW AND ON EACH SIDE OF ALL PIPES

- THE TRENCH SHALL BE EXCAVATED TO THE DEPTH REQUIRED SO AS TO PROVIDE A UNIFORM AND CONTINUOUS BEARING AND SUPPORT FOR THE PIPE ON SOLID AND UNDISTURBED GROUND AT EVERY POINT. WHERE THE BOTTOM OF THE TRENCH AT A SUBGRADE IS FOUND TO BE UNSTABLE, OR TO INCLUDE ASHES, CINDERS, ALL TYPES OF REFUSE, VEGETABLE OR, OTHER ORGANIC MATERIAL OR LARGE PICES OF FRAGMENTS OR INORGANIC MATERIAL WHICH, IN THE JUDGEMENT OF THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE SHOULD BE REMOVED. THE CONTRACTOR SHALL EXCAVATE AND REMOVE SUCH
- ANY PART OF THE BOTTOM OF THE TRENCH EXCAVATED BELOW THE SPECIFIED GRADE SHALL BE CORRECTED WITH APPROVED BEDDING MATERIAL, SUCH AS THOROUGHLY COMPACTED CRUSHED STONE, GRAVEL, OR CONCRETE AS DIRECTED BY THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE. THE FINISHED SUBGRADE SHALL BE PREPARED ACCURATELY BY MEANS OF HAND TOOLS. HAND METHODS OF EXCAVATION SHALL BE EMPLOYED IN LOCATIONS AS DEEMED NECESSARY. IN OTHER LOCATIONS, THE CONTRACTOR MAY USE TRENCH-DIGGING

UNSUITABLE MATERIAL TO THE WIDTH AND DEPTH ORDERED BY THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE.

- MACHINERY OR EMPLOY HAND METHODS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ADJACENT PIPING OR OTHER UTILITIES AND ANY THE EXTENT OF EXCAVATION OPENED OR THE AREA UNRESTORED AT ANY ONE TIME WILL BE CONTROLLED BY EXISTING CONDITIONS, BUT SHALL ALWAYS BE CONFINED TO THE LIMITS PRESCRIBED BY THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE WITH REGARD TO EXPEDITIOUS CONSTRUCTION AND TO THE SAFETY AND CONVENIENCE OF THE PUBLIC.
- THE CONTRACTOR SHALL AT ALL TIMES PROVIDE AMPLE MEANS AND EQUIPMENT WITH WHICH TO PROMPTLY REMOVE AND DISPOSE OF ALL WATER AND DRAINAGE ENTERING THE EXCAVATED OR OTHER PARTS OF THE WORK, AND TO KEEP SUCH EXCAVATIONS DRY UNTIL THE STRUCTURES TO BE BUILT THEREIN ARE COMPLETED. IN NO CASE. WILL THE LAYING OF PIPE AND FITTINGS BE PERMITTED WITH WATER IN THE EXCAVATIONS. DEWATERING METHODS AND EQUIPMENT SHALL BE SUBJECT TO THE APPROVAL OF THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE AND ALL WATER REMOVED FROM THE WORK SHALL BE DISPOSED OF IN AN APPROVED MANNER WITHOUT DAMAGE TO ADJACENT PROPERTY OR OTHER WORK. ALL WET SOIL IS TO BE REPLACED WITH GRAVEL AS APPROVED BY THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE.

H. EXCAVATION OF ROCK

WHEN ROCK IS TO BE EXCAVATED, IT SHALL BE TAKEN OUT SUFFICIENTLY BELOW GRADE TO LEAVE A SPACE OF AT LEAST SIX INCHES (6") TO THE OUTSIDE OF THE PIPE WHEN LAID. THE TRENCH SHALL THEN BE FILLED UP TO THE PROPER GRADE WITH SAND, GRAVEL, CRUSHED STONE OR OTHER SUITABLE MATERIAL APPROVED BY THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE, AND RAMMED SOLID. IN BLASTING (SEE GENERAL REQUIREMENTS D), ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO PROTECT PERSONS AND PROPERTY. NO BLASTING SHALL BE DONE WITHIN FIFTY FEET (50') OF THE PIPE AS LAID. THE END OF THE PIPE AS LAID SHALL BE TIGHTLY PLUGGED AND COVERED DURING ANY BLAST NEARER THAN ONE HUNDRED FEET (100'). THE CONTRACTOR SHALL BE LIABLE FOR ALL

I. ALIGNMENT AND GRADE ALL PIPE SHALL BE LAID AND MAINTAINED TO THE REQUIRED LINES AND GRADES WITH FITTINGS AND VALVES AT THE REQUIRED LOCATIONS; ENDS OF PIPE EVENLY

DAMAGES DONE TO PERSONS AND PROPERTY CAUSED BY BLASTS OR EXPLOSIVES OR FROM NEGLECT IN PROPERLY GUARDING THE TRENCHES.

J. TYPE OF MATERIAL

ALIGNED AND ALL VALVE STEMS PLUMB. WHEREVER OBSTRUCTIONS NOT SHOWN ON THE PLANS ARE ENCOUNTERED DURING THE PROGRESS OF THE WORK AND INTERFERE TO SUCH AN EXTENT THAT AN ALTERATION IN THE PLAN IS REQUIRED, THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE, SHALL HAVE THE AUTHORITY TO APPROVE A CHANGE IN THE PLANS AND ORDER A DEVIATION FROM THE LINE AND GRADE.

THE CONTRACTOR SHALL PROCEED WITH CAUTION IN THE EXCAVATION AND PREPARATION OF THE TRENCH SO THAT THE EXACT LOCATION OF THE UNDERGROUND STRUCTURES. BOTH KNOWN AND UNKNOWN, MAY BE DETERMINED, AND HE SHALL BE HELD RESPONSIBLE FOR THE REPAIR OF SUCH STRUCTURES WHEN BROKEN OR OTHERWISE DAMAGED.

WHENEVER IT IS NECESSARY TO EXPLORE AND EXCAVATE TO DETERMINE THE LOCATION OF EXISTING UNDERGROUND STRUCTURES, THE CONTRACTOR SHALL MAKE SUCH EXPLORATIONS AND EXCAVATIONS FOR SUCH PURPOSES. "UNDERGROUND UTILITIES" LOCATES EXISTING UNDERGROUND UTILITIES FREE OF CHARGE. THE PHONE NUMBER IS 1-800-245-2828.

A. MATERIAL (NO SUBSTITUTES PERMITTED.

PIPE AND FITTINGS TO BE USED SHALL BE CLASS 52 DUCTILE-IRON, CEMENT-LINED IN ACCORDANCE WITH AWWA # C151-81 (LATEST REVISION). JOINTS SHALL BE PUSH-ON-TYPE PRESS LOCK WITH 3 BRONZE WEDGES.

B. INSTALLATION

PIPE SHALL BE INSTALLED TO A MINIMUM DEPTH OF 4' FROM THE TOP OF THE WATERMAIN MEASURED TO FINISHED GRADE. INSTALLATION SHALL BE IN SUITABLE SOIL. ALL UNSUITABLE MATERIAL SHALL BE EXCAVATED 6" BELOW WATERMAIN AND REPLACED PER AWWA SPECIFICATIONS # C600-82 (LATEST REVISION). BACKFILL SHALL BE CLEAN FILL FREE OF TRASH, ORGANIC MATTER AND STONES GREATER THAN 6" IN DIAMETER. SOIL SHALL BE COMPACTED UNDER AND AROUND THE WATERMAINS. AT TIMES WHEN PIPE LAYING IS NOT IN PROGRESS. THE OPEN ENDS OF THE PIPE SHALL BE CLOSED BY A WATERTIGHT PLUG OR OTHER MEANS APPROVED BY THE ENGINEER. THIS PROVISION SHALL APPLY DURING THE NOON HOUR AS WELL AS OVERNIGHT. IF WATER IS IN THE TRENCH, THE SEAL SHALL REMAIN IN PLACE UNTIL

C. SEPARATION

(1) PARALLEL UTILITIES OTHER THAN SEWER

THE TRENCH IS PUMPED COMPLETELY DRY.

NO ELECTRIC OR OTHER UTILITY LINE OF ANY TYPE SHALL BE INSTALLED IN THE VERTICAL PLANE OF A WATERMAIN. TRENCHES FOR OTHER UTILITIES INSTALLED PARALLEL TO THE WATERMAIN MUST MAINTAIN AT LEAST 3' HORIZONTAL SEPARATION, OR WRITTEN PERMISSION BY THE WATER SUPERINTENDENT, TOWN ENGINEER, OR AUTHORIZED REPRESENTATIVE MUST BE GRANTED PRIOR TO INSTALLATION.

(2) PARALLEL INSTALLATION OF SEWER ("RECOMMENDED STANDARDS FOR WATER WORKS" 1982 EDITION, SEC. 8.5 AND 8.6)

WATERMAINS SHALL BE LAID AT LEAST 10' HORIZONTALLY FROM ANY EXISTING OR PROPOSED SEWER. THE DISTANCE SHALL BE MEASURED EDGE TO EDGE. IN CASES WHERE IT IS NOT PRACTICAL TO MAINTAIN A 10' SEPARATION. THE REVIEWING AUTHORITY MAY ALLOW DEVIATION ON A CASE-BY-CASE BASIS. IF SUPPORTED BY DATA FROM THE DESIGN ENGINEER. SUCH DEVIATION MAY ALLOW INSTALLATIN OF THE WATERMAIN CLOSER TO A SEPARATE TRENCH OR ON AN UNDISTURBED EARTH SHELF LOCATED ON ONE SIDE OF THE SEWER AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATERMAIN IS AT LEAST 18" ABOVE THE TOP OF THE SEWER. (3) CROSSING ("RECOMMENDED STANDARDS FOR WATER WORKS" - 1982 EDITION, SEC. 8.5 AND 8.6)

ELECTRIC UTILITY LINES MUST BE SEPARATED VERTICALLY BY A MINIMUM OF 18" FROM A WATERMAIN WHEN CROSSING THE MAIN. CROSSING MUST BE MADE AT RIGHT ANGLES. IN CONDUIT AND EXTENDING AT LEAST 10' ON EITHER SIDE OF THE WATER LINE. AND SUPPORTED PROPERLY. SEWER LINES SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18" BETWEEN OUTSIDE OF WATERMAIN AND THE OUTSIDE OF SEWER. THIS SHALL BE THE CASE WHERE THE WATERMAIN IS EITHER ABOVE OR BELOW THE SEWER. AT CROSSINGS, ONE FULL LENGTH OF WATER PIPE SHALL BE LOCATED SO BOTH JOINTS WILL BE AS FAR AS POSSIBLE FROM THE SEWER. SPECIAL STRUCTURAL SUPPORT FOR THE WATER AND SEWER PIPES MAY BE REQUIRED. WHERE THE SEWER LINE IS CROSSING OVER THE WATER LINE, THE SEWER LINE SHALL BE ENCLOSED IN AN UNJOINTED SLEEVE EXTENDING 10' FROM THE WATERMAIN'S VERTICAL PLANE ON BOTH SIDES. CROSSING MUST BE A RIGHT ANGLES.

2. HYDRANTS (NO SUBSTITUTES PERMITTED.

3. VALVES (NO SUBSTITUTES PERMITTED.)

MUELLER TYPE - CENTURIAN AWWA # C502-80 APPROVED (LATEST REVISION) 4.5" BURY WITH A 5" BARREL. THE STEAMER CAP SHALL FACE THE ROAD ADN SHALL BE A MINIMUM OF 2' FROM THE CURB LINE AND NO MORE THAN 6' FROM THE ROAD UNLESS WRITTEN PERMISSION OF THE WATER SUPERINTENDENT OR TOWN ENGINEER IS OBTAINED PRIOR TO THE INSTALLATION. THE HYDRANT SHALL BE RODDED TO THE HYDRANT VALVE AND THE VALVE RODDED TO THE MAIN. THRUST BLOCKING SHALL BE INSTALLED BEHIND THE HYDRANT KEEPING THE DRAIN HOLES CLEAR. THERE SHALL BE 18" OF 3/4" GRAVEL UNDER THE HYDRANT AND A RADIUS OF 18" OF 3/4" GRAVEL AROUND THE HYDRANT AND THE 3/4" GRAVEL SHALL BE BROUGHT TO A MINIMUM HEIGHT OF 4" ABOVE DRAIN HOLES.

MUELLER (BURY TYPE) - AWWA # C500-80 APPROVED (LATEST REVISION), CLOCKWISE TO CLOSE. VALVE TO BE INSTALLED WITH BUFFALO TYPE VALVE BOX 4. SERVICE LINES (NO SUBSTITUTES PERMITTED.)

A. MATERIAL

PIPE SHALL BE ASTM B 88 TYPE K COPPER SERVICE TUBING.

B. APPURTENANCES CORPORATION STOP - MUELLER TYPE CURB STOP - MUELLER TYPE WITH DRAIN CURB

BOX - MUELLER TYPE C. INSTALLATION

THE SERVICE LINE SHALL BE INSTALLED TO A MINIMUM DEPTH OF 4', MEASURED FROM THE TOP OF THE SERVICE LINE TO FINISHED GRADE. INSTALLATION SHALL BE IN SUITABLE SOIL. ALL UNSUITABLE MATERIAL SHALL BE EXCAVATED 6" BELOW SERVICE LINE AND REPLACED PER AWWA SPECIFICATIONS # C 600-82 (LATEST REVISION). BACKFILL SHALL BE CLEAN FILL FREE OF TRASH, ORGANIC MATTER AND STONES GREATER THAN 6" IN DIAMETER. SOIL SHALL BE COMPACTED UNDER AND AROUND THE WATERMAINS

D. SEPARATION (1) PARALLEL UTILITIES OTHER THAN SEWER

NO FLECTRIC OR OTHER UTILITY LINE OF ANY TYPE SHALL BE INSTALLED IN THE VERTICAL PLANE OF A SERVICE LINE. TRENCHES FOR OTHER UTILITIES. INSTALLED PARALLEL TO THE SERVICE LINE MUST MAINTAIN AT LEAST 3' HORIZONTAL SEPARATION, OR WRITTEN PERMISSION BY THE WATER SUPERINTENDENT. TOWN ENGINEER, OR AUTHORIZED REPRESENTATIVE MUST BE GRANTED PRIOR TO INSTALLATION. (2) PARALLEL INSTALLATION OF SEWER ("RECOMMENDED STANDARDS FOR WATER WORKS" 1982 EDITION, SEC. 8.5 AND 8.6)

SERVICE LINES SHALL BE LAID AT LEAST 10' HORIZONTALLY FROM ANY EXISTING OR PROPOSED SEWER. THE DISTANCE SHALL BE MEASURED EDGE TO EDGE. IN CASES WHERE IT IS NOT PRACTICAL TO MAINTAIN A 10' SEPARATION, THE REVIEWING AUTHORITY MAY ALLOW DEVIATION ON A CASE-BY-CASE BASIS, IF SUPPORTED BY DATA FROM THE DESIGN ENGINEER. SUCH DEVIATION MAY ALLOW INSTALLATION OF THE SERVICE LINE CLOSER TO A SEPARATE TRENCH OR ON AN UNDISTURBED EARTH SHELF LOCATED ON ONE SIDE OF THE SEWER AT SUCH AN ELEVATION THAT THE BOTTOM OF THE SERVICE LINE IS AT LEAST 18" ABOVE

ELECTRIC UTILITY LINES MUST BE SEPARATED VERTICALLY BY A MINIMUM OF 18" FROM A SERVICE LINE WHEN CROSSING THE SERVICE LINE. CROSSING MUST BE

SEWER LINES SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18" BETWEEN OUTSIDE OF SERVICE LINE AND THE OUTSIDE OF SEWER. THIS SHALL BE THE CASE WHERE THE SERVICE LINE IS EITHER ABOVE OR BELOW THE SEWER. AT CROSSINGS, ONE FULL LENGTH OF WATER PIPE SHALL BE LOCATED SO

MADE AT RIGHT ANGLES, IN CONDUIT AND EXTENDING AT LEAST 10' ON EITHER SIDE OF THE WATER LINE, AND SUPPORTED PROPERLY.

(3) CROSSING ("RECOMMENDED STANDARDS FOR WATER WORKS" - 1982 EDITION, SEC. 8.5 AND 8.6)

- BOTH JOINTS WILL BE AS FAR AS POSSIBLE FROM THE SEWER. SPECIAL STRUCTURAL SUPPORT FOR THE WATER AND SEWER PIPES MAY BE REQUIRED. WHERE THE SEWER LINE IS CROSSING OVER THE WATER LINE, THE SEWER LINE SHALL BE ENCLOSED IN AN UNJOINTED SLEEVE EXTENDING 10' FROM THE SERVICE LINE'S VERTICAL PLANE ON BOTH SIDES. CROSSING MUST BE A RIGHT ANGLES. 5. WET TAPS (NO SUBSTITUTES PERMITTED.) MUELLER TYPE WET TAP ASSEMBLY. INSTALLATION SHALL BE MADE BY A LICENSED PLUMBER WITH THE APPROVAL OF THE WATER SUPERINTENDENT.
- ALL PLUGS, CAPS, VALVES, TEES, BENDS, AND HYDRANTS, UNLESS OTHERWISE DIRECTED BY THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE SHALL BE PROVIDED WITH THRUST BLOCKS. 7. TAPS (NO SUBSTITUTES PERMITTED.)

THE CONTRACTOR SHALL SATISFACTORILY COMPLETE A PRESSURE TEST AND LEAKAGE TEST. TO CONFORM TO THE AWWA STANDARD # C600-82 SEC. 4. THE TESTS MUST

BE WITNESSED BY THE TOWN ENGINEER, WATER SUPERINTENDENT OR AUTHORIZED REPRESENTATIVE. THE WCHD WILL BE NOTIFIED 48 HRS IN ADVANCE SO THEY MAY

MUELLER TYPE CORPORATION STOP. INSTALLATION SHALL BE MADE BY A LICENSED PLUMBER WITH THE APPROVAL OF THE WATER SUPERINTENDENT THE LOCATION AND DESIGN OF METER PITS MUST BE APPROVED IN WRITING BY THE WATER SUPERINTENDENT PRIOR TO INSTALLATION.

WITNESS THE TESTING K. HYDROSTATIC TESTS ALL WATERMAINS AND APPURTENANCES SHALL BE DISINFECTED TO THE SATISFACTION OF THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE, AND THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH, DISINFECTING OF WATERMAINS SHALL CONFORM TO THE AWWA STANDARD # C651-86

EXCEPT FOR SEC. 5-1 FOR DISINFECTING WATERMAINS. ACCEPTABLE RESULTS OF BACTERIOLOGICAL ANALYSIS OF SAMPLES OF WATER, COLLECTED FROM THE NEW DISTRIBUTION MAIN. AFTER DISINFECTION AND BEFORE THE USE OF THE MAINS. SHALL BE SUBMITTED TO THE TOWN YORKTOWN WATER DISTRICT AND THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH. THE DISINFECTION PROCEDURE MUST BE WITNESSED BY THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE

UPON COMPLETION OF THE WATER EXTENSION, TWO (2) COPIES OF AN AS-BUILT DRAWING MUST BE SUBMITTED TO THE TOWN OF YORKTOWN WATER DISTRICT. SAID AS-BUILT DRAWING SHOULD INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING: L. DISINFECTION

LOCATION OF VALVES

LOCATION OF HYDRANTS **LOCATION OR CURB STOPS**

OR APPROVED EQUAL.

LOCATION OF TEES LOCATION OF BENDS

LOCATION OF MAIN IN STREET SIZE OF WATERMAIN AND VALVES

6. THRUST BLOCKS

M. AS-BUILT DRAWINGS THESE REQUIREMENTS SHALL BE USED IN CONJUNCTION WITH THE AWWA SPECIFICATIONS

SANITARY SEWER NOTE:

1. ALL WORK TO BE DONE IN ACCORDANCE WITH THE CODE OF THE TOWN OF YORKTOWN AND THE REGULATIONS OF THE WESTCHESTER COUNTY DEPARTMENT THERE ARE NO WATER SUPPLY WELLS WITHIN 25 FT OF THE PROPOSED SANITARY SEWER. 3. SANITARY SEWERS ARE TO BE OF 8" RING-TIGHT PVC PLASTIC PIPE ASTM CLASS SDR-35 (OR HEAVIER IF REQUIRED BY THE VILLAGE CONSULTING ENGINEER). DUE TO LOADING CONDITIONS). ALL PIPE TO BE MANUFACTURED BY JOHN MANSVILLE OR EQUAL. 4. SANITARY MANHOLES/CLEANOUT MANHOLES SHALL BE PRECAST CONCRETE. ALL WORK SHALL BE MANUFACTURED IN ACCORDANCE WITH APPROVED STANDARDS AND SHALL BE SPACED A MAXIMUM DISTANCE OF 300' ON STRAIGHT RUNS AND INSTALLED AT EVERY CHANGE IN ALIGNMENT. MANHOLE

- POSITIONING SHALL BE AS TO PREVENT THE ENTRANCE OF SURFACE WATER DURING STORMS. MANHOLE RIMS ARE TO BE WATER TIGHT IN AREAS SUBJECT TO POSSIBLE FLOODING CONDITIONS. 5. ALL BUILDING LATERALS TO BE INSTALLED BY PLUMBERS. LICENSED IN THE TOWN OF YORKTOWN ACCORDING TO THE REQUIREMENTS OF THE TOWN OF
- 6. A 6" MINIMUM BEDDING OF 3/4" CRUSHED STONE IS TO BE PLACED UNDER ALL SEWER LINES AND ALONG THE SIDES UP TO THE TOP TO PROVIDE FIRM SUPPORT 7. SANITARY SEWER CONSTRUCTION SHALL MEET ALL SEWER CONSTRUCTION SPECIFICATIONS FOR THE TOWN OF YORKTOWN. 8. THE VILLAGE ENGINEER SHALL BE NOTIFIED 48 HOURS PRIOR TO THE START OF ANY WORK.
- 9. THE SANITARY SEWER MAIN SHALL BE LAID AT A MINIMUM SLOPE OF 0.5%. 10. ALL SEWERS SHALL BE LAID AT LEAST 10 FT HORIZONTALLY FROM ANY EXISTING OR PROPOSED WATER MAIN. THE DISTANCE SHALL BE MEASURED EDGE TO EDGE. IN CASES WHERE IT IS IMPRACTICAL TO MAINTAIN A 10 FOOT SEPARATION. THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH MAY ALLOW DEVIATION ON A CASE-BY-CASE BASIS, IF SUPPORTED BY DATA FROM THE DESIGN ENGINEER. 11.HEAVY-DUTY WHITE FITTINGS AS MANUFACTURED BY GPK PRODUCTS, INC. OR APPROVED EQUAL, SHALL BE USED FOR THE CONSTRUCTION OF THE PVC SEWER SYSTEM
- 13. UNLESS OTHERWISE SPECIFIED, SANITARY SEWER MANHOLES SHALL HAVE THE LETTERS "SEWER" CAST ON THE COVER. 14.MANHOLE COVERS AND STRUCTURES SHALL MEET OR EXCEED A.S.T.M. AND O.S.H.A. REQUIREMENTS AND MUST BE RATED FOR H-20 VEHICLE LOADING. 15. ALL SANITARY STRUCTURES SHALL RECEIVE 2 MIL COATS OF BITUMINOUS MATERIAL "INERTOL NO. 49" KOPPERS SUPPER SERVICE BLACK OR APPROVED EQUAL, APPLIED IN ACCORDANCE WITH MANUFACTURE'S SPECIFICATIONS.

16.0-RING JOINTS TO CONFORM TO A.S.T.M. DESIGNATION C-443 LATEST REVISION. JOINTS TO BE MORTARED INSIDE AND OUT USING NON-SHRINKING MORTAR.

12.MANHOLE STEPS SHALL BE CAST IRON NEENAH NO. R-1981-0 OR CAMPBELL FOUNDRY NO. 2588-1 OR POLYPROPYLENE COATED STEEL (SEE SPECIFICATIONS)

17. PRE-CAST MANHOLE SECTIONS TO BE IN ACCORDANCE WITH "PRE-CAST REINFORCED CONCRETE MANHOLE SECTIONS" A.S.T.M. DESIGNATION C-478, LATEST REVISION, MINIMUM COMPRESSIVE STRENGTH TO BE 4000 P.S.I. 18. WHERE SEWER MAIN IS TO BE INSTALLED 10' DEEP OR GREATER, PVC SDR-21 SHALL BE USED. 19. WHEN SEWER IS TO BE INSTALLED IN FILL MATERIAL, THE SUPPORTING FILL IS TO BE COMPACTED TO MINIMUM STANDARD PROCTOR DENSITY OF 95%, AND SHALL BE CERTIFIED TO THE VILLAGE. 20. WATER MAINS CROSSING HOUSE SEWERS, STORM SEWERS OR SANITARY SEWERS SHALL BE LAID TO PROVIDE A VERTICAL SEPARATION OF A MINIMUM OF 18" BETWEEN THE BOTTOM OF WATER MAIN AND TOP OF SEWER. IN ADDITION, ADEQUATE STRUCTURAL SUPPORT SHALL BE PROVIDED FOR THE SEWER TO

TO BE CENTERED AT THE POINT OF CROSSING SO THAT THE JOINTS WILL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE SEWER.

"VACUUM TESTING OF MANHOLES" FROM THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH.

WITH THE LATEST WESTCHESTER COUNTY DEPARTMENT OF HEALTH RULES AND REGULATIONS

21.NO WATER MAIN SHALL PASS THROUGH OR COME IN CONTACT WITH ANY PART OF A SEWER OR SEWER MANHOLE. 22.MANHOLES AND SANITARY SEWER LINES SHALL BE TESTED TO CONFORM WITH WESTCHESTER COUNTY DEPARTMENT OF HEALTH RULES AND REGULATIONS IN THAT THE INFILTRATION / EXFILTRATION SHALL NOT EXCEED ONE HUNDRED (100) GALLONS/INCH DIAMETER OF PIPE/MILE/DAY 23.INFILTRATION, EXFILTRATION AND VISUAL TESTS BY MEANS OF LIGHT FLASHING BETWEEN MANHOLES SHALL BE AS PER REQUIREMENTS OF THE VILLAGE ENGINEER. TESTING OF THE MANHOLES WITH THE PIPELINE SHALL NOT BE PERMITTED. MANHOLES AND SANITARY SEWER LINES SHALL BE TREATED INDEPENDENTLY OF EACH OTHER. NO TESTS SHALL BE MADE UNTIL TWO WEEKS AFTER BACKFILLING OF SANITARY SEWERS OR LONGER IF CONDITIONS, IN THE OPINION OF THE VILLAGE ENGINEER, WARRANT IT. 24.AIR AND VACUUM TESTING MAY BE PERFORMED ON THE SANITARY SEWER LINES AND MANHOLES IN LIEU OF HYDROSTATIC TESTING. AIR TESTING OF THE

SANITARY SEWER LINES SHALL BE IN ACCORDANCE WITH ASTM F1417-92 "STANDARD TEST METHOD FOR INSTALLATION ACCEPTANCE OF PLASTIC GRAVITY

SEWER LINES USING LOW-PRESSURE AIR." VACUUM TESTING OF THE MANHOLES SHALL BE IN ACCORDANCE WITH THE LATEST RELEASE OF ATTACHMENT B

25.SANITARY SEWER SERVICE LINES SHALL BE TESTED IN CONJUNCTION WITH THE SEWER MAINS TO THE PROPERTY LINE OR EASEMENT LINE IN ACCORDANCE

PREVENT EXCESSIVE DEFLECTION OF THE JOINTS AND THE SEWER SETTLING AND BREAKING THE WATER MAIN. IN ADDITION THE LENGTH OF WATER PIPE IS

CONSTRUCTION SEQUENCE:

1. PRIOR TO THE BEGINNING OF ANY PHASE WORK THE MAJOR FEATURES OF THE CONSTRUCTION MUST BE FIELD STAKED BY A LICENSED SURVEYOR. THESE INCLUDE THE BUILDING, LIMITS OF DISTURBANCE, UTILITY LINES, AND STORMWATER PRACTICES, ALL STORMWATER PRACTICES SHALL BE

PLAN AND DETAILS, THE ENVIRONMENTAL PLANNER RESPONSIBLE FOR E&SC MONITORING DURING CONSTRUCTION, A REPRESENTATIVE FROM THE DEP,

CORDONED OFF TO PREVENT DISTURBANCE AND COMPACTION OF THE EXISTING SOIL. 2. PRIOR TO COMMENCEMENT OF WORK, AN ON-SITE PRECONSTRUCTION MEETING WILL BE HELD. THIS WILL BE ATTENDED BY THE OWNER RESPONSIBLE FOR ANY FINES OR PENALTIES, THE OPERATOR RESPONSIBLE FOR COMPLYING WITH THE APPROVED CONSTRUCTION DRAWINGS INCLUDING THE E&SC

PHASE I: PROJECT INFRASTRUCTURE

PLAN AND DETAILS.

1. ESTABLISH MAIN ROAD ENTRANCE AND INSTALL THE STABILIZED CONSTRUCTION ENTRANCE

TOWN REPRESENTATIVES FROM THE ENGINEERING DEPARTMENT AND CODE ENFORCEMENT.

2. CLEAR THE AREA FOR THE PROPOSED ROAD AND LOT 2 DRIVEWAY TO THE EXTENTS SHOWN ON THE PLAN. INSTALL PERIMETER EROSION CONTROL PRACTICES. SILT FENCING SHALL BE INSTALLED AT THE BASE OF SLOPES PARALLEL TO CONTOURS AS SHOWN ON THE PLAN.

3. BEGIN EXCAVATION FOR THE ROUGH GRADE OF THE PROPOSED ROADWAY TO THE EXTENTS SHOWN ON THE PLANS. CLEAR AREA OF VEGETATION AS NEEDED TO GRADE DRIVEWAY. CLEARING SHALL ONLY OCCUR WITHIN THE LIMITS OF DISTURBANCE FOR PHASE 1. ESTABLISH THE ELEVATION FOR INSTALLATION OF ROAD BASE. EROSION CONTROL MEASURES SHALL BE INSTALLED SIMULTANEOUSLY WITH CLEARING AND GRADING. WHEN COMPLETED INSTALL EROSION BLANKETS ON SLOPES EXCEEDED 3H:1V. INSTALL WATER BARS ALONG ROADWAY AND DRIVEWAY AS SHOWN ON THE PLANS.

4. DURING SITE CONSTRUCTION MAINTAIN AND RE-ESTABLISH AS REQUIRED EROSION CONTROL AND STABILIZATION MEASURES AS REQUIRED BY THE SITE PLAN AND DETAILS. REMOVE ANY SEDIMENT TRACK ON ROADWAY FROM CONSTRUCTION VEHICLES AS NEEDED. 5. CONSTRUCT THE SWALES WHERE SHOWN. ON A DAILY BASIS AS THE SWALES ARE COMPLETED, FINE GRADE, SEED, AND BLANKET THE SWALE SURFACE. INSTALL INLET STRUCTURE AND DRAINAGE STRUCTURES FOR ROADWAY. BLOCK ENTRANCE INTO INFILTRATION BASIN UNTIL SITE HAS ACHIEVED FINAL

STABILIZATION. 6. UPON COMPLETION OF THE SWALES, INSTALL THE ASPHALT PAVEMENT BASE COURSE OVER THE ROADWAY AND DRIVEWAY, BACKFILL TO GRADE, PLACE

FINAL SOIL TOPPING AND PUT IN PLACE PERMANENT VEGETATIVE COVER OVER ALL DISTURBED AREAS, LANDSCAPE BEDS, SLOPES, ETC. 7. DURING SITE CONSTRUCTION MAINTAIN AND RE-ESTABLISH AS REQUIRED EROSION CONTROL AND STABILIZATION MEASURES AS REQUIRED BY THE SITE

8. ONCE THE ACCESS ROAD HAS BEEN COMPLETED, INSTALL INFILTRATION BASIN.

9. ONCE ALL AREAS HAVE ACHIEVED FINAL GRADES, ANY REMAINING STOCKPILED MATERIAL SHALL BE REMOVED FROM THE SITE WITHIN 24 HRS.

10. ONCE SITE STABILIZATION HAS TAKEN PLACE (AN AREA SHALL BE CONSIDERED TO HAVE ACHIEVED FINAL STABILIZATION WHEN IT HAS A MINIMUM UNIFORM 80% PERENNIAL VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING AND OTHER MOVEMENTS), REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROLS, UNPLUG THE DRAINAGE SYSTEM TO ALLOW RUNOFF TO ENTER THE STORMWATER MANAGEMENT SYSTEM. THIS SHALL BE DONE DURING OPTIMUM WEATHER CONDITIONS IF POSSIBLE TO AVOID SEDIMENT TRANSPORT. THIS WORK SHALL NOT OCCUR IF PRECIPITATION IS FORECASTED DURING THE WORK. DURING CONSTRUCTION OF LOTS 1-6, THE INFILTRATION BASIN FOR THE ROAD SHALL BE INSPECTED MONTHLY AND AFTER MAJOR STORM EVENTS TO ENSURE SEDIMENT FROM CONSTRUCTION DOES NOT ENTER THE SYSTEM. ANY SEDIMENT DEPOSITS WILL BE REMOVED.

11. UPON STABILIZATION OF ALL DISTURBED AREAS AND APPROVAL FROM THE TOWN REPRESENTATIVE REMOVE ALL TEMPORARY EROSION AND SEDIMENT

PHASE 2: INDIVIDUAL LOTS EACH LOT WILL BE CONSTRUCTED INDIVIDUALLY. THE LOTS MAY BE CONSTRUCTED IN ANY PARTICULAR ORDER.

1. PREPARE THE INDIVIDUAL LOT FOR CONSTRUCTION BY INSTALLING ALL TEMPORARY PERIMETER EROSION AND SEDIMENT CONTROLS (E&SCS) AS SHOWN

2. ESTABLISH THE DRIVEWAY ENTRANCE AND INSTALL THE STABILIZED CONSTRUCTION ENTRANCE.

FOR THE LOTS. THESE SHALL ONLY BE CONSTRUCTED IN THE LOCATIONS SHOWN ON THE PLANS.

3. REMOVE EXISTING VEGETATIVE COVER AND OTHER SURFACE FEATURES IN THE LIMIT OF CONSTRUCTION ONLY FOR WORK TO BE IMMEDIATELY DONE AND WITHIN THE LIMITS OF PHASE 2. SILT FENCING SHOULD BE INSTALLED AT THE BASE OF SLOPES, AND STOCKPILES SHALL BE PLACED IN THE LOCATIONS SHOWN ON THE PLAN.

5. DURING SITE CONSTRUCTION MAINTAIN AND RE-ESTABLISH AS REQUIRED EROSION CONTROL AND STABILIZATION MEASURES AS REQUIRED BY THE SITE PLAN AND DETAILS. REMOVE ANY SEDIMENT TRACK ON ROADWAY FROM CONSTRUCTION VEHICLES AS NEEDED.

4. ROUGH GRADE DRIVEWAY AND INSTALL EROSION AND SEDIMENT CONTROLS AS NEEDED. SLOPES IN EXCESS OF 3:1 SHALL BE STABILIZED USING EROSION

8. ONCE THE NECESSARY CONNECTIONS HAVE BEEN CONSTRUCTED WITHIN THE BUILDING, BEGIN THE INSTALLATION OF THE SEPTIC SYSTEM AND THE WELL

BACKFILL AS NEEDED. ENTRY POINTS TO DRAINAGE SYSTEM SHALL BE BLOCKED UNTIL SITE IS STABLE. ALL EROSION CONTROLS SHALL REMAIN IN

6. EXCAVATE FOR AND INSTALL FOUNDATION. UPON COMPLETION OF FOUNDATION WALLS BACKFILL AND GRADE THE REMAINDER OF THE LOT.

9. INSTALL ALL UNDERGROUND UTILITIES. INSTALL THE DRAINAGE SYSTEM AND RAIN GARDENS. FOR THE RAIN GARDENS EXCAVATE TO ELEVATION SHOWN ON PLAN AND INSTALL BASE COURSE OF GRAVEL, INSTALL FILTER MEDIA AND OUTLET STRUCTURE AND INSTALL OUTLET PROTECTION AT ALL OUTLETS.

ON THE APPROVED CONSTRUCTION DRAWINGS.

10. INSTALL BASE COURSE MATERIAL FOR DRIVEWAY.

7. BEGIN CONSTRUCTION OF THE REMAINDER OF THE BUILDING.

11. TOPSOIL, RAKE, SEED AND MULCH ALL DISTURBED AREAS 12. INSTALL WALKS, FENCES, OTHER SITE IMPROVEMENTS AND FINAL PLANTINGS

13. ONCE SITE STABILIZATION HAS TAKEN PLACE (AN AREA SHALL BE CONSIDERED TO HAVE ACHIEVED FINAL STABILIZATION WHEN IT HAS A MINIMUM UNIFORM 80% PERENNIAL VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING AND OTHER MOVEMENTS), REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROLS, UNPLUG THE DRAINAGE SYSTEM TO ALLOW RUNOFF TO ENTER THE STORMWATER MANAGEMENT SYSTEM. THIS SHALL BE DONE DURING OPTIMUM WEATHER CONDITIONS IF POSSIBLE TO AVOID SEDIMENT TRANSPORT. THIS WORK SHALL NOT OCCUR IF PRECIPITATION IS FORECASTED DURING THE WORK.

14. UPON STABILIZATION OF ALL DISTURBED AREAS AND APPROVAL FROM THE TOWN REPRESENTATIVE REMOVE ALL TEMPORARY EROSION AND SEDIMENT

CONTACT INFORMATION DURING AND AFTER CONSTRUCTION:

JOHN COLANGELO 1133 WESTCHESTER AVE. SUITE N-006 WHITE PLAINS, NY 10604 347-231-6959

CONTROLS.

OWNER / OPERATOR CERTIFICATION "I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. FURTHER. I HEREBY CERTIFY THAT THE SWPPP MEETS ALL FEDERAL, STATE, AND LOCAL EROSION AND SEDIMENT CONTROL REQUIREMENTS. I AM

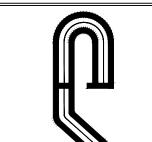
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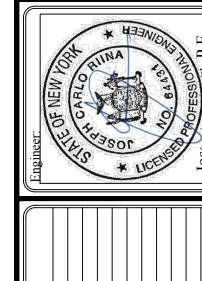
IDENTIFIED IN THE SWPPP:

CERTIFICATION STATEMENT - ALL CONTRACTORS AND SUBCONTRACTORS AS IDENTIFIED IN A SWPPP, BY THE OWNER OR OPERATOR, IN ACCORDANCE WITH PART III.A.5 OF THE SPDES GENERAL PERMIT FOR STORMWATER RUNOFF FROM CONSTRUCTION ACTIVITY, GP-0-15-002, DATED JANUARY 29, 2015, PAGE 10 OF 40, SHALL SIGN A COPY OF THE FOLLOWING CERTIFICATION STATEMENT BEFORE UNDERTAKING ANY CONSTRUCTION ACTIVITY AT THE SITE

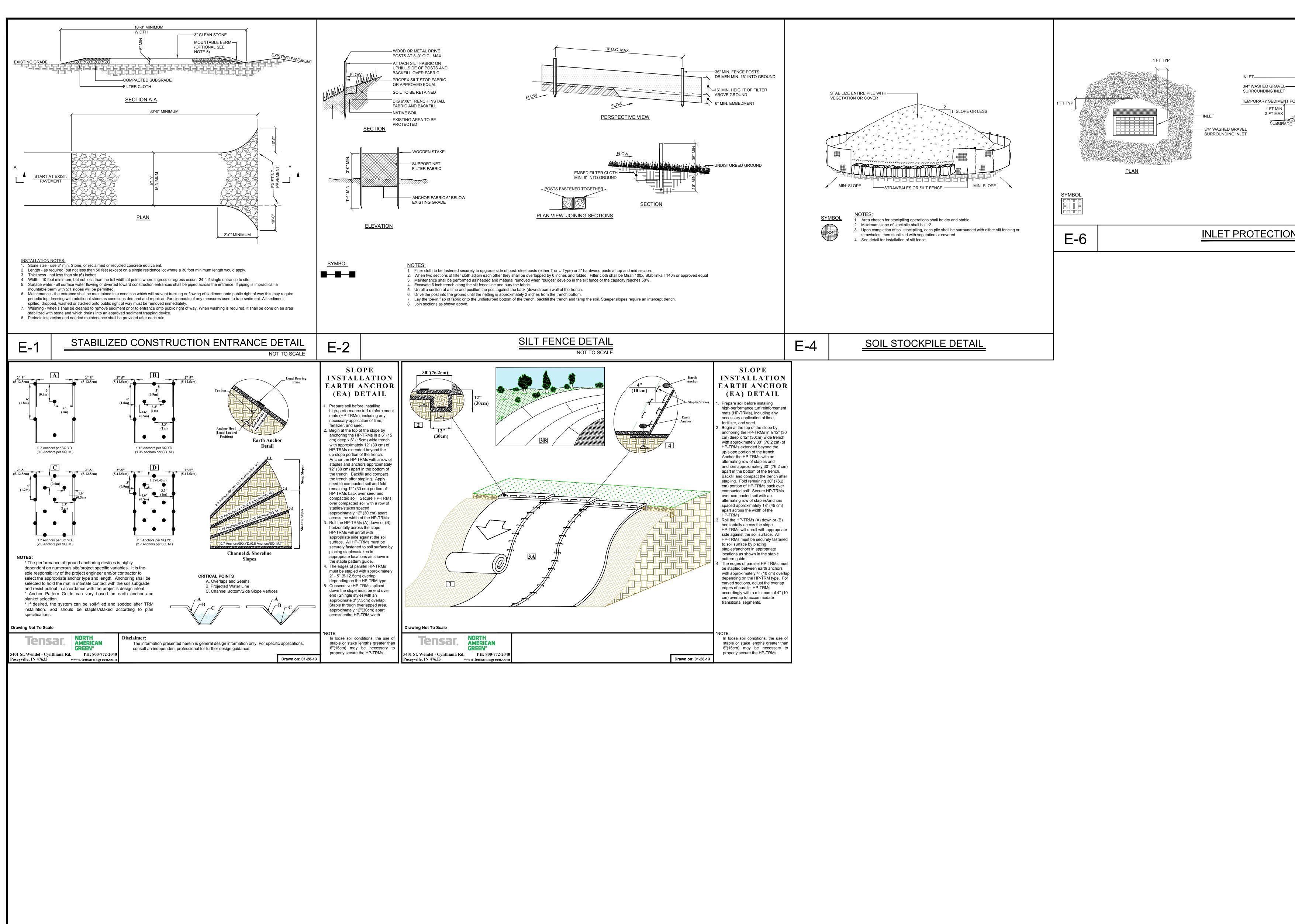
"I HEREBY CERTIFY THAT I UNDERSTAND AND AGREE TO COMPLY WITH THE TERMS AND CONDITIONS OF THE SWPPP AND AGREE TO IMPLEMENT ANY CORRECTIVE ACTIONS IDENTIFIED BY THE QUALIFIED INSPECTOR DURING A SITE INSPECTION. I ALSO UNDERSTAND THAT THE OWNER OR OPERATOR MUST COMPLY WITH THE TERMS AND CONDITIONS OF THE NEW YORK STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM ("SPDES") GENERAL PERMIT FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITIES AND THAT IT IS UNLAWFUL FOR ANY PERSON TO CAUSE OR CONTRIBUTE TO A VIOLATION OF WATER QUALITY STANDARDS. FURTHERMORE. I UNDERSTAND THAT CERTIFYING FALSE. INCORRECT OR INACCURATE INFORMATION IS A VIOLATION OF THE REFERENCED PERMIT AND THE LAWS OF THE STATE OF NEW YORK AND COULD SUBJECT ME TO CRIMINAL, CIVIL AND/OR ADMINISTRATIVE PROCEEDINGS."

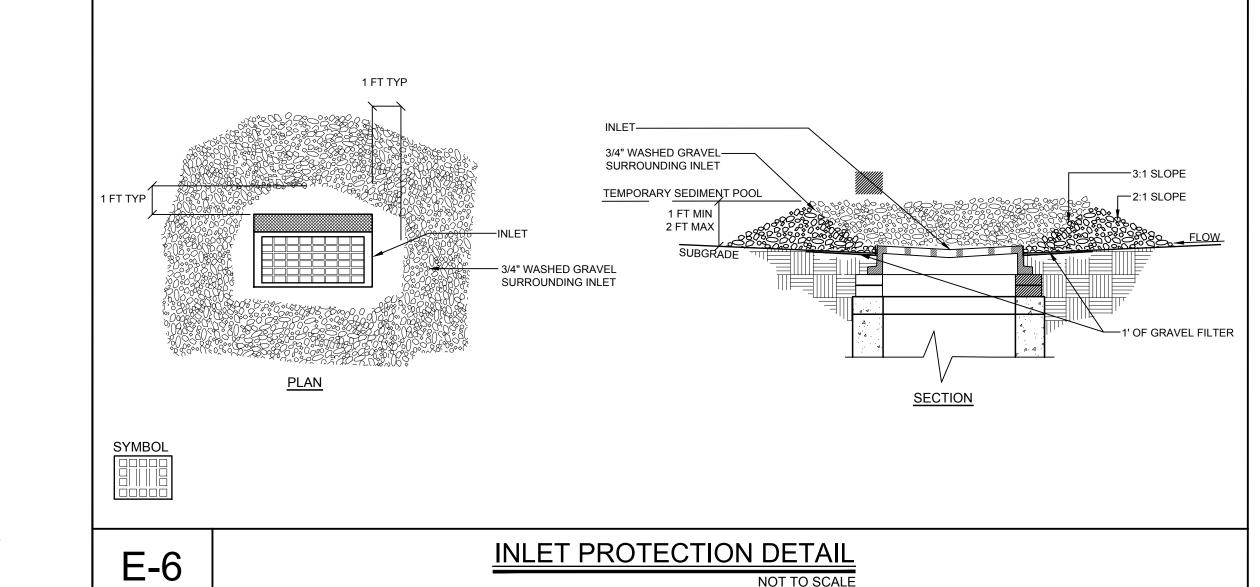
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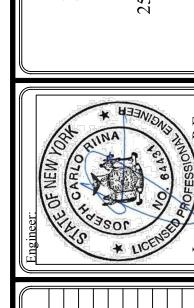


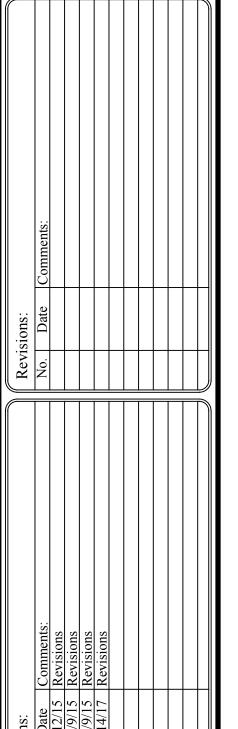


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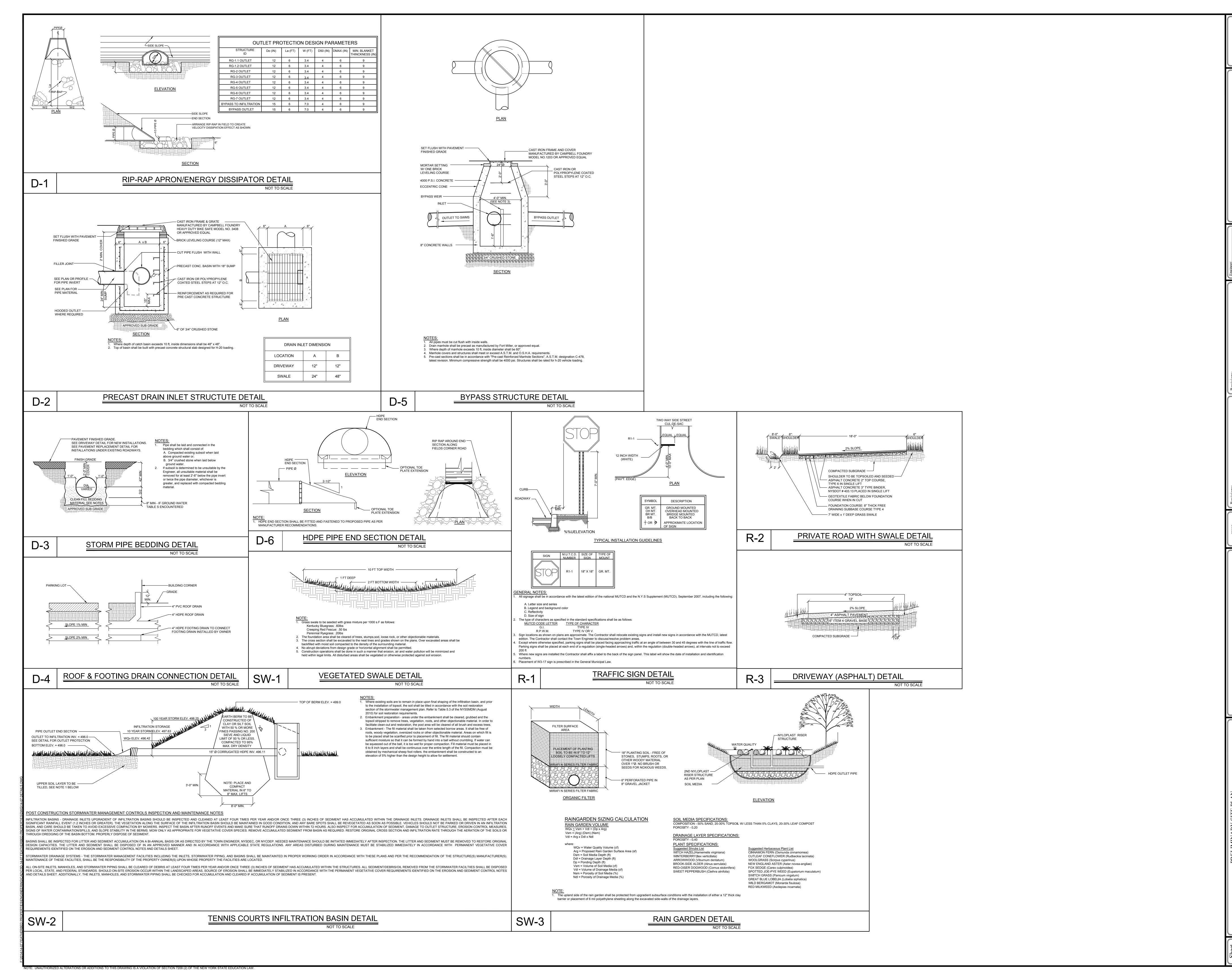








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