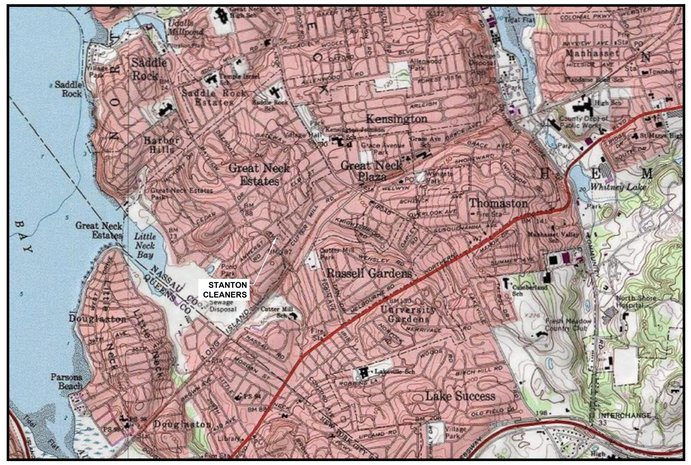


SITE LOCATION MAP
SCALE: 1" = 2000'

GENERAL NOTES

1. ALL DIMENSIONS, ELEVATIONS, AND EXISTING CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY DISCREPANCIES DISCOVERED DURING THE COURSE OF CONSTRUCTION SHALL BE PROMPTLY REPORTED TO THE ENGINEER.
2. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING, PRIOR TO BIDDING, THE LOCATIONS OF ALL UTILITIES AND SHALL BE RESPONSIBLE FOR ALL DAMAGE TO SAID UTILITIES. THE CONTRACTOR SHALL CONTACT "DIG SAFELY" (1-800-272-4480), AT LEAST 72 HOURS PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE ACTIVITIES WITH INDIVIDUAL UTILITY COMPANIES.
3. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT PROPER STORM DRAINAGE IS MAINTAINED THROUGHOUT CONSTRUCTION.
4. ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS AS OUTLINED HEREIN. INSPECTION AND MAINTENANCE SHALL BE CARRIED OUT THROUGHOUT THE CONSTRUCTION PERIOD UNTIL ALL DISTURBED AREAS ARE STABILIZED WITH VEGETATION OR PAVING. THE MINIMUM INSPECTION PERIOD SHALL BE WEEKLY AND AFTER MAJOR STORMS.
5. CONSTRUCTION ACTIVITIES SHALL CONFORM TO APPLICABLE SECTIONS OF THE REGION OF GREAT NECK STANDARDS AND APPLICABLE SECTIONS OF THE NEW YORK DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FORM, AS AMENDED.
6. CONTRACTOR TO ENSURE ALL APPLICABLE PERMITS ARE SECURED PRIOR TO INITIATING WORK.

SEPTEMBER 25, 2020

STANTON CLEANERS
HSVE TRENCH PLAN

110 CUTTER MILL ROAD,
VILLAGE OF GREAT NECK PLAZA, NEW YORK

HRP PROJECT NO. DEC1003.OM

Prepared By:

HRP
MOVE YOUR ENVIRONMENT FORWARD

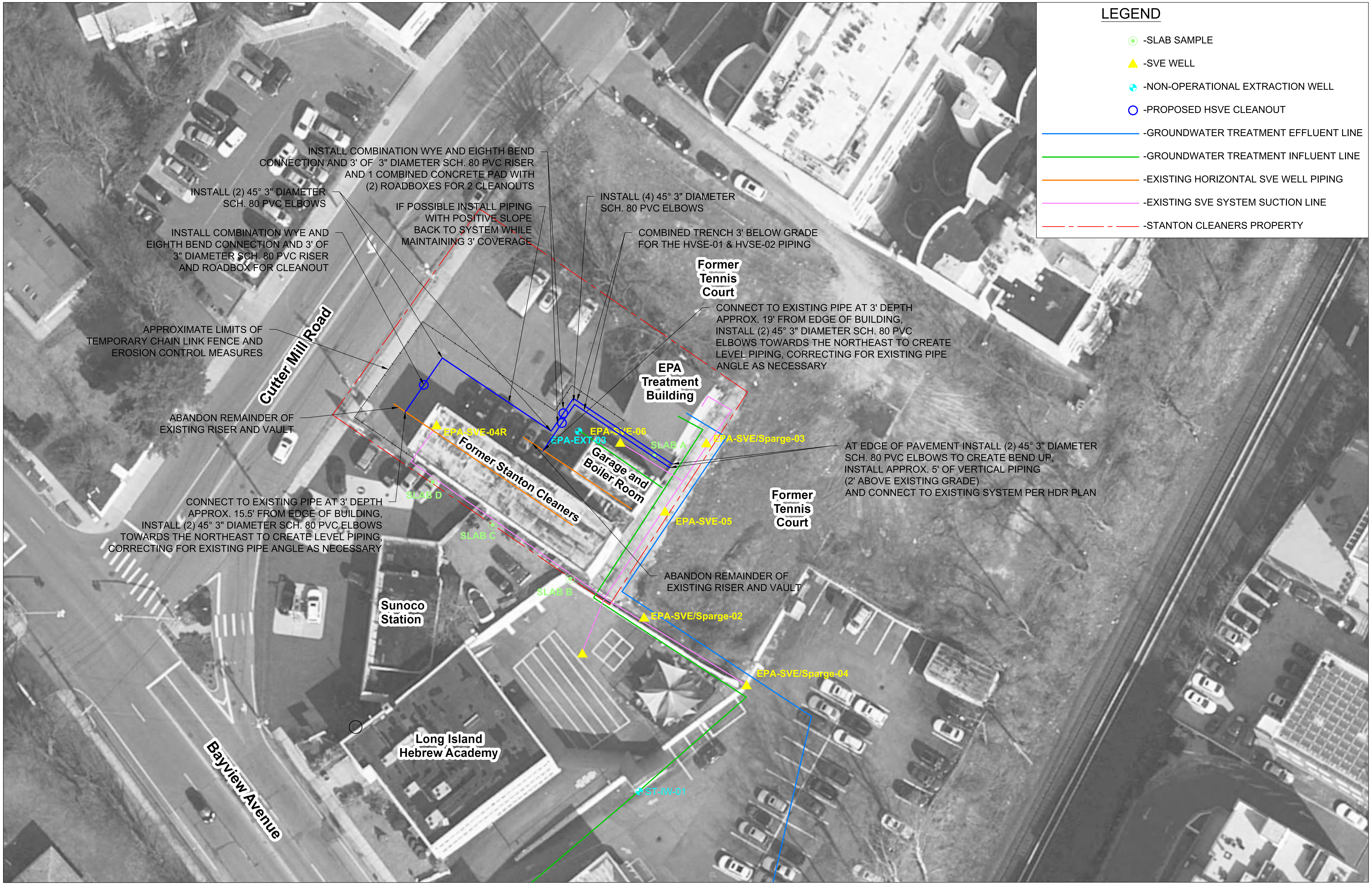
ONE FAIRCHILD SQUARE
SUITE 110
CLIFTON PARK, NY 12065
(518) 877-7101
HRPASSOCIATES.COM

Prepared For:

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
625 BROADWAY
ALBANY, NY 12233

SHEET INDEX

SHEET	TITLE / DESCRIPTION	CREATED	REVISED
	TITLE SHEET	09/25/2020	
S-1	SITE PLAN	09/25/2020	
S-2	NOTES	09/25/2020	
D-1	DETAILS	09/25/2020	



SITE LAYOUT
SCALE 1" = 20'

0 10' 20'

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NORTH

0 10' 20'

REVISIONS

NO.	DATE	DESCRIPTION

DESIGNED: CMA	SCALE: AS NOTED
DRAWN: BOB/ASB	ISSUE DATE: 09/25/2020
REVIEWED: CMA	PROJECT NUMBER: DEC1003.OM
APPROVED: DML	SHEET SIZE: 24"x36"

P.E. SEAL

STANTON CLEANERS
110 CUTTER MILL ROAD
VILLAGE OF GREAT NECK PLAZA
NEW YORK

SITE PLAN

SHEET NO.
S-1

DRAWING NAME: S:\Data\N\NYDEC - NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION\NORTH HEMPSTEAD\110 CUTTER MILL ROAD, VILLAGE OF GREAT NECK PLAZA\DEC1003OM\CAD\2 SITE PLAN.dwg LAYOUT: 2 SITE PLAN PLOT DATE: Sep 25, 2020 - 11:05am OPERATOR: ASB

TRENCHING NOTES

FILL MATERIALS
A. CONTRACTOR TO USE EXISTING EXCAVATED SOIL (NATIVE BACKFILL) AS BACK FILL PROVIDED THE SOIL IS FREE OF ROCK OR GRAVEL LARGER THAN 3.5 INCHES IN ANY DIMENSION, DEBRIS, WASTE, FROZEN MATERIALS, VEGETATION, AND OTHER DELETERIOUS MATTER.
B. SUBBASE OR SUBSOIL FILL: MATERIALS CONFORMING TO THE REQUIREMENTS OF NY-DOT STANDARD SPECIFICATIONS.
C. SAND BEDDING TO BE INSTALLED AROUND PIPING PER DETAIL ON PLANS. SAND BEDDING TO BE CERTIFIED CLEAN OR LAB ANALYSIS WILL BE REQUIRED.

LINES AND GRADES
A. LAY PIPES TO LINES AND GRADES INDICATED ON DRAWINGS.
B. MAINTAIN GRADE ALIGNMENT OF PIPE USING STRING LINE, PARALLEL WITH GRADE LINE AND VERTICALLY ABOVE CENTERLINE OF PIPE.
B.1. ESTABLISH STRING LINE ON LEVEL BATTER BOARDS AT INTERVALS OF NOT MORE THAN 25 FEET.
B.2. INSTALL BATTER BOARDS SPANNING TRENCH, RIGIDLY ANCHORED TO POSTS DRIVEN INTO GROUND ON BOTH SIDES OF TRENCH.
B.3. SET THREE ADJACENT BATTER BOARDS BEFORE LAYING PIPE TO VERIFY GRADES AND LINE.
B.4. DETERMINE ELEVATION AND POSITION OF STRING LINE FROM ELEVATION AND POSITION OF OFFSET POINTS OR STAKES LOCATED ALONG PIPE ROUTE.
B.5. DO NOT LOCATE PIPE USING SIDE LINES FOR LINE OR GRADE.

PREPARATION
A. CALL LOCAL UTILITY LINE INFORMATION SERVICE "DIG SAFELY" AT 1-800-272-4480 NOT LESS THAN THREE WORKING DAYS BEFORE PERFORMING WORK, IN ACCORDANCE WITH PUBLIC ACT 77-350.
A.1. REQUEST UNDERGROUND UTILITIES TO BE LOCATED AND MARKED WITHIN AND SURROUNDING CONSTRUCTION AREAS.
B. IDENTIFY REQUIRED LINES, LEVELS, CONTOURS, AND DATUM LOCATIONS.
C. PROTECT PLANT LIFE, LAWNS, ROCK OUTCROPPING AND OTHER FEATURES REMAINING AS PORTION OF FINAL LANDSCAPING.
D. PROTECT BENCH MARKS, EXISTING STRUCTURES, FENCES, SIDEWALKS, PAVING, AND CURBS FROM EXCAVATING EQUIPMENT AND VEHICULAR TRAFFIC.
E. MAINTAIN AND PROTECT ABOVE AND BELOW GRADE UTILITIES INDICATED TO REMAIN.
F. ESTABLISH TEMPORARY TRAFFIC CONTROL WHEN TRENCHING IS PERFORMED IN PUBLIC RIGHT-OF-WAY. RELOCATE CONTROLS AS REQUIRED DURING PROGRESS OF WORK.

TRENCHING
A. EXCAVATE SUBSOIL REQUIRED FOR UTILITIES TO INDICATED GRADIENTS, LINES, DEPTHS, AND ELEVATIONS.
B. REMOVE LUMPED SUBSOIL, BOULDERS, AND ROCK.
C. PERFORM EXCAVATION WITHIN 24 INCHES OF EXISTING UTILITY SERVICE IN ACCORDANCE WITH THE REQUIREMENTS OF THE APPROPRIATE UTILITY COMPANIES.
D. DO NOT ADVANCE OPEN TRENCH MORE THAN 200 FEET AHEAD OF INSTALLED PIPE.
E. CUT TRENCHES TO WIDTH INDICATED ON THE DETAILS SHEETS OF THE DRAWINGS. REMOVE WATER OR MATERIALS THAT INTERFERE WITH WORK.
F. EXCAVATE TRENCHES 6 INCHES DEEPER THAN BOTTOM OF PIPE ELEVATION TO ALLOW FOR BEDDING COURSE. HAND EXCAVATE FOR BELL OF PIPE.
F.1. EXCAVATE TRENCHES 12 INCHES DEEPER THAN ELEVATION REQUIRED IN ROCK OR OTHER UNYIELDING BEARING MATERIAL TO ALLOW FOR BEDDING COURSE.
G. DO NOT INTERFERE WITH 45 DEGREE BEARING SPLAY OF FOUNDATIONS.
H. WHEN PROJECT CONDITIONS PERMIT, SLOPE SIDE WALLS OF EXCAVATION STARTING 2 FEET ABOVE TOP OF PIPE. WHEN SIDE WALLS CAN NOT BE SLOPED, PROVIDE SHEETING AND SHORING TO PROTECT EXCAVATION AS SPECIFIED IN THIS SECTION.
I. WHEN SUBSURFACE MATERIALS AT BOTTOM OF TRENCH ARE LOOSE OR SOFT, EXCAVATE TO GREATER DEPTH AS DIRECTED BY ENGINEER UNTIL SUITABLE MATERIAL IS ENCOUNTERED.
J. CUT OUT SOFT AREAS OF SUBGRADE NOT CAPABLE OF COMPACTION IN PLACE. BACKFILL WITH SATISFACTORY MATERIAL IN ACCORDANCE WITH THESE NOTES, AND COMPACT TO DENSITY EQUAL TO OR GREATER THAN REQUIREMENTS FOR SUBSEQUENT BACKFILL MATERIAL.
K. TRIM EXCAVATION. HAND TRIM FOR BELL AND SPIGOT PIPE JOINTS. REMOVE LOOSE MATTER.
L. CORRECT AREAS OVER EXCAVATED AREAS WITH COMPACTED BACKFILL AS SPECIFIED FOR AUTHORIZED EXCAVATION OR REPLACE WITH FILL CONCRETE AS DIRECTED BY ENGINEER.
M. REMOVE EXCESS SUBSOIL NOT INTENDED FOR REUSE, FROM SITE.
N. STOCKPILE EXCAVATED MATERIAL IN AREA DESIGNATED ON SITE IN ACCORDANCE WITH DETAIL ON SHEET D-1.

BACKFILLING
A. BACKFILL TRENCHES TO CONTOURS AND ELEVATIONS WITH UNFROZEN FILL MATERIALS.
B. SYSTEMATICALLY BACKFILL TO ALLOW MAXIMUM TIME FOR NATURAL SETTLEMENT. DO NOT BACKFILL OVER POROUS, WET, FROZEN, OR SPONGY SUBGRADE SURFACES.
C. COMPACT UTILITY TRENCH BACKFILL MATERIAL TO NOT LESS THAN THE FOLLOWING PERCENTAGES OF MAXIMUM DRY UNIT WEIGHT ACCORDING TO ASTM D 1557 AS FOLLOWS:
C.1. UNDER PAVEMENTS:
C.1.1. USE SATISFACTORY SOIL MATERIAL. RECOMPACT TOP 12 INCHES BELOW SUBGRADE AND EACH LAYER OF BACKFILL OR FILL MATERIAL AT 95 PERCENT.
D. PLACE AND COMPACT INITIAL BACKFILL, FREE OF PARTICLES LARGER THAN 1 INCH, TO A HEIGHT OF 12 INCHES OVER THE UTILITY PIPE OR CONDUIT. CAREFULLY COMPACT MATERIAL UNDER PIPE HAUNCHES AND BRING BACKFILL EVENLY UP ON BOTH SIDES AND ALONG THE FULL LENGTH OF UTILITY PIPING OR CONDUIT TO AVOID DAMAGE OR DISPLACEMENT OF UTILITY SYSTEM. FILL VOIDS WITH APPROVED BACKFILL MATERIALS WHILE SHORING AND BRACING, AND AS SHEETING IS REMOVED.
E. EMPLOY PLACEMENT METHOD THAT DOES NOT DISTURB OR DAMAGE FOUNDATION PERIMETER DRAINAGE OR UTILITIES IN TRENCH.
F. MAINTAIN OPTIMUM MOISTURE CONTENT OF FILL MATERIALS TO ATTAIN REQUIRED COMPACTION DENSITY.
G. DO NOT LEAVE MORE THAN 50 FEET OF TRENCH OPEN AT END OF WORKING DAY.
H. PROTECT OPEN TRENCH TO PREVENT DANGER TO OWNER AND THE PUBLIC.
I. PLACE AND COMPACT BEDDING COURSE ON TRENCH BOTTOMS AND WHERE INDICATED. SHAPE BEDDING COURSE TO PROVIDE CONTINUOUS SUPPORT FOR BELLS, JOINTS, AND BARRELS OF PIPES AND FOR JOINTS, FITTINGS, AND BODIES OF CONDUITS
J. COORDINATE BACKFILLING WITH UTILITIES TESTING.
K. PLACE AND COMPACT FINAL BACKFILL OF SATISFACTORY SOIL MATERIAL TO FINAL SUBGRADE.

PROTECTION OF FINISHED WORK
A. PROTECTING GRADED AREAS: PROTECT NEWLY GRADED AREAS FROM TRAFFIC, FREEZING, AND EROSION. KEEP FREE OF TRASH AND DEBRIS. RESHAPE AND RE-COMPACT ANY FILLS SUBJECTED TO VEHICULAR TRAFFIC AS NECESSARY.
B. REPAIR AND REESTABLISH GRADES TO SPECIFIED TOLERANCES WHERE COMPLETED OR PARTIALLY COMPLETED SURFACES BECOME ERODED, RUTTED, SETTLED, OR WHERE THEY LOSE COMPACTION DUE TO SUBSEQUENT CONSTRUCTION OPERATIONS OR WEATHER CONDITIONS.
B.1. SCARIFY OR REMOVE AND REPLACE SOIL MATERIAL TO DEPTH AS DIRECTED BY ENGINEER; RESHAPE AND RECOMPACT.
C. WHERE SETTLING OCCURS BEFORE PROJECT CORRECTION PERIOD ELAPSES, REMOVE FINISHED SURFACING, BACKFILL WITH ADDITIONAL SOIL MATERIAL, COMPACT, AND RECONSTRUCT SURFACING. RESTORE APPEARANCE, QUALITY, AND CONDITION OF FINISHED SURFACING TO MATCH ADJACENT WORK, AND ELIMINATE EVIDENCE OF RESTORATION TO THE GREATEST EXTENT POSSIBLE.

ASPHALT PAVING NOTES

QUALITY ASSURANCE
A. MIXING PLANT: CONFORM TO THE STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION (NY-DOT) STANDARD SPECIFICATION FORMS.
B. OBTAIN MATERIALS FROM SAME SOURCE THROUGHOUT. CONFORM TO THE REQUIREMENTS OF NY-DOT STANDARD SPECIFICATIONS.

AMBIENT CONDITIONS
A. DO NOT PLACE ASPHALT MIXTURE WHEN AMBIENT AIR OR BASE SURFACE TEMPERATURE IS LESS THAN 40 DEGREES F, OR SURFACE IS WET OR FROZEN.

ASPHALT PAVING
A. ASPHALT MATERIALS: AS SPECIFIED ON DRAWINGS.
A.1. ASPHALT BINDER.
A.1.1. MATERIALS FOR THIS ITEM SHALL HAVE UNIFORMLY MIXED AND BLENDED LIQUID BITUMINOUS MATERIALS THAT ARE FREE OF CONTAMINANTS SUCH AS FUEL OILS AND OTHER SOLVENTS. SUCH MATERIALS SHALL BE PROPERLY HEATED AND STORED TO PREVENT DAMAGE OR SEPARATION.
B. AGGREGATE MATERIALS:
B.1. COARSE AGGREGATE: THE COARSE AGGREGATE SHALL CONSIST OF CLEAN, HARD, TOUGH, DURABLE FRAGMENTS OF CRUSHED STONE OR CRUSHED GRAVEL OF UNIFORM QUALITY, IN ACCORDANCE WITH NY-DOT STANDARD SPECIFICATIONS. AGGREGATES FROM MULTIPLE SOURCES OF SUPPLY SHALL NOT BE MIXED OR STORED IN THE SAME STOCKPILE.
B.2. FINE AGGREGATE: THE FINE AGGREGATE SHALL CONSIST OF CLEAN, HARD, TOUGH, ROUGH-SURFACED AND ANGULAR GRAINS, OF NATURAL SAND; MANUFACTURED SAND PREPARED FROM WASHED STONE SCREENINGS; STONE SCREENINGS, SLAG OR GRAVEL; OR COMBINATIONS THEREOF, IN ACCORDANCE WITH NY-DOT STANDARD SPECIFICATIONS. FINE AGGREGATES FROM MULTIPLE SOURCES OF SUPPLY SHALL NOT BE MIXED OR STORED IN THE SAME STOCKPILE.

EXAMINATION
A. VERIFY UTILITIES INDICATED UNDER PAVING ARE INSTALLED WITH EXCAVATIONS AND TRENCHES BACKFILLED AND COMPACTED.
B. VERIFY COMPACTED GRANULAR BASE IS DRY AND READY TO SUPPORT PAVING AND IMPOSED LOADS.
B.1. PROOF ROLL SUBBASE IN MINIMUM TWO PERPENDICULAR PASSES TO IDENTIFY SOFT SPOTS.
B.2. REMOVE SOFT SUBBASE AND REPLACE WITH COMPACTED FILL AS SPECIFIED IN TRENCHING NOTES.
C. VERIFY GRADIENTS AND ELEVATIONS OF BASE ARE CORRECT.
D. VERIFY GUTTER DRAINAGE GRILLES AND FRAMES, MANHOLE FRAMES AND CATCH BASIN FRAMES ARE INSTALLED IN CORRECT POSITION AND ELEVATION.

PREPARATION
A. PREPARE SUBBASE IN ACCORDANCE WITH NY-DOT STANDARD SPECIFICATIONS.

INSTALLATION
A. SUBBASE:
A.1. AGGREGATE SUBBASE: INSTALL AS SHOWN ON DETAIL.
B. BASE:
B.1. BASES OF 4 INCHES (150 MILLIMETERS) OR LESS IN SPECIFIED DEPTH MAY BE CONSTRUCTED IN ONE COURSE; BASES OVER 4 INCHES (150 MILLIMETERS) IN SPECIFIED DEPTH SHALL BE CONSTRUCTED IN TWO COURSES OF EQUAL DEPTH
C. PRIMER:
C.1. APPLY PRIMER IN ACCORDANCE WITH NY-DOT STANDARD SPECIFICATIONS, INCLUDING SUPPLEMENTAL SPECIFICATIONS.
C.2. USE CLEAN SAND TO BLOT EXCESS PRIMER.
D. TACK COAT:
D.1. APPLY TACK COAT ON SURFACES OVER SUBGRADE SURFACE AT UNIFORM RATE IMMEDIATELY BEFORE OVERLAYING.
D.1.1. ALL SURFACES THAT HAVE BEEN IN PLACE LONGER THAN FIVE CALENDAR DAYS SHALL HAVE AN APPLICATION OF TACK COAT.
D.1.2. THE TACK COAT SHALL BE APPLIED BY A NON-GRAVITY PRESSURIZED SPRAY SYSTEM THAT RESULTS IN UNIFORM OVERLAPPING COVERAGE AT AN APPLICATION RATE OF 0.05 TO 0.15 GALLONS PER SQUARE YARD.
D.1.3. GRAVITY-FED SYSTEMS ARE NOT ACCEPTABLE FOR TACK COAT APPLICATION. THE ENGINEER MUST APPROVE THE EQUIPMENT AND THE METHOD OF MEASUREMENT PRIOR TO USE.
D.1.4. THE MATERIAL FOR TACK COAT SHALL NOT BE HEATED IN EXCESS OF 160° (70°C) AND SHALL NOT BE FURTHER DILUTED.
D.2. APPLY TACK COAT TO ALL CONTACT SURFACES SUCH AS GUTTERS, MANHOLES AND CONCRETE BARRIERS.
D.3. COAT SURFACES OF MANHOLE AND CATCH BASIN FRAMES WITH OIL TO PREVENT BOND WITH ASPHALT PAVING. DO NOT TACK COAT THESE SURFACES.

PROTECTION
A. IMMEDIATELY AFTER PLACEMENT, PROTECT PAVING FROM MECHANICAL INJURY UNTIL SURFACE TEMPERATURE IS LESS THAN 140 DEGREES F.
B. TRAFFIC SHOULD BE KEPT OFF OF PAVING FOR A PERIOD OF NOT LESS THAN 24 HOURS AND UNTIL THE PAVEMENT HAS SET SUFFICIENTLY TO PREVENT INJURY TO THE WORK.

SAWCUT AND PATCH
A. EQUIPMENT USED FOR SAWING BITUMINOUS CONCRETE PAVEMENT SHALL BE A GASOLINE POWERED WET BLADE PAVEMENT SAW. CUTTING TYPE ROLLER BLADES WILL NOT BE ALLOWED. EXISTING BITUMINOUS CONCRETE SHALL BE CAREFULLY REMOVED SO AS NOT TO DISTURB THE EXISTING PAVEMENT TO REMAIN.
B. THE EXISTING BITUMINOUS CONCRETE SHALL BE REMOVED COMPLETELY FROM WITHIN AREA SAWCUT TO ITS FULL DEPTH.
C. MATERIAL REMOVED DURING THIS OPERATION SHALL BE PROPERLY DISPOSED OF OFF-SITE.
D. NO PERMANENT PAVEMENT SHALL BE PLACED OVER BACKFILL UNTIL COMPACTION HAS BEEN COMPLETED.
E. THE CONTRACTOR WILL BE REQUIRED TO HOSE CLEAN OR SWEEP ALL ROAD SURFACES AFTER BACKFILLING AND BEFORE ANY SURFACING IS DONE.
F. BASE MATERIAL SHALL BE APPROVED GRANULAR BASE HAVING A MINIMUM THICKNESS AS INDICATED ON THE DRAWINGS.
G. THE EXISTING EDGES OF ALL PAVEMENT ALONG THE LINE OF THE EXCAVATION SHALL BE SAW CUT BACK FROM EXPOSED EDGES THEREOF, A SUFFICIENT DISTANCE TO FORM A SHARP, CLEAN, STRAIGHT EDGE. THE MINIMUM LATERAL CUTBACK FROM TOP OF TRENCH WALL WILL BE ONE (1) FOOT. THE CUT BACK PAVEMENT WILL BE CAREFULLY REMOVED.
H. A BITUMINOUS CONCRETE SURFACE SHALL BE CONSTRUCTED TO MATCH THE THICKNESS INDICATED ON THE DRAWINGS. THE EDGES OF ABUTTING BITUMINOUS SURFACING SHALL BE PAINTED WITH AN EMULSION TO ASSURE A SATISFACTORY, WATERTIGHT BOND BETWEEN THE TWO MATERIALS.
I. THE BITUMINOUS PAVEMENT COURSES SHALL BE ROLLED THOROUGHLY USING ROLLERS WEIGHING APPROXIMATELY TEN (10) TONS, BUT NOT HEAVY ENOUGH TO DAMAGE EXISTING PAVEMENT.

POLLUTION PREVENTION MEASURES

TAKE THE FOLLOWING STEPS TO PREVENT LITTER, CHEMICALS AND DEBRIS FROM ENTERING STORM DRAINS AND DISCHARGES:

A. PROPERLY INSTALL AND MAINTAIN EROSION AND SEDIMENT CONTROL DEVICES AS OUTLINED IN THE PROJECT DOCUMENTS AND IN COMPLIANCE WITH THE LATEST EDITION OF THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.

B. PROPERLY CONTAIN AND DISPOSE OF ALL MATERIALS USED ON SITE.

C. CLEAN UP SPILLS IMMEDIATELY TO MINIMIZE SAFETY HAZARD AND PREVENT SPREADING.

D. ROUTINELY INSPECT AND CLEAN OUT CATCH BASINS AND STORM LINES.

E. LABEL ALL STORM INLETS AS "NO DUMPING".

F. CONTROL LITTER BY SWEEPING AND PICKING IT UP DAILY.

G. IF POSSIBLE, DO NOT STORE FUEL OR PETROLEUM PRODUCTS ON-SITE. IF FUEL/PETROLEUM PRODUCTS ARE STORED ON SITE:

1. USE SECONDARY CONTAINMENT MEASURES.
2. HAVE EQUIPMENT ON SITE TO CONTAIN AND CLEAN UP SPILLS IN FUEL STORAGE AREAS OR ON BOARD MAINTENANCE AND FUELING VEHICLES.
3. CONTAIN AND CLEAN UP SPILLS IMMEDIATELY.
4. USE PREVENTATIVE MAINTENANCE FOR ON-SITE EQUIPMENT.
5. OVERSEE ALL FILLING OPERATIONS.

H. PRACTICE GOOD HOUSEKEEPING AND EDUCATE EMPLOYEES ON POLLUTION PREVENTION MEASURES.

1. STORE ON-SITE MATERIALS AND CHEMICALS IN NEAT AND ORDERLY MANNER AND IN AREAS DESIGNATED FOR SUCH STORAGE.
2. ROUTINELY DISPOSE OF GARBAGE, RUBBISH, CONSTRUCTION WASTE AND SANITARY WASTE.
3. PROMPTLY CLEAN UP ANY SPILLS.
4. CLEANUP SEDIMENTS TRACKED ONTO ROADWAYS OR THAT HAVE TRANSPORTED BY STORM WATER OR WIND TO OTHER AREAS OR ADJACENT PROPERTIES.
5. EMPLOY DUST CONTROL METHODS.

I. FOR CONSTRUCTION WASTE:

1. SELECT A DESIGNATED WASTE AREA COLLECTION ON SITE.
2. PROVIDE AN ADEQUATE NUMBER OF CONTAINERS WITH LIDS OR COVERS THAT CAN BE PLACED OVER CONTAINERS PRIOR TO RAINFALL.
3. WHEN POSSIBLE, LOCATE CONTAINERS IN A COVERED AREA.
4. ARRANGE FOR WASTE COLLECTION PRIOR TO CONTAINER OVERFLOW.
5. IF A CONTAINER DOES SPILL, CLEAN UP IMMEDIATELY.
6. CONSTRUCTION WASTE SHALL BE COLLECTED, REMOVED AND DISPOSED OF ONLY IN AUTHORIZED DISPOSAL AREAS.
7. DISPOSAL METHODS SHALL MEET THE REQUIREMENTS OF FEDERAL, STATE AND LOCAL AUTHORITIES.

J. PROVIDE AND MAINTAIN TEMPORARY SANITARY FACILITIES. DOMESTIC WASTE HAULERS SHALL BE CONTRACTED TO REGULARLY REMOVE THE SANITARY WASTES AND TO MAINTAIN THE FACILITIES IN GOOD WORKING ORDER.

ON SITE MATERIAL STORAGE

UTILIZE THE POLLUTION PREVENTION MEASURES OUTLINED ABOVE TO PREVENT POLLUTANTS FROM STORED MATERIALS FROM REACHING THE STORM WATER CONVEYANCE DEVICES AND DISCHARGES.

DESCRIPTION OF EROSION AND SEDIMENT CONTROL PRACTICES

A. SILT BOOM: SILT BOOM REDUCES RUNOFF VELOCITY AND CAUSES SETTLING OF SEDIMENT. INSTALL SILT FENCE PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES, INSTALL AROUND ANY STOCKPILED SOIL MATERIALS.

B. TEMPORARY STORM INLET PROTECTION: STORM INLET PROTECTION INTERCEPTS SEDIMENT LADEN RUNOFF AND TRAPS SEDIMENT TO PROTECT THE DRAINAGE SYSTEM. INSTALL AROUND EXISTING CATCH BASINS PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES. STORM INLET PROTECTION SHALL BE PROVIDED AT EACH NEW CATCH BASIN AS IT IS INSTALLED.

C. DUST CONTROL: TEMPORARY AND PERMANENT STABILIZATION MEASURES, SUCH AS SEEDING, MULCHING AND INSTALLING EROSION AND SEDIMENT CONTROL BLANKETS, WILL PREVENT DUST FROM BLOWING OFF SITE. INSTALL THESE MEASURES AS SOON AS FINAL GRADES ARE REACHED AND ON SOIL STOCKPILES AND DISTURBED AREAS TO BE LEFT FOR LONGER THAN 14 DAYS.

EROSION AND SEDIMENT CONTROL PRACTICES IMPLEMENTATION SCHEDULE

PRACTICE	INITIAL PLACEMENT	DURATION OF USE
SILT BOOM	PRIOR TO CONSTRUCTION ACTIVITIES	UNTIL SITE STABILIZATION
STORM INLET PROTECTION	PRIOR TO CONSTRUCTION ACTIVITES	UNTIL SITE STABILIZATION
DUST CONTROL	COMMENCEMENT OF CONSTRUCTION ACTIVITIES	UNTIL SITE STABILIZATION

EROSION AND SEDIMENT CONTROL AND STORM WATER CONTROL DEVICE MAINTENANCE

CONSTRUCTION DURATION

ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS OF EVERY RAINFALL EVENT OF 0.5 INCHES OR GREATER.

A. SILT BOOM SHALL BE REPLACED WHEN TORN, IS BULGING OR NO LONGER MEETING THE INSTALLATION DETAILS.

B. OUTLETS SHALL BE CHECKED FOR SCOURING AND OBSTRUCTIONS. ANY DEFICIENCIES SHALL BE REPAIRED.

C. DRAINAGE STRUCTURES AND PIPING SHALL BE CHECKED FOR CLOGGING AND SEDIMENT ACCUMULATION AND CLEANED IF REQUIRED.

PROJECT COMPLETION

AT PROJECT COMPLETION AND PRIOR TO PROJECT CLOSE OUT, INSPECT ALL PERMANENT EROSION AND SEDIMENT CONTROL AND STORM WATER MANAGEMENT PRACTICES.

D. ACCEPTABLE VEGETATION ESTABLISHMENT IN ACCORDANCE WITH SPECIFICATION SECTION 0291.

E. RIP RAP LINED CHANNELS SHALL BE INSPECTED FOR UNDERMINING AND CHANNEL OBSTRUCTION. MISSING MATERIAL SHALL BE REPLACED, OBSTRUCTIONS REPAIRED AND MATERIALS REPLACED.

F. OUTLETS SHALL BE CHECKED FOR SCOURING AND OBSTRUCTIONS. ANY DEFICIENCIES SHALL BE REPAIRED.

G. DRAINAGE STRUCTURES AND PIPING SHALL BE CHECKED FOR CLOGGING AND SEDIMENT ACCUMULATION AND CLEANED IF REQUIRED.

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REVISIONS

NO.	DATE	DESCRIPTION

DESIGNED: CMA
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REVIEWED: CMA
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SCALE: AS NOTED
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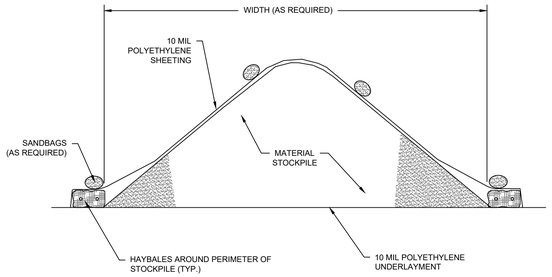
PROJECT NUMBER: DEC1003.OM
SHEET SIZE: 24"x36"

P.E. SEAL

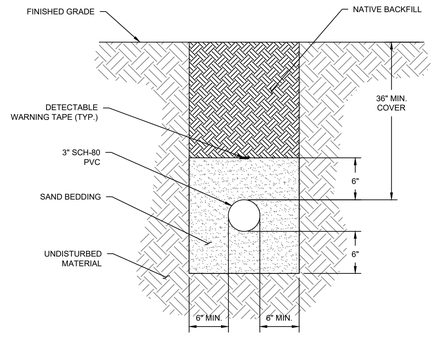
STANTON CLEANERS
110 CUTTER MILL ROAD
VILLAGE OF GREAT NECK PLAZA
NEW YORK

NOTES

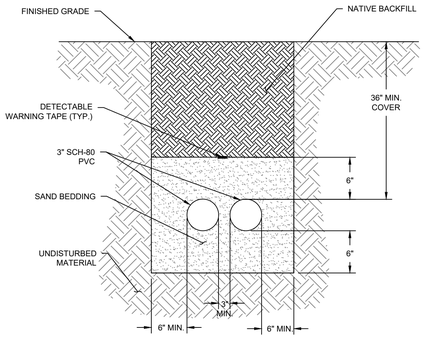
SHEET NO.
S-2



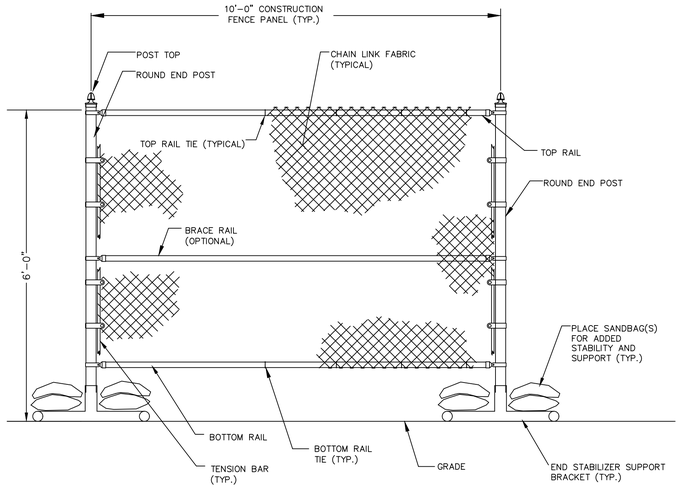
SEDIMENT CONTROL FOR STOCKPILES
NOT TO SCALE



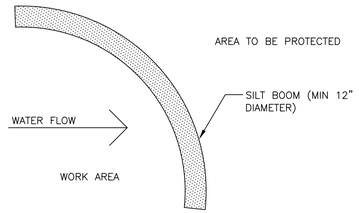
HSVE TRENCH
NOT TO SCALE



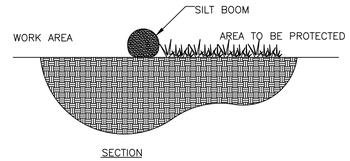
HSVE COMBINED TRENCH
NOT TO SCALE



PORTABLE CONSTRUCTION CHAIN LINK FENCE
NOT TO SCALE



PLAN



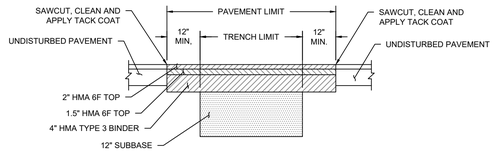
SECTION

NOTES:
1. CONTRACTOR SHALL MAINTAIN IN A FUNCTIONAL CONDITION AT ALL TIMES AND BE ROUTINELY INSPECTED
2. IF DAMAGED, IT SHALL BE REPAIRED OR REPLACED
3. CONTRACTOR SHALL REMOVE SEDIMENT IN THE BASE OF THE UPSLOPE SIDE WHEN ACCUMULATION HAS REACHED 1/2 OF EFFECTIVE HEIGHT WHICH SHALL BE DETERMINED BASED ON TABLE 1 OR AS DIRECTED BY CITY OR ENGINEER.
4. SILT BOOM SHALL BE MAINTAINED UNTIL DISTURBED AREA HAS BEEN PERMANENTLY STABLIZED AND CONSTRUCTION ACTIVITY HAS CEASED.

TABLE 1

SILT BOOM DIAMETER	EFFECTIVE HEIGHT	HALF OF EFFECTIVE HEIGHT
12 INCHES	9.5 INCHES	4.8 INCHES
18 INCHES	14.5 INCHES	7.3 INCHES
24 INCHES	19 INCHES	9.5 INCHES

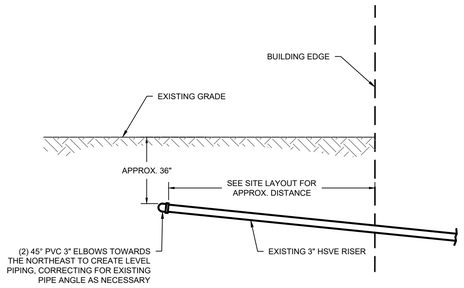
SILT BOOM
NOT TO SCALE



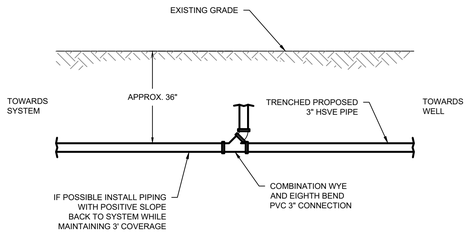
NOTES:

1. THE CONTRACTOR SHALL SAWCUT ALL EXISTING PAVEMENT AT THE LIMITS OF PERMANENT PAVEMENT UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

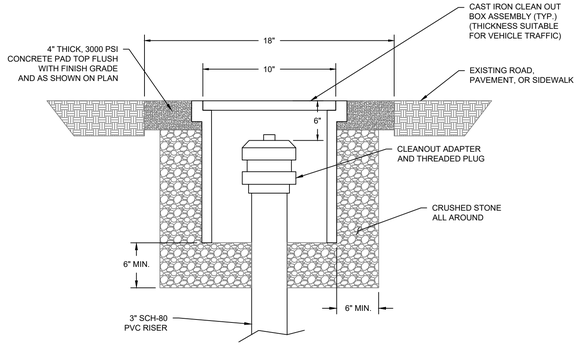
BITUMINOUS CONCRETE TRENCH REPAIR
NOT TO SCALE



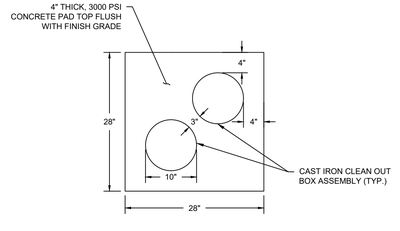
CONNECTION TO EXISTING HSVE
NOT TO SCALE



CONNECTION TO CLEANOUT
NOT TO SCALE



CLEANOUT
NOT TO SCALE



COMBINED CONCRETE PAD FOR ADJACENT CLEANOUTS
NOT TO SCALE

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REVISIONS

NO.	DATE	DESCRIPTION

DESIGNED: CMA
DRAWN: ASB
SCALE: AS NOTED
ISSUE DATE: 09/25/2020
REVIEWED: CMA
PROJECT NUMBER: DEC1003.OM
APPROVED: DML
SHEET SIZE: 24"x36"

P.E. SEAL

STANTON CLEANERS
110 CUTTER MILL ROAD
VILLAGE OF GREAT NECK PLAZA
NEW YORK

DETAILS

SHEET NO.
D-1