



**TOWN OF NEWBURGH
PLANNING BOARD**

PROJECT NAME: UNITY PLACE WAREHOUSE
PROJECT NO.: 21-29
PROJECT LOCATION: NORTHWEST CORNER OF OLD LITTLE BRITAIN RD. & UNITY WAY
SECTION 95, BLOCK 2, LOT 14.1 & 19.12
REVIEW DATE: 30 DECEMBER 2022
MEETING DATE: 5 JANUARY 2023
PROJECT REPRESENTATIVE: BROOKER ENGINEERING

1. A City of Newburgh flow acceptance letter has been requested.
2. Security for storm water/erosion & sediment control is required.
3. Security for landscaping is required. Landscaping security amount should be coordinated with Karen Arent's office. Town Board approval for landscaping and storm water security amounts required.
4. The Town Attorney's comments regarding weight restrictions on Old Little Britain Road should be addressed. Weight restrictions may be associated with the Culvert (Murphy's Ditch) located West of the project site.
5. The applicants are requested to address traffic impacts and "fair share contribution" to any improvements required at Old Little Britain Road intersections.
6. Coverage under the NYSDEC Construction SPDES Permit is required. This office will process a municipal authorization upon request.
7. Confirmation that the project is within the Sewer District and not subject to an Outside User Agreement should be provided.
8. Confirmation of the lot combination should be received.

Respectfully submitted,

MHE Engineering, D.P.C.

A handwritten signature in blue ink that reads 'Patrick J. Hines'.

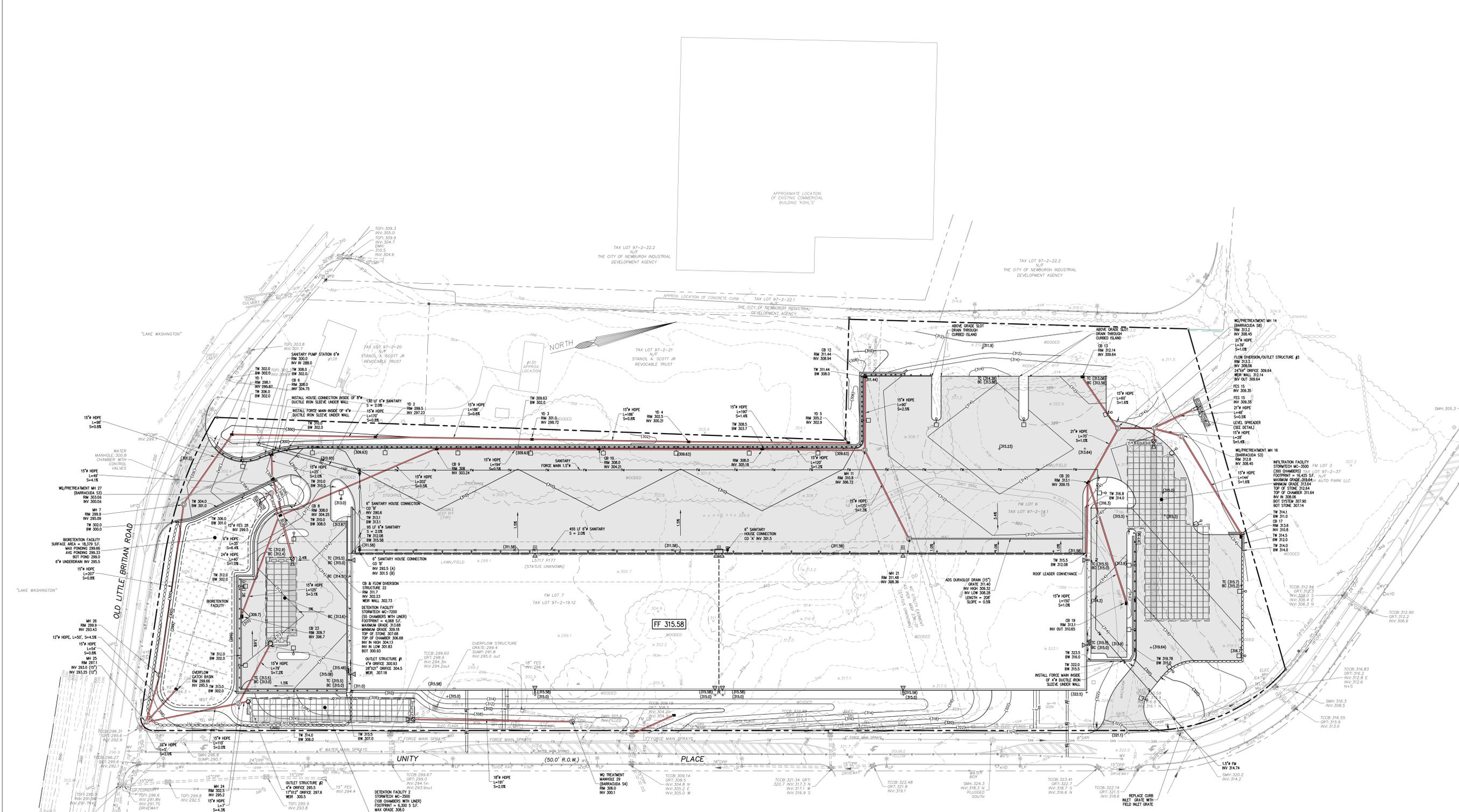
Patrick J. Hines
Principal
PJH/ltn

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REV	DESCRIPTION	BY	DATE
4	AS PER 10/03/22 M.E. ENGINEERING COMMENTS	MT	10/20/22
3	AS PER 09/02/22 M.E. ENGINEERING COMMENTS	MT	09/26/22
2	PUMP STATION DESIGN & WATER NOTES	JO	08/23/22
1	AS PER 6/16/2022 PLANNING BOARD COMMENTS	JO	07/11/2022

CONSTRUCTION NOTES:

- CONTRACTOR SHALL FIELD LOCATE ALL EXISTING UTILITIES AND VERIFY ALL LOCATIONS, ELEVATIONS, INVERTS, ETC. PRIOR TO ANY CONSTRUCTION AND NOTIFY THE DESIGN ENGINEER OF ANY DISCREPANCIES ON THIS PLAN.
- CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES AND HAVE ALL UTILITIES FIELD LOCATED BY RESPECTIVE UTILITY COMPANY AND SHALL ASSUME FULL RESPONSIBILITY AND SHALL BE SOLELY RESPONSIBLE FOR MAINTAINING CONTINUOUS UTILITY SERVICE AND REPAIRS TO ANY DAMAGE.
- PROTECT SAFETY AND TRAFFIC MAINTENANCE ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR TO COORDINATE WITH ALL COMPANIES TO ASSURE ADEQUATE SUPPLY AND SCHEDULING OF NEW SERVICE WHERE REQUIRED, TO FIT THE CONSTRUCTION SCHEDULING AND SEQUENCE TO ASSURE NO DAMAGE OR DISRUPTION TO EXISTING SERVICES. IF THE CONTRACTOR DAMAGES ANY MATERIALS WHICH ARE TO REMAIN IN PLACE, THE DAMAGED MATERIALS SHALL BE REPAIRED OR REPLACED IN A MANNER SATISFACTORY TO THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR IS RESPONSIBLE TO NOTIFY THE OWNER AND ENGINEER OF ANY UNANTICIPATED UTILITIES ENCOUNTERED AND MAINTAIN THE UTILITIES IN WORKING ORDER UNTIL THEIR DISPOSITION IS RESOLVED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RELOCATION, PROTECTION AND/OR TEMPORARY SUPPORT OF ANY UTILITIES ENCOUNTERED WITHIN THE WORK AREA.
- THE CONTRACTOR SHALL COORDINATE DIRECTLY WITH EACH AFFECTED UTILITY COMPANY, SHALL APPLY FOR AND OBTAIN THE NECESSARY PERMITS AND APPROVALS, AND SHALL INITIATE AND COORDINATE ALL INSPECTIONS NECESSARY FOR FINAL APPROVAL AND ACCEPTANCE BY THE SUBJECT UTILITY COMPANY.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING CONTINUOUS SERVICE OF ALL EXISTING UTILITIES WITHIN THE WORK AREA AT ALL TIMES. CONTRACTOR SHALL COORDINATE ANY REPAIR, RELOCATION OR REMOVAL OF EXISTING UTILITIES WITH EACH RESPECTIVE UTILITY COMPANY AND PROVISIONS MUST BE PROVIDED FOR TEMPORARY SERVICE OF ALL RESPECTIVE UTILITY SERVICE AFFECTED BY THE CONSTRUCTION IN THE EVENT OF ANY DISRUPTION TO THE EXISTING UTILITY. SCHEDULING SHALL BE AT THE DISCRETION OF THE RESPECTIVE UTILITY COMPANIES AND COORDINATED WITH THE MUNICIPALITY AND THE ENGINEER FOR PUBLIC NOTICE IF NECESSARY. TEMPORARY SERVICE SHALL BE PROVIDED AND MAINTAINED AT NO ADDITIONAL COST.

- 10. ALL STORM DRAINAGE PIPE TO BE HIGH DENSITY POLYETHYLENE PIPE (HDPE) WITH SMOOTH INTERIOR UNLESS OTHERWISE SPECIFIED.**
- 11. WATER SERVICE LINES FOUR (4) INCHES AND LARGER IN DIAMETER SHALL BE CAST IRON DUCTILE IRON PIPE CONFORMING TO ANS/AWWA C151/A21.5 FOR DUCTILE IRON PIPE, LATEST REVISION. JOINTS SHALL BE EITHER PUSH-ON OR MECHANICAL JOINT AS REQUIRED.**
- 12. SANITARY SEWER PIPE SHALL BE 30R-35 PVC.**
- 13. THURST RESTRAINT OF THE PIPE SHALL BE THROUGH THE USE OF JOINT RESTRAINT THURST BLOCKS ARE NOT ACCEPTABLE. JOINT RESTRAINT SHALL BE THROUGH THE USE OF MECHANICAL JOINT WITH RETAINER GLANDS. ALL FITTINGS AND VALVES SHALL ALSO BE INSTALLED WITH RETAINER GLANDS FOR JOINT RESTRAINT. RETAINER GLANDS SHALL BE EBRA IRON METALUS SERIES 1100 OR APPROVED EQUAL. THE USE OF A MANUFACTURED RESTRAINTED JOINT PIPE IS ACCEPTABLE WITH PRIOR APPROVAL OF THE WATER DEPARTMENT.**
- 14. ALL FITTINGS SHALL BE CAST IRON OR DUCTILE IRON, MECHANICAL JOINT CLASS 250 CONFORM TO ANS/AWWA C151/A21.5 FOR DUCTILE IRON COMPACT FITTINGS, LATEST REVISION.**
- 15. ALL VALVES 4" TO 12" INCHES SHALL BE RESILIENT GATE VALVES CONFORMING TO ANS/AWWA C200 SUCH AS MUELLER MODEL A-2300-23 OR APPROVED EQUAL. ALL GATE VALVES SHALL OPEN LEFT (COUNTERCLOCKWISE).**
- 16. TAPPING SLERVE SHALL BE MECHANICAL JOINT SUCH AS MUELLER H-415 OR EQUAL. TAPPING VALVES 4" TO 12" INCHES SHALL BE RESILIENT GATE VALVES CONFORM TO ANS/AWWA C200 SUCH AS MUELLER MODEL A-2300-23 OR APPROVED EQUAL. ALL TAPPING VALVES AND VALVES SHALL BE TESTED TO 150 PSI MINIMUM. TESTING OF THE TAPPING SLERVE AND VALVE MUST BE WITNESSED AND ACCEPTED BY THE TOWN OF NEWBURGH WATER DEPARTMENT PRIOR TO CUTTING INTO THE PIPE.**
- 17. ALL HYDRANTS SHALL BE CLOW-BODY F-2940 CONFORMING TO AWWA STANDARD C-502, LATEST REVISION. ALL HYDRANTS SHALL INCLUDE A 1/2" INCH VALVE GROWING, TWO (2) 1/2" INCH DIAMETER NPT HOSE NOZZLES, ONE (1) INCH NPT STEAMER NOZZLE, A 6" INCH DIAMETER INLET CONNECTION AND A 1 1/2" INCH PENETRATION OPERATING NUT. ALL HYDRANTS SHALL OPEN LEFT (COUNTER-CLOCKWISE). HYDRANTS TO BE INSTALLED TO BE DEDICATED TO THE TOWN SHALL BE EQUIPPED WITH YELLOW HYDRANTS LOCATED ON PRIVATE PROPERTY SHALL BE RED.**
- 18. ALL WATER SERVICE LINES TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE TYPE K COPPER TUBING. COPPERATION STOPS SHALL BE MUELLER H-10300 FOR 1/2" AND 1" INCH, MUELLER H-10300 OR B-25000 FOR 1 1/2" AND 2" INCH SIZES. CURB VALVES SHALL BE MUELLER H-10300 FOR 1/2" AND 1" INCH, MUELLER H-10340 FOR 1 1/2" AND 2" INCH SIZES. CURB BOXES SHALL BE MUELLER H-10340 FOR 1/2" AND 1" INCH AND MUELLER H-10300 FOR 1 1/2" AND 2" INCH SIZES.**
- 19. ALL PIPE INSTALLATION SHALL BE SUBJECT TO INSPECTION BY THE TOWN OF NEWBURGH WATER DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL INSPECTIONS AS REQUIRED WITH THE TOWN OF NEWBURGH WATER DEPARTMENT.**
- 20. THE WATER MAIN SHALL BE TESTED, DISCONNECTED AND FLUSHED IN ACCORDANCE WITH THE TOWN OF NEWBURGH REQUIREMENTS. ALL TESTING, DISSECTION AND FLUSHING SHALL BE COORDINATED WITH THE TOWN OF NEWBURGH WATER DEPARTMENT. PRIOR TO PUTTING THE WATER MAIN IN SERVICE SATISFACTORY SANITARY RESULTS FROM A CERTIFIED LAB MUST BE SUBMITTED TO THE TOWN OF NEWBURGH WATER DEPARTMENT. THE TEST SAMPLES MUST BE COLLECTED BY A REPRESENTATIVE OF THE TESTING LABORATORY AND WITNESSED BY THE WATER DEPARTMENT.**
- 21. THE FINAL LAYOUT OF THE PROPOSED WATER AND/OR SEWER CONNECTION, INCLUDING ALL MATERIALS, SIZE AND LOCATION OF SERVICE AND ALL APPURTENANCES, IS SUBJECT TO THE REVIEW AND APPROVAL OF THE TOWN OF NEWBURGH WATER AND/OR SEWER DEPARTMENT. PERMITS SHALL BE ISSUED FOR A WATER AND/OR SEWER CONNECTION UNTIL A FINAL LAYOUT IS APPROVED BY THE RESPECTIVE DEPARTMENT.**

LEGEND (EXISTING)

DRAINAGE INLET W/PIPES	□
DRAIN MANHOLE WITH PIPES	□
TOP CURB @ CATCH BASIN	□
TOP CURB @ FIELD INLET	□
REINFORCED CONCRETE PIPE	□
CORRUGATED PLASTIC PIPE	□
UTILITY POLE WITH LIGHT	□
UTILITY POLE	□
WATER VALVE	□
HYDRANT	□
GAS VALVE	□
SOIL WITH ITEM	□
OVERHEAD WIRES	□
GAS LINE	□
UTILITY POLE	□
WATER LINE	□
ELECTRIC LINE	□
TELEPHONE LINE	□
FORCE MAIN	□
SANITARY LINE	□
CONTOUR LINE	□

LEGEND (PROPOSED)

CLEAN OUT	□
SANITARY SEWER MANHOLE	□
CATCH BASIN	□
OUTLET STRUCTURE	□
DRAINAGE MANHOLE	□
FLARE END SECTION	□
HEAD HULL	□
SPOT ELEVATION	□
BUILDING DOOR LOCATION	□
LOADING DOCK LOCATION	□
DRAINAGE PIPE	□
GAS SERVICE	□
HOUSE CONNECTION	□
WATER SERVICE (FIRE)	□
WATER SERVICE (DOMESTIC)	□
SEWERAGE	□
PROPERTY LINE	□
YARD LINE	□
CURB	□
BOUNDARY	□
STEEL RAIL	□
RETAINING WALL	□
FEEDLINE PARAPET WALL	□
PAVEMENT	□
SEWERAGE	□

DISCLAIMER:
UNAUTHORIZED ALTERATION OR ADDITIONS TO THESE PLANS IS A VIOLATION OF THE N.Y.S. EDUCATION LAW, ARTICLE 145, SECTION 7209, SUBSECTION 2.

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AND DEVELOPMENT - MUNICIPAL, STRUCTURAL, HYDROLOGICAL - SURVEYING
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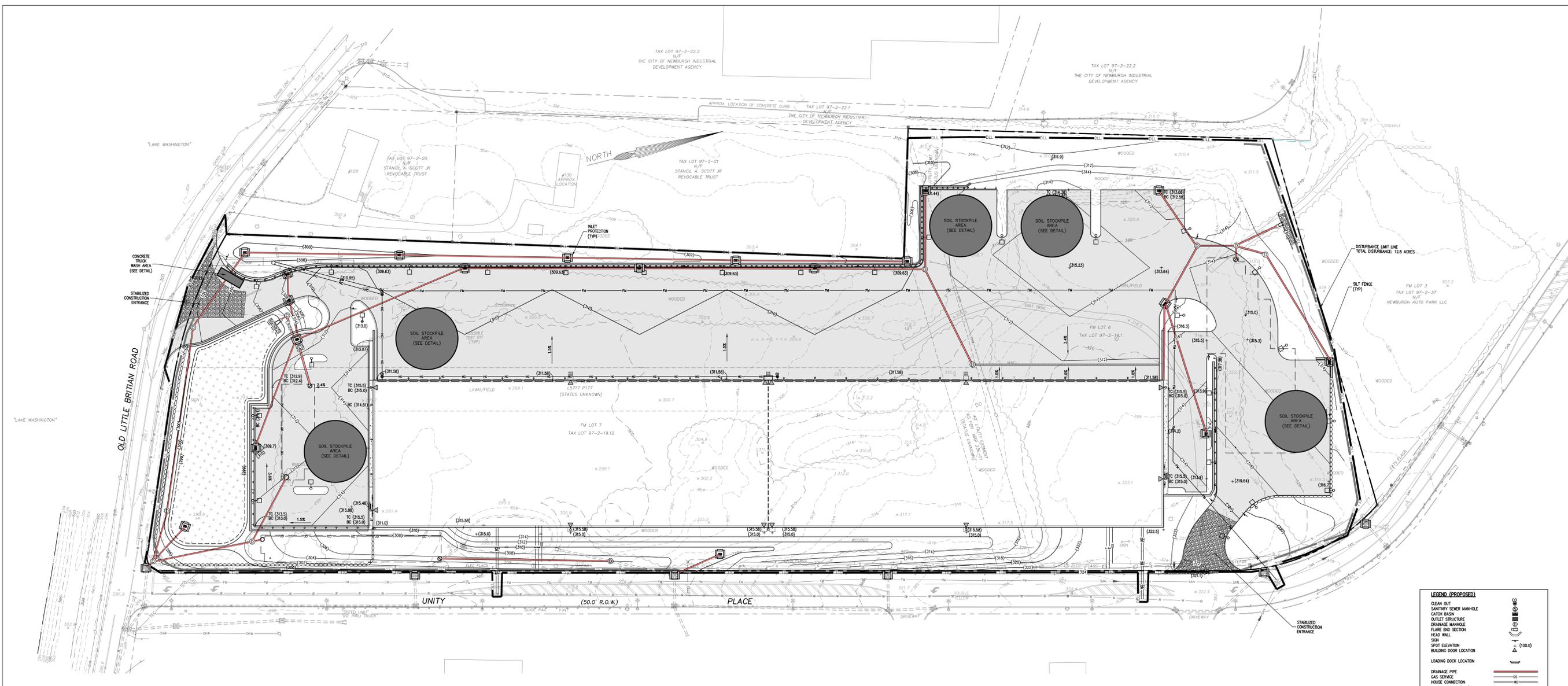
74 Lafayette Avenue, Suite 501 Suffern, NY 10901 (845) 357-4411
22 Paris Avenue, Suite 105 Roseton, NY 01941 (207) 684-1221

PROJECT:
UNITY PLACE WAREHOUSE
TOWN OF NEWBURGH
ORANGE COUNTY
NEW YORK

TITLE:
GRADING, DRAINAGE
& UTILITY PLAN

PROJECT NO:	21202	CHECKED:	DR
DRAWING NO:	JO	DATE:	05/27/2022

SCALE: 1" = 40'
GRAPHIC SCALE: 0' 20' 40'



STANDARD EROSION CONTROL NOTES:

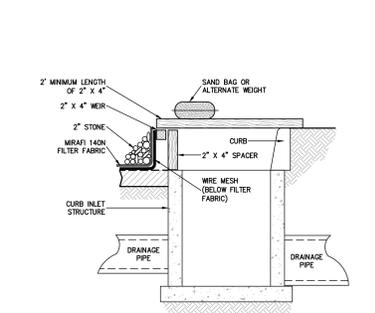
1. ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL, AND SHALL BE INSTALLED IN PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT STABILIZATION IS ESTABLISHED.
2. THE SITE AT ALL TIMES SHALL BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
3. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AND INSPECTING ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES ON A REGULAR BASIS, INCLUDING AFTER EVERY STORM EVENT.
4. STOCKPILES ARE NOT TO BE LOCATED ON A SLOPE, ROADWAY OR DRAINAGE FACILITY. THE BASE OF ALL STOCKPILES SHALL BE CONTAINED BY A HALF BALL SEDIMENT BARRIER OR SILT FENCE.
5. A CRUSHED STONE, WHEEL-CLEANING BLANKET SHALL BE INSTALLED WHEREVER A CONSTRUCTION ACCESS ROAD INTERSECTS ANY PAVED ROADWAY IN ACCORDANCE WITH THE NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL. IMMEDIATELY ADJACENT ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES.
6. DUST SHALL BE CONTROLLED AT ALL TIMES IN ACCORDANCE WITH THE NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
7. TEMPORARY SEDIMENT ENTRANCE AREAS SHALL BE PROVIDED AT NEW LOCATIONS TO INTERCEPT AND CLARIFY SILT LAUGH RUNOFF FROM THE SITE. THESE MAY BE EXCAVATED OR MAY BE CREATED UTILIZING EXISTING BENCH, RIP-RAP OR CRUSHED STONE DAMS. HAY BALE, OR OTHER CHANNELIZATION SHALL BE CONSTRUCTED TO INSURE THAT ALL SILT LAUGH WATERS ARE DIRECTED INTO THE ENTRANCE AREAS, WHICH SHALL NOT BE PERMITTED TO FILL IN, BUT SHALL BE CLEANED PERIODICALLY DURING THE COURSE OF CONSTRUCTION. THE COLLECTION SILT SHALL BE DEPOSITED IN AREAS SAFE FROM FURTHER DISTURBANCE.
8. ALL DISTURBED AREAS, EXCEPT ROADWAYS, WHICH WILL REMAIN OPEN OR UNFINISHED FOR MORE THAN 10 DAYS SHALL BE TEMPORARILY SEEDING WITH 1/2 LB. OF THE GRASS OR MULCHED WITH 100 LBS. OF STRAW OR HAY PER 1,000 SQUARE FEET. ROADWAYS SHALL BE STABILIZED AS RAPIDLY AS PRACTICABLE BY THE INSTALLATION OF THE BASE COURSE. A TEMPORARY SEEDING AND MULCHING SHOULD BE APPLIED TO DISTURBED AREAS THAT ARE LEFT FOR 15 DAYS UNLESS CONSTRUCTION WILL BEGIN WITHIN 30 DAYS.
9. IF SILT LEAVES THE SITE, IT SHALL BE COLLECTED AND REMOVED AS DIRECTED BY APPROPRIATE MUNICIPAL AUTHORITIES.
10. AT THE COMPLETION OF THE PROJECT, ALL TEMPORARY STABILIZATION DEVICES SHALL BE REMOVED AND THE AFFECTED AREAS RE-GRASSED, PLANTED OR TILED IN ACCORDANCE WITH THE APPROVED PLAN.
11. ALL AREAS DISTURBED BY ON-SITE GRADING THAT WILL NOT BE CONSTRUCTED UPON, SHALL BE STABILIZED WITH PERMANENT VEGETATIVE COVER, USING THE FOLLOWING SEEDING SCHEDULE, OR EQUIVALENT:

KENTUCKY BLUE GRASS -	1.0 LB. PER ACRE	1.0 LB. PER 1,000 SF
CREeping RED FESCUE -	2.0	0.45
PERENNIAL RYE GRASS -	5	0.10

13. ALL SEEDING AREAS TO HAVE AN APPLICATION OF THE FOLLOWING:
 FERTILIZER - 15 LBS. PER 1,000 SF OF 10-20-10 FERTILIZER OR APPROVED EQUAL.
 IF NOT LANDSCAPED OTHERWISE, ALL NEW CONSTRUCTED STEEP SLOPES SHALL BE THEN 1 (VERTICAL) : 2.5 (HORIZONTAL) TO BE SEEDING WITH THE FOLLOWING:
 FERTILIZER - 1.0 LB. PER ACRE
 FERTILIZER - 1.0 LB. PER 1,000 SF
14. SOIL CAN BE USED INSTEAD OF SEED.

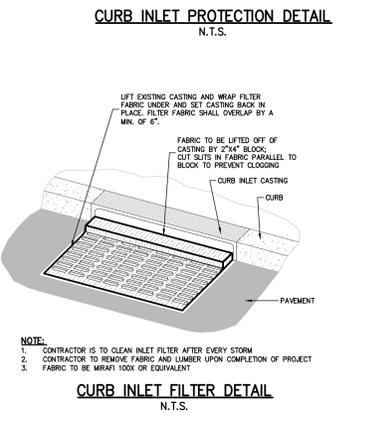
CONSTRUCTION SEQUENCE:

- a. CONSTRUCT STABILIZATION CONSTRUCTION ENTRANCE.
- b. INSTALL SEDIMENT BARRIERS AS PER NOTE 1 ABOVE.
- c. CONSTRUCT DRAINAGE SYSTEMS WITH MINIMUM NECESSARY CLEARING.
- d. CLEAR EXISTING TREES AND VEGETATION FROM AREAS TO BE EXCAVATED OR FILLED, STRIP AND STOCKPILE TOPSOIL FROM ALL AREAS TO BE DISTURBED.
- e. PERFORM NECESSARY EXCAVATION OR FILL OPERATIONS TO BRING SITE TO DESIRED SUBGRADE. INSTALL STORM DRAINAGE SYSTEM.
- f. INSTALL SEDIMENT CONTROL BARRIERS AROUND ALL OPERATIONS TO BRING SITE TO DESIRED SUBGRADE.
- g. SEED ALL DISTURBED AREAS WHICH WILL REMAIN UNDISTURBED FOR A PERIOD OR 30 DAYS AS PER NOTE 2 ABOVE.
- h. AFTER COMPLETION OF THE SITE CONSTRUCTION FINE GRADE AND SPREAD TOPSOIL ON ALL LAWN AREAS AND SEED AS PER NOTES 5 AND 6 ABOVE.
- i. REMOVE SEDIMENT BARRIERS AS PER NOTE 4 ABOVE.
- j. MAINTAIN ALL SEEDED AND PLANTED AREAS TO INSURE A MAINTAINABLE STABILIZED VEGETATIVE SPECIES.
- k. ALL CONSTRUCTION TO MEET CURRENT MUNICIPALITY SPEC.
- l. 4" OF TOP SOIL TO BE SPREAD PRIOR TO SEEDING IN ALL DISTURBED AREAS.



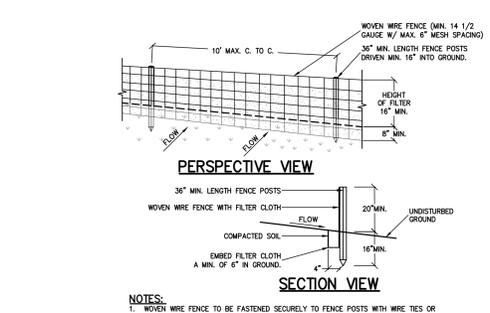
NOTES:

1. FILTER FABRIC SHALL HAVE AN EGG OF 40-85.
2. WOODEN FRAME SHALL BE CONSTRUCTED OF 2" X 4" CONSTRUCTION GRADE LUMBER.
3. WIRE MESH ACROSS THROAT SHALL BE A CONTINUOUS FEED 30 INCH MINIMUM WIDTH WITH A LENGTH 4 FEET LONGER THAN THE THROAT. IT SHALL BE SHAPED AND SECURELY NAILED TO A 2" X 4" WIRE.
4. THE WIRE SHALL BE SECURELY NAILED TO 2" X 4" SPACERS 9 INCHES LONG SPACED NO MORE THAN 6 FEET APART.
5. THE ASSEMBLY SHALL BE PLACED AGAINST THE INLET AND SECURED BY 2" X 4" ANCHORS 2 FEET LONG EXTENDING ACROSS THE TOP OF THE INLET AND HELD IN PLACE BY SAND BAGS OR ALTERNATE WEIGHTS.



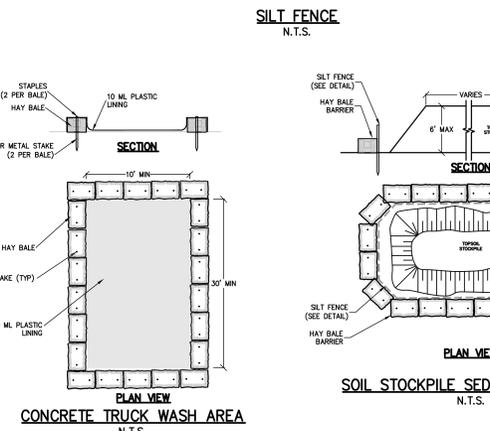
NOTE:

1. CONTRACTOR IS TO CLEAN INLET FILTER AFTER EVERY STORM.
2. CONTRACTOR TO REMOVE FABRIC AND LUMBER UPON COMPLETION OF PROJECT.
3. FABRIC TO BE MIRAFI 100X OR EQUIVALENT.



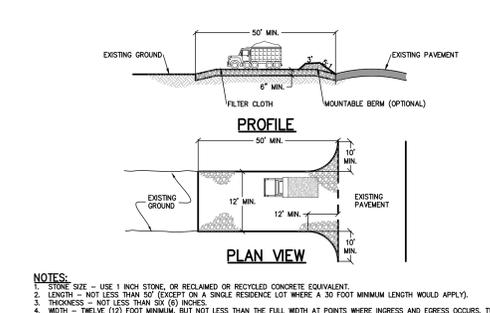
NOTES:

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "1" OR "1 1/2" TYPE OR HARDWOOD.
2. LENGTH - NOT LESS THAN 50' (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN 16 GA. (6) INCHES.
4. WIDTH - THREE (3) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS AND EGRESS OCCURS. TWENTY (20) FOUR (4) FOOT SPOKE ENTRANCE SITE.
5. GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED THROUGH CONSTRUCTION ENTRANCES SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BEAM WITH S1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.



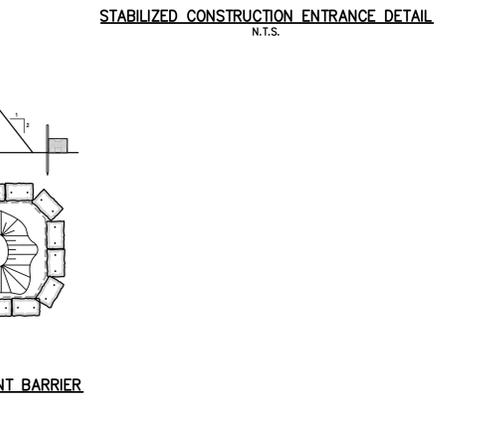
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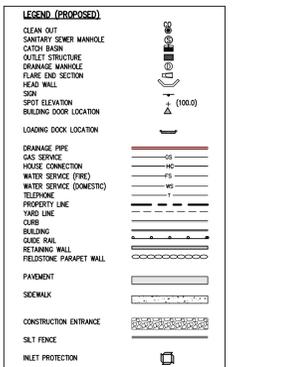
NOTES:

1. PRE-CONSTRUCTION MEETING SHALL BE ORGANIZED WITH THE TOWN'S ENGINEER, TOWN REPRESENTATIVE, AND THE CONTRACTOR TO RESOLVE ANY OUTSTANDING QUESTIONS PRIOR TO THE START OF CONSTRUCTION.
2. NOTIFY ALL INVOLVED AGENCIES OF PROPOSED CONSTRUCTION SCHEDULE.
3. CONSTRUCT SLOTTED TRAP AND BARRIERS AS NEEDED TO DIRECT STORM WATER RUNOFF TO THE TRAPS.
4. PRIOR TO THE START OF GRADING OPERATIONS, THE CONTRACTOR SHALL DEMONSTRATE TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE, THAT THE AREAS DESIGNATED TO REMAIN PROTECTED OR UNDISTURBED ARE PROTECTED BY THE UNDISTURBED SYSTEM OF SILT FENCE BARRIERS, BASINS, BEAMS, AND/OR SLOPES.
5. CONSTRUCT STABILIZATION CONSTRUCTION ENTRANCES AS PER NOTE 1 ABOVE.
6. INSTALL SILT FENCE BARRIERS AT THE BASE OF ALL PROPOSED SLOPES AS DESIGNATED ON THIS PLAN.
7. CONSTRUCT TEMPORARY SEDIMENT TRAPS AT THE LOCATIONS OF CONCENTRATED STORM WATER RUNOFF, INCLUDING SWALES AND BARRIERS AS NEEDED TO DIRECT STORM WATER RUNOFF TO THE TRAPS.
8. PRIOR TO THE START OF GRADING OPERATIONS, THE CONTRACTOR SHALL DEMONSTRATE TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE, THAT THE AREAS DESIGNATED TO REMAIN PROTECTED OR UNDISTURBED ARE PROTECTED BY THE UNDISTURBED SYSTEM OF SILT FENCE BARRIERS, BASINS, BEAMS, AND/OR SLOPES.
9. CLEAR AND VEGETATION IN AREAS TO BE GRADED. THE CLEARING TO BE PERFORMED NUMBER 1, THROUGH MARCH 31 TO MINIMIZE POTENTIAL IMPACTS TO THE UNDISTURBED SYSTEM OF SILT FENCE BARRIERS, BASINS, BEAMS, AND/OR SLOPES.
10. TEMPORARY STOCKPILE AREAS AS DESIGNATED ON THIS PLAN.
11. INSTALL TEMPORARY OVERFLOW MEASURES, DURING CONSTRUCTION, HAY BALE INLET PROTECTION SHALL BE PROVIDED AT ALL INLETS. SILT SHALL BE REMOVED FROM ROADWAYS AND DRIVEWAYS ONCE THE ROAD SUB-BASE COURSE HAS BEEN INSTALLED.
12. PERFORM NECESSARY GRADING FOR RETAINING WALLS, BUILDINGS, FARMING LOTS AND UTILITIES. SOIL MATERIALS SHALL BE STOCKPILED ONLY IN APPROVED AREAS AND SHALL BE PROTECTED BY SILT FENCE BARRIERS. THROUGHOUT THE CONSTRUCTION PERIOD, TEMPORARY BARRIERS AND SLOPES SHALL BE MAINTAINED, ALTERED, OR RE-LOCATED AS NECESSARY TO DIRECT RUNOFF FROM DISTURBED AREAS TO THE SEDIMENT TRAP. ADDITIONAL SILT FENCE BARRIERS OR OTHER EROSION AND SEDIMENT CONTROL MEASURES OR SEDIMENTATION OF DOWNSTREAM AREAS.
13. INSTALL SANITARY SEWER DRAINAGE AND UTILITIES.
14. INSTALL CURBS AND BASE COURSE FOR THE ROADS.
15. MAINTAIN ANY EXISTING SITE FEATURES UNDISTURBED DURING CONSTRUCTION THAT ARE NOT PART OF THE ORIGINAL SCOPE.
16. ALL CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS. IF A REPAIR IS NECESSARY, IT SHALL BE IMPLEMENTED WITHIN 24 HOURS OF REPORT.
17. ALL CONSTRUCTION SHALL BE COMPLETED BY THE END OF CONSTRUCTION PERIOD.
18. BUILT-UP SEDIMENT SHALL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED THE HALF THE DESIGN DEPTH OF THE BASIN. REMOVED SEDIMENT SHALL BE DEPOSITED IN A CONTAINER AREA IN A MANNER SUCH THAT IT WILL NOT DRY.
19. SILT FENCE SHALL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FINELY IN THE GROUND.
20. SEDIMENT AND PERMANENT SEEDING PLANTINGS SHALL BE INSPECTED FOR BARE SPOTS, WASHOUT, AND HEALTHY GROWTH.
21. SEDIMENT SHALL BE REMOVED FROM SEDIMENT TRAPS PRIOR TO IT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF THE BASIN. REMOVED SEDIMENT SHALL BE DEPOSITED IN A CONTAINER AREA IN A MANNER SUCH THAT IT WILL NOT DRY.
22. AS CONSTRUCTION PROCEEDS, ALL DISTURBED AREAS SHALL BE PLANTED OR SEEDED IN A MANNER THAT WILL MAINTAIN THE UNDISTURBED SYSTEM OF SILT FENCE BARRIERS, BASINS, BEAMS, AND/OR SLOPES. TEMPORARY BARRIERS, TEMPORARY SLOPES, TEMPORARY BARRIERS, TEMPORARY SLOPES, TEMPORARY BARRIERS, TEMPORARY SLOPES, ETC. SHALL BE REMOVED.
23. PERFORM FINAL GRADING AND SOIL DE-COMPACTION. SOIL RESTORATION AND DE-COMPACTION SHALL BE PERFORMED FOR ALL AREAS THAT WERE DEPT RIPPING AND DE-COMPACTION SHALL BE COMPLETED IN CONFORMANCE WITH THE ENDOUSE PUBLICATION.
24. UPON COMPLETION OF THE CONSTRUCTION ACTIVITIES, REMOVE SOIL RESTORATION AND DE-COMPACTION MEASURES.
25. PREPARE AS-BUILT AND POST CONSTRUCTION MEASURES AND PROCEDURES IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.



NOTE:

1. CONTRACTOR IS TO CLEAN INLET FILTER AFTER EVERY STORM.
2. CONTRACTOR TO REMOVE FABRIC AND LUMBER UPON COMPLETION OF PROJECT.
3. FABRIC TO BE MIRAFI 100X OR EQUIVALENT.



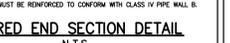
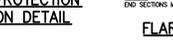
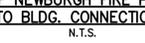
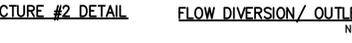
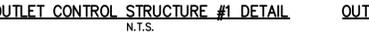
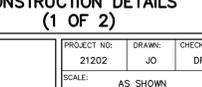
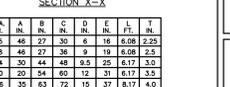
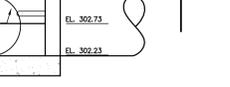
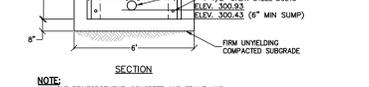
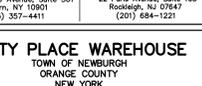
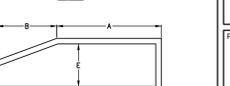
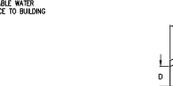
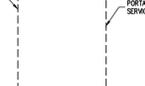
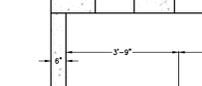
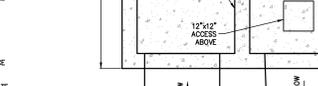
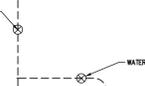
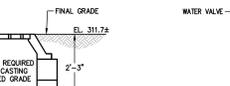
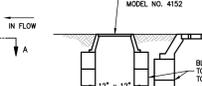
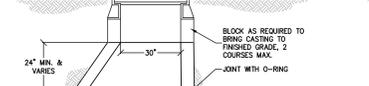
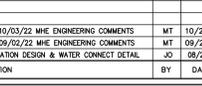
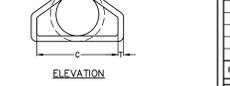
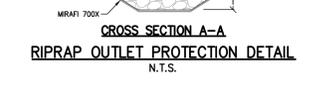
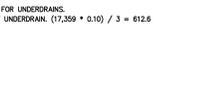
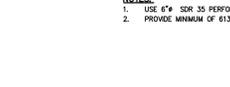
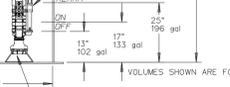
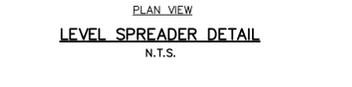
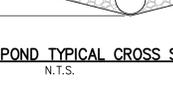
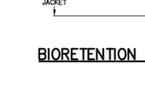
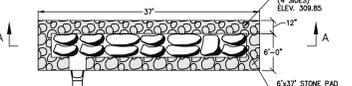
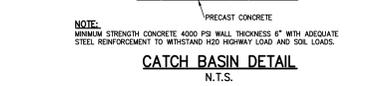
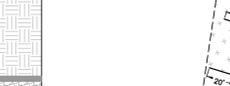
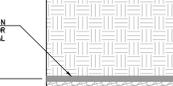
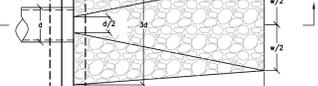
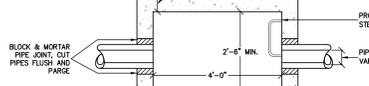
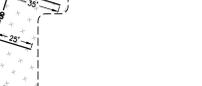
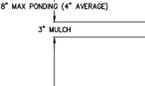
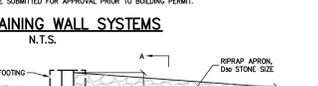
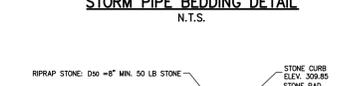
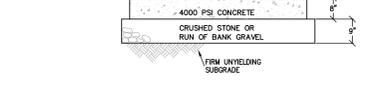
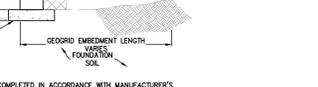
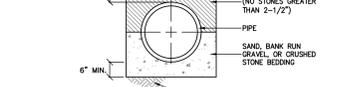
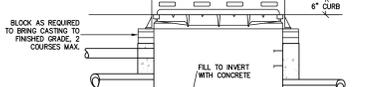
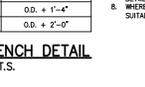
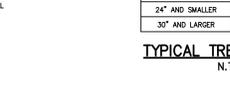
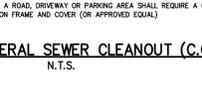
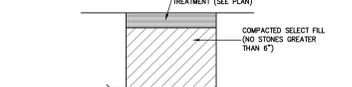
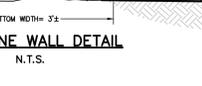
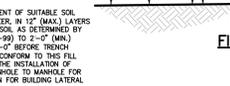
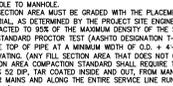
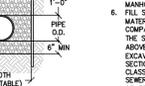
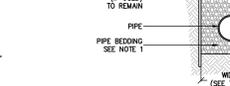
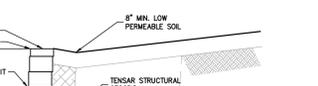
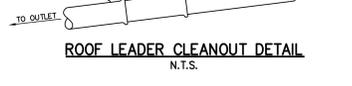
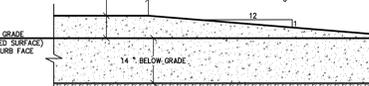
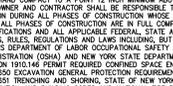
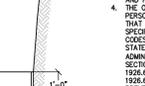
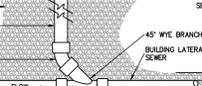
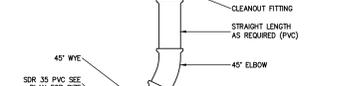
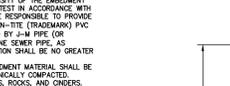
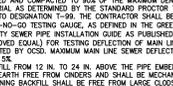
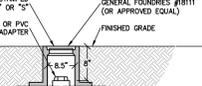
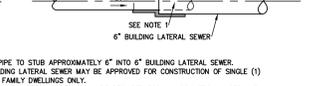
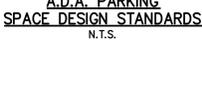
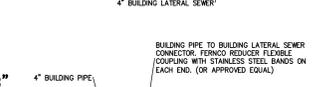
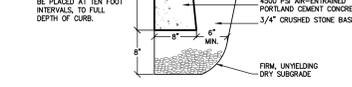
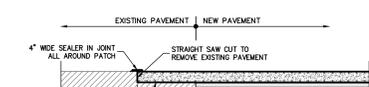
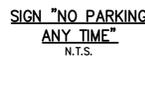
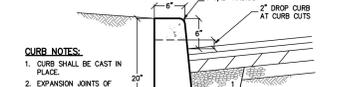
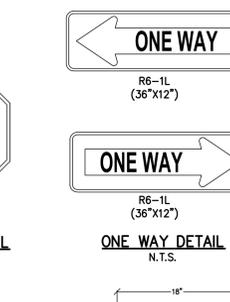
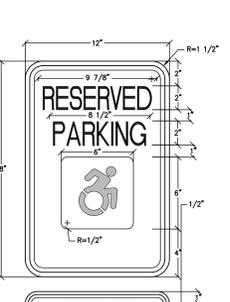
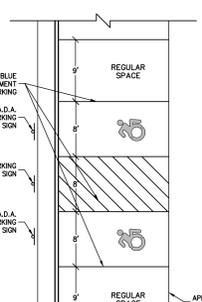
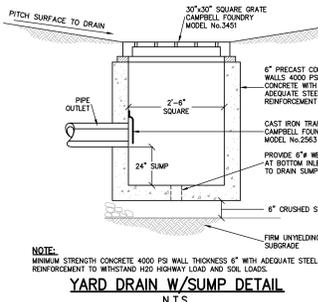
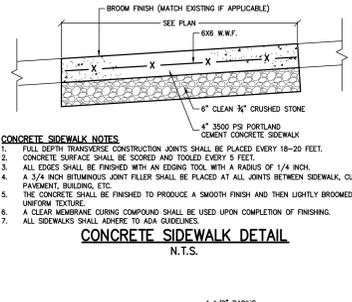
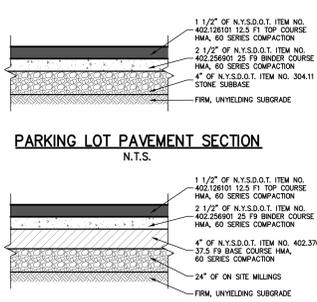
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4	AS PER 10/03/22 MHE ENGINEERING COMMENTS	MT	10/26/22
3	AS PER 09/02/22 MHE ENGINEERING COMMENTS	MT	09/27/22
1	AS PER 06/16/2022 PLANNING BOARD COMMENTS	JO	07/11/2022

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 22 Fortis Avenue, Suite 105 ROCKAWAY, NJ 07866 (201) 684-1221

PROJECT: UNITY PLACE WAREHOUSE
TOWN OF NEWBURGH
ORANGE COUNTY
NEW YORK

TITLE: EROSION AND SEDIMENT CONTROL PLAN

PROJECT NO:	21202	DRAWN:	JO	CHECKED:	DR
SCALE:	1" = 40'				
GRAPHIC SCALE:	0 40' 80'				
DATE:	05/27/2022	DRAWING NO.:	4		



CURB NOTES:
 1. CURB SHALL BE CAST IN PLACE.
 2. EXPANSION JOINTS OF 3/16\"/>

NOTE:
 MINIMUM STRENGTH CONCRETE 4000 PSI WALL THICKNESS 6\"/>

LETTERING AND BORDER - GREEN
WHITE SYMBOL ON BLUE BACKGROUND
BACKGROUND - WHITE

"NO PARKING ANY TIME"
SIGN MUTCD #R7-1
 N.T.S.

"NO RIGHT TURN"
SIGN MUTCD #R3-1
 N.T.S.

BUILDING PIPE TO BUILDING LATERAL SEWER CONNECTION
 N.T.S.

BUILDING LATERAL SEWER CLEANOUT (C.O.)
 N.T.S.

TYPICAL TRENCH DETAIL
 N.T.S.

NOTES:
 1. PIPE BEDDING SHALL BE A CLASS 1 FINE GRADATION MATERIAL THAT SHALL BE EITHER CRUSHED STONE OR WASHED GRAVEL, PASSING A 3/4\"/>

NOTES:
 1. BACKFILL FROM 12 IN. TO 24 IN. ABOVE THE PIPE EMBEDEDMENT SHALL BE FINE EARTH FREE FROM ROCKS AND SHALL BE MECHANICALLY COMPACTED.
 2. REMAINING BACKFILL SHALL BE FREE FROM LARGE ROCKS AND ROCKS AND CHIPPERS.
 3. PLACE EMBEDEDMENT MATERIAL BY HAND AND HAND COMPACT UNDER AND AROUND SIDES OF PIPE. PLACE EMBEDEDMENT MATERIAL IN 4\"/>

NOTES:
 1. BUILDING PIPE TO SUB APPROXIMATELY 6\"/>

NOTES:
 1. EACH BUILDING LATERAL SEWER SHALL HAVE A CLEANOUT INSTALLED APPROXIMATELY 2' DOWNSTREAM OF THE BUILDING PIPE TO BUILDING LATERAL SEWER CONNECTION. THEREAFTER, CLEANOUTS SHALL BE INSTALLED ALONG THE BUILDING LATERAL SEWER APPROXIMATELY EVERY 10' (MAX.) FOR THE PURPOSE OF CLEANOUT LOCATIONS, DISTANCES SHALL BE MEASURED FROM THE FIRST CLEANOUT LOCATED UPSTREAM OF THE BUILDING PIPE TO BUILDING LATERAL SEWER CONNECTION. HOSE DOWNSTREAM ALONG THE BUILDING LATERAL SEWER TO THE CENTER OF THE SEWER MAIN LINE (GENERALLY LOCATED IN THE CENTER OF THE STREET).
 2. A CLEANOUT LOCATED IN A ROAD, DRIVEWAY OR PARKING AREA SHALL REQUIRE A CAMPBELL FOUNDRY #1414 CAST IRON FRAME AND COVER (OR APPROVED EQUAL).

PIPE O.D. **TRENCH WIDTH**
 24\"/>

NOTES:
 1. PIPE BEDDING SHALL BE A CLASS 1 FINE GRADATION MATERIAL THAT SHALL BE EITHER CRUSHED STONE OR WASHED GRAVEL, PASSING A 3/4\"/>

NOTES:
 1. BACKFILL FROM 12 IN. TO 24 IN. ABOVE THE PIPE EMBEDEDMENT SHALL BE FINE EARTH FREE FROM ROCKS AND SHALL BE MECHANICALLY COMPACTED.
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 3. PLACE EMBEDEDMENT MATERIAL BY HAND AND HAND COMPACT UNDER AND AROUND SIDES OF PIPE. PLACE EMBEDEDMENT MATERIAL IN 4\"/>

NOTES:
 1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 2. FENCE OR GUARD RAIL SHALL BE PROVIDED ON TOP OF WALL WHERE SPECIFIED.
 3. SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL PRIOR TO BUILDING PERMIT.

NOTES:
 1. ST

