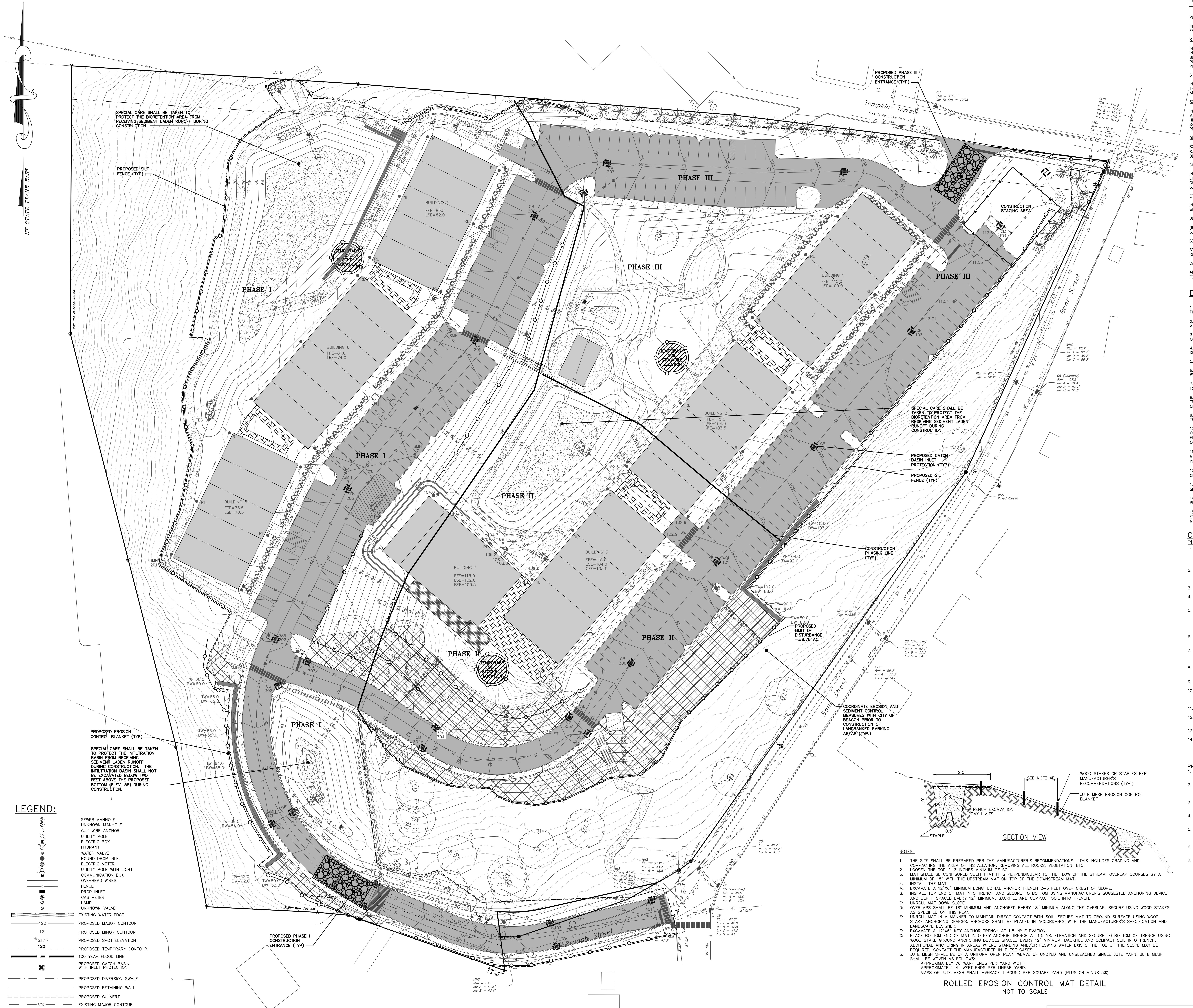
NY STATE PLANE EAST
SPECIAL CARE SHALL BE TAKEN TO PROTECT THE BIORETENTION AREA FROM RECEIVING SEDIMENT LADEN RUNOFF DURING CONSTRUCTION.
PROPOSED SILT FENCE (TYP)
PROPOSED PHASE III CONSTRUCTION ENTRANCE (TYP)
Tompkins Terrace
CONSTRUCTION STAGING AREA
PHASE III
PHASE III
PHASE III
PHASE I
PHASE I
PHASE I
PHASE II
PHASE II
PHASE II
BUILDING 7 FFE=89.5 LSE=82.0
BUILDING 6 FFE=81.0 LSE=74.0
BUILDING 5 FFE=75.5 LSE=70.5
BUILDING 4 FFE=115.0 LSE=102.0 BFE=103.5
BUILDING 3 FFE=115.0 LSE=104.0 SFE=103.5
BUILDING 2 FFE=115.0 LSE=104.0 SFE=103.5
BUILDING 1 FFE=119.0 LSE=109.0
TEMPORARY SOIL STOCKPILE LOCATION
SPECIAL CARE SHALL BE TAKEN TO PROTECT THE BIORETENTION AREA FROM RECEIVING SEDIMENT LADEN RUNOFF DURING CONSTRUCTION.
PROPOSED CATCH BASIN INLET PROTECTION (TYP)
PROPOSED SILT FENCE (TYP)
CONSTRUCTION PHASING LINE (TYP)
PROPOSED LIMIT OF DISTURBANCE =±8.76 AC.
COORDINATE EROSION AND SEDIMENT CONTROL MEASURES WITH CITY OF BEACON PRIOR TO CONSTRUCTION OF LANDBANKED PARKING AREAS (TYP.)
PROPOSED EROSION CONTROL BLANKET (TYP)
SPECIAL CARE SHALL BE TAKEN TO PROTECT THE INFILTRATION BASIN FROM RECEIVING SEDIMENT LADEN RUNOFF DURING CONSTRUCTION. THE INFILTRATION BASIN SHALL NOT BE EXCAVATED BELOW TWO FEET ABOVE THE PROPOSED BOTTOM (ELEV. 58) DURING CONSTRUCTION.
PROPOSED PHASE I CONSTRUCTION ENTRANCE (TYP)
Branch Street
Bank Street
Bank Street
2.0'
1.0'
0.5'
SEE NOTE 4E
WOOD STAKES OR STAPLES PER MANUFACTURER'S RECOMMENDATIONS (TYP.)
JUTE MESH EROSION CONTROL BLANKET
TRENCH EXCAVATION PAY LIMITS
STAPLE

SECTION VIEW

Erosion And Sediment Control Plan

Scale: 1" = 30'

INSPECTION SCHEDULE & MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES

PERMANENT AND TEMPORARY VEGETATION:

INSPECT ALL AREAS THAT HAVE RECEIVED VEGETATION EVERY SEVEN DAYS AND AFTER EVERY STORM EVENT WITH RAINFALL THAT EQUALS OR EXCEEDS 0.5 INCH. ALL AREAS DAMAGED BY EROSION OR WHERE SEED HAS NOT ESTABLISHED SHALL BE REPAIRED AND RESTABILIZED IMMEDIATELY.

STABILIZED CONSTRUCTION ENTRANCE:

INSPECT THE ENTRANCE PAD EVERY SEVEN DAYS AND AFTER EVERY STORM EVENT WITH RAINFALL THAT EQUALS OR EXCEEDS 0.5 INCH. CHECK FOR MUD, SEDIMENT BUILD-UP AND PAD INTEGRITY. MAKE DAILY INSPECTIONS DURING WET WEATHER. REGRADE PAD AS NEEDED FOR RUNOFF CONTROL. WASH AND REPLACE STONE AS NEEDED. THE STONE IN THE ENTRANCE SHOULD BE WASHED OR REPLACED WHENEVER THE ENTRANCE FAILS TO REDUCE MUD BEING CARRIED OFF SITE BY VEHICLES. IMMEDIATELY REMOVE MUD AND SEDIMENT TRACKED OR WASHED ONTO PUBLIC ROADS BY BRUSHING OR SWEEPING. REMOVE TEMPORARY CONSTRUCTION ENTRANCE AS SOON AS THEY ARE NO LONGER NEEDED TO PROVIDE ACCESS TO THE SITE AS DIRECTED BY PROJECT ENGINEER.

SILT FENCE:

INSPECT FOR DAMAGE EVERY SEVEN DAYS AND AFTER EVERY STORM EVENT WITH RAINFALL THAT EQUALS OR EXCEEDS 0.5 INCH. MAKE ALL REPAIRS IMMEDIATELY. REMOVE SEDIMENT FROM THE UP-SLOPE FACE OF THE FENCE BEFORE IT ACCUMULATES TO A HEIGHT EQUAL TO ONE-QUARTER THE HEIGHT OF THE FENCE. IF FENCE FABRIC TEARS, BEGINS TO DECOMPOSE, OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE THE AFFECTED SECTION OF FENCE IMMEDIATELY.

SOIL STOCKPILE:

INSPECT SEDIMENT CONTROL BARRIERS (SILT FENCE) AND VEGETATION FOR DAMAGE EVERY SEVEN DAYS AND AFTER EVERY STORM EVENT WITH RAINFALL THAT EQUALS OR EXCEEDS 0.5 INCH. MAKE ALL REPAIRS IMMEDIATELY. REMOVE SEDIMENT FROM THE UP-SLOPE FACE OF THE SEDIMENT CONTROL BARRIER BEFORE IT ACCUMULATES TO A HEIGHT EQUAL TO ONE-QUARTER THE HEIGHT OF THE SEDIMENT CONTROL BARRIER. IF SEDIMENT CONTROL BARRIER TEARS, BEGINS TO DECOMPOSE, OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE THE AFFECTED SECTION OF SEDIMENT CONTROL BARRIER IMMEDIATELY. REVEGETATE DISTURBED AREA TO STABILIZE SOIL STOCKPILE. REMOVE THE SEDIMENT CONTROL BARRIER WHEN THE SOIL STOCKPILE HAS BEEN REMOVED.

DUST CONTROL:

SCHEDULE CONSTRUCTION OPERATIONS TO MINIMIZE THE AMOUNT OF DISTURBED AREAS AT ANY ONE TIME DURING THE COURSE OF WORKS. APPLY TEMPORARY SOIL STABILIZATION PRACTICES SUCH AS MULCHING, SEEDING, AND SPRAYING (WATER). STRUCTURAL MEASURES (MULCH, SEEDING) SHALL BE INSTALLED IN DISTURBED AREAS BEFORE SIGNIFICANT BLOWING PROBLEMS DEVELOP. WATER SHALL BE SPRAYED AS NEEDED. REPEAT AS NEEDED, BUT AVOID EXCESSIVE SPRAYING, WHICH COULD CREATE RUNOFF AND EROSION PROBLEMS.

CHECK DAM:

INSPECT CHECK DAMS EVERY SEVEN DAYS AND AFTER EVERY STORM EVENT WITH RAINFALL THAT EQUALS OR EXCEEDS 0.5 INCH. IF SIGNIFICANT EROSION OCCURS BETWEEN STRUCTURES, A LINER OF STONE OR OTHER SUITABLE MATERIAL SHOULD BE INSTALLED IN THAT PORTION OF THE CHANNEL. REMOVE SEDIMENT ACCUMULATED BEHIND THE DAM AS NEEDED TO ALLOW CHANNEL TO DRAIN THROUGH THE STONE CHECK DAM AND PREVENT LARGE FLOWS FROM CARRYING SEDIMENT OVER THE DAM. REPLACE STONES AS NEEDED TO MAINTAIN THE DESIGN CROSS SECTION OF THE STRUCTURES. REMOVE CHECK DAMS AS PER APPROVAL OF THE PROJECT ENGINEER.

EROSION CONTROL BLANKET:

INSPECT THE BLANKET EVERY SEVEN DAYS AND AFTER EVERY STORM EVENT WITH RAINFALL THAT EQUALS OR EXCEEDS 0.5 INCH. REPLACE WIRE STAPLES AS REQUIRED. REPAIR AND RESEED WHERE CRACKS AND DAMAGED VEGETATION IS EVIDENT. WHEN DAMAGED BEYOND REPAIR OR NO LONGER FUNCTIONING, THE BLANKET SHALL BE REPLACED.

DEWATERING PITS:

(IF REQUIRED) – INSPECT DAILY DURING OPERATION FOR CLOGGING OR OVERFLOW. CLEAR INLET AND DISCHARGE PIPES OF OBSTRUCTIONS. IF A FILTER MATERIAL BECOMES CLOGGED WITH SEDIMENT, PIT SHALL BE DISMANTLED AND NEW PITS SHALL BE CONSTRUCTED AS NEEDED.

SEDIMENT TRAP:

SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO THE ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF OF THE DESIGN DEPTH OF THE TRAP. SEDIMENT REMOVED FROM THE TRAP SHALL BE DEPOSITED IN A PROTECTED AREA IN SUCH A MANNER THAT IT WILL NOT ERODE.

CATCH BASINS:

ALL CATCH BASINS SHALL BE INSPECTED AFTER EACH STORM EVENT FOR SEDIMENT ACCUMULATION, AND DEBRIS, AND REMOVE AS NECESSARY. THE INLET PROTECTION SHALL BE INSPECTED FOR SEDIMENT ACCUMULATION AND REPLACED AS NECESSARY. WHEN SEDIMENT ACCUMULATION WITHIN THE CATCH BASIN SUMP REACHES 1/2 OF THE SUMP DEPTH, IT SHALL BE REMOVED.

EROSION AND SEDIMENT CONTROL NOTES

1. ALL EROSION CONTROL MEASURES EMPLOYED DURING THE CONSTRUCTION PROCESS SHALL BE INSPECTED BY THE CONTRACTOR IN ACCORDANCE WITH THE MAINTENANCE SCHEDULE PROVIDED ON THIS SHEET. ALL EROSION CONTROL STRUCTURES SHALL BE REPAIRED AND MAINTAINED AS NECESSARY BY THE CONTRACTOR.

2. ALL STORMWATER MANAGEMENT STRUCTURES (E.G., SWALES, CULVERTS) SHALL BE REGULARLY INSPECTED FOR SEDIMENT ACCUMULATIONS. SEDIMENT AND TRASH SHALL BE REMOVED, AS NECESSARY.

3. ALL EROSION CONTROL INSTALLATION AND MAINTENANCE MEASURES SHALL MEET THE REQUIREMENTS OF THE NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.

4. ANY PILE OF POTENTIALLY EROSIVE MATERIAL TEMPORARILY STOCKPILED ON THE SITE DURING THE CONSTRUCTION PROCESS SHALL BE LOCATED IN AN AREA AWAY FROM STORM DRAINAGE AND SHALL BE PROPERLY PROTECTED FROM EROSION BY A SURROUNDING SILT FENCE.

5. PERMANENT SEEDED AREAS FOR EROSION CONTROL SHALL BE IN ACCORDANCE WITH DETAIL AND SPECIFICATIONS ON THE DETAIL SHEET.

6. AREAS UNDERGOING CLEARING OR GRADING AND WHERE WORK IS DELAYED OR COMPLETED AND WILL NOT BE REDISTURBED FOR A PERIOD OF 21 DAYS OR MORE SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT VEGETATIVE COVER WITHIN 14 DAYS.

7. ON-SITE DUST CONTROL SHALL BE ACCOMPLISHED BY STANDARD METHODS OF LIGHTLY WATERING ALL EXPOSED SOIL AND RAPIDLY STABILIZING THE REGRADED AREAS WITH TOPSOIL, LOAM AND/OR SEEDING. OTHER METHODS OF DUST CONTROL MAY BE IN THE FORM OF MINIMIZING SOIL DISTURBANCE, APPLICATION OF WIND BREAKS, AND HYDROSEEDING.

8. THE CONSTRUCTION ENTRANCE IS AN ESSENTIAL ELEMENT FOR SEDIMENT CONTROL. ALL CONSTRUCTION VEHICLES LEAVING THE SITE SHALL UTILIZE THE CONSTRUCTION ENTRANCE TRACKING PAD TO MINIMIZE SEDIMENT TRANSPORT OFFSITE. ADDITIONAL MEASURES MAY BE REQUIRED A.O.B.E.. SUCH AS TRUCK WASH STATIONS AND PERIODIC STREET SWEEPING OUTSIDE OR IN FINISHED AREAS WITHIN THE SITE.

9. THE PROJECT ENGINEER SHALL BE NOTIFIED NO LESS THAN 48 HOURS PRIOR TO THE START OF ANY SITE WORK, AND BY SUCH NOTIFICATION, SHALL BE PROVIDED WITH THE NAME AND TELEPHONE NUMBER OF THE GENERAL CONTRACTOR RESPONSIBLE FOR SUCH WORK.

10. THE CITY MAY INSPECT EROSION AND SEDIMENT CONTROL PRACTICES ON THE SITE DURING CONSTRUCTION AND RECOMMEND THAT THE CONTRACTOR INSTALL ADDITIONAL EROSION CONTROL MEASURES IF DEEMED NECESSARY TO PROTECT ANY UNDISTURBED AREAS OF THE SITE. ANY SUCH REQUESTS SHALL BE MADE DIRECTLY TO THE CONTRACTOR AND QUALIFIED PROFESSIONAL AND FOLLOWED UP WITH A WRITTEN NOTIFICATION TO THE DEVELOPER. IN ADDITION, THE CITY SHALL BE CONSULTED ON ANY SPECIAL ADDITIONS OR DELETIONS OF EROSION CONTROL MEASURES WARRANTED BY CHANGING FIELD CONDITIONS. THE NOTICE OF INTENT (NOI) MAY NEED TO BE UPDATED AS A RESULT OF THE CHANGES.

11. THE CONTRACTOR/OWNER SHALL MAINTAIN A RECORD OF ALL EROSION AND SEDIMENT CONTROL INSPECTION REPORTS AT THE SITE IN A LOG BOOK. THE SITE LOG BOOK SHALL BE MAINTAINED ON SITE AND BE MADE AVAILABLE TO THE PERMITTING AUTHORITY. THE OWNER/CONTRACTOR SHALL, ON A MONTHLY BASIS, POST AT THE SITE A SUMMARY OF THE SITE INSPECTION ACTIVITIES IN A PUBLICLY ACCESSIBLE LOCATION.

12. THE OWNER SHALL FILE A NOI WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES AND A NOTICE OF TERMINATION (NOT) WITH THE NYSDEC FOLLOWING CONSTRUCTION ACTIVITIES.

13. IF GROUNDWATER IS ENCOUNTERED DURING CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL CONSTRUCT A DEWATERING PIT IN ACCORDANCE WITH NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL (AKA SUMP PIT) TO FILTER WATER FOR PUMPING TO A SUITABLE LOCATION.

14. WHEN ALL DISTURBED AREAS ARE STABLE, ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED PER THE APPROVAL OF THE CITY AND QUALIFIED PROFESSIONAL.

15. UPON COMPLETION OF CONSTRUCTION, THE PARCEL OWNER(S) SHALL BE RESPONSIBLE FOR THE INSPECTION AND MAINTENANCE OF THE STORMWATER MANAGEMENT SYSTEM. THE STORMWATER MANAGEMENT SYSTEM SHALL BE INSPECTED QUARTERLY AND AFTER EACH SIGNIFICANT RAINFALL EVENT. THE OWNER(S) SHALL MAINTAIN A RECORD OF INSPECTION AND MAINTENANCE REPORTS AT THE SITE. REFER TO THE SWPPP FOR INSPECTION REQUIREMENTS AND FUTURE MAINTENANCE.

CONSTRUCTION SEQUENCING NOTES:

PHASE I: AREA=4.30 AC.

1. SCHEDULE A PRE-CONSTRUCTION MEETING WHICH SHALL INCLUDE THE CITY ENGINEER, OWNER OR OWNER'S REPRESENTATIVE, PROJECT ENGINEER, CONTRACTOR AND SUBCONTRACTORS (IF NECESSARY) WHO ARE TO PERFORM THE CONSTRUCTION.
2. ESTABLISH THE LIMIT OF DISTURBANCE FOR PROPOSED CLEARING AND GRADING ASSOCIATED WITH THE PROPOSED INTERNAL TRAVEL-WAYS, PARKING AREAS AND STORMWATER MANAGEMENT AREAS WITHIN PHASE I.
3. INSTALL PERIMETER SILT FENCE AS DEPICTED ON THIS PLAN.
4. INSTALL PHASE I STABILIZED CONSTRUCTION ENTRANCE AS DEPICTED ON THE PLAN.
5. PRIOR TO FURTHER CONSTRUCTION ACTIVITIES, CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER TO CONDUCT A PRE-CONSTRUCTION SITE ASSESSMENT TO VERIFY THAT THE APPROPRIATE EROSION AND SEDIMENT CONTROLS SHOWN ON THIS PLAN HAVE BEEN ADEQUATELY INSTALLED ENSURING OVERALL PREPAREDNESS OF THIS SITE FOR THE COMMENCEMENT OF CONSTRUCTION.
6. CLEAR LOCATIONS FOR INSTALLATIONS OF PROPOSED EROSION AND SEDIMENT CONTROL MEASURES.
7. INSTALL SILT FENCE AS SHOWN ON THIS PLAN AND IN OTHER AREAS THAT BECOME APPARENT FOLLOWING CLEARING ACTIVITIES. DESIGNATE CONSTRUCTION STAGING AREA.
8. BEGIN SITE DEMOLITION WITHIN PHASE I AREA AS SHOWN ON THE DEMOLITION PLAN.
9. CONSTRUCT IMPROVEMENTS ALONG BRANCH STREET (TO BINDER COURSE).
10. BEGIN MASS GRADING WITHIN PHASE I AREA, ESTABLISH SUB-GRADE AS SITE CONDITIONS WARRANT. CONSTRUCT INFILTRATION BASIN 2 & 3 TO 2 FEET ABOVE FINISHED GRADE.
11. INSTALL SITE UTILITIES WITHIN PHASE I AND STUB INTO SUBSEQUENT PHASES.
12. SEED AND MULCH LANDSCAPED AREAS THAT WILL NOT BE DISTURBED DURING OTHER PHASES.
13. PAVE BRANCH STREET AND INSTALL SIDEWALK TO PROPOSED CROSSWALK.
14. PRIOR TO FURTHER CONSTRUCTION ACTIVITIES, CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER TO CONDUCT A CONSTRUCTION SITE ASSESSMENT TO VERIFY THAT THE APPROPRIATE EROSION AND SEDIMENT CONTROLS SHOWN ON THIS PLAN HAVE BEEN ADEQUATELY INSTALLED ENSURING OVERALL PREPAREDNESS OF THIS SITE FOR THE COMMENCEMENT OF CONSTRUCTION.

PHASE II: AREA=2.20 AC.

1. PHASE I DISTURBED AREA SHALL NOT BE MORE THAN 2.8 ACRES PRIOR TO COMMENCEMENT PHASE II.
2. ESTABLISH THE LIMIT OF DISTURBANCE FOR PROPOSED CLEARING AND GRADING ASSOCIATED WITH THE PROPOSED INTERNAL TRAVEL-WAYS, PARKING AREAS AND STORMWATER MANAGEMENT AREAS WITHIN PHASE II.
3. CONTINUE USE OF PHASE I STABILIZED CONSTRUCTION ENTRANCE AS DEPICTED ON THE PLAN.
4. CLEAR LOCATIONS FOR INSTALLATIONS OF PROPOSED EROSION AND SEDIMENT CONTROL MEASURES.
5. INSTALL SILT FENCE AS SHOWN ON THIS PLAN AND IN OTHER AREAS THAT BECOME APPARENT FOLLOWING CLEARING ACTIVITIES. DESIGNATE CONSTRUCTION STAGING AREA.
6. BEGIN SITE DEMOLITION WITHIN PHASE II AREA AS SHOWN ON THE DEMOLITION PLAN.
7. BEGIN MASS GRADING WITHIN PHASE II AREA, ESTABLISH SUB-GRADE AS SITE CONDITIONS WARRANT. CONSTRUCT INFILTRATION BASIN 1 TO 2 FEET ABOVE FINISHED GRADE. GRADING MAY ENCROACH INTO PHASE I AND PHASE III.
8. CONTINUE INSTALLATION OF SITE UTILITIES WITHIN PHASE II AND STUB INTO PHASE III.
9. SEED AND MULCH LANDSCAPED AREAS THAT WILL NOT BE DISTURBED DURING OTHER PHASES.

PHASE III: AREA=2.80 AC.

1. PHASE I & II DISTURBED AREA SHALL NOT BE MORE THAN 2.2 ACRES PRIOR TO COMMENCEMENT PHASE III.
2. ESTABLISH THE LIMIT OF DISTURBANCE FOR PROPOSED CLEARING AND GRADING ASSOCIATED WITH THE PROPOSED INTERNAL TRAVEL-WAYS, PARKING AREAS AND STORMWATER MANAGEMENT AREAS WITHIN PHASE III.
3. CONSTRUCT PHASE III STABILIZED CONSTRUCTION ENTRANCE AS DEPICTED ON THE PLAN.
4. CLEAR LOCATIONS FOR INSTALLATIONS OF PROPOSED EROSION AND SEDIMENT CONTROL MEASURES.
5. INSTALL SILT FENCE AS SHOWN ON THIS PLAN AND IN OTHER AREAS THAT BECOME APPARENT FOLLOWING CLEARING ACTIVITIES. DESIGNATE CONSTRUCTION STAGING AREA.
6. BEGIN SITE DEMOLITION WITHIN PHASE III AREA AS SHOWN ON THE DEMOLITION PLAN.
7. BEGIN MASS GRADING WITHIN PHASE III AREA, ESTABLISH SUB-GRADE AS SITE CONDITIONS WARRANT. CONSTRUCT INFILTRATION BASIN 2 TO 2 FEET ABOVE FINISHED GRADE.
8. CONTINUE INSTALLATION OF SITE UTILITIES WITHIN PHASE III.
9. SEED AND MULCH LANDSCAPED AREAS THAT WILL NOT BE DISTURBED DURING OTHER PHASES.
10. EXCAVATE INFILTRATION BASIN TO 2 FEET ABOVE BOTTOM ELEVATION. INSTALL DRAINAGE PIPING AND STRUCTURES.
11. INSTALL SUB BASE AND BINDER COURSE WITHIN ACCESS ROADS AND PARKING AREAS.

PHASE IV: AREA = ± 4.60 AC.

1. PHASE III CONSISTS OF CONSTRUCTION OF THE BUILDINGS, FINAL GRADING OF INFILTRATION BASIN AREAS, SOIL RESTORATION AND FINAL LANDSCAPING OF SITE.
2. CONSTRUCT BUILDINGS.
3. FINAL GRADE ALL LANDSCAPED AREAS AND RESTORE SOIL IN ALL DISTURBED AREAS THAT WILL REMAIN LANDSCAPED.
4. FINAL GRADE VEGETATED AREAS WITHIN PHASE I. IMPLEMENT SOIL RESTORATION TECHNIQUES IN LANDSCAPED AREAS AS OUTLINED WITHIN THE NOTES ON THIS PLAN.
5. FINAL PAVE ACCESS ROAD AND PARKING AREAS.
6. WHEN LANDSCAPED AREAS HAVE REACHED 80% VEGETATIVE COVER, FINAL GRADE INFILTRATION BASINS.
7. REMOVE PHASE I EROSION AND SEDIMENT CONTROLS WHEN CONTRIBUTING DRAINAGE AREAS HAVE BECOME STABILIZED.

GENERAL NOTE: EROSION CONTROL MEASURES SHALL BE INSPECTED AND REPAIRED AS NEEDED DURING CONSTRUCTION ACTIVITIES AND BASED ON THE MAINTENANCE SCHEDULE. ADDITIONAL EROSION CONTROL MEASURES BASED ON SITE CONDITIONS SHALL BE PROVIDED AS NECESSARY IN ORDER TO PROTECT ADJACENT PARCELS AND WATERS.

NOTES:

1. THE SITE SHALL BE PREPARED PER THE MANUFACTURER'S RECOMMENDATIONS. THIS INCLUDES GRADING AND COMPACTING THE AREA OF INSTALLATION, REMOVING ALL ROCKS, VEGETATION, ETC.
2. LOOSEN THE TOP 2-3 INCHES MINIMUM OF SOIL.
3. MAT SHALL BE CONFIGURED SUCH THAT IT IS PERPENDICULAR TO THE FLOW OF THE STREAM. OVERLAP COURSES BY A MINIMUM OF 18" WITH THE UPSTREAM MAT ON TOP OF THE DOWNSTREAM MAT.
4. INSTALL THE MAT:

A: EXCAVATE A 12"X6" MINIMUM LONGITUDINAL ANCHOR TRENCH 2-3 FEET OVER CREST OF SLOPE.
B: INSTALL TOP END OF MAT INTO TRENCH AND SECURE TO BOTTOM USING MANUFACTURER'S SUGGESTED ANCHORING DEVICE AND DEPTH SPACED EVERY 12" MINIMUM. BACKFILL AND COMPACT SOIL INTO TRENCH.
C: UNROLL MAT DOWN SLOPE.
D: OVERLAPS SHALL BE 18" MINIMUM AND ANCHORED EVERY 18" MINIMUM ALONG THE OVERLAP. SECURE USING WOOD STAKES AS SPECIFIED ON THIS PLAN.
E: UNROLL MAT IN A MANNER TO MAINTAIN DIRECT CONTACT WITH SOIL. SECURE MAT TO GROUND SURFACE USING WOOD STAKE ANCHORING DEVICES. ANCHORS SHALL BE PLACED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATION AND LANDSCAPE DESIGNER.
F: EXCAVATE A 12"X6" KEY ANCHOR TRENCH AT 1.5 YR ELEVATION.
G: PLACE BOTTOM END OF MAT INTO KEY ANCHOR TRENCH AT 1.5 YR. ELEVATION AND SECURE TO BOTTOM OF TRENCH USING WOOD STAKE GROUND ANCHORING DEVICES SPACED EVERY 12" MINIMUM. BACKFILL AND COMPACT SOIL INTO TRENCH. ADDITIONAL ANCHORING IN AREAS WHERE STANDING AND/OR FLOWING WATER EXISTS THE TOE OF THE SLOPE MAY BE REQUIRED. CONTACT THE MANUFACTURER IN THESE CASES.

5: JUTE MESH SHALL BE OF A UNIFORM OPEN PLAIN WEAVE OF UNDYED AND UNBLEACHED SINGLE JUTE YARN. JUTE MESH SHALL BE WOVEN AS FOLLOWS:
  APPROXIMATELY 78 WARP ENDS PER YARD WIDTH.
  APPROXIMATELY 41 WEFT ENDS PER LINEAR YARD.
  MASS OF JUTE MESH SHALL AVERAGE 1 POUND PER SQUARE YARD (PLUS OR MINUS 5%).

ROLLED EROSION CONTROL MAT DETAIL

NOT TO SCALE

LEGEND:

Ⓢ	SEWER MANHOLE
⊗	UNKNOWN MANHOLE
	GUY WIRE ANCHOR
	UTILITY POLE
■	ELECTRIC BOX
	HYDRANT
Ⓦ	WATER VALVE
●	ROUND DROP INLET
Ⓔ	ELECTRIC METER
	UTILITY POLE WITH LIGHT
■	COMMUNICATION BOX
	OVERHEAD WIRES
—x—	FENCE
■	DROP INLET
GM	GAS METER
☼	LAMP
Ⓥ	UNKNOWN VALVE
	EXISTING WATER EDGE
—120—	PROPOSED MAJOR CONTOUR
—121—	PROPOSED MINOR CONTOUR
+121.17	PROPOSED SPOT ELEVATION
– – 120 – –	PROPOSED TEMPORARY CONTOUR
	100 YEAR FLOOD LINE
	PROPOSED CATCH BASIN WITH INLET PROTECTION
	PROPOSED DIVERSION SWALE
	PROPOSED RETAINING WALL
	PROPOSED CULVERT
—120—	EXISTING MAJOR CONTOUR
– 121 –	EXISTING MINOR CONTOUR
+121.17	EXISTING SPOT ELEVATION
□	EXISTING CATCH BASIN
	EXISTING UTILITY POLE
—○—○—	PROPOSED SILT FENCE
– – – –	PROPOSED PHASE LINE
▨	IMPERVIOUS SURFACE
▨	PROPOSED RIP RAP
▨	PROPOSED CONSTRUCTION ENTRANCE
▨	PROPOSED EROSION CONTROL BLANKET

APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE CITY OF BEACON, NEW YORK, ON THE

____________ DAY OF ______________, 20______, SUBJECT TO ALL REQUIREMENTS AND CONDITIONS OF SAID RESOLUTION. ANY CHANGE, ERASURE, MODIFICATION OR REVISION OF THIS PLAT, AS APPROVED, SHALL VOID THIS APPROVAL.

SIGNED THIS ________________ DAY OF _____________, 20____, BY

_________________________ CHAIRMAN

_________________________ SECRETARY

IN ABSENCE OF THE CHAIRMAN OR SECRETARY, THE ACTING CHAIRMAN OR ACTING SECRETARY RESPECTIVELY MAY SIGN IN THIS PLACE.

DANIEL G. KOEHLER
082716

REVISIONS:

NO.	DATE	DESCRIPTION	BY
1	2/28/17	PER PLANNING BOARD COMMENTS	CMB
2	3/28/17	PER PLANNING BOARD COMMENTS	MAB
3	4/24/17	NO CHANGE THIS SHEET	MAB
4	5/30/17	PER PLANNING BOARD COMMENTS	MAB
5	7/25/17	NO CHANGE THIS SHEET	MAB
6	8/29/17	PER PLANNING BOARD COMMENTS	MAB
7	9/26/17	PER PLANNING BOARD COMMENTS	MAB
8	10/31/17	NO CHANGE	MAB
9	11/28/17	NO CHANGE	MAB
10	01/30/18	PER PLANNING BOARD COMMENTS	MAB
11	6/26/18	NO CHANGE THIS SHEET	MAB
12	7/31/18	NO CHANGE THIS SHEET	MAB
13	8/28/18	NO CHANGE THIS SHEET	MAB

Erosion And Sediment Control Plan

Sheet 11 of 15

Owner:
Scenic Beacon Developments, LLC
25 East Main Street
Beacon. NY 12508

Architect:
Aryeh Siegel, Architect
514 Main Street
Beacon, New York 12508

Site / Civil Engineer:
Hudson Land Design
174 Main Street
Beacon, New York 12508

Surveyor:
TEC Land Surveying, P.C.
15C Tioronda Avenue
Beacon, New York 12508

Edgewater
Beacon, New York
Scale: 1" = 30'
January 31, 2017