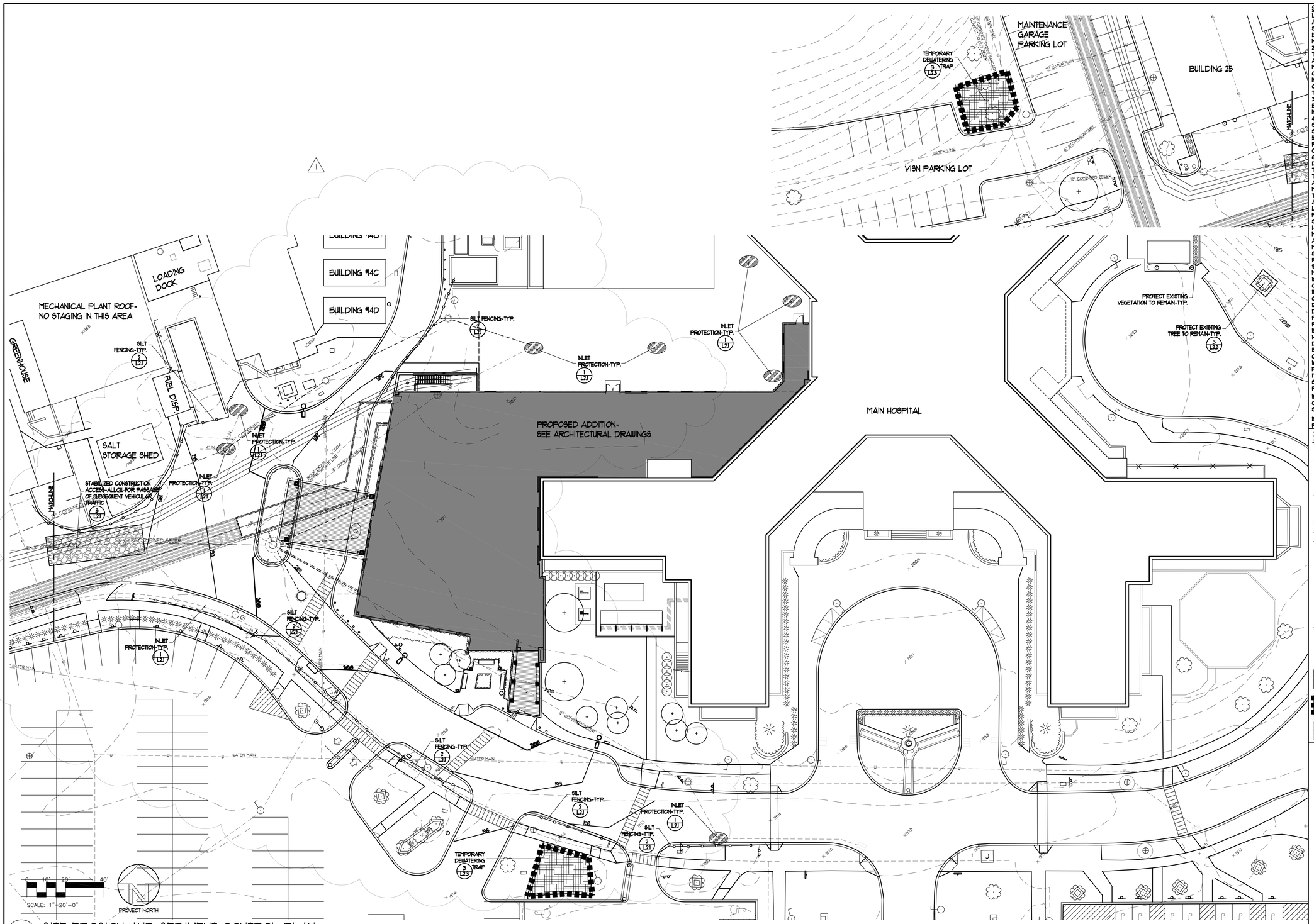

1 / L1.4 SITE EROSION AND SEDIMENT CONTROL PLAN

SCALE: 1"=20'-0"

SEDIMENT AND EROSION CONTROL NOTES

1. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES MANUAL FOR EROSION AND SEDIMENT CONTROL AND THE STANDARDS FOR NEW YORK STATE DEPT. OF ENVIRONMENTAL CONSERVATION AND WILL BE INSTALLED IN PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT STABILIZATION IS ESTABLISHED.
2. TIMELY MAINTENANCE OF SEDIMENT CONTROL STRUCTURES IS THE RESPONSIBILITY OF THE CONTRACTOR. 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 CO.TR. 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.
3. THE LOCATIONS AND THE INSTALLATION TIMES OF THE SEDIMENT STANDARDS SHALL BE AS ORDERED BY THE CO.TR. AND IN ACCORDANCE WITH THE STANDARDS SET FORTH IN THE SWPP.
4. ALL TOPSOIL NOT TO BE USED FOR FINAL GRADING SHALL BE PLACED IN A STABILIZED STOCKPILE OR FILL AREA. STOCK PILED TOPSOIL SHALL BE TEMPORARILY SEEDED AND MULCHED WITHIN 14 DAYS. LOCATION TO BE DETERMINED BY THE CO.TR.
5. STOCKPILES ARE NOT TO BE LOCATED WITHIN 50' OF A FLOOD PLAIN, SLOPE, ROADWAY, OR DRAINAGE FACILITY. THE BASE OF ALL STOCKPILES SHOULD BE CONTAINED BY A HAY BALE BARRIER OR SILT FENCE.
6. ANY DISTURBED AREA THAT WILL BE LEFT EXPOSED FOR MORE THAN TWO WEEKS (14 DAYS) AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING AND MULCHING. IF THE SEASON PROHIBITS TEMPORARY SEEDING, THE DISTURBED AREA WILL BE MULCHED WITH SALT HAY OR EQUIVALENT AND BOUND IN ACCORDANCE WITH THE N.Y. STANDARDS (i.e. PEG AND TUNE, MULCH NETTING, OR LIQUID MULCH BINDER).
7. STABILIZATION SPECIFICATIONS:
   A. TEMPORARY SEEDING AND MULCHING:
   LIME-90 LBS/1,000SF GROUND LIMESTONE
   FERTILIZER-11 LBS/1,000SF 10-20-10 OR EQUIVALENT WORKED INTO SOIL A MINIMUM OF 4".
   SEED-PERENNIAL RYEGRASS 40 LBS/ACRE (1 LB/1,000SF) PLANTED BETWEEN MARCH 1-MAY 15 OR BETWEEN AUG. 15-OCT. 1.
   MULCH-SALT HAY OR SMALL GRAIN STRAW AT A RATE OF 70-90 LBS/1,000SF TO BE APPLIED ACCORDING TO N.Y. STANDARDS. MULCH SHALL BE SECURED BY APPROVED METHODS (I.E. PEG AND TUNE, MULCH NETTING, OR LIQUID MULCH BINDER).
8. THE SITE AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
9. SOIL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSPECTED AND MAINTAINED ON A DAILY BASIS, INCLUDING BEFORE AND AFTER EVERY STORM EVENT.
10. MAXIMUM SIDE SLOPES OF ALL EXPOSED SURFACES SHALL NOT EXCEED 3:1 UNLESS OTHERWISE APPROVED BY THE CO.TR.
11. DUST SHALL BE CONTROLLED VIA THE APPLICATION OF WATER OR CALCIUM CHLORIDE.
12. ALL SOIL WASHED, DROPPED, SPILLED OR TRACKED OUTSIDE THE LIMIT OF DISTURBANCE OR ONTO PUBLIC RIGHT-OF-WAYS, WILL BE REMOVED IMMEDIATELY. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES DURING THE COURSE OF THE PROJECT.
13. CATCH BASIN INLETS WILL BE PROTECTED WITH AN INLET FILTER.
14. STORM DRAINAGE OUTLETS WILL BE STABILIZED, AS REQUIRED, BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.
15. ALL DEWATERING OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT CONTROL DEVICE.
16. TREES TO REMAIN AFTER CONSTRUCTION ARE TO BE PROTECTED WITH A SUITABLE FENCE INSTALLED AT THE DRIP LINE OR BEYOND.
17. SEDIMENT AND EROSION CONTROL STRUCTURES SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE DRAINAGE AREA HAS BEEN PROPERLY STABILIZED BY PERMANENT MEASURES.
18. STAGING AREA LOCATION TO BE DETERMINED AND COORDINATED IN THE FIELD BY CO.TR. THE PATIO OVER THE TANK FARM (BETWEEN THE BOILER PLAN AND THE SALT SHED) IS NOT AVAILABLE AT ALL.
19. STAGING AREA SHALL BE INSTALLED TO MEET ALL EPA REQUIREMENTS AND TO PREVENT ANY POSSIBLE RUNOFF THROUGHOUT CONSTRUCTION.

EROSION LEGEND

- EXISTING SPOT GRADE (×(479.8))
- EXISTING CONTOUR (479)
- EXISTING VEGETATION TO REMAIN
- EXISTING LIGHT TO REMAIN
- NEW CONTOUR (478)
- NEW SPOT GRADE (+475.92)
- POINT OF TC/BC SPOT ELEVATION
- NEW CONCRETE CURB
- SILT FENCING
- TREE PROTECTION FENCING
- PROTECT EXISTING AND NEW BASINS AND INLETS
- NEW DECIDUOUS TREE
- NEW PLANTING BED
- NEW DROP CURB
- EXISTING PIPE
- NEW SANITARY MANHOLE
- NEW ROAD BASIN
- NEW HYDRODYNAMIC SEPARATOR
- CONSTRUCTION ACCESS ROAD
- TEMPORARY DEWATERING TRAP
- PORTION OF NEW CHILLER PIPING TUNNEL TO BE COMPLETED UNDER HOT WATER LINES PHASE II PROJECT

FINAL DESIGN (100%)
FULLY SPRINKLERED

Revisions:	Date
1 ADDENDUM 1	7-24-12

CONSULTANTS:

Quality Service Since 1944
FRIEDMAN FISHER ASSOCIATES, P.C.
CONSULTING ENGINEERS
22 Aviation Road, Albany, New York 12205
TEL (518) 455-7040 FAX (518) 455-7043
mail@friedmanfisher.com

RYAN-BIGGS ASSOCIATES, P.C.
257 Ushers Road p 518.406.5506
Clifton Park, NY 12205 f 518.406.5514
www.ryanbiggs.com

EBERLIN AND EBERLIN, P.C.
247 ROUTE 100 SUITE 1003 SOMERS NEW YORK 10589
CONSULTING ENGINEERS, PLANNERS, LANDSCAPE ARCHITECTS
914.232.6431 PHONE 914.232.6827 FAX

ARCHITECT/ENGINEERS:

Hyman Hayes
ASSOCIATES
6 WEMBLEY COURT, ALBANY, NEW YORK 12205
(518) 452-3470 (518) 452-3783 Fax

HHA Proj. 10046

Drawing Title: SITE EROSION AND SEDIMENT CONTROL PLAN

Approved Project Director:

Project Title: NEW EMERGENCY DEPARTMENT
Stratton VA Medical Center

Location: Albany, New York

Date: JUNE 13, 2012 | Checked | Drawn

Project Number: VA 528-809

Building Number: 95

Drawing Number: L1.4

Dwg. 5 of 115

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231