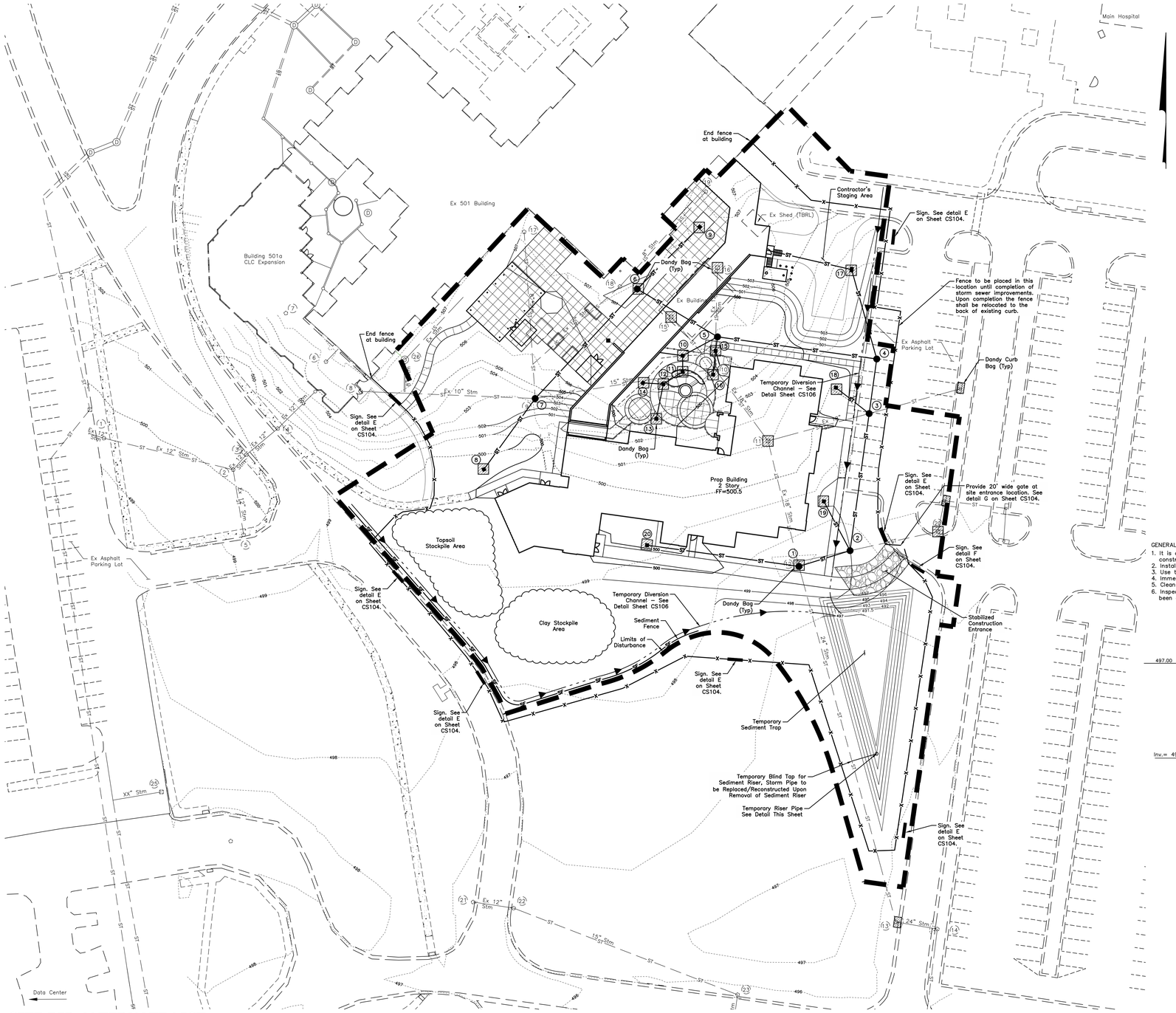



## LEGEND

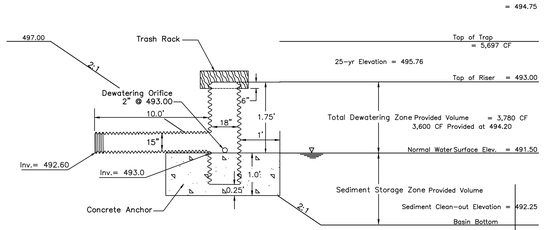
| | |
|---|---|
| Inlet Protection | |
| Stabilized Construction Entrance | |
| Temp. Diversion Channel | |
| Sediment Fence | SF |
| Construction Fence | X |
| Limits of Disturbance (2.54 Ac) | |
| Existing Contours | 506 505 |
| Proposed Contours | 496 495 |
| Proposed Spot Elevations | × 500.00 |

## CONSTRUCTION SEQUENCE

1. Notify the Owner and all utility companies having underground utilities onsite prior to any work or excavation.
2. Install security fencing around the work area.
3. Install a stabilized construction entrance.
4. Install tree protection fence.
5. Install perimeter sediment fence.
6. Install protection on the existing storm sewer inlets.
7. Install the temporary sediment trap outlet.
8. Excavate the temporary sediment trap, install the temporary riser pipe, stabilize the disturbed areas.
9. Establish the proposed temporary sediment trap diversion channels.
10. Install the proposed storm sewer necessary to route stormwater runoff from the Existing 501 Building around the proposed disturbed area.
11. Install protection on the proposed storm sewer structures as they are constructed.
12. Demo the existing storm sewer system, existing drive and patio features.
13. Establish temporary soil stockpile areas.
14. Commence with clearing and grading activities ensuring runoff is being routed to the sediment trap.
15. Stockpile the soil and temporarily stabilize.
16. Install the remaining proposed infrastructure and building. Don't install the engineered soil within the proposed bioretention basins until their tributary areas are permanently stabilized.
17. Remove the temporary sediment trap outlet structure and fill in the trap and temporary diversion channels.
18. Fine grade the site, permanently stabilize and install the landscaping features.
19. Remove the remaining temporary sediment controls.

GENERAL NOTES:

1. It is assumed that the sanitary sewer construction (by others) will be complete prior to construction of this project. Should construction be concurrent, sediment trap location shall be coordinated with sanitary installation.
2. Install the sediment trap and outlet structure prior to the commencement of clearing and grading activities.
3. Use temporary diversion channels to route the runoff to the trap during grading activities.
4. Immediately seed and mulch the disturbed areas associated with the trap installation.
5. Clean-out accumulated sediment within the trap once sediment has accumulated to an elevation of 492.25.
6. Inspect the outlet structure every 7 days and/or after a 0.5 inch rain event to ensure that the structure is sound and has not been damaged. Remove accumulated debris from the dewatering orifice to ensure that the structure is drainage properly.




| SEDIMENT TRAP DESIGN | | | | |
|---|---|---|---|---|
| TRIBUTARY ACREAGE | REQUIRED DEWATERING ZONE VOLUME 2.0 AC * 1,800 CF | REQUIRED STORAGE ZONE VOLUME 2.0 AC * 1,800 CF | PRE 1-YR PEAK FLOW | SEDIMENT RAP 1-YR PEAK DISCHARGE |
| 2.0 AC. | 3,600 CF | 3,600 CF | 1.91 CFS | 0.49 CFS |

PIPE RISER SEDIMENT TRAP

SCALE: NONE

**GRAPHIC SCALE**

0 15 30 60

1 inch = 30 feet

## SITE BID ALTERNATE LIST:

BID ALTERNATE #1:
ELIMINATE LOADING DOCK PAVING AND LOCATION OF THE REMOTE FUEL STORAGE TANK AND BOLLARDS AS SHOWN ON CS108. DUE TO REMOVAL OF LOADING DOCK PAVING THE LIMITS OF DEMOTION (CS105) AND PAVEMENT REPLACEMENT (CS108) ARE MODIFIED. SEE LP106FOR MODIFIED LANDSCAPE PLANTINGS.

BID ALTERNATE #2:
ELIMINATE TEMPORARY CONSTRUCTION ACCESS AND CONCRETE WALKS, STEPS, RAMPS, PLANTER WALLS, UNDERDRAINS, RAINWATER HARVESTING SYSTEM AND IRRIGATION IN COURTYARD AREA AS SHOWN ON SHEET LP105. SIDEWALK TO REMAIN INCLUDES WALK ON SOUTH AND EAST SIDES OF BUILDING AND PORTIONS EXITING THE NORTH SIDE OF THE ELEVATOR LOBBY AREA. SEE CS109AFOR CLARIFICATION OF ANY SIDEWALKS TO REMAIN IN CONTRACT. SEE LP105FOR ELIMINATION OF PLANTINGS.

BID ALTERNATE #3:
EXTEND LIMITS OF GRADING TO SINGLE WIDE CORRIDOR (SEE ARCHITECTURAL DRAWINGS FOR LIMITS OF SINGLE WIDE CORRIDOR).

BID ALTERNATE #4:
DELETE CONNECTING CORRIDOR, ADD RETAINING WALL AND PEDESTRIAN WALK BRIDGE (SEE STRUCTURAL PLANS FOR DETAILS OF RETAINING WALL AND BRIDGE). ADD 6' WIDE WALK CONNECTION FROM 501 BUILDING TO PROPOSED DEMENTIA BUILDING, REDUCE LIMITS OF UPPER COURTYARD CONCRETE INSTALLATION. FOR GRADING MODIFICATIONS AND CLARIFICATION OF SCOPE, SEE CS109A. INSTALL LOW VOLTAGE DUCT BANK PER MECHANICAL PLANS.

BID DOCUMENTS
FULLY SPRINKLERED

| Revisions: | Date |
|---|---|

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C.C. HODGSON
ARCHITECTURAL GROUP

| | |
|---|---|
| Drawing Title | SEDIMENT & EROSION CONTROL PLAN |
| Approved: Project Director | |
| Project Title | RELOCATE DEMENTIA UNIT |
| Location | VAMC MARTINSBURG |
| Date | 8/6/2012 |
| Checked | JAM |
| Drawn | SBO |
| Project Number | VA PN 613-207 |
| Building Number | 513 |
| Drawing Number | CS106 |
| Dwg. 6 of 17 | |

Office of Construction and Facilities Management

Department of Veterans Affairs

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