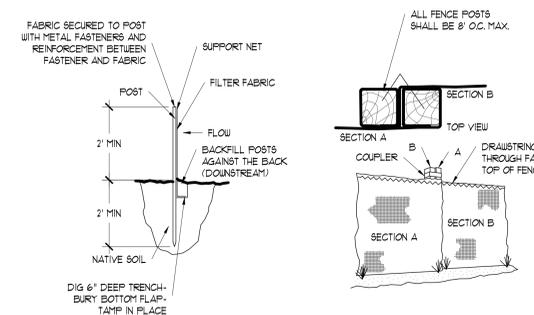
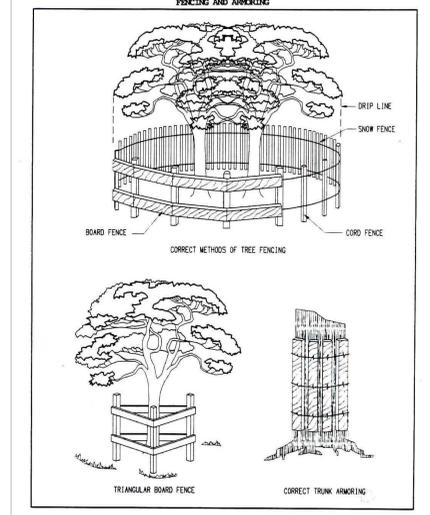


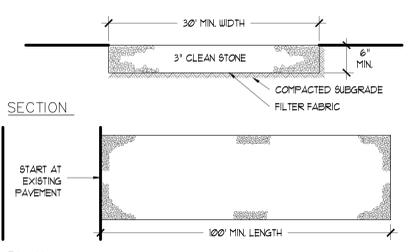
1 STONE AND BLOCK DROP INLET PROTECTION DETAIL
SCALE: NOT TO SCALE



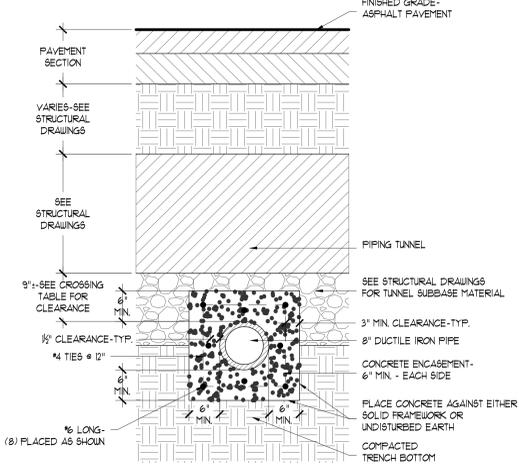
2 FABRIC SILTATION FENCE DETAIL
SCALE: NOT TO SCALE



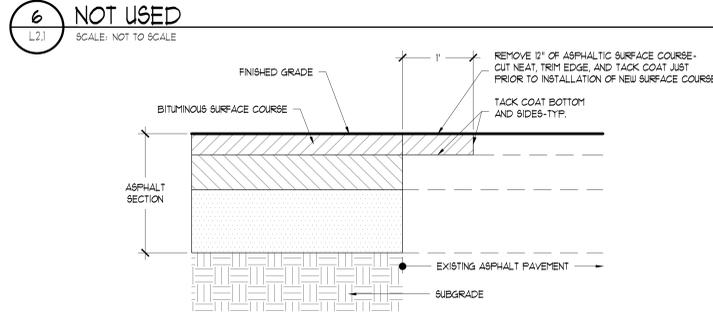
4 TREE PROTECTION FENCING DETAIL
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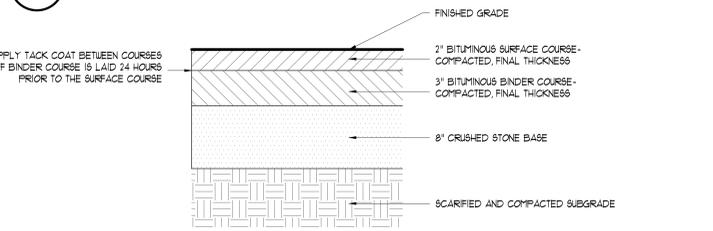
3 STABILIZED CONSTRUCTION ACCESS DETAIL
SCALE: NOT TO SCALE



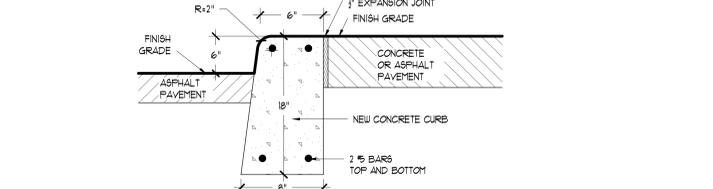
5 PIPE ENCASEMENT TRENCH DETAIL
SCALE: NOT TO SCALE



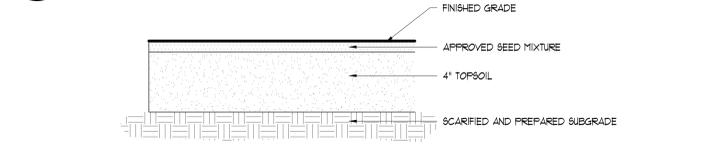
7 NEW ASPHALT PAVEMENT MEETING EXISTING ASPHALT ROAD PAVEMENT DETAIL
SCALE: NOT TO SCALE



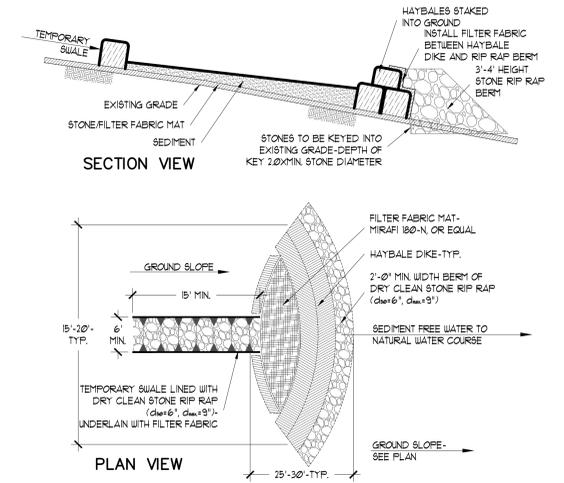
8 NEW ASPHALT ROAD PAVEMENT DETAIL
SCALE: NOT TO SCALE



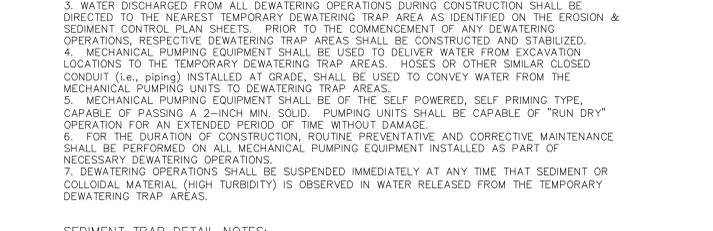
9 CONCRETE CURB DETAIL
SCALE: NOT TO SCALE



10 LAWN RESTORATION DETAIL
SCALE: NOT TO SCALE



11 TEMPORARY DEWATERING TRAP DETAIL
SCALE: NOT TO SCALE



12 TOPSOIL AND SEED SECTION DETAIL
SCALE: NOT TO SCALE

TREE PROTECTION NOTES:
1. FENCE SHALL BE INSTALLED PRIOR TO ANY SITE DEMOLITION, SITE PREPARATION, OR EXCAVATION. EXISTING TREES TO REMAIN SHALL BE PROTECTED FIRST BEFORE ANY OTHER WORK IS EXECUTED.
2. TREES TO REMAIN AFTER CONSTRUCTION ARE TO BE PROTECTED WITH A SUITABLE FENCE INSTALLED AT THE DRIP LINE OR BEYOND.
3. ALL TREES TO BE TRANSPLANTED SHALL BE MOVED TO DESIGNATED 'HEELING-IN' AREA PRIOR TO ANY SITE DEMO, SITE PREP OR EXCAVATION.
4. NO MATERIALS SHALL BE STORED OR NO ACTIVITY PERMITTED WITHIN THE FENCED AREAS OR BENEATH DRIPLINE OF ANY TREE.
5. ABSOLUTELY NO FIRES ALLOWED ON SITE.
6. MAINTAIN PROTECTIVE FENCING UNTIL AFTER ALL CONSTRUCTION OPERATIONS WITHIN 100 FEET OF TREES HAVE BEEN COMPLETED. FENCING CAN ONLY BE REMOVED AFTER ALL EARTHWORK AND SURROUNDING SITE IMPROVEMENTS ARE COMPLETE. OPENINGS WITHIN PROTECTION AREA ARE THEN PERMITTED AS NECESSARY TO FACILITATE THE WORK OF PLANTING, LAIRS, OR IRRIGATION.
7. DAMAGE TO THE TREE BARK AND/OR BRANCHES CAUSED BY THE CONTRACTOR AND/OR ANY SUBCONTRACTOR SHALL REQUIRE INSPECTION BY A NEW YORK STATE LICENSED ARBORIST. ARBORIST SHALL MAKE RECOMMENDATIONS TO REPAIR DAMAGE AND AMELIORATE INJURY(S). THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING THE RECOMMENDATIONS BY APPROPRIATE PROFESSIONAL ARBORISTS SERVICES.
8. GENERAL CONTRACTOR AND/OR CONSTRUCTION MANAGER SHALL BE RESPONSIBLE FOR MAINTAINING FENCING THROUGH ENTIRE CONSTRUCTION PERIOD.

TEMPORARY DEWATERING OPERATION NOTES:
1. TEMPORARY SITE DEWATERING OPERATIONS SHALL BE EMPLOYED, AS REQUIRED, FOR THE CONSTRUCTION OF TUNNEL.
2. SITE DEWATERING WILL BE PERFORMED, AS REQUIRED, TO COMPLETE THE INSTALLATION OF THE TUNNEL, STORM DRAIN MANHOLES, AND OTHER SITE UTILITIES.
3. WATER DISCHARGED FROM ALL DEWATERING OPERATIONS DURING CONSTRUCTION SHALL BE DIRECTED TO THE NEAREST TEMPORARY DEWATERING TRAP AREA AS IDENTIFIED ON THE EROSION & SEDIMENT CONTROL PLAN SHEETS. PRIOR TO THE COMMENCEMENT OF ANY DEWATERING OPERATIONS, RESPECTIVE DEWATERING TRAP AREAS SHALL BE CONSTRUCTED AND STABILIZED.
4. MECHANICAL PUMPING EQUIPMENT SHALL BE USED TO DELIVER WATER FROM EXCAVATION LOCATIONS TO THE TEMPORARY DEWATERING TRAP AREAS. HOSES OR OTHER SIMILAR CLOSED CONDUIT (i.e., piping) INSTALLED AT GRADE, SHALL BE USED TO CONVEY WATER FROM THE MECHANICAL PUMPING UNITS TO DEWATERING TRAP AREAS.
5. MECHANICAL PUMPING EQUIPMENT SHALL BE OF THE SELF-POWERED, SELF-PRIMING TYPE, CAPABLE OF PASSING A 2-INCH MIN. SOLID. PUMPING UNITS SHALL BE CAPABLE OF "RUN DRY" OPERATION FOR AN EXTENDED PERIOD OF TIME WITHOUT DAMAGE.
6. FOR THE DURATION OF CONSTRUCTION, ROUTINE PREVENTATIVE AND CORRECTIVE MAINTENANCE SHALL BE PERFORMED ON ALL MECHANICAL PUMPING EQUIPMENT INSTALLED AS PART OF NECESSARY DEWATERING OPERATIONS.
7. DEWATERING OPERATIONS SHALL BE SUSPENDED IMMEDIATELY AT ANY TIME THAT SEDIMENT OR COLLOIDAL MATERIAL (HIGH TURBIDITY) IS OBSERVED IN WATER RELEASED FROM THE TEMPORARY DEWATERING TRAP AREAS.

SEDIMENT TRAP DETAIL NOTES:
1. SEDIMENT TRAP AREA TO BE CLEARED, GRUBBED AND LIGHTLY GRADED TO THE EXTENT REQUIRED TO COMPLETE INSTALLATION OF TEMPORARY SWALE, FILTER FABRIC, HAY BALE DIKE AND STONE RIP RAP BERM.
2. HAY BALES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
3. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 4", AND PLACED SO THAT BINDINGS ARE HORIZONTAL.
4. EACH BALE SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR RE-BAR DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPED STORM FLOW OR DRAINAGE.
6. LOCATION AND PLACEMENT AS SHOWN ON THE APPROVED EROSION & SEDIMENT CONTROL PLANS.
7. SEDIMENT TO BE REMOVED WHEN ACCUMULATION EXCEEDS 12" AT DISCHARGE END.
8. EXTEND THE COMBINED HAY BALE AND RIP RAP BERM AS REQUIRED DURING CONSTRUCTION TO PROVIDE FULL CONTAINMENT OF STANDING WATER POOL.

UNREVIEWED FINAL DESIGN (100%)
NOT FOR CONSTRUCTION

CONSULTANTS: Quality Service Since 1944 FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS 22 Manhattan Road, Albany, New York 12205 TEL: (518) 456-7040 FAX: (518) 456-7043 mail@fridmanfisher.com EBERLIN AND EBERLIN, P.C. 31 SODOM ROAD, BREWSTER, NEW YORK 13609 CONSULTING ENGINEERS, PLANNERS, LANDSCAPE ARCHITECTS 845.582.0359 PHONE 845.279.2052 FAX		ARCHITECT/ENGINEERS: Hyman Hayes ASSOCIATES 6 WEMBLEY COURT, ALBANY, NEW YORK 12205 (518) 452-3470 (518) 452-3783 Fax HHA Proj. 12072		Drawing Title SITE DETAILS Approved Project Director		Project Title REPAIR HOT WATER LINES PHASE III Stratton VA Medical Center Location Albany, New York Date MARCH 20, 2016 Checked RT Drawn LGJ		Project Number VA 528A8-10-814 Building Number - Drawing Number L2.1 Dwg. 7 of 18		Office of Construction and Facilities Management Department of Veterans Affairs	
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