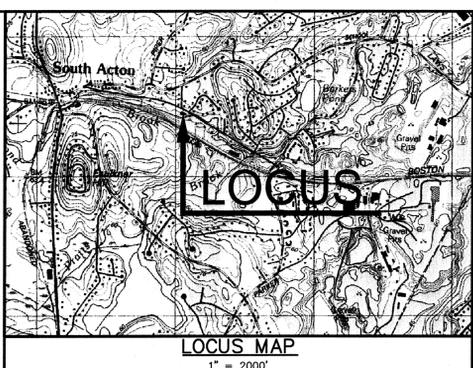


**SITE NOTES:**

1. DEWATER EXCAVATION OF NEW FOUNDATION AS NECESSARY. DEWATER THROUGH USE OF TEMPORARY DEWATERING STRUCTURE.
2. REPAIR/RECONSTRUCT EXISTING RETAINING WALLS DURING DRY SEASON (TYPICALLY JULY-AUGUST) WHILE FLOWS ARE LOW. INSTALL SANDBAG BARRIER AS NECESSARY TO PERFORM WORK.
3. PLACE TEMPORARY DEWATERING STRUCTURE & GRADE AS SHOWN IN ORDER TO ALLOW FLOW FROM TEMPORARY DEWATERING STRUCTURE INTO BIORETENTION CELL NO. 2.



**ELEVATION DATUM:**  
 DATUM: NGVD 1929

**EXISTING CONDITIONS NOTES:**

1. THIS LOT IS IN ZONES X & AE AS SHOWN ON THE F.E.M.A. FLOOD INSURANCE RATE MAP FOR ACTON, MASSACHUSETTS, DATED JANUARY 6, 1988, COMMUNITY-PANEL NO. 250176 0003 C.
2. WETLAND BOUNDARY LINE IS PLOTTED FROM FIELD LOCATION OF FLAGS PLACED BY OXBOW ASSOCIATES, DECEMBER 2006.
3. ON-SITE EXISTING CONDITIONS SURVEY BY GPR, INC. IN MAY 2007.

**ASSESSORS REFERENCE:**

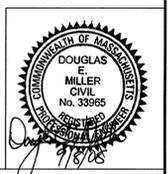
ASSESSORS MAP H-3, PARCEL 138, LOT 2, 2.9± ACRES  
 OWNER PER ASSESSOR RECORD:  
 LOTHROP MILL, LLC  
 544 MASSACHUSETTS AVENUE  
 ACTON, MA 01720

**PLAN REFERENCES:**

1. "RESIDENTIAL DEVELOPMENT - 81 RIVER STREET, ACTON MA" PREPARED FOR LOTHROP MILL, LLC BY GOLDSMITH, PREST & RINGWALL, INC. DATED MAY 2008.

**DRAWING ISSUED FOR:**

- CONCEPT
- CONSTRUCTION
- PERMIT
- CONSTRUCTION RECORD



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NO.	DATE	BY	APP.	REVISION DESCRIPTION

**GPR** Engineering Solutions for Land & Structures  
**GOLDSMITH, PREST & RINGWALL, INC.**  
 39 MAIN STREET, SUITE 301, AYER, MA 01432  
 CIVIL & STRUCTURAL ENGINEERING • LAND SURVEYING & LAND PLANNING  
 VOICE: 978.772.1590 FAX: 978.772.1591  
 www.gpr-inc.com

**RESIDENTIAL DEVELOPMENT NOTICE OF INTENT**

**SITE PLAN**

**81 RIVER STREET  
 ACTON, MA**

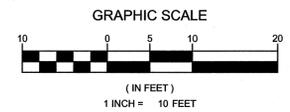
OWNER/APPLICANT:  
 LOTHROP MILL, LLC  
 544 MASSACHUSETTS AVENUE  
 ACTON, MA 01720

**LEGEND**

- |  |                                |  |                               |
|--|--------------------------------|--|-------------------------------|
|  | ELEVATION CONTOUR              |  | PROPOSED SPOT GRADE           |
|  | PROPERTY LINE                  |  | BUILDING ENVELOPE             |
|  | 10-YR FLOODPLAIN LIMIT         |  | 100-YR FLOODPLAIN LIMIT       |
|  | WETLAND/RIVERFRONT EDGE LIMIT  |  | 25' NO-DISTURBANCE ZONE LIMIT |
|  | 100' WETLAND BUFFER ZONE LIMIT |  | SHORELINE                     |
|  | INTERMITTENT STREAM/DITCH      |  | 200' RIVERFRONT ZONE LIMIT    |
|  | EDGE OF PAVEMENT               |  | GRAVEL/DIRT ROAD              |
|  | FENCE                          |  | STONE WALL                    |
|  | WATER MAIN                     |  | FIRE SERVICE                  |
|  | GRAVITY SEWER LINE             |  | GAS LINE                      |
|  | BURIED POWER LINE              |  | UNDERDRAIN                    |
|  | STORM DRAIN                    |  | CATCH BASIN                   |
|  | DRAIN MANHOLE                  |  | HAYBALE BARRIER               |
|  | SILTY FENCE BARRIER            |  | RETAINING WALL                |
|  | DEEP SOIL OBSERVATION HOLE     |  | PERCOLATION TEST              |
|  | SOIL BORING                    |  | GROUNDWATER MONITORING WELL   |
|  | WELL                           |  | ELEVATION BENCHMARK           |
|  | SURFACE RUNOFF DIRECTION       |  | TRAFFIC FLOW DIRECTION        |
|  | WATER SHUT-OFF VALVE           |  |                               |

**ABBREVIATIONS**

- |     |                       |      |                      |
|-----|-----------------------|------|----------------------|
| EOP | EDGE OF PAVEMENT      | CC   | CONCRETE CURB        |
| TW  | TOP OF WALL           | BSMT | BASEMENT             |
| FG  | FINISH GRADE          | RF   | RIVERFRONT FLAG      |
| CB  | CATCH BASIN           | WF   | WETLAND FLAG         |
| SMH | SEWER MANHOLE         | WF   | WETLAND FLAG         |
| DMH | DRAIN MANHOLE         | STB  | SETBACK              |
| CLF | CHAINLINK FENCE       | TOP  | TOP OF FOUNDATION    |
| INV | INVERT                | N/F  | NOW OR FORMERLY      |
| EL  | ELEVATION             | PVC  | POLYVINYL CHLORIDE   |
| CMP | CORRUGATED METAL PIPE | SF   | SQUARE FEET          |
| CS  | CURB STOP             | AC   | ACRE                 |
|     |                       | PIV  | POST INDICATOR VALVE |



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**EROSION AND SEDIMENT CONTROL REQUIREMENTS**

**PART 1 - GENERAL**

**1.01 SUMMARY**

A. FURNISH, INSTALL, AND MAINTAIN TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES, SUCH AS, BUT NOT NECESSARILY LIMITED TO, HAY BALE AND SILT FENCE BARRIERS, RIPRAP, DIVERSION CHANNELS AND BERMS, CHECK DAMS, STRATEGICALLY LOCATED STOCKPILES, SEDIMENT BASINS, MULCH, AND SEED MIX (HEREINAFTER "CONTROL MEASURES") ADEQUATE TO PREVENT THE CONVEYANCE OF EROSION PRODUCTS (E.G. SOIL, MULCH, SOD) OFF SITE, OR INTO ENVIRONMENTALLY SENSITIVE AREAS, OR INTO AREAS WHERE WORK WILL BE ADVERSELY IMPACTED. ENVIRONMENTALLY SENSITIVE AREAS INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO, WETLANDS, TRIBUTARIES TO WETLANDS, WETLAND BUFFER ZONES, INTERMITTENT AND PERENNIAL STREAMS / RIVERS, AND THEIR ATTENDANT BUFFER ZONES.

- REFER TO DRAWINGS FOR LOCATION AND DETAILS OF CONTROL MEASURES REQUIRED TO COMMENCE WORK. THESE CONTROL MEASURES WILL BE ADEQUATE ONLY FOR VEGETATION CLEARING. THE DRAWINGS ARE NOT INTENDED TO GRAPHICALLY DEPICT ALL CONTROL MEASURES THAT WILL BE REQUIRED TO MEET THE REQUIREMENTS DESCRIBED IN 1.01.A.
- DEVEISE AND EMPLOY CONTROL MEASURES THROUGHOUT THE DURATION OF PROJECT, OVER ALL AREAS DISTURBED OR UNDISTURBED BY CONSTRUCTION, AS NECESSARY TO MEET THE REQUIREMENTS DESCRIBED IN 1.01.A.
- DEVEISE AND EMPLOY TEMPORARY CONTROL MEASURES AS NECESSARY TO MEET THE REQUIREMENTS DESCRIBED IN 1.01.A, WHILE ALLOWING WORK TO PROCEED IN AN EFFICIENT, COST EFFECTIVE MANNER.
- DEVEISE, EMPLOY AND MAINTAIN CONTROL MEASURES UNTIL SUCH TIME AS THE ENTIRE SITE IS PERMANENTLY STABILIZED BY ESTABLISHED VEGETATION, FINISH LANDSCAPE MATERIALS, PAVED SURFACES, AND/OR ROOF AREA.
- ONCE THE SITE IS PERMANENTLY STABILIZED AND CERTIFIED AS SUCH BY ENGINEER, REMOVE TEMPORARY CONTROL MEASURES WHILE PROTECTING STABILIZED SURFACES.

**1.02 SUBMITTALS**

A. SUBMIT PRODUCT DATA, WARRANTY, AND TEST REPORTS AS INDICATED ON THE DRAWINGS.

**1.03 QUALITY ASSURANCE**

- COMPLY WITH GOVERNING CODES AND REGULATIONS. PROVIDE PRODUCTS FROM ACCEPTABLE MANUFACTURERS. USE EXPERIENCED INSTALLERS. DELIVER, HANDLE, AND STORE MATERIALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- CONFORM TO CONDITIONS OF APPROVAL ISSUED BY REGULATORY AGENCIES INCLUDING, BUT NOT NECESSARILY LIMITED TO, LOCAL PLANNING BOARD, CONSERVATION COMMISSION, BOARD OF SELECTMEN, BOARD OF HEALTH, PUBLIC WORKS / HIGHWAY DEPARTMENT, STATE ENVIRONMENTAL PROTECTION DEPARTMENT, AND U.S. GOVERNMENT, ENVIRONMENTAL PROTECTION AGENCY, WHERE CONDITIONS OF REGULATORY APPROVAL DIFFER FROM REQUIREMENTS CONTAINED HEREIN OR ON THE DRAWINGS, COMPLY WITH THE MORE STRINGENT REQUIREMENT.

**PART 2 - PRODUCTS**

**2.01 MATERIALS**

- HAY BALES: DRY GRASS OR STRAW, MACHINE BOUND WITH JUTE OR WIRE, APPROXIMATE SIZE EACH BALE 42" X 16" X 16".
- SILT FENCE: NON-WOVEN, UV-RESISTANT, POLYPROPYLENE FABRIC, FLOW RATED AT 10 GPM/SF MINIMUM, GRAB TENSILE RATED AT 124 POUNDS MINIMUM, WITH INTEGRAL STAKE LOOPS, AND HARDWOOD STAKES. USE NO. 2130 BY AMOCO FABRICS & FIBERS, OR APPROVED EQUAL.
- SEED MIXES: PERENNIAL RYEGRASS, KENTUCKY BLUEGRASS, AND / OR FINE FESCUE, DISEASE RESISTANT. NON-MAINTAINED AREA OPTION - ANNUAL RYEGRASS COMBINED WITH MEDIUM RED CLOVER.
- ROCK RIPRAP: SOUND, ANGULAR, 6-INCH MINUS PROCESSED ROCK, BLAST ROCK, OR TAILINGS.
- CRUSHED STONE: SOUND, ANGULAR, 2-INCH MINUS PROCESSED CRUSHED STONE
- SINGLE NET STRAIN BLANKET: NORTH AMERICAN GREEN S75, OR APPROVED EQUAL.
- "DIRTBAO" BY ACF ENVIRONMENTAL, OR APPROVED EQUAL.

**PART 3 - EXECUTION**

**3.01 THROUGHOUT CONSTRUCTION**

- DEVEISE WORK SEQUENCE SO AS TO LIMIT DRAINAGE AREA THAT IS TRIBUTARY TO DISTURBED AREAS. DEVEISE, EMPLOY, AND MAINTAIN CONTROL MEASURES SUCH AS DIVERSION CHANNELS AND BERMS, STRATEGICALLY LOCATED STOCKPILES, AND SEDIMENT BASINS TO SUBDIVIDE DRAINAGE AREAS INTO SMALL, MANAGEABLE SUBAREAS, THEREBY MINIMIZING RUNOFF AND THE POTENTIAL FOR EROSION.
- MAINTAIN BARRIER AT LIMIT OF WORK AND PROTECT EXISTING VEGETATION / FACILITIES OUTSIDE OF LIMIT OF WORK.
- MAINTAIN SPARE MATERIAL STOCKPILES FOR IMMEDIATE EMPLOYMENT / REPAIR / EXPANSION OF CONTROL MEASURES. AT A MINIMUM, SUCH MATERIALS SHALL INCLUDE HAY BALES, SILT FENCE AND STAKES, AND CRUSHED STONE.
- INSPECT AND MAINTAIN EFFECTIVENESS OF CONTROL MEASURES BY REPAIRING AS NECESSARY TO ENSURE INTENDED FUNCTION; BY SUPPLEMENTING AS NECESSARY FOR ADEQUATE EXTENT; BY REMOVING TRAPPED PRODUCTS OF EROSION AS NECESSARY TO MAINTAIN EFFECTIVE TRAP VOLUME.
- LIMIT EXTENT OF WORK AREA SO THAT ALL DISTURBED AREAS CAN BE STABILIZED WITH CONTROL MEASURES WITHIN A 24-HOUR PERIOD.
- INSTALL CONTROL MEASURES AS SOON AS PRACTICABLE AFTER EACH MANAGEABLE PORTION OF EARTHWORK IS COMPLETE. EMPLOY TEMPORARY MEASURES AS NECESSARY TO STABILIZE DISTURBED AREAS, EVEN WHERE SUBSEQUENT CONSTRUCTION OPERATIONS MAY REQUIRE RE-DISTURBANCE.
- WHEN INTENSE RAINFALL IS EXPECTED, CONSIDER, DEVEISE, AND EMPLOY REINFORCING CONTROL MEASURES PRIOR TO THE RAINFALL EVENT TO MEET THE REQUIREMENTS DESCRIBED IN 1.01.A. IF NECESSARY, EMPLOY TEMPORARY CONTROL MEASURES ON MATERIAL STOCKPILES TO COUNTERACT POTENTIAL SEDIMENT TRANSPORT DURING INTENSE RAINFALL.
- WHEN VEHICLE REFUELING IS REQUIRED ON SITE, CONDUCT REFUELING OPERATIONS OUTSIDE OF ENVIRONMENTALLY SENSITIVE AREAS.
- PROPERLY DISPOSE OF DEBRIS, SOLID WASTE, TRASH, AND CONSTRUCTION WASTE / BYPRODUCTS OFF SITE.
- SWEEP ON-SITE PAVED AREAS AND OFF-SITE STREETS AS NECESSARY TO PREVENT SILT AND DEBRIS ORIGINATING ON SITE FROM ENTERING CLOSED DRAINAGE SYSTEMS AND / OR ENVIRONMENTALLY SENSITIVE AREAS.

**3.02 SITE PREPARATION AND ACCESS**

- WALK SITE AND IDENTIFY LOCATIONS OF LIMIT OF WORK AND ENVIRONMENTALLY SENSITIVE AREAS. ESTABLISH CONSTRUCTION STAGING AREA, LOCATED BEYOND ENVIRONMENTALLY SENSITIVE AREAS.
- INSTALL CONTROL MEASURES AS SHOWN ON THE DRAWINGS, INCLUDING THOSE DEFINING THE LIMIT OF WORK.
- LIMIT VEHICULAR TRAFFIC TO AND FROM SITE TO MINIMIZE TRANSPORT OF SEDIMENT. INCLUDE GRUBBING, AND STRIPPING.

A. SCHEDULE GRUBBING AND STRIPPING TO OCCUR IMMEDIATELY PRIOR TO EARTH DISTURBANCE. DEPENDING ON SITE AREA, CONSIDER MULTIPLE GRUBBING PHASES, SEQUENCED TO TAKE ADVANTAGE OF THE EROSION PREVENTION POTENTIAL OF EXISTING VEGETATIVE COVER.

B. MINIMIZE THE AREA OF EXISTING VEGETATION REMOVED WHEREVER POSSIBLE.

C. LOCATE AND SIZE STOCKPILES TO MINIMIZE EROSION POTENTIAL, TAKING ADVANTAGE OF TERRAIN SLOPE AND ASPECT, WHERE APPROPRIATE.

D. PROTECT VEGETATION, INCLUDING ROOT SYSTEMS, BEYOND LIMIT OF CLEARING.

E. PROCESS TIMBER, STUMPS, SLASH, AND BRUSH SO AS TO PROTECT ENVIRONMENTALLY SENSITIVE AREAS AND INSTALL CONTROL MEASURES. PROPERLY DISPOSE OF EXCESS OFF SITE. BURIAL OF STUMPS ON SITE IS PROHIBITED.

**3.04 EXCAVATION FOR BUILDING FOUNDATIONS AND UTILITIES**

A. DEVEISE AND INSTALL CONTROL MEASURES ADEQUATE TO HANDLE DISCHARGES AND TRAP SEDIMENT FROM FOOTING SUMP AND WELL POINT PUMPS PRIOR TO EXCAVATION.

B. ARMOR SUMP PUMP DISCHARGE LOCATIONS TO PREVENT EROSION AT POINT OF DISCHARGE AND AREAS DOWNSTREAM.

C. IF FOUNDATION EXCAVATIONS GRADE TO DAYLIGHT ON THE LOW SIDE, DEVEISE AND INSTALL CONTROL MEASURES TO HANDLE SURFACE AND GROUNDWATER FLOW FROM EXCAVATION LOW POINT.

D. STOCKPILE EXCAVATED MATERIALS TO BAFFLE OVERLAND RUNOFF, AVOIDING THE CREATION OF LENGTHY PATHS OF CONCENTRATED RUNOFF.

E. BACKFILL UTILITY TRENCHES AS SOON AS PRACTICABLE TO PREVENT FLOODING, SLOUGHING, POTENTIAL OVERFLOW, AND REPETITIVE EARTH DISTURBANCE.

**3.05 SITE GRADING**

A. WHERE APPLICABLE, FOLLOW EXCAVATION AND FILL PRACTICES SHOWN ON DRAWINGS TO LOCALIZE AND MINIMIZE EROSION.

B. MONITOR SEDIMENT VOLUME IN TEMPORARY SEDIMENT BASINS AND AT DIVERSION BERMS AND CHECK DAMS. IN ALL AREAS EXCEPT THOSE THAT DO NOT PRESENT POTENTIAL PROBLEMS WITH REGARD TO FUTURE SOIL STABILITY, DRAINAGE, OR BEARING CAPACITY, REMOVE AND PROPERLY DISPOSE OF TRAPPED SEDIMENT BEFORE BRINGING SITE TO FINAL SUBGRADE.

**3.06 STORMWATER MANAGEMENT SYSTEM**

A. THE STORMWATER MANAGEMENT SYSTEM INCLUDES, BUT IS NOT NECESSARILY LIMITED TO, ALL PERMANENT DETENTION / RETENTION BASINS, DISCHARGE STRUCTURES / WEIRS, CULVERTS, OPEN CHANNELS, CURBS, GUTTERS, PAVED SWALES, CATCH BASINS, DRAIN MANHOLES, DRAINAGE PIPES, ROOF DRAIN MANIFOLDS, WATER QUALITY SWALES, SEPARATORS, AND SIMILAR STORMWATER RUNOFF CONVEYANCE, TREATMENT, AND STORAGE FACILITIES.

B. INSTALL STORMWATER MANAGEMENT SYSTEM COMPONENTS STARTING AT THE DOWNSTREAM END AND PROCEED UPSTREAM, WHERE POSSIBLE, COMPLETE INSTALLATION OF PERMANENT DETENTION / RETENTION BASINS PRIOR TO BEGINNING WORK ON UPSTREAM SYSTEM COMPONENTS.

C. INSTALL CONTROL MEASURES AT FINISHED UPSTREAM AND DOWNSTREAM PIPE ENDS AS SOON AS POSSIBLE AFTER COMPLETION OF PIPE RUN. SUCH MEASURES INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO, RIPRAP, CHECK DAMS, HAY BALE / SILT FENCE BARRIERS, AND VELOCITY DISSIPATORS.

D. AT THE END OF EACH DAY OR WHEN RAINFALL IS EXPECTED, PLUG UPSTREAM END OF PIPES / DAM OPEN CHANNELS OR OTHERWISE REDIRECT POTENTIAL RUNOFF AND PREVENT FLOW FROM ENTERING PARTIALLY COMPLETED SYSTEM / SYSTEM COMPONENTS.

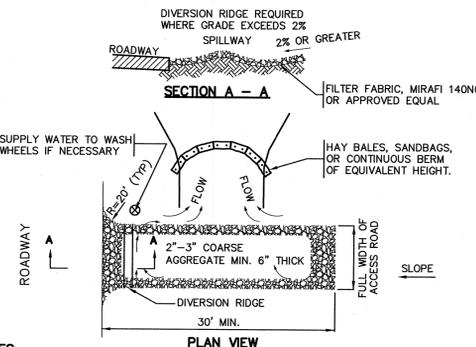
E. WHERE PORTIONS OF A NEW SYSTEM ARE TO BE ACTIVATED PRIOR TO COMPLETION OF THE ENTIRE SYSTEM, EMPLOY CONTROL MEASURES TO PREVENT SILT AND DEBRIS FROM ENTERING THE SYSTEM. EMPLOY SILT SACKS OR FABRIC ON CATCH BASIN INLETS, AND PIPE AND CULVERT OPENINGS. EMPLOY CHECK DAMS AND TEMPORARY SEDIMENT BASINS UPSTREAM OF AND ALONG OPEN CHANNELS, SWALES, AND DITCHES TO TRAP SEDIMENT UPGRADIENT OF ENVIRONMENTALLY SENSITIVE AREAS.

F. REMOVE TRAPPED SEDIMENT AND DEBRIS FROM ALL SYSTEM COMPONENTS AFTER COMPLETION OF INSTALLATION, AND AGAIN AFTER THE ENTIRE SITE IS PERMANENTLY STABILIZED BY ESTABLISHED VEGETATION, FINISH LANDSCAPE MATERIALS, PAVED SURFACES, AND/OR ROOF AREA. REMOVE TRAPPED SEDIMENT AND DEBRIS FROM DETENTION / RETENTION BASIN BOTTOMS SO THAT FINISH BOTTOM MATERIALS / INFILTRATION FUNCTION CONFORM TO DESIGN.

**3.07 LANDSCAPING**

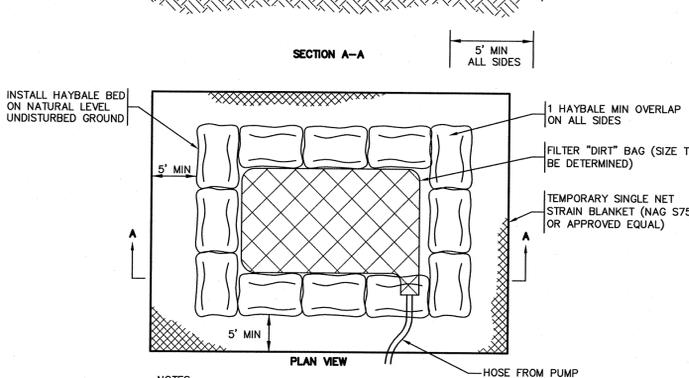
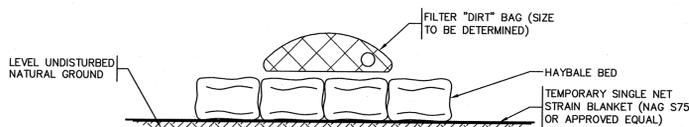
A. COMPLETE LANDSCAPING AS SOON AS POSSIBLE AFTER COMPLETION OF FINAL SUBGRADE.

B. IMMEDIATELY AFTER PLACEMENT OF TOPSOIL, STABILIZE WITH CONTROL MEASURES INCLUDING, BUT NOT NECESSARILY LIMITED TO, SEED MIX, MULCH, AND / OR BLANKET.



- NOTES:**
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
  - WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
  - WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
  - USE SANDBAGS, HAY BALES OR OTHER APPROVED METHODS TO CHANNELIZE RUNOFF TO BASIN AS REQUIRED.

**CONSTRUCTION ENTRANCE**  
NOT TO SCALE



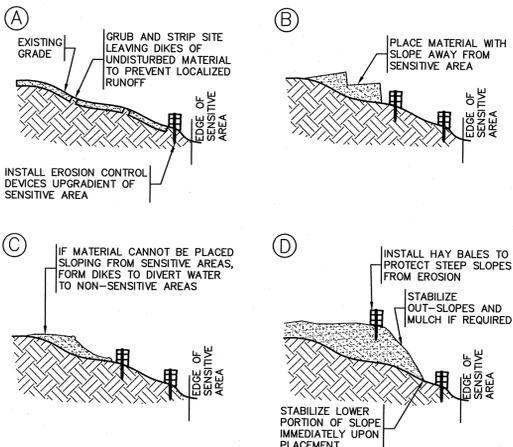
- NOTES:**
- LIMIT 1 DISCHARGE HOSE PER BAG

**TEMPORARY DEWATERING STRUCTURE**  
NOT TO SCALE



A. WHERE APPLICABLE, FOLLOW EXCAVATION AND FILL PRACTICES SHOWN ON DRAWINGS TO LOCALIZE AND MINIMIZE EROSION.

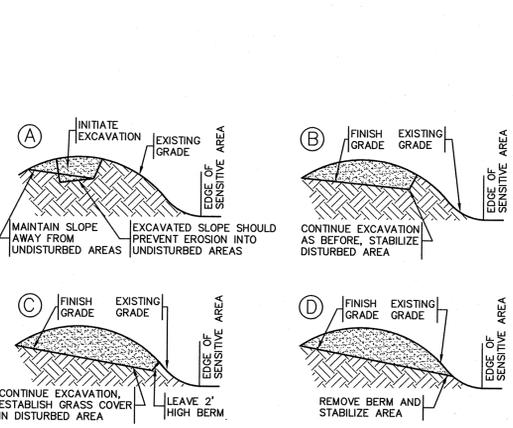
B. MONITOR SEDIMENT VOLUME IN TEMPORARY SEDIMENT BASINS AND AT DIVERSION BERMS AND CHECK DAMS. IN ALL AREAS EXCEPT THOSE THAT DO NOT PRESENT POTENTIAL PROBLEMS WITH REGARD TO FUTURE SOIL STABILITY, DRAINAGE, OR BEARING CAPACITY, REMOVE AND PROPERLY DISPOSE OF TRAPPED SEDIMENT BEFORE BRINGING SITE TO FINAL SUBGRADE.



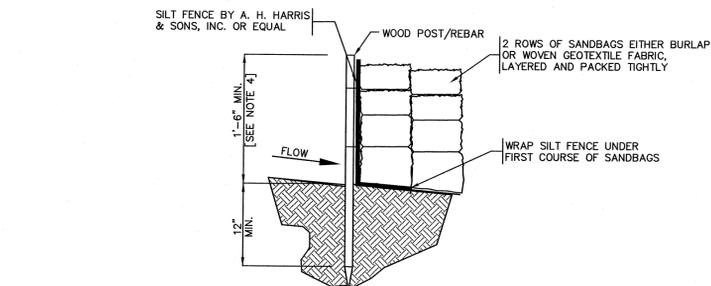
**FILL PROCEDURE**  
SLOPE PROFILES  
NOT TO SCALE



A. COMPLETE LANDSCAPING AS SOON AS POSSIBLE AFTER COMPLETION OF FINAL SUBGRADE.

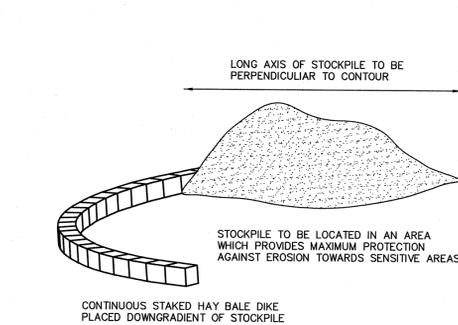
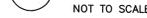


**EXCAVATION PROCEDURE**  
TYPICAL CROSS SECTION  
NOT TO SCALE



- NOTES:**
- SANDBAGS SHALL BUTT TOGETHER TO FORM A CONTINUOUS BARRIER WITH STAGGERED JOINTS
  - INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
  - TRAPPED SEDIMENT SHALL BE REMOVED TO A NON-SENSITIVE UPLAND AREA.
  - TOP OF SANDBAG BARRIER TO BE 1'-6" MINIMUM ABOVE WATER ELEVATION. ADJUST TOP OF BARRIER ELEVATION TO COMPENSATE FOR UPCOMING RAIN EVENTS.

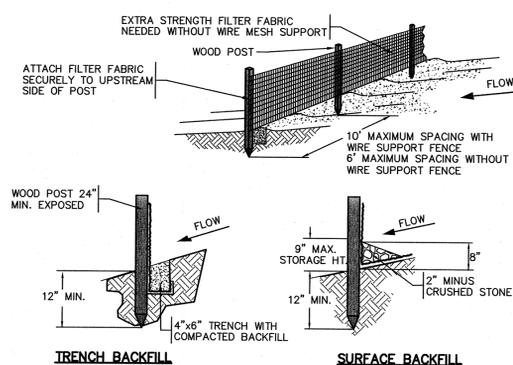
**SANDBAG BARRIER**  
TYPICAL CROSS SECTION  
NOT TO SCALE



**TEMPORARY STOCKPILE**  
ISOMETRIC VIEW  
NOT TO SCALE

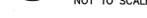


A. COMPLETE LANDSCAPING AS SOON AS POSSIBLE AFTER COMPLETION OF FINAL SUBGRADE.



- NOTES:**
- SILT FENCE SHALL BE PLACED ALONG CONTOUR TO MAXIMIZE PONDING EFFICIENCY.
  - INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
  - REMOVED SEDIMENT SHALL BE DEPOSITED TO A NON-SENSITIVE UPLAND AREA.

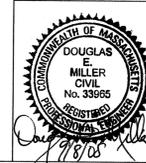
**SILT FENCE BARRIER**  
TYPICAL CROSS SECTION  
NOT TO SCALE



**DRAWING ISSUED FOR:**

- CONCEPT  CONSTRUCTION  
 PERMIT  CONSTRUCTION RECORD

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NO.	DATE	BY	APP.	REVISION DESCRIPTION

**GPR** Engineering Solutions for Land & Structures

**GOLDSMITH, PREST & RINGWALL, INC.**  
 39 MAIN STREET, SUITE 301, AYER, MA 01432  
 CIVIL & STRUCTURAL ENGINEERING • LAND SURVEYING & LAND PLANNING  
 VOICE: 978.772.1590 FAX: 978.772.1591  
 www.gpr-inc.com

**RESIDENTIAL DEVELOPMENT NOTICE OF INTENT EROSION & SEDIMENT CONTROL PLAN**

81 RIVER STREET  
 ACTON, MA

OWNER/APPLICANT:  
 LOTHROP MILL LLC  
 544 MASSACHUSETTS AVENUE  
 ACTON, MA 01720

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