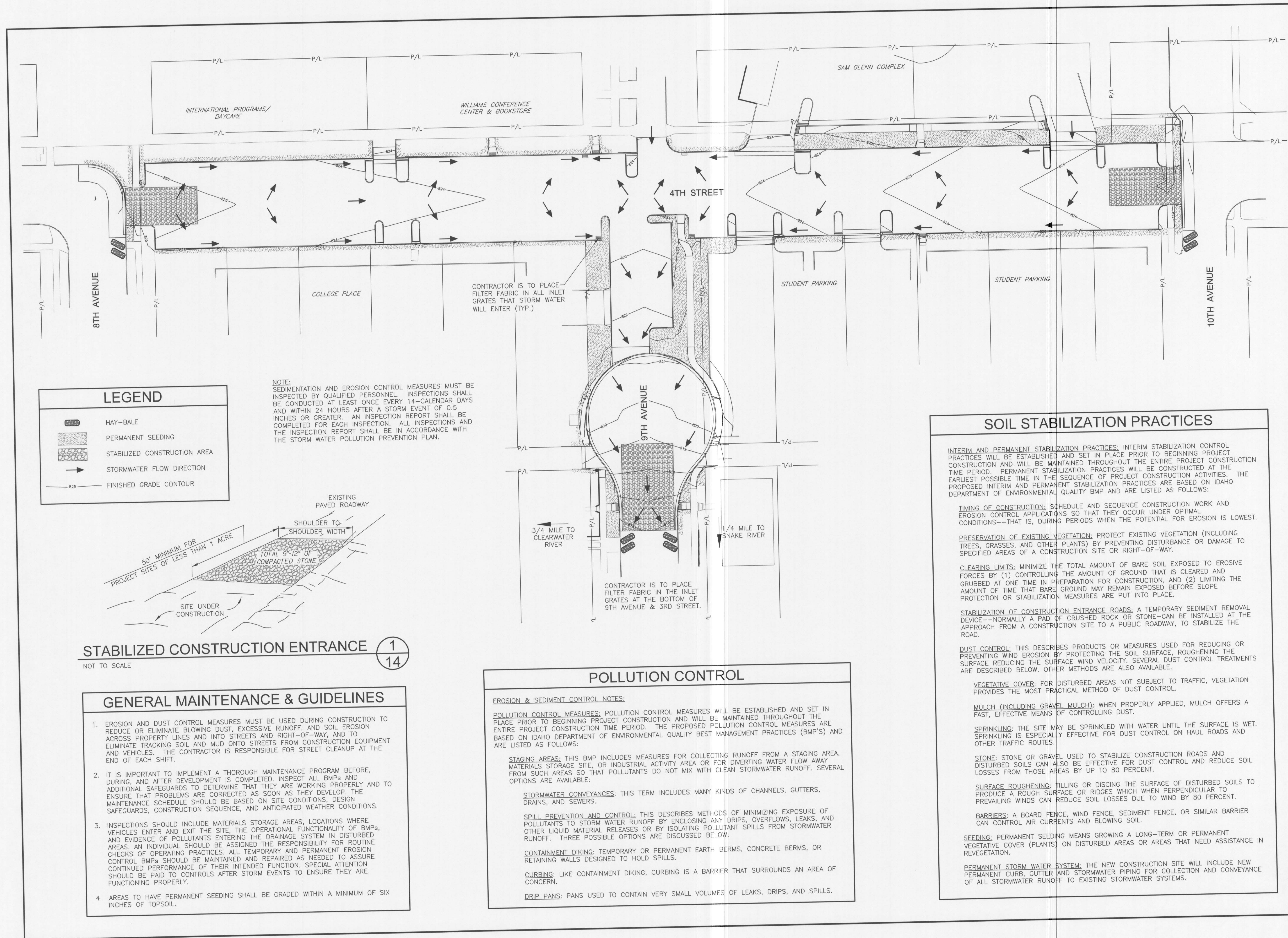


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STABILIZED CONSTRUCTION ENTRANCE 1
NOT TO SCALE 14

GENERAL MAINTENANCE & GUIDELINES

1. EROSION AND DUST CONTROL MEASURES MUST BE USED DURING CONSTRUCTION TO REDUCE OR ELIMINATE BLOWING DUST, EXCESSIVE RUNOFF, AND SOIL EROSION ACROSS PROPERTY LINES AND INTO STREETS AND RIGHT-OF-WAY, AND TO ELIMINATE TRACKING SOIL AND MUD ONTO STREETS FROM CONSTRUCTION EQUIPMENT AND VEHICLES. THE CONTRACTOR IS RESPONSIBLE FOR STREET CLEANUP AT THE END OF EACH SHIFT.
2. IT IS IMPORTANT TO IMPLEMENT A THOROUGH MAINTENANCE PROGRAM BEFORE, DURING, AND AFTER DEVELOPMENT IS COMPLETED. INSPECT ALL BMPs AND ADDITIONAL SAFEGUARDS TO DETERMINE THAT THEY ARE WORKING PROPERLY AND TO ENSURE THAT PROBLEMS ARE CORRECTED AS SOON AS THEY DEVELOP. THE MAINTENANCE SCHEDULE SHOULD BE BASED ON SITE CONDITIONS, DESIGN SAFEGUARDS, CONSTRUCTION SEQUENCE, AND ANTICIPATED WEATHER CONDITIONS.
3. INSPECTIONS SHOULD INCLUDE MATERIALS STORAGE AREAS, LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE, THE OPERATIONAL FUNCTIONALITY OF BMPs, AND EVIDENCE OF POLLUTANTS ENTERING THE DRAINAGE SYSTEM IN DISTURBED AREAS. AN INDIVIDUAL SHOULD BE ASSIGNED THE RESPONSIBILITY FOR ROUTINE CHECKS OF OPERATING PRACTICES. ALL TEMPORARY AND PERMANENT EROSION CONTROL BMPs SHOULD BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. SPECIAL ATTENTION SHOULD BE PAID TO CONTROLS AFTER STORM EVENTS TO ENSURE THEY ARE FUNCTIONING PROPERLY.
4. AREAS TO HAVE PERMANENT SEEDING SHALL BE GRADED WITHIN A MINIMUM OF SIX INCHES OF TOPSOIL.

POLLUTION CONTROL

EROSION & SEDIMENT CONTROL NOTES:

POLLUTION CONTROL MEASURES: POLLUTION CONTROL MEASURES WILL BE ESTABLISHED AND SET IN PLACE PRIOR TO BEGINNING PROJECT CONSTRUCTION AND WILL BE MAINTAINED THROUGHOUT THE ENTIRE PROJECT CONSTRUCTION TIME PERIOD. THE PROPOSED POLLUTION CONTROL MEASURES ARE BASED ON IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY BEST MANAGEMENT PRACTICES (BMP'S) AND ARE LISTED AS FOLLOWS:

STAGING AREAS: THIS BMP INCLUDES MEASURES FOR COLLECTING RUNOFF FROM A STAGING AREA, MATERIALS STORAGE SITE, OR INDUSTRIAL ACTIVITY AREA OR FOR DIVERTING WATER FLOW AWAY FROM SUCH AREAS SO THAT POLLUTANTS DO NOT MIX WITH CLEAN STORMWATER RUNOFF. SEVERAL OPTIONS ARE AVAILABLE:

STORMWATER CONVEYANCES: THIS TERM INCLUDES MANY KINDS OF CHANNELS, GUTTERS, DRAINS, AND SEWERS.

SPILL PREVENTION AND CONTROL: THIS DESCRIBES METHODS OF MINIMIZING EXPOSURE OF POLLUTANTS TO STORM WATER RUNOFF BY ENCLOSING ANY DRIPS, OVERFLOWS, LEAKS, AND OTHER LIQUID MATERIAL RELEASES OR BY ISOLATING POLLUTANT SPILLS FROM STORMWATER RUNOFF. THREE POSSIBLE OPTIONS ARE DISCUSSED BELOW:

CONTAINMENT DIKING: TEMPORARY OR PERMANENT EARTH BERMS, CONCRETE BERMS, OR RETAINING WALLS DESIGNED TO HOLD SPILLS.

CURBING: LIKE CONTAINMENT DIKING, CURBING IS A BARRIER THAT SURROUNDS AN AREA OF CONCERN.

DRIP PANS: PANS USED TO CONTAIN VERY SMALL VOLUMES OF LEAKS, DRIPS, AND SPILLS.

SOIL STABILIZATION PRACTICES

INTERIM AND PERMANENT STABILIZATION PRACTICES: INTERIM STABILIZATION CONTROL PRACTICES WILL BE ESTABLISHED AND SET IN PLACE PRIOR TO BEGINNING PROJECT CONSTRUCTION AND WILL BE MAINTAINED THROUGHOUT THE ENTIRE PROJECT CONSTRUCTION TIME PERIOD. PERMANENT STABILIZATION PRACTICES WILL BE CONSTRUCTED AT THE EARLIEST POSSIBLE TIME IN THE SEQUENCE OF PROJECT CONSTRUCTION ACTIVITIES. THE PROPOSED INTERIM AND PERMANENT STABILIZATION PRACTICES ARE BASED ON IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY BMP AND ARE LISTED AS FOLLOWS:

TIMING OF CONSTRUCTION: SCHEDULE AND SEQUENCE CONSTRUCTION WORK AND EROSION CONTROL APPLICATIONS SO THAT THEY OCCUR UNDER OPTIMAL CONDITIONS--THAT IS, DURING PERIODS WHEN THE POTENTIAL FOR EROSION IS LOWEST.

PRESERVATION OF EXISTING VEGETATION: PROTECT EXISTING VEGETATION (INCLUDING TREES, GRASSES, AND OTHER PLANTS) BY PREVENTING DISTURBANCE OR DAMAGE TO SPECIFIED AREAS OF A CONSTRUCTION SITE OR RIGHT-OF-WAY.

CLEARING LIMITS: MINIMIZE THE TOTAL AMOUNT OF BARE SOIL EXPOSED TO EROSION FORCES BY (1) CONTROLLING THE AMOUNT OF GROUND THAT IS CLEARED AND GRUBBED AT ONE TIME IN PREPARATION FOR CONSTRUCTION, AND (2) LIMITING THE AMOUNT OF TIME THAT BARE GROUND MAY REMAIN EXPOSED BEFORE SLOPE PROTECTION OR STABILIZATION MEASURES ARE PUT INTO PLACE.

STABILIZATION OF CONSTRUCTION ENTRANCE ROADS: A TEMPORARY SEDIMENT REMOVAL DEVICE--NORMALLY A PAD OF CRUSHED ROCK OR STONE--CAN BE INSTALLED AT THE APPROACH FROM A CONSTRUCTION SITE TO A PUBLIC ROADWAY, TO STABILIZE THE ROAD.

DUST CONTROL: THIS DESCRIBES PRODUCTS OR MEASURES USED FOR REDUCING OR PREVENTING WIND EROSION BY PROTECTING THE SOIL SURFACE, ROUGHENING THE SURFACE REDUCING THE SURFACE WIND VELOCITY. SEVERAL DUST CONTROL TREATMENTS ARE DESCRIBED BELOW. OTHER METHODS ARE ALSO AVAILABLE.

VEGETATIVE COVER: FOR DISTURBED AREAS NOT SUBJECT TO TRAFFIC, VEGETATION PROVIDES THE MOST PRACTICAL METHOD OF DUST CONTROL.

MULCH (INCLUDING GRAVEL MULCH): WHEN PROPERLY APPLIED, MULCH OFFERS A FAST, EFFECTIVE MEANS OF CONTROLLING DUST.

SPRINKLING: THE SITE MAY BE SPRINKLED WITH WATER UNTIL THE SURFACE IS WET. SPRINKLING IS ESPECIALLY EFFECTIVE FOR DUST CONTROL ON HAUL ROADS AND OTHER TRAFFIC ROUTES.

STONE: STONE OR GRAVEL USED TO STABILIZE CONSTRUCTION ROADS AND DISTURBED SOILS CAN ALSO BE EFFECTIVE FOR DUST CONTROL AND REDUCE SOIL LOSSES FROM THOSE AREAS BY UP TO 80 PERCENT.

SURFACE ROUGHENING: TILLING OR DISCING THE SURFACE OF DISTURBED SOILS TO PRODUCE A ROUGH SURFACE OR RIDGES WHICH WHEN PERPENDICULAR TO PREVAILING WINDS CAN REDUCE SOIL LOSSES DUE TO WIND BY 80 PERCENT.

BARRIERS: A BOARD FENCE, WIND FENCE, SEDIMENT FENCE, OR SIMILAR BARRIER CAN CONTROL AIR CURRENTS AND BLOWING SOIL.

SEEDING: PERMANENT SEEDING MEANS GROWING A LONG-TERM OR PERMANENT VEGETATIVE COVER (PLANTS) ON DISTURBED AREAS OR AREAS THAT NEED ASSISTANCE IN REVEGETATION.

PERMANENT STORM WATER SYSTEM: THE NEW CONSTRUCTION SITE WILL INCLUDE NEW PERMANENT CURB, GUTTER AND STORMWATER PIPING FOR COLLECTION AND CONVEYANCE OF ALL STORMWATER RUNOFF TO EXISTING STORMWATER SYSTEMS.

DPW PROJECT NO. 07150 - LCSC 4TH STREET PARKING
LEWISTON, ID

EROSION & SEDIMENT CONTROL PLAN

CAD NO. L06020-14.DWG
SHEET 14 OF 17

DRAWN BY: TJP
DESIGNED BY: JLN
QUALITY CHECK:
DATE: 2.22.08
JOB NO. L06-020
FIELDBOOK

REVISIONS
BY HRF DATE 8.03.07 DESCR PER CITY & DPW REVIEW

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