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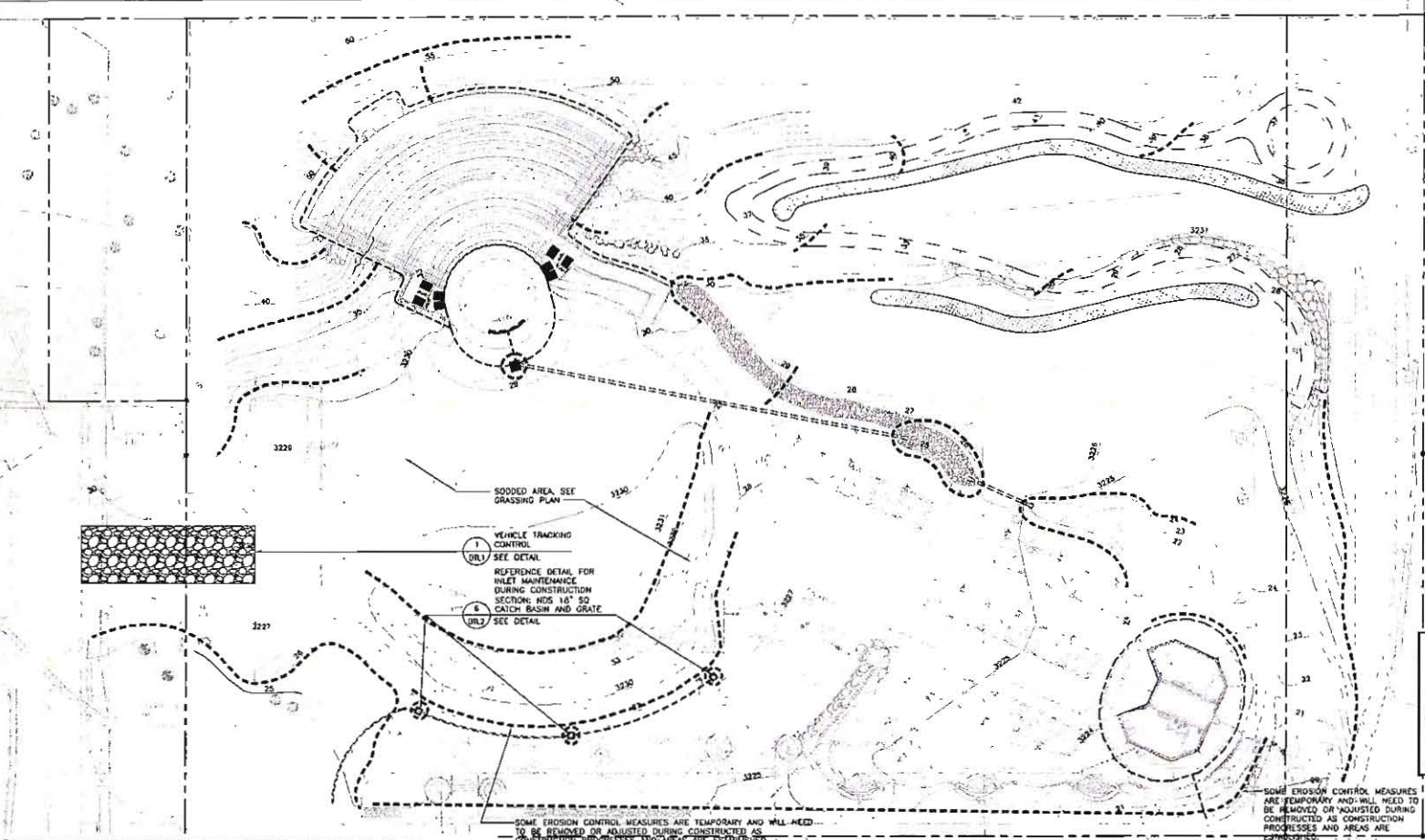
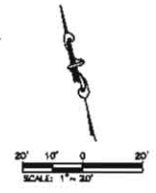


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City of Rapid City  
Development Services

POWOW GARDENS &  
ART MARKET

PROJECT NO. RCOR-16620760  
Erosion Control Plan  
Sheet  
21



LEGEND

- FILTREX EROSION SOCK, SEE SPECIFICATIONS (APPROX. 1.926 LF)
- FILTER STRIP (NO OBTURANCE TO THESE AREAS)

NOTE: TOPSOIL STOCKPILE LOCATIONS NOT SHOWN ON THIS PLAN. CONTRACTOR WILL NEED TO COORDINATE THE LOCATIONS OF STOCKPILES AS TO NOT INTERFERE WITH FILTER STRIPS. TOPSOIL STOCKPILES MAY BE STRATEGICALLY PLACED TO GREAT SEDIMENTATION RUNOFF BARRIERS.

CITY OF RAPID CITY  
GROWTH MANAGEMENT DEPT.  
DEVELOPMENT SERVICES

There are references for general specifications with appropriate governmental regulations. Manufacturer's sample videos and engineering information. The City of Rapid City does not verify the reliability, accuracy or completeness of the plans or reports, which are the responsibility of the engineer of record. All necessary permits shall be obtained prior to construction of the proposed project per department.

Drawn: \_\_\_\_\_ Date: \_\_\_\_\_

Comments:

GENERAL NOTES REGARDING THE EROSION CONTROL PLAN

- BEFORE COMMENCING CONSTRUCTION, INSTALL A TEMPORARY ROCK CONSTRUCTION ENTRANCE AT EACH POINT WHERE VEHICLES EXIT THE CONSTRUCTION SITE. ROCK ENTRANCE SHALL CONSIST OF A 50 FOOT LONGX16 FOOT WIDE(MIN)X6" DEEP 3/4" GRAVEL AGGREGATE MAT (SEE DETAIL 2 SHEET L5.0) LAY GEO-TEXTILE FABRIC BENEATH THE AGGREGATE ALSO PRIOR TO CONSTRUCTION ACTIVITY. CONTRACTOR SHALL LOCATE & PROTECT EXISTING TREES TO REMAIN. PROTECT TREES TO REMAIN AS IDENTIFIED ON THE DEMOLITION PLAN.
- MAINTAIN ALL TEMPORARY EROSION & SEDIMENT CONTROL DEVICES IN PLACE UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED. INSPECT TEMPORARY EROSION & SEDIMENT CONTROL DEVICES ON A DAILY BASIS & REPLACE DETERIORATED, DAMAGED, OR ROTTED EROSION CONTROL DEVICES IMMEDIATELY. CONTRACTOR IS RESPONSIBLE FOR UPKEEP OF EROSION CONTROL MEASURES THROUGHOUT CONSTRUCTION ACTIVITY & THE REMOVAL OF EROSION CONTROL DEVICES WHEN THE AREA HAS BEEN RE-VEGETATED AND THE EROSION CONTROL DEVICES ARE NO LONGER NEEDED.
- STRATEGICALLY PLACE TOPSOIL STOCKPILES AS A BARRIER OF SEDIMENTATION RUNOFF. COORDINATE WITH LANDSCAPE ARCHITECT THE LOCATION OF THESE STOCKPILES.
- CONTRACTOR SHALL LIMIT THE CONSTRUCTION ACTIVITY TO THE AREAS DEFINED WITHIN THE GRADED AREAS AS SHOWN ON THE GRADING PLAN. CONTRACTOR SHALL USE EXISTING VEGETATED AREAS & NATIVE VEGETATION AS A BARRIER FOR SEDIMENTATION RUNOFF. COORDINATE WITH LANDSCAPE ARCHITECT THE LOCATION OF THESE AREAS.
- IF ADDITIONAL EROSION CONTROL IS REQUIRED CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF TEMPORARY SYNTHETIC, STRUCTURAL, NON-Biodegradable EROSION & SEDIMENT CONTROL DEVICES AFTER THE SITE HAS UNDERGONE FINAL STABILIZATION & PERMANENT VEGETATION HAS BEEN ESTABLISHED. MAINTAIN ALL TEMPORARY EROSION CONTROL DEVICES UNTIL ESTABLISHED COVER IS ACHIEVED.
- READY MIXED CONCRETE & CONCRETE BATCH PLANTS PROHIBITED WITHIN THE PUBLIC RIGHT OF WAY UNDER NO CIRCUMSTANCES MAY WASHOUT WATER DRAIN ONTO THE PUBLIC RIGHT OF WAY OR INTO THE PUBLIC STORM SEWER. COORDINATE THIS ACTIVITY WITH OWNER & LANDSCAPE ARCHITECT.
- ALL ON-SITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. THE TRASH WILL BE HAULED OFF TO AN APPROVED DISPOSAL SITE OR LICENSED LANDFILL. ALL ON-SITE PERSONNEL WILL BE INSTRUCTED WITH THE PROPER PROCEDURES FOR WASTE DISPOSAL AND NOISES STATING THE PROPER PROCEDURES WILL BE POSTED IN THE FIELD OFFICE. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THESE PRACTICES ON SITE WITH ALL WORKERS ON THE JOB SITE.
- ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN A MANNER SPECIFIED BY THE LOCAL AND STATE REGULATIONS AND IN SOME CASES BY THE MANUFACTURER. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.
- PORTABLE SANITARY WASTE FACILITIES WILL BE PROVIDED ON THE CONSTRUCTION SITE. SANITARY WASTE WILL BE COLLECTED FROM THE UNITS IN A TIMELY MANNER BY A LICENSED WASTE MANAGEMENT CONTRACTOR OR AS REQUIRED BY ANY LOCAL OR STATE REGULATIONS.
- SITE OBSERVATIONS SHALL BE CONDUCTED BY THE OWNER'S REPRESENTATIVE ONCE A WEEK AND AFTER ANY STORM EVENT THAT PRODUCED 0.2" OR GREATER.
- ALL SEEDED AREAS WILL BE CHECKED FOR BARE SPOTS, WASHOUTS AND VIGOROUS GROWTH FREE OF SIGNIFICANT WEED INFESTATIONS. CONTRACTOR SHALL REPLACE OR REPAIR THESE AREAS FOR MAXIMUM SEED STABILITY AND PRODUCTION AT NO ADDITIONAL COST TO THE OWNER.
- MAINTENANCE AND REPAIR OF ALL EQUIPMENT AND VEHICLES INVOLVING OIL CHANGES, HYDRAULIC SYSTEM DRAIN DOWN, DE-GREASING OPERATIONS, FUEL TANK DRAIN DOWN AND REMOVAL, AND OTHER ACTIVITIES WHICH MAY RESULT IN THE ACCIDENTAL RELEASE OF CONTAMINANTS WILL BE CONDUCTED ON AN IMPERVIOUS SURFACE AND UNDER COVER DURING WEATHER TO PREVENT THE RELEASE OF CONTAMINANTS ONTO THE GROUND.
- POTENTIAL PH-MODIFYING MATERIALS SUCH AS BULK CEMENT, CEMENT WALK-OUT, FLY ASH, NEW CONCRETE WASHINGS, CONCRETE PUMPING, AND MIXER WASHOUT WATERS WILL BE COLLECTED ON SITE AND MANAGED TO PREVENT CONTAMINATION OF STORM WATER RUNOFF.
- ALL ON-SITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. THE TRASH WILL BE HAULED OFF TO AN APPROVED DISPOSAL SITE OR LICENSED LANDFILL. ALL ON-SITE PERSONNEL WILL BE INSTRUCTED WITH THE PROPER PROCEDURES FOR WASTE DISPOSAL AND NOISES STATING THE PROPER PROCEDURES WILL BE POSTED IN THE FIELD OFFICE. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THESE PRACTICES ON SITE WITH ALL WORKERS ON THE JOB SITE.
- TO AVOID SPILLS, CONTRACTORS WILL PROVIDE DESIGNATED TRUCK WASHOUT AREAS ON THE SITE. THESE AREAS MUST BE SELF-CONTAINED & NOT CONNECTED TO ANY STORM WATER OUTLET OF THE SITE UPON COMPLETION OF CONSTRUCTION WASHOUT AREAS WILL BE PROPERLY STABILIZED.
- IN ADDITION TO THE PREVIOUS HOUSEKEEPING & MANAGEMENT PRACTICES, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION & CLEANUP IF NEEDED.
  - FOR ALL HAZARDOUS MATERIALS STORED ON SITE, THE MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEAN UP MUST BE CLEARLY POSTED.
  - SPILL PREVENTION WILL BE MADE AWARE OF THE LOCATIONS OF THE INFORMATION & CLEANUP SUPPLIES. APPROPRIATE CLEANUP MATERIALS & EQUIPMENT WILL BE MAINTAINED BY THE CONTRACTOR IN THE MATERIALS STORAGE AREA ON-SITE AS APPROPRIATE. EQUIPMENT & MATERIALS MAY INCLUDE ITEMS SUCH AS BODMS, DUST PANS, WOPS, BAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST & PLASTIC & METAL TRASH CONTAINERS SPECIFICALLY FOR CLEAN UP PURPOSES.
  - SPILLS WILL BE CLEANED IMMEDIATELY AFTER OCCURRENCE & THE MATERIALS DISPOSED OF PROPERLY.
  - THE SPILL AREA WILL BE KEPT VENTILATED & PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE. AFTER A SPILL REPORT WILL BE PREPARED DESCRIBING THE SPILL, WHAT CAUSED IT, & THE CLEANUP MEASURES TAKEN THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING, AS WELL AS CLEAN UP INSTRUMENTS IN THE EVENT OF REOCCURENCE.
  - THE CONTRACTOR'S SITE SUPERINTENDENT, RESPONSIBLE FOR DAY-TO-DAY OPERATIONS, WILL BE THE SPILL PREVENTION & CLEANUP COORDINATOR. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE SITE SUPERINTENDENT HAS HAD APPROPRIATE TRAINING FOR HAZARDOUS MATERIALS HANDLING, SPILL MANAGEMENT AND CLEANUP.
  - THE PRIMARY OBJECTIVE IN RESPONDING TO A SPILL IS TO QUICKLY CONTAIN THE MATERIAL(S) AND PREVENT OR MINIMIZE MIGRATION INTO STORM WATER RUNOFF AND CONVEYANCE SYSTEMS IF THE RELEASE HAS IMPACTED ON-SITE STORM WATER, IT IS CRITICAL TO CONTAIN THE RELEASED MATERIALS ON-SITE AND PREVENT THEIR RELEASE INTO RECEIVING WATERS IF A SPILL OF POLLUTANTS THREATENS STORM WATER OR SURFACE WATER AT THE SITE, THE SPILL RESPONSE PROCEDURES OUTLINED BELOW MUST BE IMPLEMENTED IN A TIMELY MANNER TO PREVENT THE RELEASE OF POLLUTANTS TO RECEIVING WATERS. THE CONTRACTOR'S SITE SUPERINTENDENT WILL BE NOTIFIED IMMEDIATELY WHEN A SPILL OR THE THREAT OF A SPILL IS OBSERVED. THE SUPERINTENDENT WILL ASSESS THE SITUATION AND DETERMINE THE APPROPRIATE RESPONSES.
  - IF SPILLS REPRESENT AN IMMEDIATE THREAT OF ESCAPING EROSION AND SEDIMENT CONTROLS & ENTERING RECEIVING WATERS, PERSONNEL WILL BE DIRECTED TO RESPOND IMMEDIATELY TO CONTAIN THE RELEASE & NOTIFY THE SUPERINTENDENT AFTER THE SITUATION HAS BEEN STABILIZED.
  - WHEN CHANGES ARE MADE TO THE CONSTRUCTION PROJECT THAT WILL REQUIRE ALTERATIONS IN THE TEMPORARY EROSION CONTROLS OF THE SITE, THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) WILL BE AMENDED TO PROVIDE APPROPRIATE PROTECTION TO DISTURBED AREAS, ALL STORM WATER STRUCTURES, & ADJACENT WATERS. COPIES OF FORMS & THE SWPPP WILL BE RETAINED IN A DESIGNATED PLACE FOR REVIEW OVER THE COURSE OF THE PROJECT.