

<p>COUNTY REQUIREMENTS</p>
<p>CONTROLS</p> <p>THIS PLAN UTILIZES BEST MANAGEMENT PRACTICES TO CONTROL EROSION AND TURBIDITY CAUSED BY STORM WATER RUN OFF. AN EROSION AND TURBIDITY PLAN HAS BEEN PREPARED TO INSTRUCT THE CONTRACTOR ON PLACEMENT OF THESE CONTROLS. IT IS THE CONTRACTORS RESPONSIBILITY TO INSTALL AND MAINTAIN THE CONTROLS PER PLAN AS WELL AS ENSURING THE PLAN IS PROVIDING THE PROPER PROTECTION AS REQUIRED BY FEDERAL, STATE AND LOCAL LAWS. REFER TO CONTRACTORS RESPONSIBILITY FOR A VERBAL DESCRIPTION OF CONTROLS THAT MAY BE IMPLEMENTED.</p> <p>STORM WATER MANAGEMENT</p> <p>STORM WATER DRAINAGE WILL BE PROVIDED BY S.F.W.I.D.</p> <p>STORM WATER RUNOFF WILL BE COLLECTED BY SWALE SYSTEM AND DISCHARGED INTO MASTER STORM WATER SYSTEM VIA OVERLAND FLOW.</p>
<p>TIMING OF CONTROLS/MEASURES</p> <p>REFER TO CONTRACTORS RESPONSIBILITY FOR THE TIMING OF CONTROLS/MEASURES</p>
<p>CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS</p> <p>IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS RELATED TO STORM WATER MANAGEMENT AND EROSION AND TURBIDITY CONTROLS, THE PERMITS ARE SHOWN ON THE COVER PAGE OF THESE CONSTRUCTION PLANS.</p> <p>DEP. PERMIT</p>
<p>POLLUTION PREVENTION PLAN CERTIFICATION</p> <p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM FOR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p> <p>SIGNED:</p> <p>(SEE SIGNATURE BLOCK AT BOTTOM OF PAGE)</p>

CONTRACTOR'S REQUIREMENTS

<p>GENERAL</p> <p>THE CONTRACTOR SHALL AT A MINIMUM IMPLEMENT THE CONTRACTOR'S REQUIREMENTS OUTLINED BELOW AND THOSE MEASURES SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN. IN ADDITION THE CONTRACTOR SHALL UNDERTAKE ADDITIONAL MEASURES REQUIRED TO BE IN COMPLIANCE WITH APPLICABLE PERMIT CONDITIONS AND STATE WATER QUALITY STANDARDS. DEFENDING ON THE NATURE OF MATERIALS AND METHODS OF CONSTRUCTION THE CONTRACTOR MAY BE REQUIRED TO ADD FLOCCULANT TO RETENTION SYSTEM PRIOR TO PLACING THE SYSTEM INTO OPERATION.</p>	
<p>SEQUENCE OF MAJOR ACTIVITIES</p> <p>THE ORDER OF ACTIVITIES WILL BE AS FOLLOWS:</p> <ol style="list-style-type: none">1. INSTALL STABILIZED CONSTRUCTION ENTRANCE.2. INSTALL SILT FENCES AND HAY BALES AS REQUIRED.3. CLEAR AND GRUB FOR DIVERSION SWALE/DIKES AND SEDIMENT BASIN.4. CONSTRUCT SEDIMENTATION BASIN.5. CONTINUE CLEARING AND GRUBBING.6. STOCK PILE TOP SOIL IF REQUIRED.7. PERFORM PRELIMINARY GRADING ON SITE AS REQUIRED.8. STABILIZE DENUDED AREAS AND STOCKPILES AS SOON AS PRACTICABLE.9. INSTALL UTILITIES, STORM SEWER, CURBS & GUTTERS11. APPLY BASE TO PROJECT.12. COMPLETE GRADING AND INSTALL PERMANENT SEEDING/SOD AND PLANTING.13. REMOVE ACCUMULATED SEDIMENT FROM BASINS.14. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE AND THE SITE IS STABILIZED, REMOVE ANY TEMPORARY DIVERSION SWALE/DIKES AND RESEED/SOD AS REQUIRED.	

TIMING OF CONTROLS/MEASURES

AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, THE SILT FENCES AND HAY BALES/STABILIZED CONSTRUCTION ENTRANCE AND SEDIMENT BASIN WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA THAT AREA WILL BE STABILIZED PERMANENTLY IN ACCORDANCE WITH THE PLANS. AFTER THE ENTIRE SITE IS STABILIZED THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE SEDIMENT TRAPS AND THE EARTH DIKE/SWALS WILL BE REGRADED/REMOVED IN ACCORDANCE WITH THE EROSION & TURBIDITY CONTROL PLAN.

CONTROLS

IT IS THE CONTRACTORS RESPONSIBILITY TO IMPLEMENT THE EROSION AND TURBIDITY CONTROLS AS SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN. IT IS ALSO THE CONTRACTORS RESPONSIBILITY TO ENSURE THESE CONTROLS ARE PROPERLY INSTALLED, MAINTAINED AND FUNCTIONING PROPERLY TO PREVENT TURBID OR POLLUTED WATER FROM LEAVING THE PROJECT SITE. THE CONTRACTOR WILL ADJUST THE EROSION AND TURBIDITY CONTROLS SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN AND ADD ADDITIONAL CONTROL MEASURES AS REQUIRED TO ENSURE THE SITE MEETS ALL FEDERAL, STATE AND LOCAL EROSION AND TURBIDITY CONTROL REQUIREMENTS. THE FOLLOWING BEST MANAGEMENT PRACTICES WILL BE IMPLEMENTED BY THE CONTRACTOR AS REQUIRED BY THE EROSION AND TURBIDITY REQUIREMENTS IMPOSED ON THE PROJECT SITE BY THE REGULATORY AGENCIES.

EROSION AND SEDIMENT CONTROL STABILIZATION PRACTICES

1. MAY BALE BARRIERS/MAY BALE BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS:

- A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT.
- B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES.
- C. WHERE EFFECTIVENESS IS REQUIRED FOR LESS THAN 3 MONTHS.
- D. EVERY EFFORT SHOULD BE MADE TO LIMIT THE USE OF STRAW BALE.

2. BARRIERS CONSTRUCTED IN LOW STREAMS OR IN SWALES WHERE THERE IS THE POSSIBILITY OF A WASHOUT/IF NECESSARY, MEASURES SHALL BE TAKEN TO PROPERLY ANCHOR BALES TO INSURE AGAINST WASHOUT.

3. FILTER FABRIC BARRIER/FILTER FABRIC BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS:

- A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT.
- B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES.

4. BRUSH BARRIER WITH FILTER FABRIC/BRUSH BARRIER MAY BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WHERE ENOUGH RESIDUE MATERIAL IS AVAILABLE ON SITE.

5. LEVEL SPREADER/A LEVEL SPREADER MAY BE USED WHERE SEDIMENT-FREE STORM RUNOFF IS INTERCEPTED AND DIVERTED AWAY FROM THE GRADED AREAS ONTO UNDISTURBED SOIL AND THE AREA BELOW THE LEVEL UP IS STABILIZED THE WATER SHOULD NOT BE ALLOWED TO RECONCENTRATE AFTER RELEASE.

6. STOCKPILING MATERIAL/NO EXCAVATED MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT SITE INTO AN ADJACENT WATER BODY OR STORM WATER COLLECTION FACILITY.

7. EXPOSED AREA LIMITATION/THE SURFACE AREA OF OPEN/RUN ERODIBLE SOIL EXPOSED BY CLEARING AND GRUBBING OPERATIONS OR EXCAVATION AND FILLING OPERATIONS SHALL NOT EXCEED ONE (1) ACRES. REQUIREMENT MAY BE WAIVED FOR LARGE PROJECTS WITH AN EROSION CONTROL PLAN WHICH DEMONSTRATES THAT OPENING OF ADDITIONAL AREA WILL NOT SIGNIFICANTLY AFFECT OFF-SITE DEPOSITS OF SEDIMENTS.

8. INLET PROTECTION /INLETS AND CATCH BASINS WHICH DISCHARGE DRAINAGE OFF-SITE SHALL BE PROTECTED FROM SEDIMENT-LADEN STORM RUNOFF UNTIL THE COMPLETION OF ALL CONSTRUCTION OPERATIONS THAT MAY CONTRIBUTE SEDIMENT TO THE INLET.

9. TEMPORARY SEEDINGS ARE OPENED BY CONSTRUCTION OPERATIONS AND THAT ARE NOT ANTICIPATED TO BE RE-EXCAVATED OR DRESSED AND ROCK FACING TREATMENT TO BE APPLIED TO SO DO NOT HAVE TO BE SEED. IF QUICK GROWING GRASS SPECIES WHICH WILL PROVIDE AN EARLY COVER DURING THE SEASON IN WHICH IT IS PLANTED AND WILL NOT LATER COMPETE WITH THE PERMANENT GRASSING.

10. TEMPORARY SEEDING AND MULCHING/SLOPES STEEPER THAN SIX(6) THAT FALL WITHIN THE CATEGORY ESTABLISHED IN PARAGRAPHS 8 ABOVE SHALL ADDITIONALLY RECEIVE MULCHING OF APPROXIMATELY 2 INCHES LOOSE MEASURE OF MULCH MATING OUT TO THE SOIL OF THE SEEDED AREA ADEQUATE TO PREVENT MOVEMENT OF SEED AND MULCH.

11. TEMPORARY GRASSING/THE SEEDED OR SEEDED AND MULCHED AREAS SHALL BE ROLLED AND WATERED OR HYDROMULCHED OR OTHER SUITABLE METHODS IF REQUIRED TO ASSURE OPTIMUM GROWING CONDITIONS FOR THE ESTABLISHMENT OF A GOOD GRASS COVER TEMPORARY GRASSING IN THE CONTRACT SPECIFICATIONS.

12. TEMPORARY REGRESSING/IF AFTER 14 DAYS FROM SEEDING, THE TEMPORARY GRASSED AREAS HAVE NOT ATTAINED A MINIMUM OF 15 PERCENT GOOD GRASS COVER, THE AREA WILL BE REWORKED AND ADDITIONAL SEED APPLIED SUFFICIENT TO ESTABLISH THE DESIRED VEGETATIVE COVER.

13. MAINTENANCE/ALL FEATURES OF THE PROJECT DESIGNED AND CONSTRUCTED TO PREVENT EROSION SHALL BE EXPECTED BUT NOT WHERE FLOWING AROUND THE CONSTRUCTION SO AS TO FUNCTION AS THEY WERE ORIGINALLY DESIGNED AND CONSTRUCTED.

14. PERMANENT EROSION CONTROL/THE CONTROL FACILITIES OF THE PROJECT SHOULD BE DESIGNED TO MINIMIZE THE IMPACT ON THE OFFSITE FACILITIES.

15. PERMANENT SEEDLING AREAS WHICH HAVE BEEN DISTURBED BY CONSTRUCTION WILL BE RESEEDING TO THE SAME TYPE OF VEGETATION PROVIDED BOTH LONG TERM VEGETATION AND RAPID GROWTH SEASONAL VEGETATION.SLOPES STEEPER THAN SIX(6) SHALL BE SEEDED AND MULCHED OR SOODED.

STRUCTURAL PRACTICES

1. TEMPORARY DIVERSION DIKES/TEMPORARY DIVERSION DIKES MAY BE USED TO DIVERT RUNOFF THROUGH A SEDIMENT-TRAPPING FACILITY.

2. TEMPORARY SEDIMENT TRAP/A SEDIMENT TRAP SHALL BE INSTALLED IN AN DRAINAGE WAY AT A STORM DRAIN INLET OR AT OTHER POINTS OF DISCHARGE FROM A DISTURBED AREA.

THE FOLLOWING SEDIMENT TRAPS MAY BE CONSTRUCTED EITHER INDEPENDENTLY OR IN CONJUNCTION WITH A TEMPORARY DIVERSION DIKE;

- A. BLOCK & GRAVEL SEDIMENT FILTER-THE PROTECTION IS APPLICABLE WHERE HEAVY FLOWS AND/OR WHERE AN OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE ARMING AROUND THE STRUCTURE.
- B. GRAVEL SEDIMENT TRAP-THE PROTECTION IS APPLICABLE WHERE HEAVY STABILIZED FLOWS ARE EXPECTED BUT NOT WHERE FLOWING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCISION OR DAMAGE TO ADJACENT STRUCTURE & UNPROTECTED AREAS.
- C. DROP INLET SEDIMENT TRAP-THE PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (LESS)AND WHERE SHEET OR OVERLAND FLOW OR (CS)ARE TYPICAL.THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS SUCH AS IN STREET OR HIGHWAY MEDANS.

3. OUTLET PROTECTION/GOOD PROTECTION AT THE OUTLETS OF ALL PIPES AND PAVED CHANNEL SECTIONS WHERE THE FLOW COULD CAUSE EROSION AND SEDIMENT PROBLEMS TO THE RECEIVING AREAS. THESE TYPES OF PROTECTION SHALL BE TO BE INSTALLED IMMEDIATE DOWNSTREAM OF THE DISCHARGING STRUCTURE AS SHOWN ON THE OUTLET PROTECTION DETAIL.

4. SEDIMENT BASIN/WILL BE CONSTRUCTED AT THE COMMON DRAINAGE LOCATIONS THAT SERVE AN AREA OF TWO (2) MORE DISTURBED ACRES AT ONE TIME.THE PROPOSED STORM WATER PONDS (OR TEMPORARY PONDS)WILL BE CONSTRUCTED FOR USE AS SEDIMENT BASIN,THESE SEDIMENT BASIN MUST PROVIDE A MINIMUM OF 1600 CUBIC FEET OF STORAGE PER ACRE DRAINAGE UNTIL FINAL STABILIZATION OF THE SITE.THE 1600 CUBIC FEET OF STORAGE AREA PER DRAINAGE DOES NOT APPLY TO FLOWS FROM OFFSITE AREAS AND FLOWS ONSITE AREAS .WHICH EITHER UNDISTURBED OR HARD SURFACES ARE INFLUENTIAL WHERE SUCH FLOWS ARE GENERATED ARROUND BOTH THE DISTURBED AREA AND THE SEDIMENT BASIN,ANY TEMPORARY SEDIMENT BASIN CONSTRUCTED MUST BE FILLED WITH CLEAN FILL AND THE SEDIMENT COLLECTED IN THE PRECIPITATIONS FOR ADDITIONAL FILL,SHELL MUST BE REMOVED UPON FINAL STABILIZATION.

OTHER CONTROLS

WASTE DISPOSAL

WASTE MATERIALS

ALL WASTE MATERIALS EXCEPT LOAD CLUMPING DEBRIS SHALL BE COLLECTED AND STORED IN A SECURELY LINED METAL DUMPSTER,THE DUMPSTER WILL BE KEPT LOCAL AND NEAR THE PROJECT LOCATION,THE DUMPSTER WILL BE EMPTIED AS NEEDED AND THE TRASH WILL BE HAULED TO A STATE APPROVED LANDFILL,ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT HANDLING OF WASTE MATERIALS,POSTERS STATING THESE PRACTICES WILL BE POSTED AT THE CONSTRUCTION SITE BY THE CONSTRUCTION SUPERINTENDENT,THE INDIVIDUAL WHO MANAGES THE DATA SITE OPERATIONS WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

HAZARDOUS WASTE

ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES AND THE SITE SUPERINTENDENT, THE INDIVIDUAL WHO MANAGES DAY-TO-DAY SITE OPERATIONS WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.

SANITARY WASTE

ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS AS NEEDED TO PREVENT POSSIBLE SPILLAGE. THE WASTE WILL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH STATE AND LOCAL WASTE DISPOSAL REGULATIONS FOR SANITARY SEWER SYSTEMS.

OFFSITE VEHICLE TRACKING

A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEEP DAILY TO REMOVE ANY EXCESS MUD/DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE SITE WILL BE COVERED WITH A TARPULIN. (SEE DETAILS THIS SHEET)

INVENT. FOR POLLUTION PREVENTION PLAN

THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED TO BE PRESENT ONSITE DURING CONSTRUCTION:

☐ CONCRETE

☐ ASPHALT

☐ TAR

☐ DETERGENTS

☐ FERTILIZER

☐ WOOD

☐ PETROLEUM BASED PRODUCTS

☐ MASONRY BLOCKS

☐ CLEANING SOLVENTS

☐ PAINTS

☐ ROOFING MATERIALS

☐ METAL STUDS

☐

☐

☐

SPILL PREVENTION

MATERIAL MANAGEMENT PRACTICES

THE FOLLOWING ARE THE MATERIAL PRACTICES THAT WILL BE USED TO AVOID THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

GOOD HOUSEKEEPING

THE FOLLOWING HOUSEKEEPING PRACTICES WILL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT.

AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.

ALL MATERIALS STORED ONSITE WILL BE IN A NEAT, ORDERLY MANNER IN THEIR ORIGINAL CONTAINERS AND, POSSIBLY, UNDER A ROOF OR OTHER ENCLOSURE.

PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.

SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.

WHenever possible, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.

MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.

THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE MATERIALS ONSITE RECEIVE PROPER USE AND DISPOSAL.

HAZARDOUS PRODUCTS

THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS.

PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.

ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED IF THEY CONTAIN IMPORTANT PRODUCT INFORMATION.

IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.

PRODUCT SPECIFIC PRACTICES

THE FOLLOWING PRODUCT SPECIFIC WILL BE FOLLOWED ONSITE:

PETROLEUM PRODUCTS

ALL ONSITE 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. ANY ASPHALT SUBSTANCES USED ONSITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

FERTILIZERS

FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE WILL BE IN A COVERED AREA. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

PAINTS

ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURER'S INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.

CONCRETE TRUCKS

CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRAIN WASH ON THE SITE.

SPILL CONTROL PRACTICES

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP.

MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED ON SITE AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.

MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS WILL BE INCLUDED BUT NOT BE LIMITED TO BROOMS, DUST PANS, WIPES, RAGS, GLOVES, GOGGLES, LIQUID ABSORBENT (e.g. KITTY LITTER OR EQUAL), SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS



NOTES:

THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT INTO PUBLIC RIGHTS-OF-WAY. 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 INTO PUBLIC RIGHT-OF-WAY.

WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

GENERAL NOTES

Tracking Prevention Device (SPD) shall be constructed at locations designated by the engineer & city at preconstruction meeting for control of silt from unstabilized areas of the project & public roads where off-site tracking of mud could occur. Traffic from unstabilized areas of the construction project shall be treated thru a SPD. Barriers (log/slog) and/or positive means not be used as required to limit and direct vehicular access across the SPD.

Contractor may propose an alternative technique to minimize off-site tracking of sediment. The alternative must be reviewed and approved by the Engineer prior to its use.

Materials spilled, dropped or tracked onto public roads including the SPD, adjacent and collection must shall be removed daily, or more frequently if so directed by the Engineer.

Grates shall be as described in Section 900 excluding 900-133. Aggregate shall be FOTD size. If this size is not substituted with the approval of the Engineer. Sizes containing excessive small aggregate will track off the project and are unsuitable.

SPD shall provide a retention volume of 3600 cubic feet per acre of surface area draining to the pit. When the SPD is isolated from other drainage areas, the following pit volumes will satisfy this requirement:

- 15' x 50' x 100 (13)
- 30' x 50' x 200 (13)

As an option to the sediment pit, the width of the sediment pit or grate can be increased to double the volume. When the available pit volume has been reduced to one half, it shall be cleaned after a storm is used, any bales or silt fence shall be placed along the entire length.

6. The silt ditch draining the SPD shall have a 0.2% minimum and a 1.0% maximum grade along the SPD and to the sediment pit.

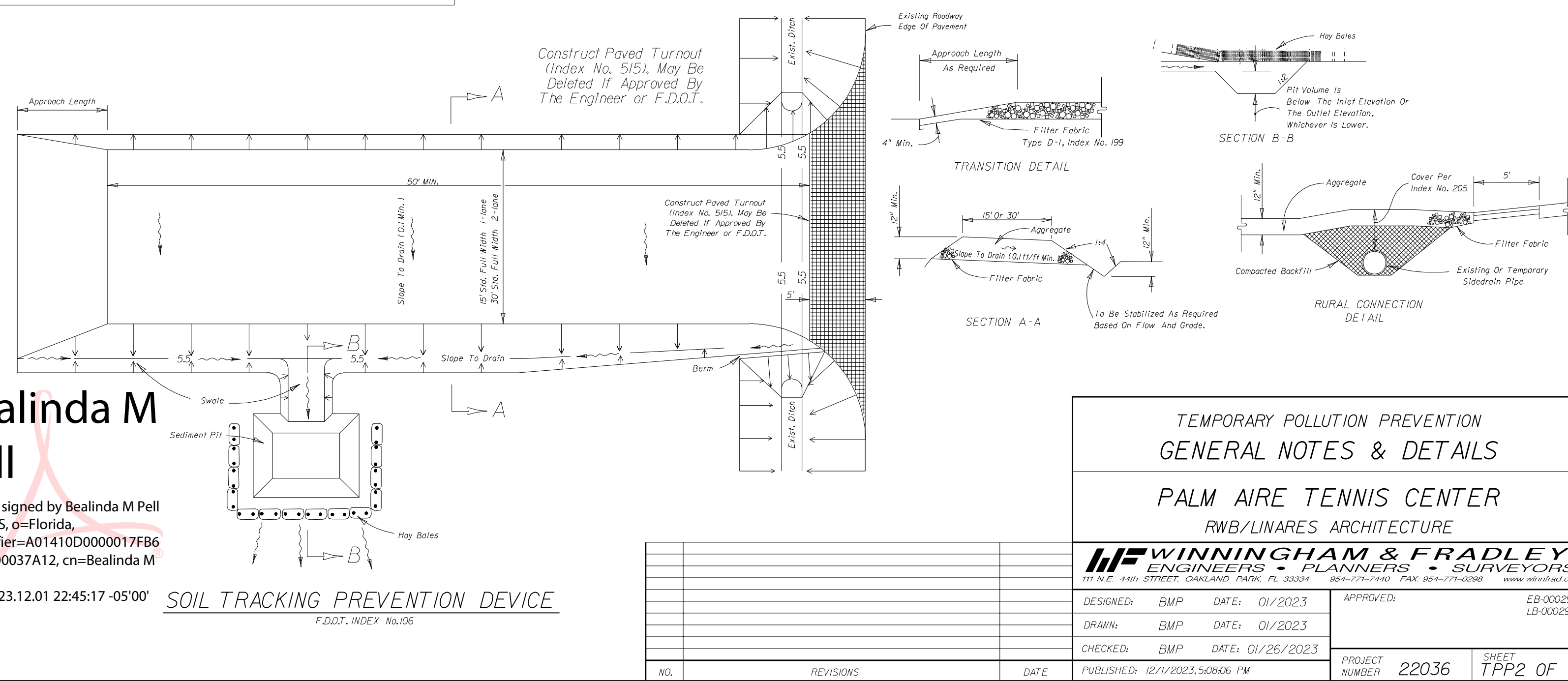
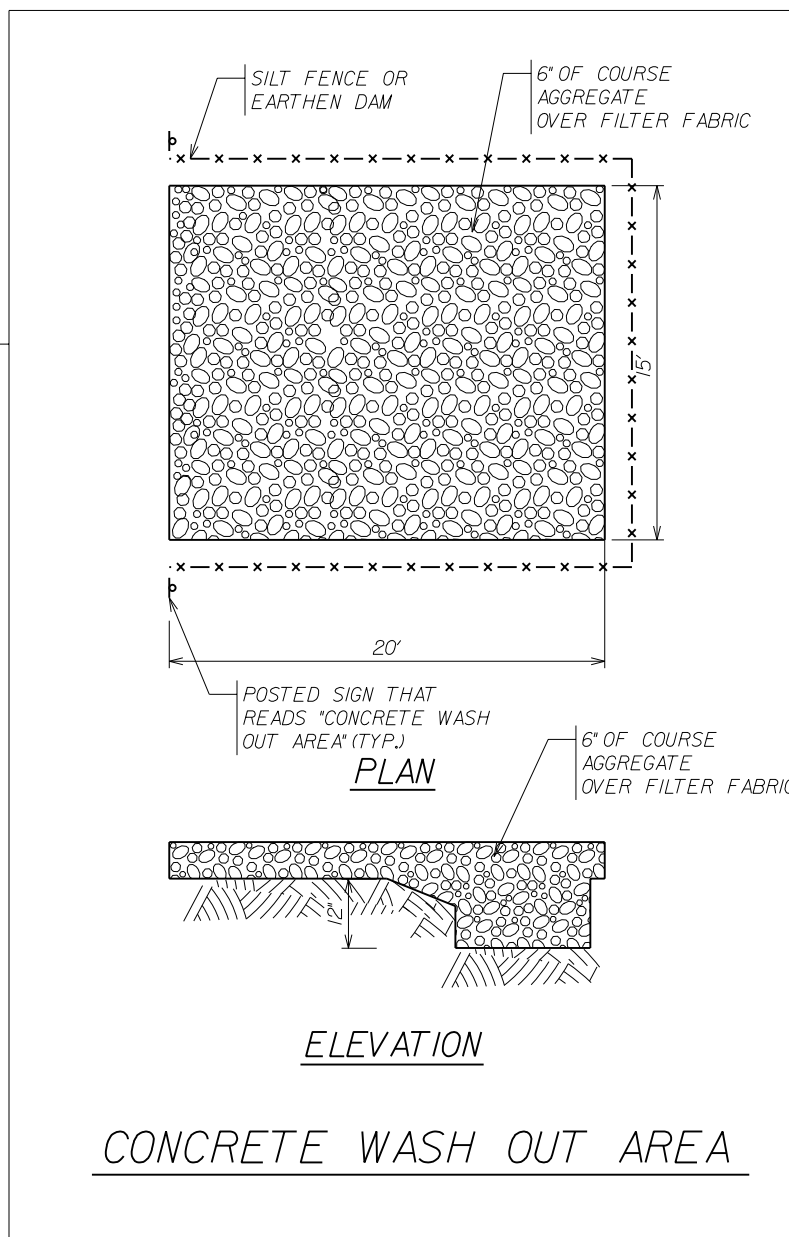
7. Mitered end sections are not required when the silt drain pit satisfies the clear zone requirements.

8. The SPD shall be installed in a condition that will allow it to perform its function. To prevent off-site tracking, the SPD shall be treated (daily) when in use to move accumulated mud downward thru the stone. Additional stabilization of the velkator route leading to the SPD may be required to limit the mud tracked.

9. A SPD shall be paid for under the contract unit price for Silt Tracking Prevention Devices, EA. The unit price shall constitute full compensation for construction, maintenance, replacement of materials, removal and restoration of the area utilized for the SPD, including but not limited to excavation, grading, temporary pipe (including MES when required), filter fabric, aggregate, paved turnout (including asphalt and base construction), ditch stabilization, approach route stabilization, sediment removal and disposal, water, rinsing and cleaning of the SPD and cleaning of public roads, grassing and so on. Hay bales shall be paid for under the contract unit price for Hay or Straw Baled, EA. Silt fence shall be paid for under the contract unit price for Staked Silt Fence, EA.

10. The nominal size of a standard SPD is 15' x 50' unless otherwise shown in the plans. If the volume of entering and exiting vehicles warranted, a 30' width SPD may be used (if approved by the Engineer). When a double width (30') SPD is used, the pay quantity shall be 2 for each location.

CONCRETE WASH



Bealinda M
Pell

Digitally signed by Bealinda M Pell
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