- CONSTRUCTION WASTES INCLUDES DEMOLITION RUBBLE PACKAGING MATERIALS, SCRAP BUILDING SUPPLIES, ETC. CONTRACTOR SHALL SELECT A DESIGNATED WASTE COLLECTION AREA AND PROVIDE IDS FOR WASTE CONTAINERS
- 2. PESTICIDES SHALL BE STORED IN A DRY, COVERED AREA. CONTRACTOR SHALL PROVIDE CURBS, DIKES, OR BERMS SURROUNDING STORAGE AREAS. APPLICATION RATES SHALL
- 3 FERTILIZER AND DETERGENT APPLICATIONS ARE TO BE LIMITED. TO THE MINIMUM NEEDED. CONTRACTOR SHALL NOT DISCHARGE WASH WATER INTO THE STORM WATER SYSTEM.
- PETROLEUM PRODUCTS INCLUDE OIL, GASOLINE, LUBRICANTS, AND ASPHALTIC SUBSTANCES AND SHALL BE STORED IN COVERED AREAS PROTECTED BY DIKES. CONTRACTOR SHALL HAVE EQUIPMENT TO CONTAIN AND CLEAN UP PETROLEUM SPILLS IN FUEL STORAGE AREAS OR MAINTENANCE AND
- 5. SANITARY AND SEPTIC WASTES INCLUDE ON-SITE SANITARY SANTIARY AND SEPTIC WAS IES INCLUDE ON-SITE SANTIARY FACILITIES. LOCATION OF THESE FACILITIES SHALL BE OUT OF HIGH FLOW AREAS. REGULAR SERVICING BY A QUALIFIED DOMESTIC. WASTE HAULER IS REQUIRED. PROPOSED SANITARY SEWER WILL TIE INTO AN EXISTING COUNTY SYSTEM.
- 6. CONTRACTOR SHALL STORE AND HANDLE MATERIALS TO PREVENT SPILLS. IF A SPILL OCCURS, CONTACT TO STORM
- PRIOR TO MOBILIZATION, THE CONTRACTOR SHALL SUBMIT PROPOSED LOCATIONS OF ANY POTENTIAL POLLUTANT TO THE ENGINEER FOR APPROVAL.
- 8. WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

SITE MAINTENANCE NOTES:

- THE DESIGN PROFESSIONAL WHO PREPARED E.S. & P.C. PLAN SHALL INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMP'S WITHIN 7 DAYS AFTER INSTALLATION.
- ANY AMENDMENTS AND/OR REVISIONS TO THE E.S. & P.C. PLANS WHICH WILL HAVE A SIGNIFICANT EFFECT ON BMP'S WITH HYDRAULIC COMPONENTS MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.
- 3. WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT
- THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH LAND-DISTURBING ACTIVITIES.
- 5. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT SEDIMENT SOURCE.
- 6. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OF TEMPORARY SEEDING.
- DEVELOPERS AND/OR CONTRACTORS ARE RESPONSIBLE TO REMOVE OR CLEAN OUT ANY SILT, DIRT, MUD OR ANY OTHER TYPE OF DEBRIS THAT COMES OFF THEIR SITE AND FINDS ITS WAY INTO A PRIVATE POND, ONTO PRIVATE PROPERTY, INTO A COUNTY OWNED POND OR COUNTY OWNED PROPERTY TO INCLUDE RIGHTS-OF-WAY.
- . THE CONTRACTOR SHALL COMPLY WITH THE "GEORGIA MANUAL FOR ON-SITE SEWAGE MANAGEMENT SYSTEMS* FOR WASTE DISPOSAL, SANITARY SEWER AND/OR SEPTIC TANK INCLUDING ALL TEMPORARY MEASURES DURING CONSTRUCTION AND AFTER CONSTRUCTION AND AFTER CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED.

FUGITIVE DUST CONTROL NOTES

GA. RULE [391-3-1-.02] - (N) - FUGITIVE DUST CONTROL

1 ALL PERSONS RESPONSIBLE FOR ANY OPERATION PROCESS. HANDLING, TRANSPORTATION OR STORAGE FACILITY WHICH MAY RESULT IN FUGITIVE DUST SHALL TAKE ALL REASONABLE PRECAUTIONS TO PREVENT SUCH DUST FROM BECOMING AIRBORNE SOME REASONABLE PRECALITIONS WHICH COLLID BE TAKEN TO PREVENT DUST FROM BECOMING AIRBORNE INCLUDE, BUT ARE NOT LIMITED TO. THE FOLLOWING:

(1) USE, WHERE POSSIBLE, OF WATER OR CHEMICALS FOR CONTI OF DUST IN THE DEMOLITION OF EXISTING BUILDINGS OR STRUCTURES, CONSTRUCTION OPERATIONS, THE GRAD ROADS OR THE CLEARING OF LAND; II)APPLICATION OF ASPHALT, OIL, WATE ON DIRT ROADS, MATERIALS, STOCKP WHICH CAN GIVE RISE TO AIRBORNE (III) INSTALLATION AND USE OF HO TO ENCLOSE AND VENT THE HARROW

S LIKELY TO GIVE RISE TO NE DUSTS

E PROMPT F TH OR OTHER MATERIAL FROM STREETS OF I EARTH OR OTHER MATERIAL HAS

PARAGRAPH (2)(N)1. ABOVE SHALL NOT EQUAL OF **EXCEED 20 PERCENT**

LAND GRADING FOR MINIMIZING EROSION

- ONLY DISTURB, CLEAR, OR GRADE AREAS NECESSARY FOR CONSTRUCTION FLAG OR OTHERWISE DELINEATE AREAS NOT TO BE DISTURBED. EXCLUDE VEHICLES AND CONSTRUCTION EQUIPMENT FROM THESE AREAS TO PRESERVE
- ALL GRADED OR DISTURBED AREAS INCLUDING SLOPES SHALL BE PROTECTED. DURING CLEARING AND CONSTRUCTION IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLAN UNTIL THEY ARE PERMANENTLY
- ALL SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLAN AND ACCORDING TO THE STANDARDS AND SPECIFICATIONS FOR THE APPROPRIATE EROSION CONTROL PRACTICES.
- IF TOPSOIL IS REQUIRED FOR THE ESTABLISHMENT OF VEGETATION, IT SHALL BE STOCKPILED IN THE AMOUNT NECESSARY TO COMPLETE FINISHED GRADING AND PROTECTED FROM EROSION DURING THE INTERIM
- AREAS TO BE FILLED SHALL BE CLEARED, GRUBBED TO REMOVE TREES, VEGETATION, ROOTS AND OTHER OBJECTIONABLE MATERIAL, AND STRIPPED OF TOPSOIL.
- AREAS TO RECEIVE TOPSOIL SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 3 INCHES (76 MM) PRIOR TO PLACEMENT OF TOPSOIL.
- ALL FILLS SHALL BE COMPACTED AS REQUIRED BY BUILDING STANDARDS TO REDUCE EROSION, SLIPPAGE, SETTLEMENT, SUBSIDENCE AND OTHER RELATED PROBLEMS. FILL INTENDED TO SUPPORT BUILDINGS, STRUCTURES, CONDUITS, ETC., SHALL BE COMPACTED IN ACCORDANCE WITH LOCAL
- THE OUTER FACE OF THE FILL SLOPE SHOULD BE ALLOWED TO STAY LOOSE. NOT ROLLED, COMPACTED, OR BLADED SMOOTH. A BULLDOZER MAY RUN UP AND DOWN THE FILL SLOPE SO THE DOZER TREADS (CLEAT TRACKS) CREATE GROOVES PERPENDICULAR TO THE SLOPE. IF THE SOIL IS NOT TOO MOIST, EXCESSIVE COMPACTION WILL NOT OCCUR.
- ALL FILL SHALL BE PLACED AND COMPACTED IN LAYERS NOT TO EXCEED 8 INCHES (0.2 M) PER LIFT
- USE SLOPE BREAKS, SUCH AS DIVERSIONS, BENCHES, OR CONTOUR FURROWS AS APPROPRIATE, TO REDUCE THE LENGTH OF CUT-AND-FILL SLOPES TO LIMIT SHEET AND RILL EROSION AND PREVENT GULLY EROSION.
- THE FINISHED CUT-AND-FILL SLOPES, WHICH ARE TO BE VEGETATED WITH GRASS AND LEGUMES, SHOULD NOT BE STEEPER THAN 2:1.
- SLOPES TO BE MAINTAINED BY TRACTOR OR OTHER EQUIPMENT SHOULD NOT
- BE STEEPER THAN 3:1. SLOPES IN EXCESS OF 2:1 MAY REQUIRE HYDROSEEDING, HYDROMULCHING, TACTIFYING, AND/OR "PUNCHING-IN" STRAW, BIOENGINEERING TECHNIQUES. OR RETAINING WALLS.
- ROUGHEN THE SURFACE OF ALL SLOPES DURING THE CONSTRUCTION OPERATION TO RETAIN WATER, INCREASE INFILTRATION, AND FACILITATE VEGETATION ESTABLISHMENT.
- SEEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH APPROVED METHODS.
- STABILIZE ALL GRADED AREAS WITH VEGETATION, CRUSHED STONE, RIPRAP OR OTHER GROUND COVER AS SOON AS GRADING IS COMPLETED OR IF WORK IS INTERRUPTED FOR 21 WORKING DAYS OR MORE.
- USE MULCH TO STABILIZE AREAS TEMPORARILY WHERE FINAL GRADING MUST
- 18. STOCKPILES, BORROW AREAS AND SPOIL AREAS SHALL BE SHOWN ON THE PLANS AND SHALL BE STABILIZED TO PREVENT EROSION AND SEDIMENTATION.

SPILL RESPONSE PLAN

THE GOAL OF THE SPILL RESPONSE PLAN IS TO REDUCE SAFETY, HEALTH, AND ENVIRONMENTAL RISKS ASSOCIATED WITH A HAZARDOUS SUBSTANCE INCIDENT N THE EVENT OF A SPILL, THE FOLLOWING ACTIONS SHOULD BE IMPLEMENTED:

- SECURE AND EVACUATE THE AREA KEEP UNAUTHORIZED PERSONS OUT OF THE AREA.
- REPORT THE SPILL
- ALL SPILLS >5 GALLONS MUST BE IMMEDIATELY REPORTED TO THE FIRE DEPARTMENT AT 911.
- SPILLS THAT ARE ≤5 GALLONS MUST BE REPORTED IF THE SPILL ENTERS STORM DRAIN CREEK LAKE OR OTHER BODY OF WATER OR CANNOT BE SAFELY CONTAINED AND CLEANED UP BY ORGANIZATION BE
- PROVIDE ANY PERTINENT INFORMATION, INCLUDING
- SUBSTANCE SPILLED
- LOCATION OF SPILE NATURE AND EXTENT OF INJURIES
- EXTENT TO WHICH SPILL TRAVELED
- ESTIMATED AMOUNT SPILL

- ATIRI E RUBBE
- HE FLOW STOP OR SLOW FLOW OF HAZARDOUS SUBSTANCE IF IT
- PLUS OR PATCH PUNCTURED CONTAINER(S)
- PRIGHT OVERTURNED OR TIPPED CONTAINER(S)
- CLOSE APPROPRIATE VALVE(S) CONTAIN THE SPILL - THE SPILLED SUBSTANCE SHOULD BE CONTAINED WITHIN THE IMMEDIATE AREA. PREVENT FLOW TODRAINS, DRAINAGE
- DITCHES, AND SEWER SYSTEMS IF IT CAN BE DONE SAFELY. PLACE NONREACTIVE ABSORBENT MATERIAL SUCH AS SAND, FARTH STRAW, VERMICULITE, ABSORBENT PILLOWS OR BOOMS ON THE SPILL
- BLOCK THE SPILL FROM ENTERING STORM DRAINS OR SEWERS BY CONSTRUCTING A DIKE AROUND ALL POINTS OF ENTRY.
- IF THE SPILL IS ON THE GROUND, CLEAN IT UP IMMEDIATELY BY DIGGING UP THE CONTAMINATED SOIL, PLACING IT IN PROPER CONTAINERS, AND DISPOSING OF IT PROPERLY.

DUST CONTROL BY IRRIGATION

THE CONTRACTOR SHALL CONDUCT OPERATIONS AND MAINTAIN THE PROJECT SITE SO AS TO MINIMIZE THE CREATION AND DISPERSION OF DUST. DUST CONTROL SHALL BE USED THROUGHOUT THE WORK AT THE SITE.

Du

- 2. THE CONTRACTOR MUST PROVIDE CLEAN WATER, FREE FROM SALT, OIL AND OTHER DELETERIOUS MATERIALS TO BE USED FOR ON-SITE DUST CONTROL.
- . THE CONTRACTOR SHALL SUPPLY WATER SPRAYING EQUIPMENT CAPABLE OF ACCESSING ALL WORK AREAS.
- THE CONTRACTOR SHALL IMPLEMENT STRICT DUST CONTROL MEASURES DURING ACTIVE CONSTRUCTION PERIODS ON-SITE. THESE CONTROL MEASURES WILL GENERALLY CONSIST OF WATER APPLICATIONS THAT SHALL BE APPLIED A MINIMUM OF ONCE PER DAY DURING DRY WEATHER OR MORE OFTEN AS
- 5. FOR WATER APPLICATION TO UNDISTURBED OIL SURFACES, THE
- A. APPLY WATER WITH EQUIPMENT CONSISTING OF TANK, SPRAY BAR, PUMP DISCHARGE PRESSURE GAUGE.
- B. ARRANGE SPRAY BAR HEIGHT, NOZZLE SPACING AND SPRAY PATTERN TO PROVIDE COMPLETE COVERAGE OF GROUND
- WATER.

 C. DISPERSE WATER THROUGH NOZZLES ON SPRAY BAR AT 20 PSI MINIMUM. KEEP AREAS DAMP WITHOUT CREATING NUISANCE CONDITIONS SUCH AS PONDING.
- 6. FOR WATER APPLICATION TO SOIL SURFACES DURING DEMOLITION AND/OR EXCAVATION, THE CONTRACTOR SHALL:
- A. APPLY WATER WITH EQUIPMENT CONSISTING OF A TANK, PUMP WITH DISCHARGE GAUGE HOSES AND MIST NOZZI ES
- WITH DISCHARGE GAUGE, HOSES AND MIST NOZZLES.

 B. LOCATE TANK AND SPRAYING EQUIPMENT SO THAT THE ENTIRE EXCAVATION AREA CAN BE MISTED WITHOUT INTERFERING WITH DEMOLITION AND/OR EXCAVATION EQUIPMENT OR OPERATIONS.

 C. KEEP AREAS DAMP WITHOUT CREATING NUISANCE CONDITIONS SUCH AS PONDING.

 D. APPLY WATER SPRAY IN A MANNER TO PREVENT MOVEMENT OF SPRAY BEYONDY CONSTRUCTIONS.
- SPRAY BEYOND CONSTRUCTION BOUNDARIES.
- CONTRACTOR SHALL REFER TO "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA® LATEST EDITION FOR ADDITIONAL INFORMATION ON TEMPORARY AND PERMANENT

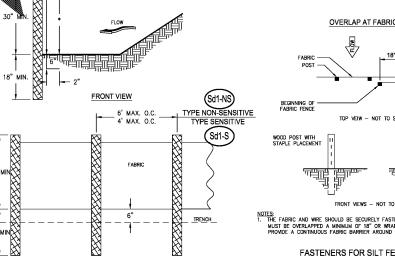
TOPSOILING Тр

- DETERMINE WHETHER THE QUALITY AND QUANTITY OF AVAILABLE TOPSOIL JUSTIFIES SELECTIVE HANDLING. SOILS OF THE TEXTURAL CLASS OF LOAM, SANDY LOAM, AND SILT LOAM ARE BEST; SANDY CLAY LOAM, SILTY CLAY LOAM, CLAY LOAM AND LOAMY SAND ARE FAIR. DO NOT USE HEAVY CLAY & ORGANIC SOILS SUCH AS PEAT OR MUCK AS TOPSOIL
- STRIP TOPSOIL ONLY FROM THOSE AREAS THAT WILL BE DISTURBED BY EXCAVATION, FILLING, ROAD BUILDING, OR COMPACTING BY EQUIPMENT. A 4-6 INCHES (0.1-0.2 M) STRIPPING DEPTH IS COMMON, BUT DEPTH VARIES
- DETERMINE DEPTH OF STRIPPING BY TAKING SOIL CORES AT SEVERAL LOCATIONS WITHIN EACH AREA TO BE STRIPPED. TOPSOIL DEPTH GENERALLY VARIES ALONG A GRADIENT FROM HILLTOP TO TOE OF THE THE SLOPE.
- PLIT SEDIMENT BASINS DIVERSIONS AND OTHER CONTROLS INTO PLACE BEFORE STRIPPING SELECT STOCKPILE LOCATION TO AVOID SLOPES, NATURAL DRAINAGE WAYS, AND TRAFFIC ROUTES. ON
- LARGE SITES, RE-SPREADING IS EASIER AND MORE ECONOMICAL WHEN TOPSOIL IS ECONOMICAL WHEN TOPSOIL IS STOCKPILED IN SMALL PILES LOCATED NEAR AREAS WHERE THEY WILL BE USED. USE SILT FENCES OR OTHER BARRIERS WHERE NECESSARY TO RETAIN SEDIMENT

PROTECT TOPSOIL STOCKPILES BY TEMPORARILY SEEDING AND/OR MULCHING AS SOON AS POSSIBLE TO

- ASSURE THE STORED MATERIAL IS NOT EXPOSED AND ALLOWED TO ERODE.

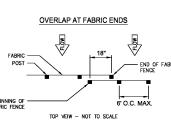
 IF STOCKPILES WILL NOT BE USED WITHIN 12 MONTHS THEY MUST BE STABILIZED WITH PERMANENT
- VEGETATION TO CONTROL EROSION AND WEED GROWTH. BEFORE SPREADING TOPSOIL, ESTABLISH EROSION AND SEDIMENTATION CONTROL PRACTICES S DIVERSIONS, BERMS, DIKES, WATERWAYS AND SEDIMENT BASINS.
- WHERE THE PH OF THE EXISTING SUBSOIL IS 6.0 OR LESS, OR THE SOIL IS COMPOSED O INCORPORATE AGRICULTURAL LIMESTONE IN AMOUNTS RECOMMENDED BY SOIL T THE SEEDING MIXTURE TO BE USED. INCORPORATE LIME TO A DEPTH OF AT LEAST
- 12. IMMEDIATELY PRIOR TO SPREADING THE TOPSOIL, LOOSE SUBGRADE BY DIS DEPTH OF AT LEAST 3 INCHES (76 MM), TO ENSURE DON AMENDMENTS HAVE BEEN INCORPORATED, LO THE SO DEPTH OF AT LIEA
- BEFORE SPREADING TOPSOIL. UNIFORMLY DISTRIBUTE TOPSOIL TO A MINIMUM CO MM) ON 3:1 SLOPES AND
- 4 INCHES (0.1 M) ON FLATTER SL DO NOT SPREAD TOPSOIL WE GRADE IS WET OR FROZEN WHEN
- CORRECT ANY IRREGUL S IN THE SUR PREVENT THE FORMATION RESSIONS (
- COMPACT THE TOPSOIL ENO WITH THE UNDERLYING SOIL, BUT AVOID O ENSURE G EXCESSIVE COMPACTING AS FASES RU AND INHIBITS SEED GERMINATION. LIGHT PACKING WITH A COMMENDED WH NCE TURF IS TO BE ESTABLISHED.
- ON SLOP ND AREAS THAT W . ED. THE SURFACE MAY BE LEFT ROUGH AFTER SPREADING TOPSOL MAY BE USED₄T BONDING AT THE INTERFACE BETWEEN THE TOPSOIL AND

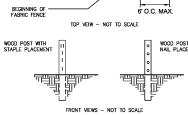


USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN. HEIGHT (*) IS TO BE SHOWN ON THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

SIDE VIEW

SILT FENCE





ES: THE FABRIC AND WIRE SHOULD BE SECURELY FASTENED TO POSTS AND FABRIC ENDS MUST BE OVERLAPPED A MINIMUM OF 18" OR WRAPPED TOGETHER AROUND A POST T PROVIDE A CONTINUOUS FABRIC BARRIER AROUND THE INLET.

FASTENERS FOR SILT FENCES

GSWCC GEORGIA SOIL AND WATER CONSERVATION COMMISSION WILLIAM T. BUCHANAN Level II Certified Design Professional CERTIFICATION NUMBER ___ ISSUED: 1/25/2018 EXPIRES: 1/25/2021

STATION Ш $\overline{\mathbf{c}}$

GA E

AUGUSTA,

CHECKED BY CHK 10/18/17 SHEET TITLE:

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DRWN

ROJECT NO.

RAWN BY

E.S.P.C. NOTES & **DETAILS - 1 OF 5**

AS NOTED

CRUSHED STONE CONSTRUCTION EXIT NO SCALE

BUT NO LESS THAN 20'

SEDIMENT CONTROL DEVICE).

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ENTRANCE ELEVATION

NOTES:

1. AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.

2. REMOVE ALL VECETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.

3. AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION

3. AGORGATE SIZE STALL BE IN ACCORDANCE WITH INTIMINAL STONE ASSOCIATION R-2 (1.5"-3.5" STONE).

4. GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6".

5. PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VEHICULAR EGRESS,

6. A DIVERSION RIDGE SHOULD BE CONSTRUCTED WHEN GRADE TOWARD PAVED AREA IS

GREALER HAN 2%.
INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES.
WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH
CRUSHO STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT
BASIN (DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A

WASHRACKS AND/OR TIRE WASHERS MAY BE REQUIRED DEPENDING ON SCALE AND CIRCUMSTANCE. IF NECESSARY, WASHRACK DESIGN MAY CONSIST OF ANY MATERIAL SUITABLE FOR TRUCK TRAFFIC THAT REMOVE MUD AND DIRT.

10.MAINTAIN AREA IN A WAY THAT PREVENTS TRACKING AND/OR FLOW OF MUD ONTO

PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

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