CURB INLET —

CATCH

BASIN

SECTION A-A

6 INCHES

(150 MM) MIN.

2. CONSTRUCT ON GENTLY SLOPING STREET WHERE WATER CAN POND AND ALLOW SEDIMENT TO

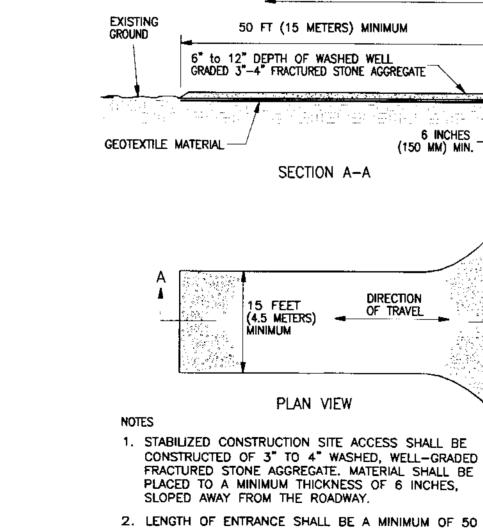
GRAVEL BAGS TO OVERLAP ONTO CURB -

SPILLWAY

PONDING_HT.

1. GRAVEL BAGS SHALL BE WOVEN GEOTEXTILE FABRIC.

SEPARATE OUT OF SUSPENSION.



1. FILTER ROLLS SHALL BE CONSTRUCTED LONG ENOUGH TO EXTEND ACROSS THE EXPECTED FLOW PATH. 2. SUPPORT POSTS SHALL BE A MINIMUM 24" LONG 1" X 1" WOOD POSTS DRIVEN A MINIMUM OF 6 INCHES INTO THE GROUND. POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET APART. 3. FILTER ROLL SHALL BE IMBEDDED A MINIMUM OF 3 INCHES INTO EXISTING GROUND

SECTION A-A

① WADDLE DETAIL

6" MIN.

FLOW

PLAN

- FIBER ROLL

4. CONTRACTOR SHALL MAKE INSPECTIONS WEEKLY DURING THE WET SEASON, MONTHLY DURING THE DRY SEASON AND IMMEDIATELY AFTER EACH RAINFALL TO DETERMINE IF REPAIRS AND SEDIMENT REMOVAL IS REQUIRED. SEDIMENT SHALL BE REMOVED BEFORE IT HAS REACHED ONE HALF THE HEIGHT OF THE

4 CONSTRUCTION ENTRANCE

FEET (15 METERS). WIDTH SHALL BE A MIN. OF 15

FT (4.5 METERS) OR GREATER IF NECESSARY TO

3. THE ENTRANCE SHALL BE KEPT IN GOOD CONDITION BY OCCASIONAL TOP DRESSING WITH MATERIAL AS

NORMAL USAGE, AND AFTER EACH RAINFALL, WITH

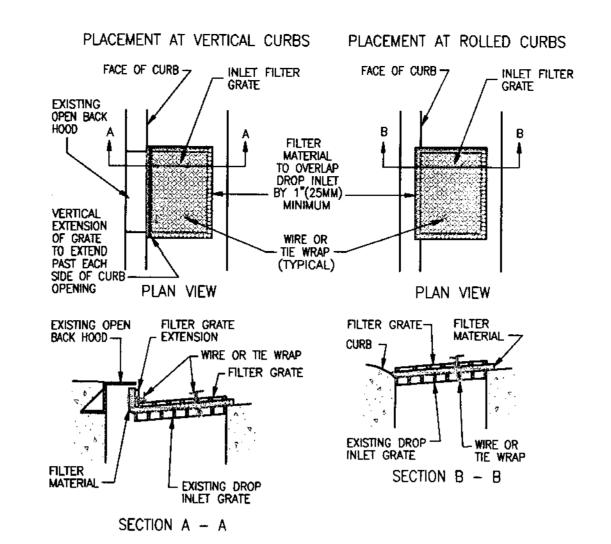
MAINTENANCE PROVIDED AS NECESSARY. PERIODIC TOP DRESSING SHALL BE DONE AS NEEDED.

4. ACCESSES SHALL BE INSPECTED WEEKLY DURING PERIODS OF HEAVY USAGE, MONTHLY DURING

COVER ALL VEHICULAR INGRESS AND EGRESS.

PROVIDE AMPLE TURNING RADII.





1. THE MAXIMUM DRAINAGE AREA PER FILTER SHALL BE NO MORE THAN 2 ACRES (0.8 HECTARES).

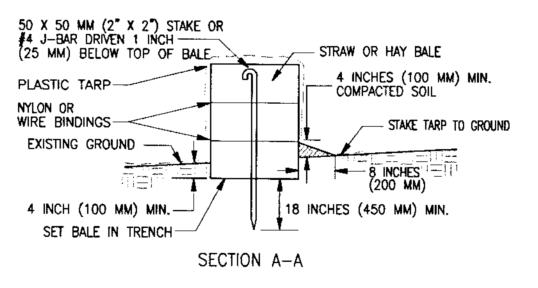
2. THE FILTER PAD SHALL BE 1 INCH (25 MM) THICK CLEANABLE POLYESTER FIBER AND ACRYLIC LATEX RESIN OR APPROVED EQUAL FILTER PAD SHALL OVERLAP DROP INLET ON ALL SIDES BY A MIN. OF 1" (25 MM).

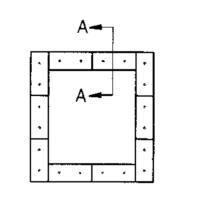
3. THE FILTER GRATE SHALL BE MADE OF EXPANDED METAL OR REBAR AND BE OF SUFFICIENT STRENGTH TO PREVENT BENDING WHEN DRIVEN OVER. GRATE MATERIAL SHALL NOT EXCEED 0.5 INCH (13 MM) THICK. THE GRATE SHALL HAVE A MINIMUM 60% OPEN AREA. GRATES USED AT VERTICAL CURBS SHALL HAVE A VERTICAL EXTENSION TO COVER THE CURB OPENING. THE FILTER GRATE SHALL BE THE SAME SIZE AS THE INLET GRATE.

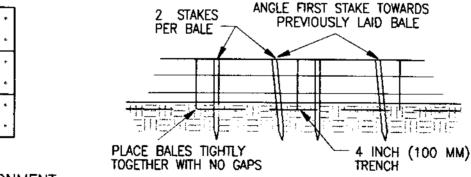
4. THE FILTER PAD AND GRATE SHALL BE SECURELY ATTACHED TO THE DROP INLET BY WIRE OR TIE-WRAPS.

5. INLET FILTERS SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL.
REPAIRS AND SEDIMENT AND DEBRIS REMOVAL SHALL BE MADE AS NECESSARY 6. INLET FILTERS SHALL BE "CONSTRUCTION" STORM DRAIN FILTERS BY POLLUTION

③ CURB INLET DETAIL







FRONT VIEW

STRAW BALE ALIGNMENT

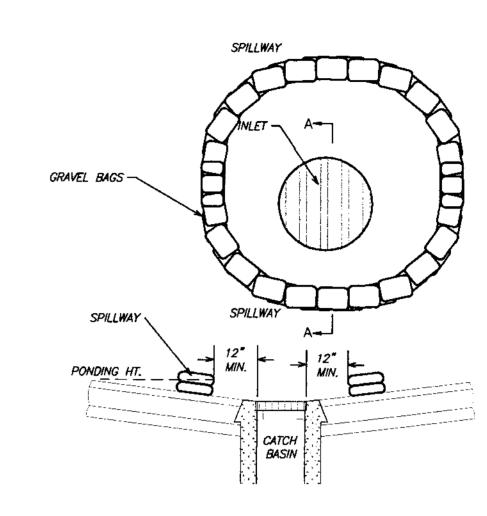
PLACE BALES IN 4 INCH (100 MM) DEEP TRENCH ALONG THE CONTOUR IN THE SHAPE OF AN ARC WITH THE ENDS UPHILL OF THE ARC'S CENTER. BALES SHALL BE PLACED SO THAT BINDINGS ARE HORIZONTAL.

2. BALES SHALL BE ANCHORED BY TWO 2" X 2" (50 X 50 MM) STAKES OR #4 J-BAR DRIVEN THROUGH THE BALE AND INTO THE GROUND A MINIMUM DEPTH OF 18 INCHES (450 MM). STAKES OR J-BARS SHALL BE DRIVEN FLUSH WITH THE TOP OF THE BALE. THE FIRST STAKE OR J-BAR IN EACH BALE SHALL BE DRIVEN AT AN ANGLE TOWARDS THE PREVIOUSLY LAID BALE TO FORCE THE BALES TIGHTLY TOGETHER.

AFTER BALES ARE STAKED IN PLACE, EXCAVATED SOIL SHALL BE BACKFILLED AGAINST THE SIDE TO A MINIMUM HEIGHT OF 4 INCHES (100 MM).

4. CONTRACTOR MAY SUBSTITUE HAY BALE WITH AN EARTHEN DIKE AFTER RECEIVING APPROVAL FORM A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROLCONTROL

CONTRACTOR SHALL INSPECT BALES WEEKLY AND AFTER EACH WASHOUT. REPAIRS
SHALL BE MADE AS NECESSARY AND SEDIMENT SHALL BE REMOVED WHEN IT HAS
ACCUMULATED TO A DEPTH OF 6 INCHES (150 MM). BALES SHALL BE REPLACED WHEN
THEY HAVE BEEN DAMAGED, COLLAPSED OR DECOMPOSED.



SECTION A-A

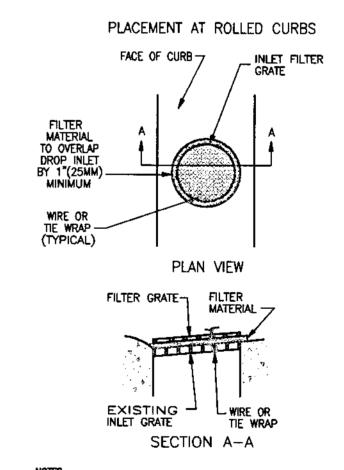
1. GRAVEL BAGS SHALL BE WOVEN GEOTEXTILE FABRIC.
2. CONSTRUCT ON GENTLY SLOPING STREET WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE OUT OF SUSPENSION.

3. LEAVE A GAP OF ONE BAG IN THE MIDDLE OF THE TOP ROW OF BAGS TO SERVE AS SPILLWAY. SPILLWAY HEIGHT SHALL BE SUFFICIENT IN SIZE TO PASS FLOWS FROM SEVER STORM EVENT. 4. PLACE TWO LAYERS OF GRAVEL BAGS. OVER LAP BAGS AND PACK THEM TIGHTLY TOGETHER TO

MINIMIZE THE SPACE BETWEEN BAGS. FILL BAG WITH 3/4" DRAIN ROCK. 5. INSPECT AND REPAIR FILTERS AFTER EACH STORM EVENT. REMOVE SEDIMENT WHEN 1/2 OF THE FILTER DEPTH HAS BEEN FILLED. REMOVED SEDIMENT SHALL BE DEPOSITED IN AN AREA TRIBUTARY TO A SEDIMENT BASIN OR OTHER FILTERING MEASURE,

6. SEDIMENT AND GRAVEL SHALL BE IMMEDIATELY REMOVED FROM TRAVELED WAY OF ROAD. 7. GRAVEL BAG INLET PROTECTION ON ROADS OPEN TO THE PUBLIC WILL, REQUIRE DELINEATION DEVICES TO ALERT MOTORISTS. BICYCLISTS AND PEDESTRIANS, THE USE OF SUCH DEVICES SHALL BE SUBJECT TO THE ENGINEERS APPROVAL.

(6) INLET DETAIL



1. THE MAXIMUM DRAINAGE AREA PER FILTER SHALL BE NO MORE THAN 2 ACRES (0.8 HECTARES).

2. THE FILTER PAD SHALL BE 1 INCH (25 MM) THICK CLEANABLE POLYESTER FIBER AND ACRYLIC LATEX RESIN OR APPROVED EQUAL. FILTER PAD SHALL OVERLAP DROP INLET ON ALL SIDES BY A MIN. OF 1" (25 MM).

3. THE FILTER GRATE SHALL BE MADE OF EXPANDED METAL OR REBAR AND BE OF SUFFICIENT STRENGTH TO PREVENT BENDING WHEN DRIVEN OVER. GRATE MATERIAL SHALL NOT EXCEED 0.5 INCH (13 MM) THICK. THE GRATE SHALL HAVE A MINIMUM 60% OPEN AREA. GRATES USED AT VERTICAL CURBS SHALL HAVE A VERTICAL EXTENSION TO COVER THE CURB OPENING. THE FILTER GRATE SHALL BE THE SAME SIZE AS THE INLET GRATE.

4. THE FILTER PAD AND GRATE SHALL BE SECURELY ATTACHED TO THE DROP INLET BY WIRE OR TIE-WRAPS.

5. INLET FILTERS SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL REPAIRS AND SEDIMENT AND DEBRIS REMOVAL SHALL BE MADE AS NECESSARY.

6. INLET FILTERS SHALL BE "CONSTRUCTION" STORM DRAIN FILTERS BY POLLUTION

① INLET DETAIL

3 5 IMPROVEMENT PLANS CARBONA STATION SWPPP PLAN DETAILS Design AMC Check AMC

ONTI

Date 12/02/03

Scale

NTS Original Drawing Scale

1∕2″ 1″ Sheet Number

Of Project File No.

STORM WATER POLLUTION PREVENTION PLAN

WITH THE EXCEPTION OF PROPERLY DESILTED WATER FROM SITE DEWATERING, THE CONTRACTOR SHALL NOT DISCHARGE ANY MATERIALS AND/OR LIQUIDS TO THE STORM DRAINAGE SYSTEM. ACTIVITIES OF PARTICULAR CONCERN ÁRE:

- A. CONTRACTOR SHALL DESIGNATE A CONCRETE TRUCK CLEAN-OUT AREA. CITY INSPECTOR APPROVED BEST MANAGEMENT PRACTICES SHALL AT ALL TIMES BE FULLY IMPLEMENTED AT AND AROUND THE CLEAN-OUT AREA.
- B. TACK COAT AND PRIME COAT ASPHALTS SHALL BE CAREFULLY SPRAYED AND ANY EXCESS MATERIAL SPILLED SHALL BE CLEANED UP IMMEDIATELY BY PROPER
- C. ALL EQUIPMENT REFUELING IN THE PROJECT AREA SHALL BE CAREFULLY DONE TO AVOID SPILLAGE, ANY SPILLS SHALL BE CONTAINED AND CLEANED UP IMMEDIATELY IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS. ALL FUELING VEHICLES SHALL BE EQUIPPED WITH SPILL CLEANUP MATERIALS AND EQUIPMENT.
- D. CONTRACTOR SHALL CONTROL AND PROPERLY DISPOSE OF ALL LIQUIDS DURING SAWCUTTING ACTIVITIES

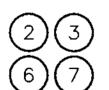
EROSION CONTROL NOTES:

- 1. ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED PER THE STANDARD CONSTRUCTION SPECIFICATIONS DATED OCTOBER 1997 AND THE EROSION AND SEDIMENT CONTROL STANDARDS AND SPECIFICATIONS, LATEST REVISION. WHERE DISCREPANCIES EXIST THE STANDARD DRAWINGS OF THE EROSION AND SEDIMENT CONTROL STANDARDS AND SPECIFICATIONS SHALL SUPERSEDE THE STANDARD DRAWINGS OF THE STANDARD CONSTRUCTION SPECIFICATIONS.
- 2. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED DURING CONSTRUCTION BY THE CONTRACTOR PER THE EROSION AND SEDIMENT CONTROL STANDARDS AND SPECIFICATIONS, LATEST REVISION.
- 3. DUST CONTROL SHALL BE PRACTICED PER THE GRADING ORDINANCE AND STANDARD CONSTRUCTION SPECIFICATIONS, LATEST REVISION.
- 4. INLET FILTERS SHALL BE PLACED AROUND ALL DRAIN INLETS WHICH COULD RECEIVE DRAINAGE IN UNPAVED AND PAVED AREAS DURING THE WET SEASON (OCTOBER 1-APRIL 15).
- 5. STORM DRAIN INLET FILTERS PER ATTACHED DETAIL SHALL BE PLACED ON ALL DRAIN INLETS AFTER COMPLETION OF PAVING AND SHALL REMAIN IN PLACE ON A YEAR ROUND BASIS. FILTERS SHALL BE REMOVED BY THE CONTRACTOR UPON ACCEPTANCE OF SUBDIVISION IMPROVEMENTS.
- 6. STABILIZED CONSTRUCTION SITE ACCESS SHALL BE CONSTRUCTED PER ATTACHED DETAIL WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES PAVED AREAS. THE STABILIZED ACCESS SHALL REMAIN IN PLACE ON A YEAR ROUND BASIS UNTIL COMPLETION OF CONSTRUCTION.
- 7. SENSITIVE AREAS AND AREAS UNDISTURBED BY GRADING SHALL BE PROTECTED BY FILTER ROLL BARRIER AS SHOWN ON THE ROUGH GRADING PLAN AND CONSTRUCTED PER ATTACHED DETAILS. FILTER ROLL BARRIER, OR APPROVED EQUAL. SHALL REMAIN IN PLACE ON A YEAR ROUND BASIS.
- 8. FILTER ROLL, STRAW WATTLE BARRIER OR OTHER EROSION CONTROL MEASURES BE CONSTRUCTED PER ATTACHED DETAILS, TO PROVIDE PROTECTION AT THE PERIMETER OF THE PROJECT WHERE SHEET FLOW TYPE RUNOFF MAY DISCHARGE TO ADJACENT PROPERTIES. STRAW ROLL, OR APPROVED EQUAL, SHALL REMAIN IN PLACE ON A YEAR ROUND BASIS.
- 9. THE FIRST 18' BEHIND THE SIDEWALK ON LOT FRONT YARDS, THE FIRST 7.5' BEHIND THE SIDEWALK ON STREET SIDEYARDS AND ALL SLOPES STEEPER THAN 10:1 SHALL BE HYDROSEEDED WITH AN APPROVED SEED MIXTURE AFTER COMPLETION OF CURB, GUTTER AND SIDEWALK AND JUST PRIOR TO THE RAINY SEASON TO ALLOW MAXIMUM GROWTH OF HYDROSEEDED AREA.

INSTALL STRAW ROLL AND AT BACK OF WALK



INSTALL GRAVEL BAGS AND FILTER FABRICS TO PROTECT ALL INLETS (TYP ALL INLETS)



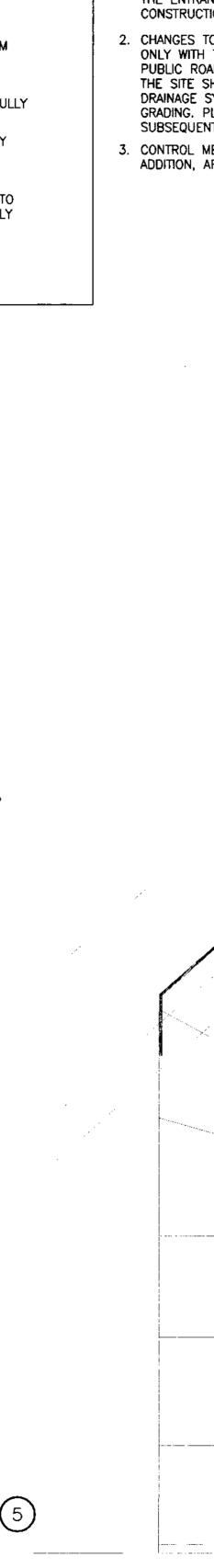
INSTALL CONSTRUCTION ENTRANCE PROTECTION



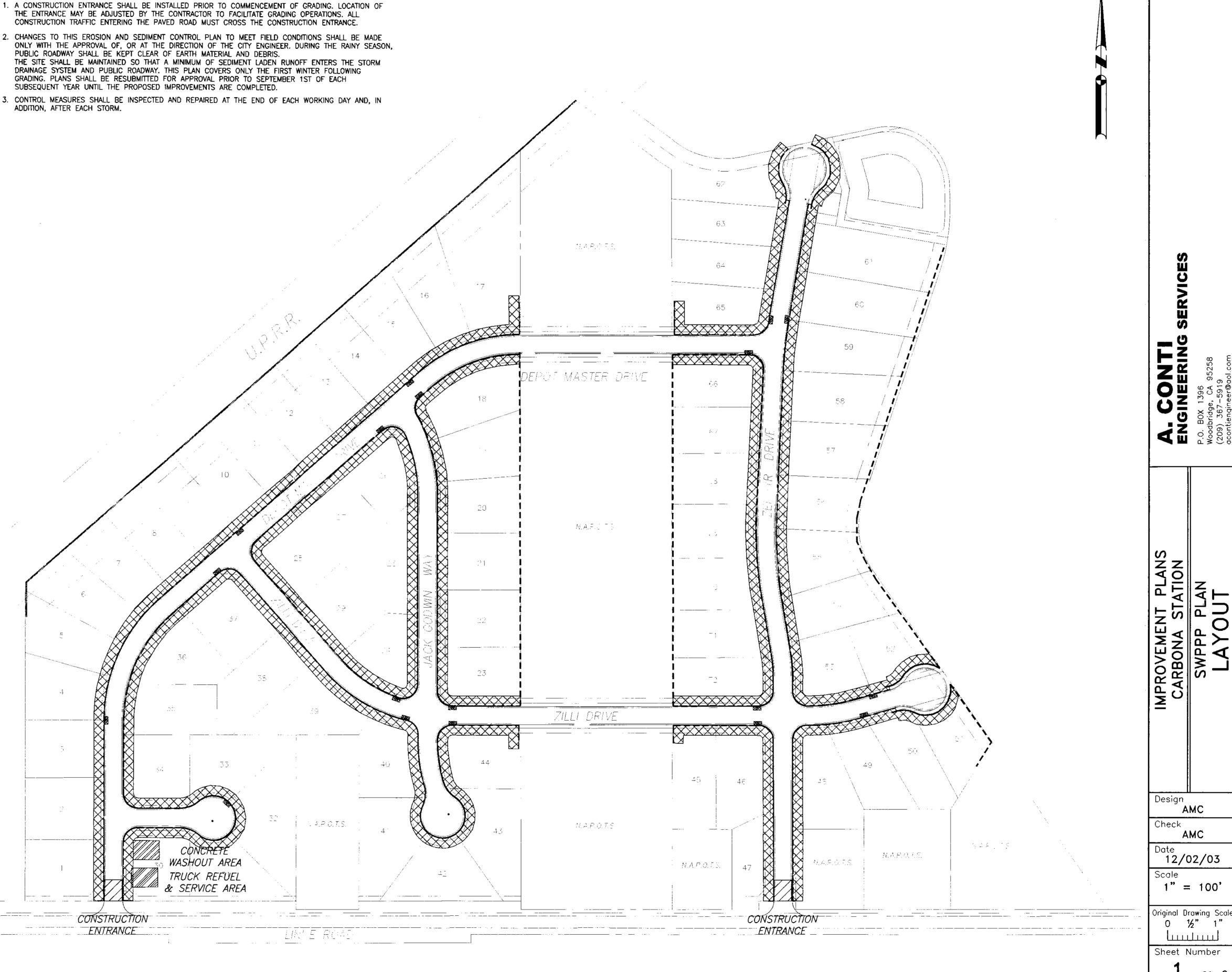
CONTRACTOR TO STABILIZE THROUGH HYDROSEEDING DISTURBED SOIL PRIOR TO RAINY SEASON

INSTALL CONCRETE WASHOUT AREA IN LOCATIONS APPROVED BY A CERTIFIED LOCATIONS APPROVED BY A CERTIFIED PROFESSIONAL 5
IN EROSION & SEDIMENT CONTROL

INSTALL EQUIPMENT REFUEL AND SERVICE AREA IN IN EROSION & SEDIMENT CONTROL LOCATIONS APPROVED BY A CERTIFIED PROFESSIONAL



GENERAL:



Of **2**

Project File No.