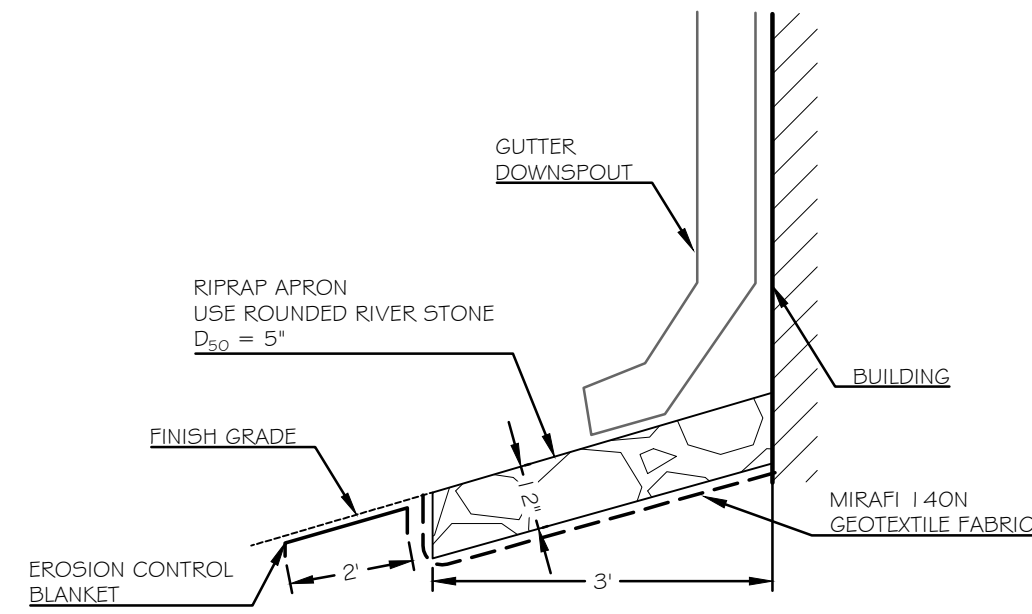
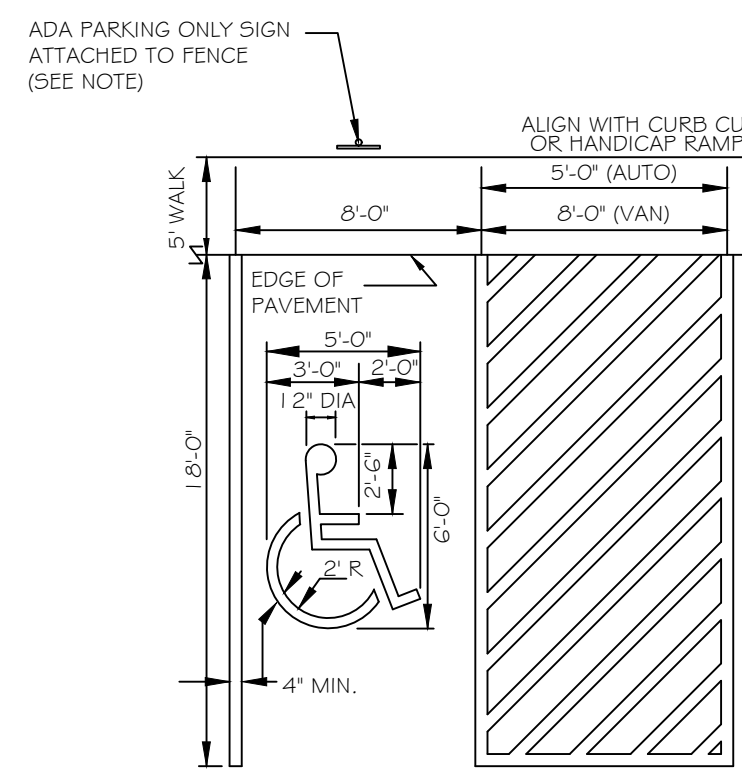


PLAN VIEW



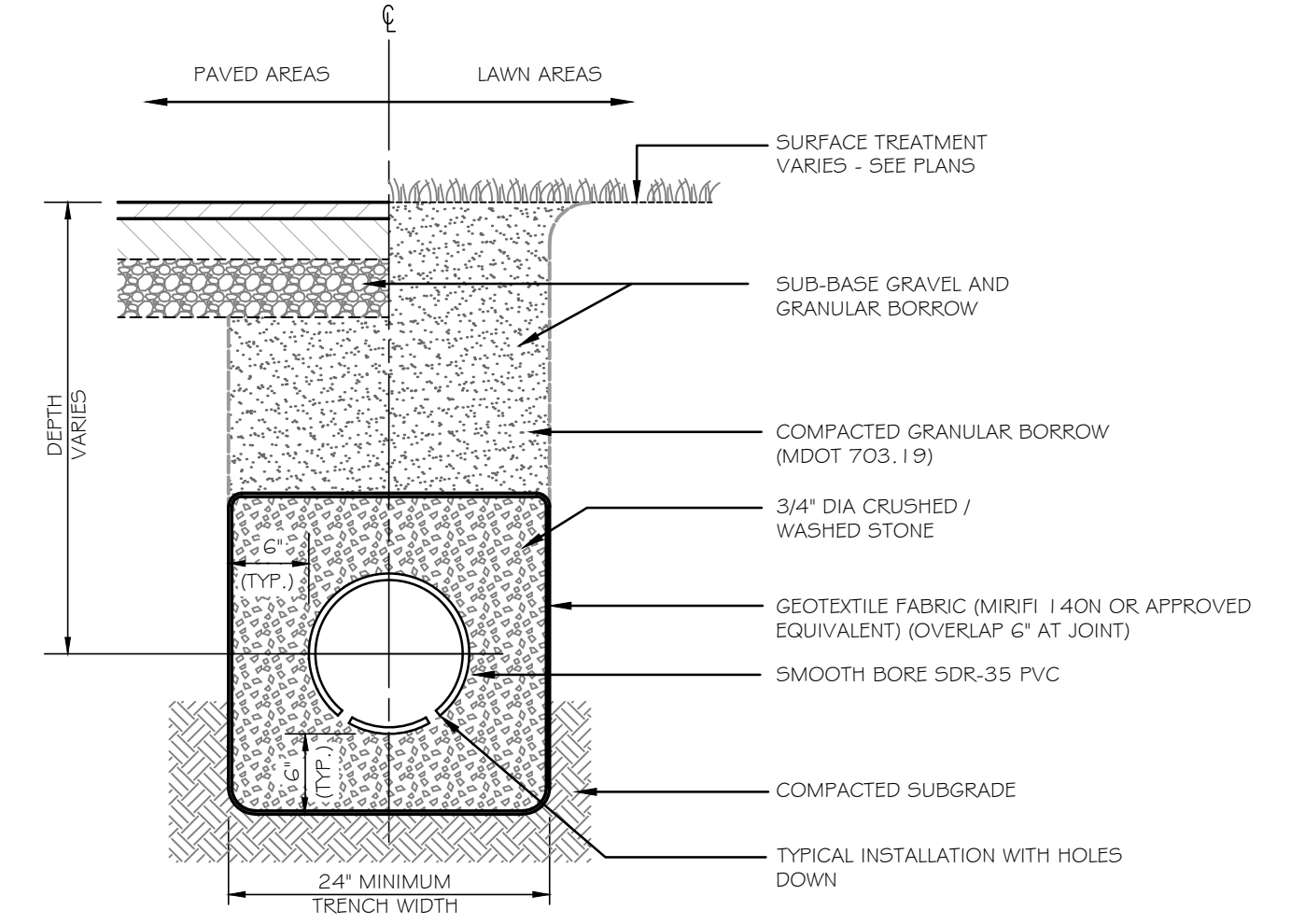
SECTION VIEW

1 GUTTER APRON DETAIL
C403 NOT TO SCALE



- NOTE:
1. ALL ACCESSIBLE PARKING SPACE SIGNS SHALL BE MUTCD R7-8. 'VAN ACCESSIBLE' PLAQUES (MUTCD R7-8P) SHALL BE PROVIDED FOR ALL SPACES WITH AN 8' WIDE (OR WIDER) AISLE. BOTTOM OF SIGNS SHALL BE MIN. 5' ABOVE GRADE.
 2. PAINT ALL PAVEMENT STRIPES AND LINES 4 INCHES WIDE (TYP.)
 3. ALL ACCESSIBLE PARKING SPACES SHALL MEET MOST RECENT ADA STANDARDS FOR ACCESSIBLE DESIGN

2 ACCESSIBLE PARKING STALL DETAIL
C403 NOT TO SCALE



- NOTES:
1. BACKFILL MATERIAL WITHIN TRENCH BEYOND UNDERDRAIN LATERAL LIMITS SHALL, AS A MINIMUM, CONFORM TO THE REQUIREMENTS OF GRANULAR BORROW.
 2. UNDERDRAIN SHALL CONFORM TO THE REQUIREMENTS OF MDOT G05.04, TYPE 'B', EXCEPT AS NOTED.
 3. OUTLETS SHALL BE CONNECTED TO THE STORM DRAIN SYSTEM AS SHOWN ON THE PLANS, OR GRADED BY GRAVITY TO A SUITABLE DISCHARGE POINT.

3 UNDERDRAIN TRENCH DETAIL
C403 NOT TO SCALE

INSTALLATION (1 of 3)

WARNING! DO NOT AIR TEST UNIT OR TELEGLIDE RISER SYSTEM! Doing so may result in property damage, personal injury or death.

LEAK/SEAL TESTING

Cap/plug all base unit plumbing connections and remove covers. For base unit testing fill with water to just above the highest connection. For riser system testing (if required) fill with water to finished grade level. CAUTION: Risers must be supported before filling with water to prevent tipping. Inspect unit, connections and all gaskets and clamps (if applicable) for leaks. Check water level at specific time intervals per local code.

GENERAL INSTALLATION INSTRUCTIONS

Schier grease interceptors are manufactured with an internal flow control system. They do not require an external flow control system or an intake vent. Schier grease interceptors are not to be installed in any other manner except as shown. Consult local codes for separate trapping requirements, clearance locations and additional installation instructions.

1. The flow control plate is not installed on this unit. When the unit is installed 15 feet or more below the fixtures that flow into the unit, or a high flow/increased head pressure condition exists (causing a flow rate above 100 GPM), install the inlet diffuser flow control plate to maintain proper flow rate.
 2. Set unit on level solid surface as close as possible to fixtures.
 3. Connect outlet diffuser to the desired outlet (A,B,C). Unit is shipped with the outlet diffuser in location B and sealing caps on locations A and C.
 4. Connect inlet and outlet drainage lines to unit. Mechanically couple pipes to unit. Do not solvent weld.
 5. For units with cast iron covers, remove retainer clips prior to burial.
- NOTE: Do not install below a hydrostatic slab.

BELOW GRADE INSTALLATION INSTRUCTIONS

EXCAVATION

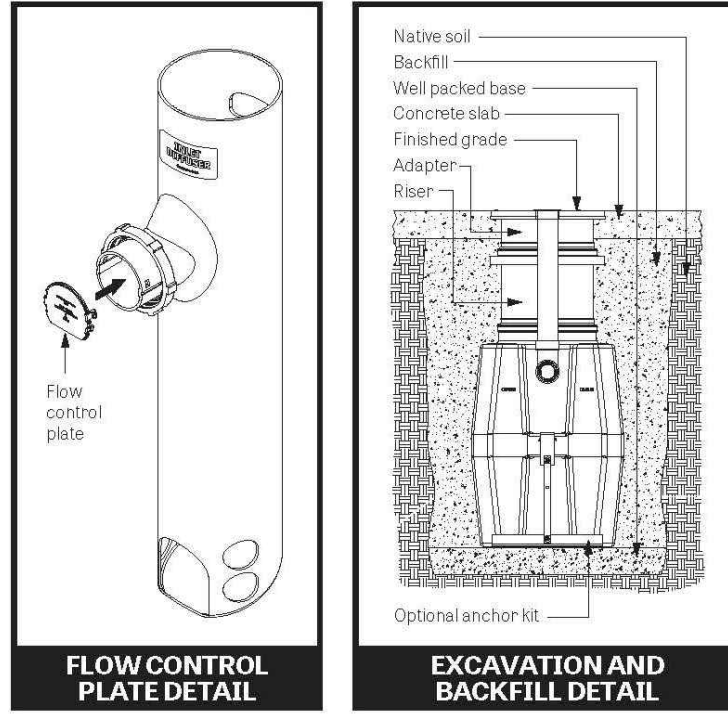
1. Surrounding soil must be undisturbed soil or well compacted engineering fill.
2. Width and length of excavation shall be a minimum of 12" greater than the tank on all sides and depth shall be 6" deeper than tank bottom.
3. Set the tank level on a 6" deep layer of well-packed crushed aggregate material and connect waste piping per General Installation Instructions.

BACKFILL

1. Preparation of subgrade per geotech recommendations.
2. Stabilize and compact subgrade to 95% proctor.
3. Fill unit with water before backfilling to stabilize unit and prevent float-out during backfilling. Secure covers and risers (if necessary) to the unit.
4. Backfill evenly around tank using crushed aggregate (approximately 3/4" size rock or sand, with no fines, or flowable fill. Do not compact backfill around unit.

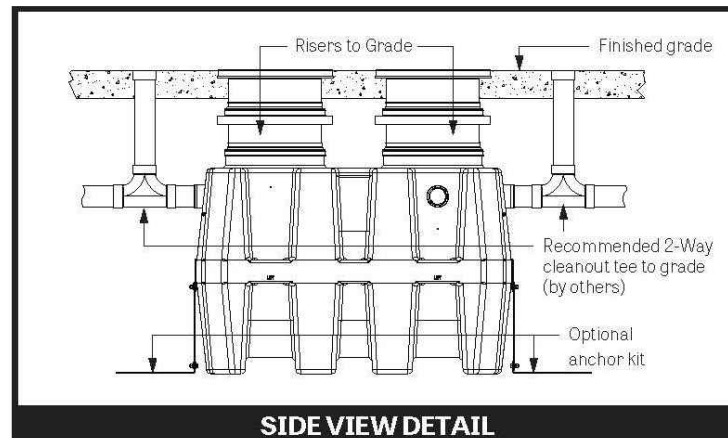
FINISHED CONCRETE SLAB

Slab must extend 18" minimum outside the unit footprint. Pedestrian traffic or greenspace areas: 4" thick reinforced concrete slab required. Vehicular traffic areas: Minimum 8" thick concrete slab with rebar required. Final thickness of concrete around cover to be determined by specifying engineer. If traffic loading is required the concrete slab dimensions shown are for guideline purposes only. Concrete to be 28 day compressive strength to 4,000 PSI. Use #4 rebar in 12" grade 60 steel per ASTM A615; connected with tie wire. Rebar to be 2-1/2" from edge of concrete and spaced in a 12" grid with 4" spacing around access openings.

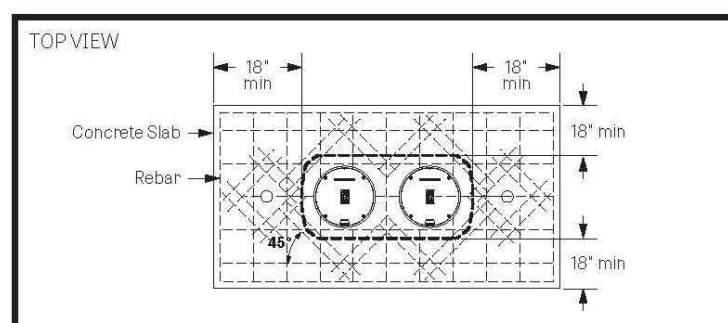


FLOW CONTROL PLATE DETAIL

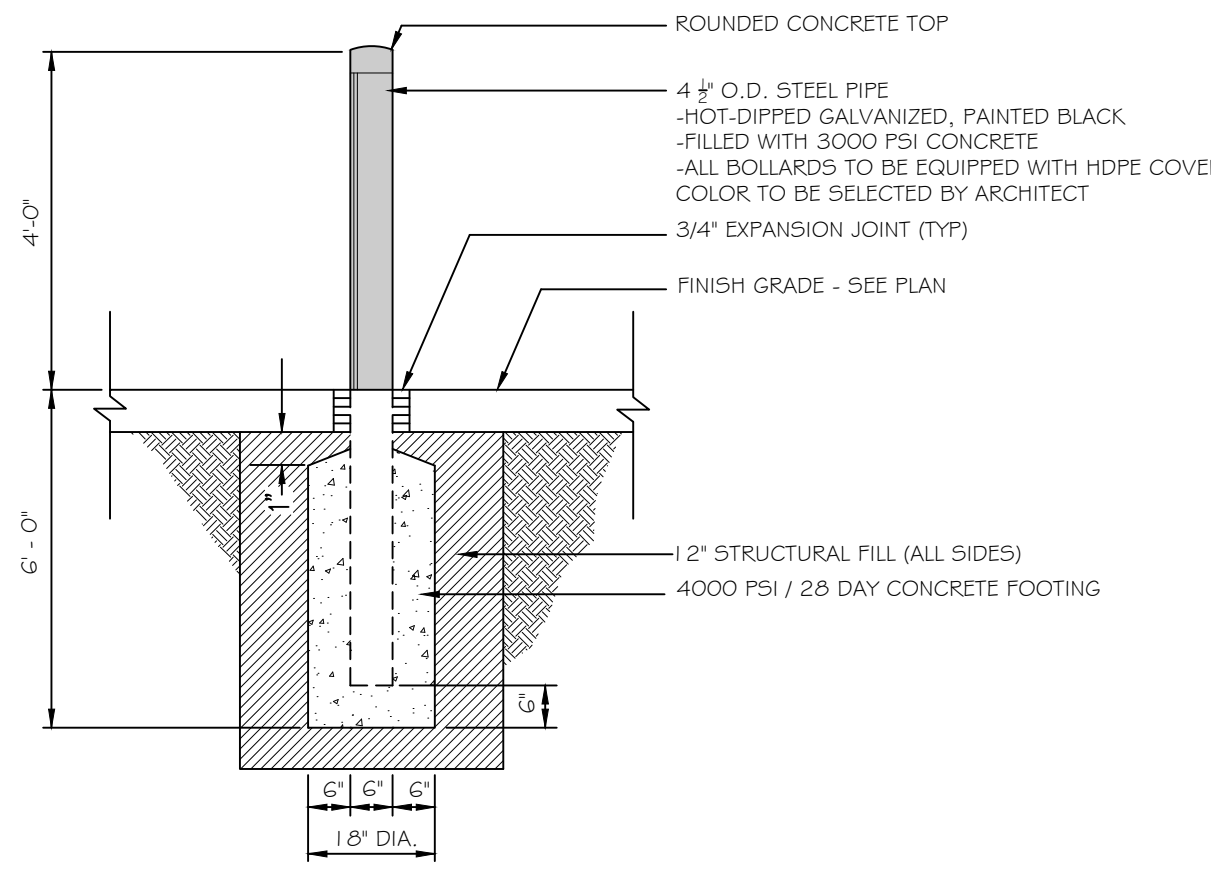
EXCAVATION AND BACKFILL DETAIL



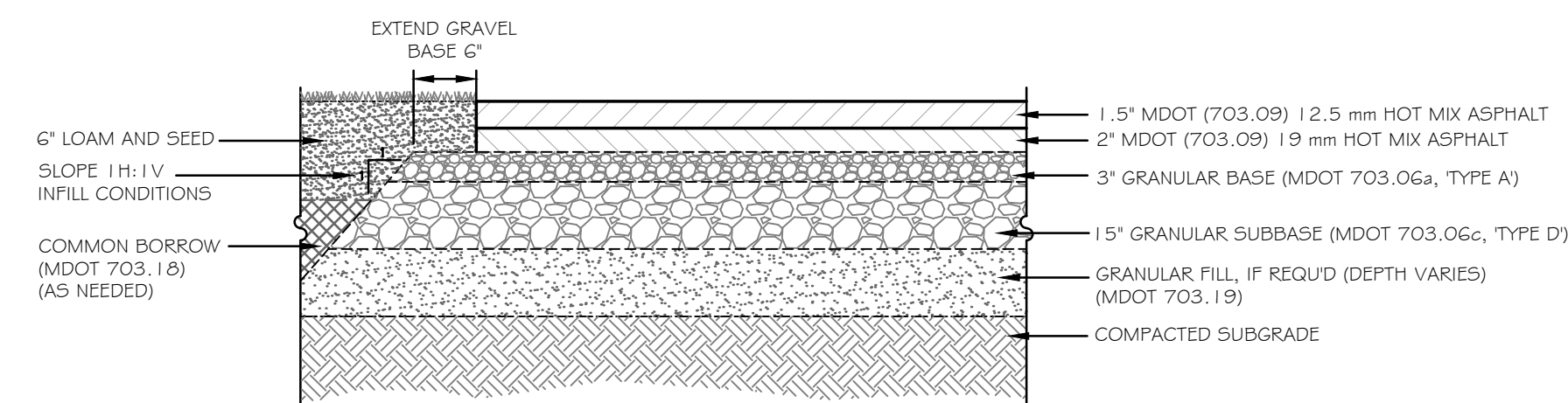
SIDE VIEW DETAIL



CONCRETE SLAB DETAIL (Vehicular Traffic Areas)



5 BOLLARD DETAIL
C403 NOT TO SCALE



6 BITUMINOUS CONCRETE PAVEMENT SECTION
C403 NOT TO SCALE

<p>SCHIER LIFETIME GUARANTEED GREASE INTERCEPTORS</p>	<p>MODEL NUMBER: GB-250</p>	<p>DESCRIPTION: Polystyrene Grease Interceptor 100 GPM - 275 gallon capacity</p>
	<p>PART #: 4055-001300 DWG BY: C. Boyle DATE: 10/08/2015 REV: 0 ECD:</p>	<p>© Copyright 2015 Schier. All Rights Reserved.</p>

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page 3 of 6

4 GREASE TRAP INSTALLATION DETAILS
C403 NOT TO SCALE

REVISIONS	1	2	3	4	5
DOCUMENTS NOT FOR CONSTRUCTION					

