

E:\BRM\BRM-23002042-H060 Execution\65 Drawings\23002042-H0-CS300-RA.dwg

15 April 2025

XREF-CFA-TBLK.dwg - CS301

E

D

C

B

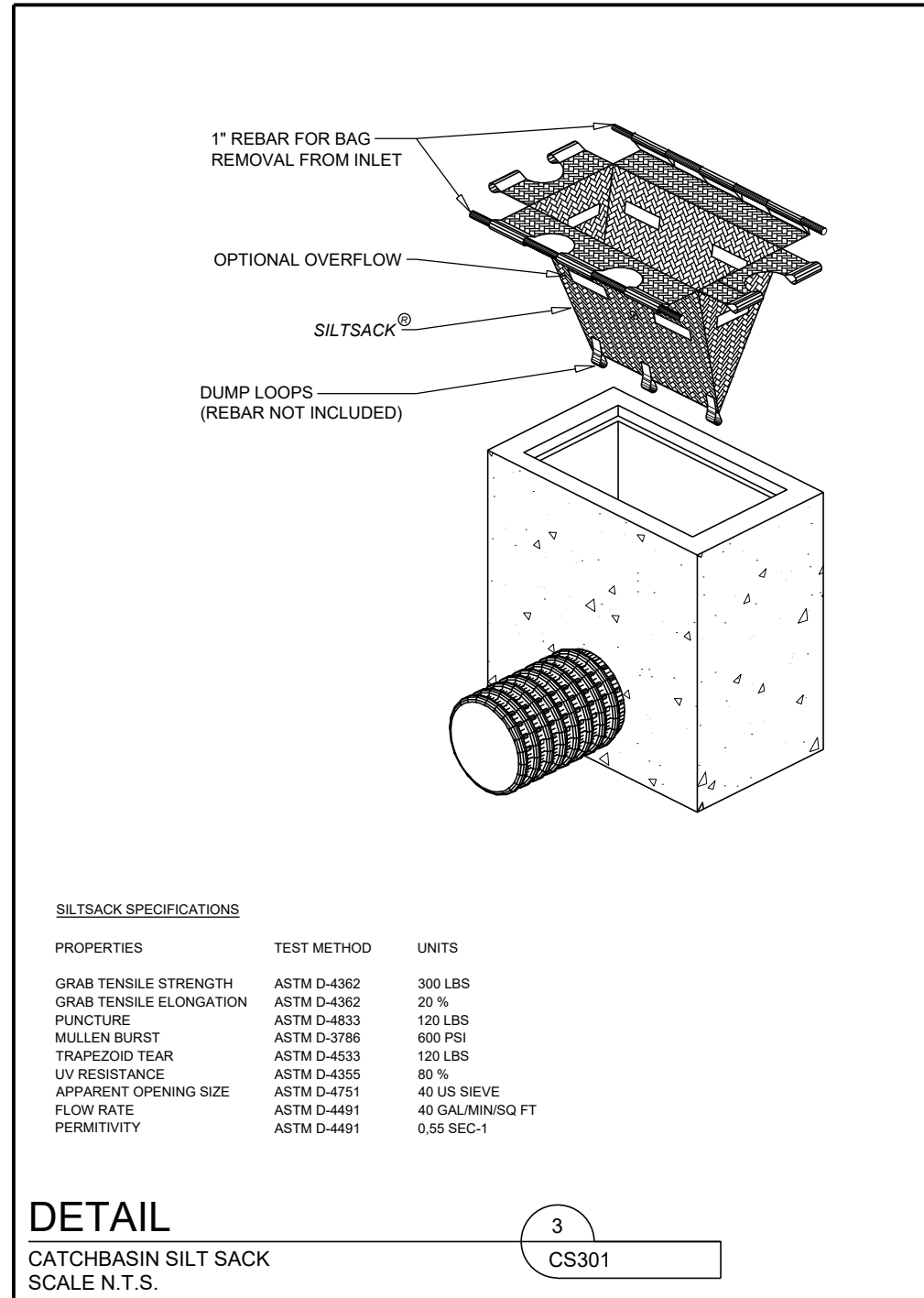
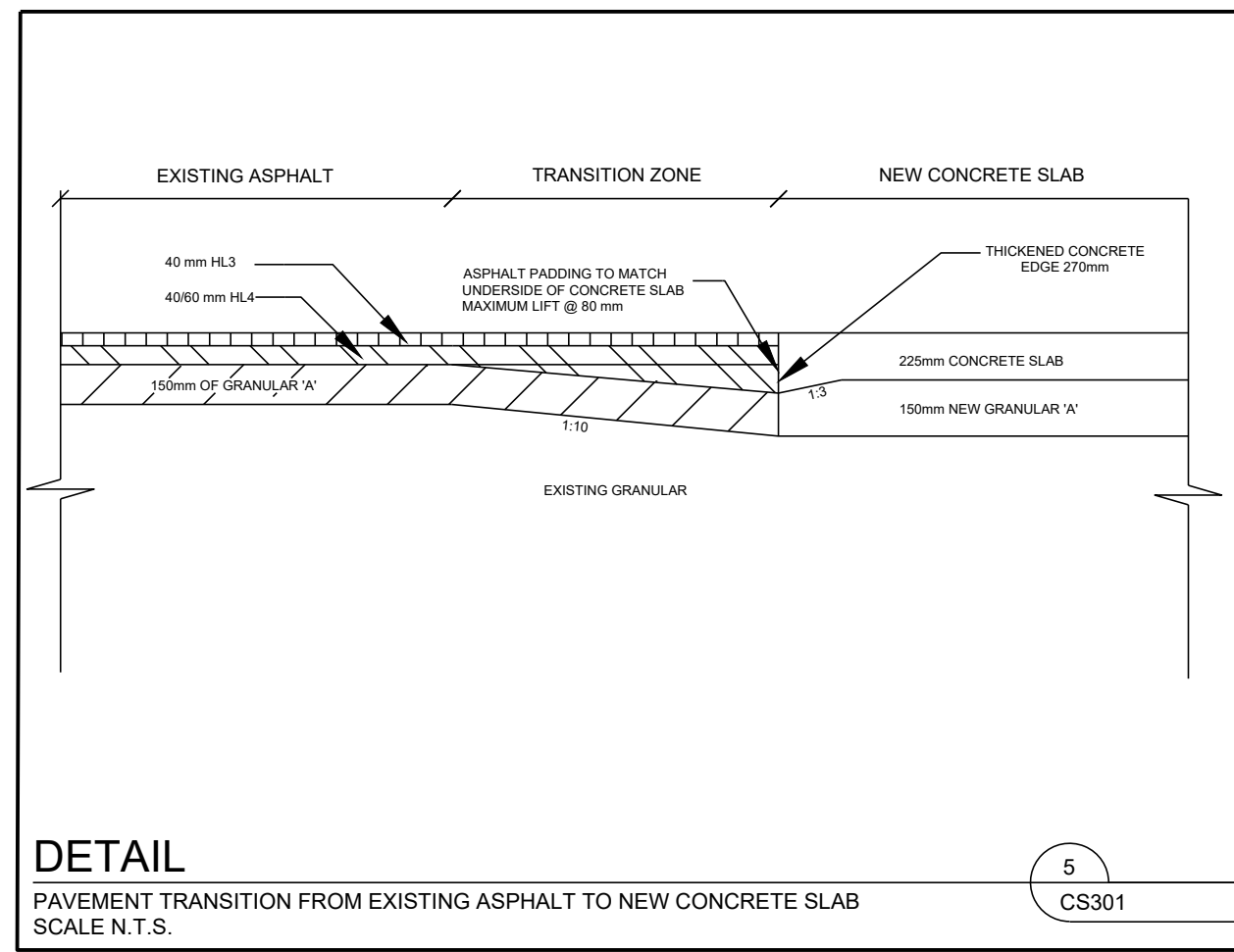
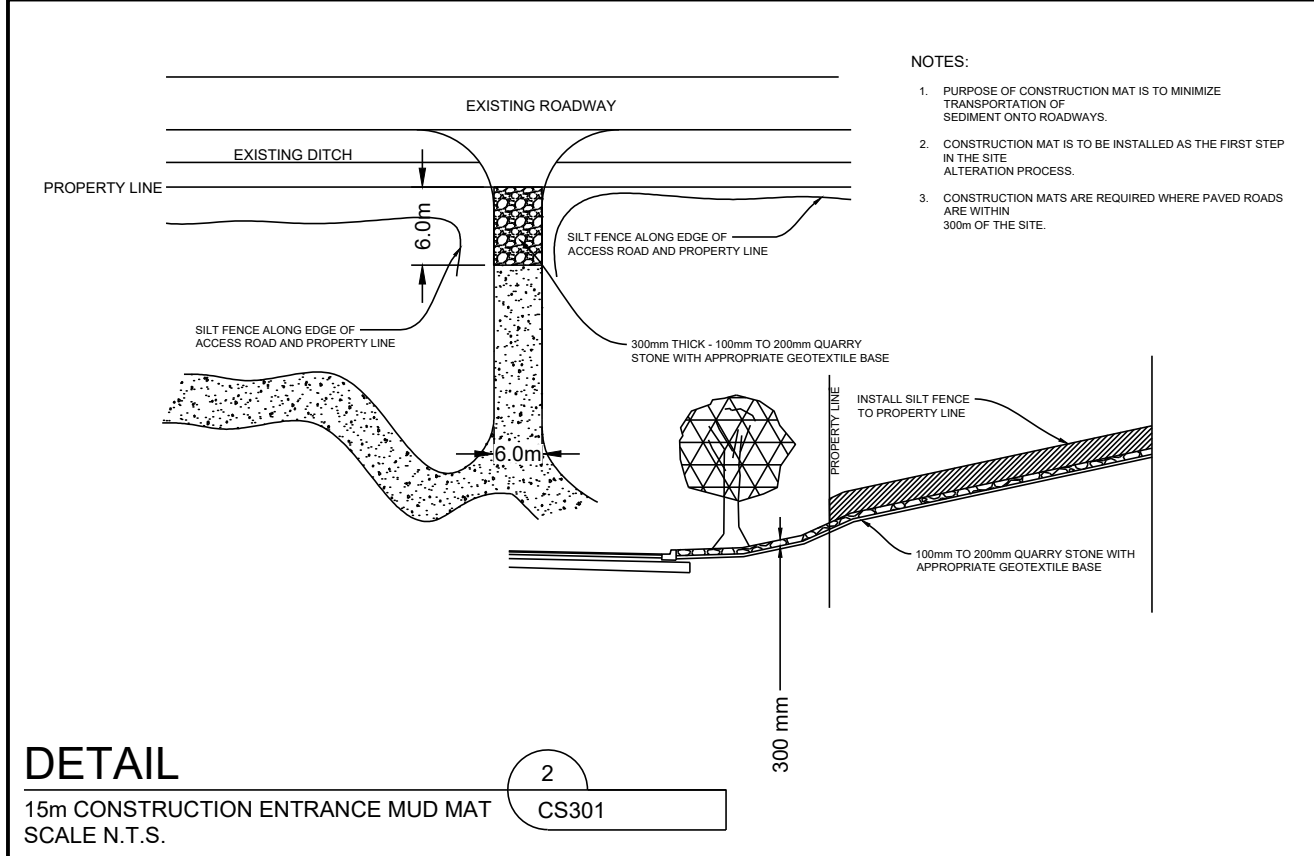
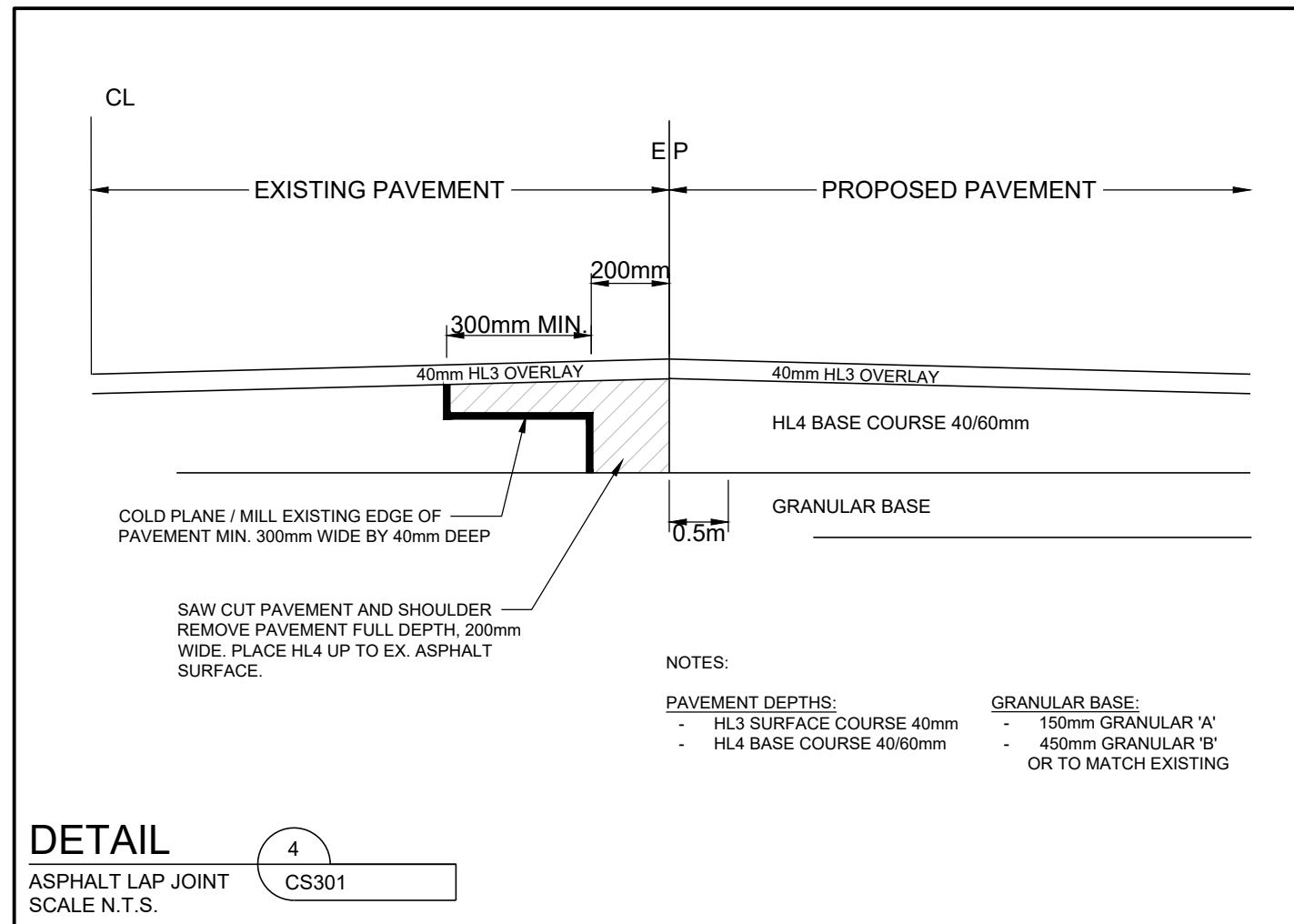
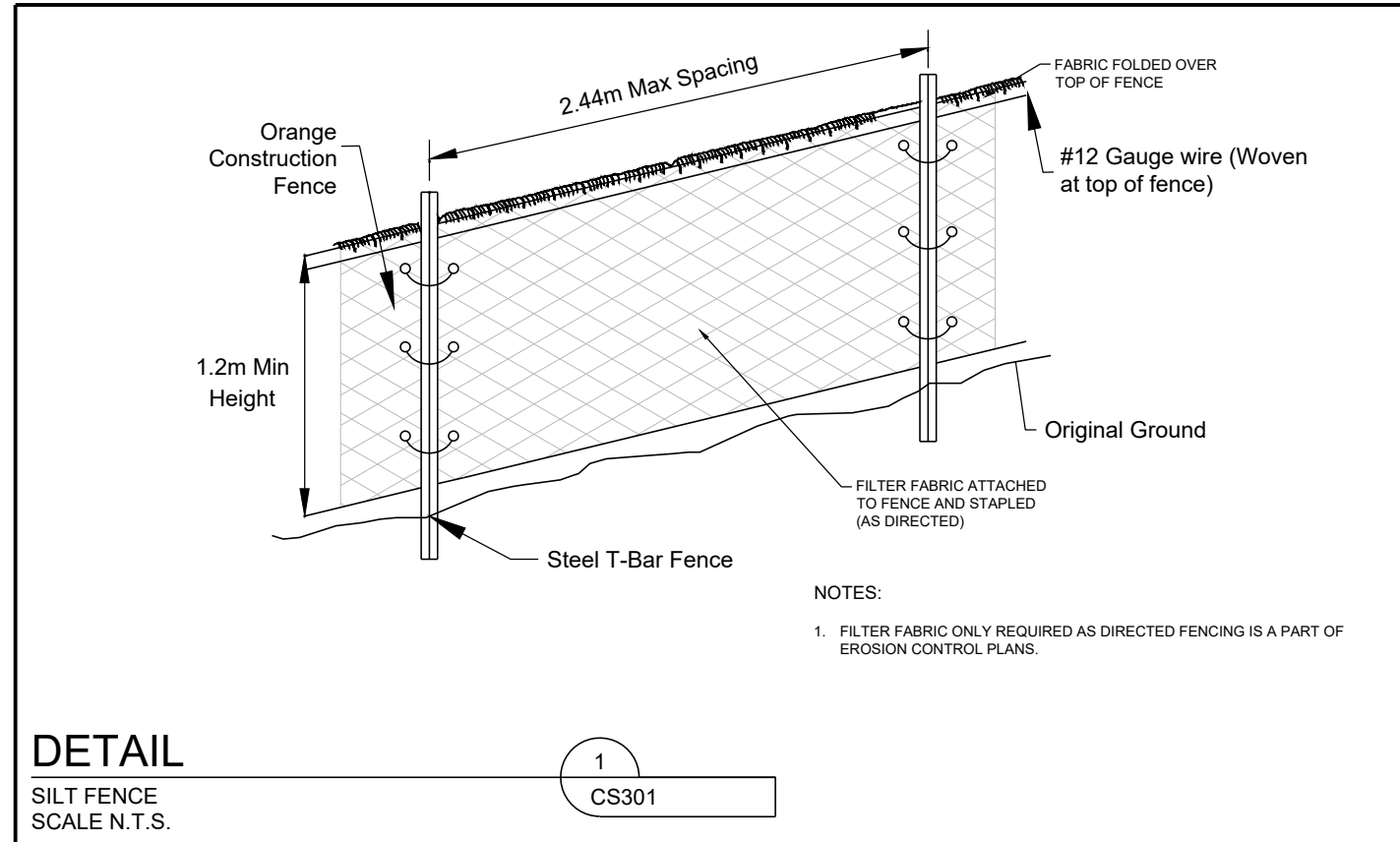
A

4

3

2

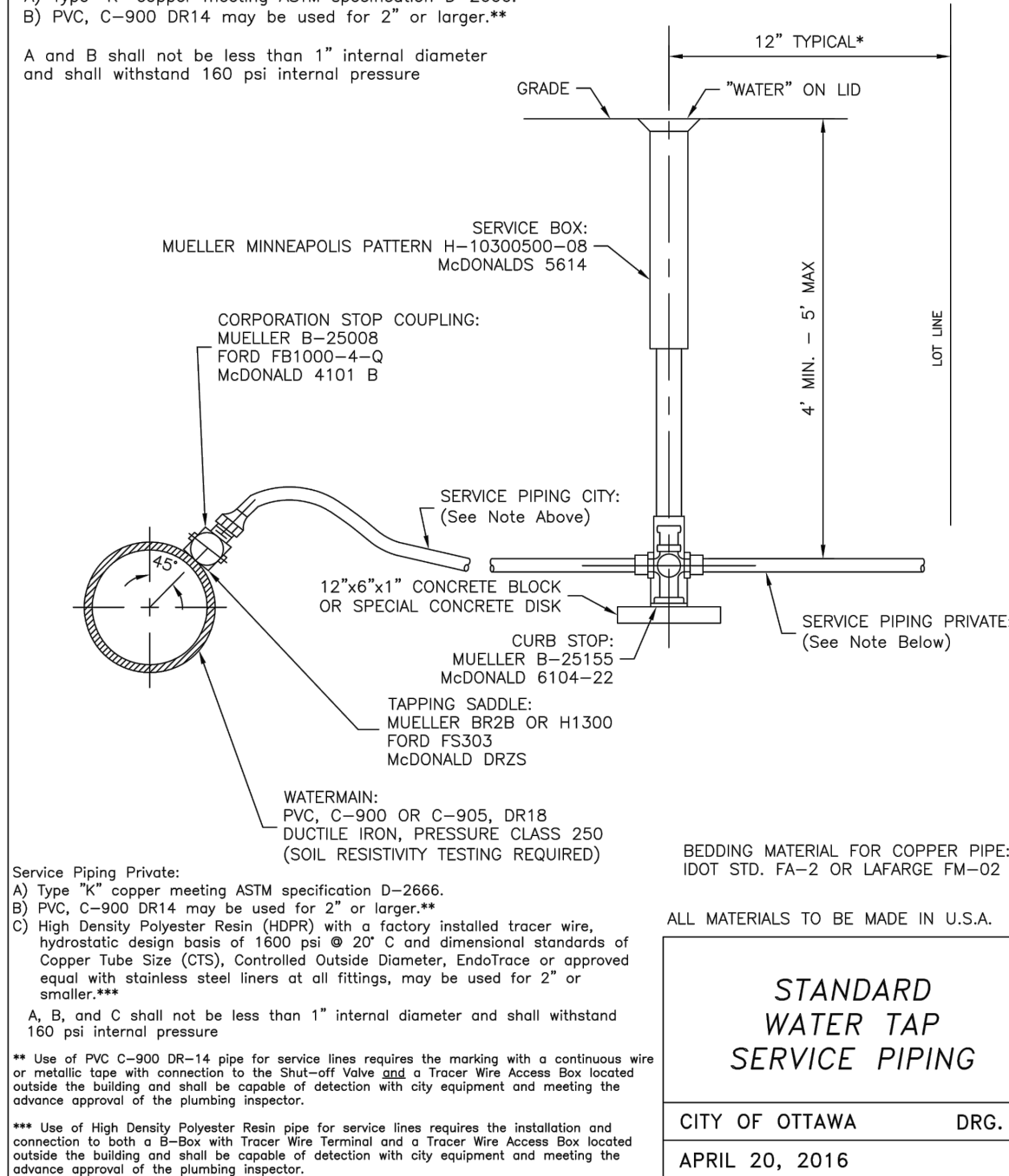
1



\* SERVICE BOXES SHALL NOT BE INSTALLED IN SIDEWALKS OR DRIVEWAYS.  
12" FROM THE STREET SIDE OF THE SIDEWALK OR  
12" FROM THE LOT LINE IN ALLEYS OR WHERE NO SIDEWALK EXISTS

Service Piping City:  
A) Type "K" copper meeting ASTM specification D-266.  
B) PVC, C-900 DR14 may be used for 2" or larger.\*\*

A and B shall not be less than 1" internal diameter and shall withstand 160 psi internal pressure

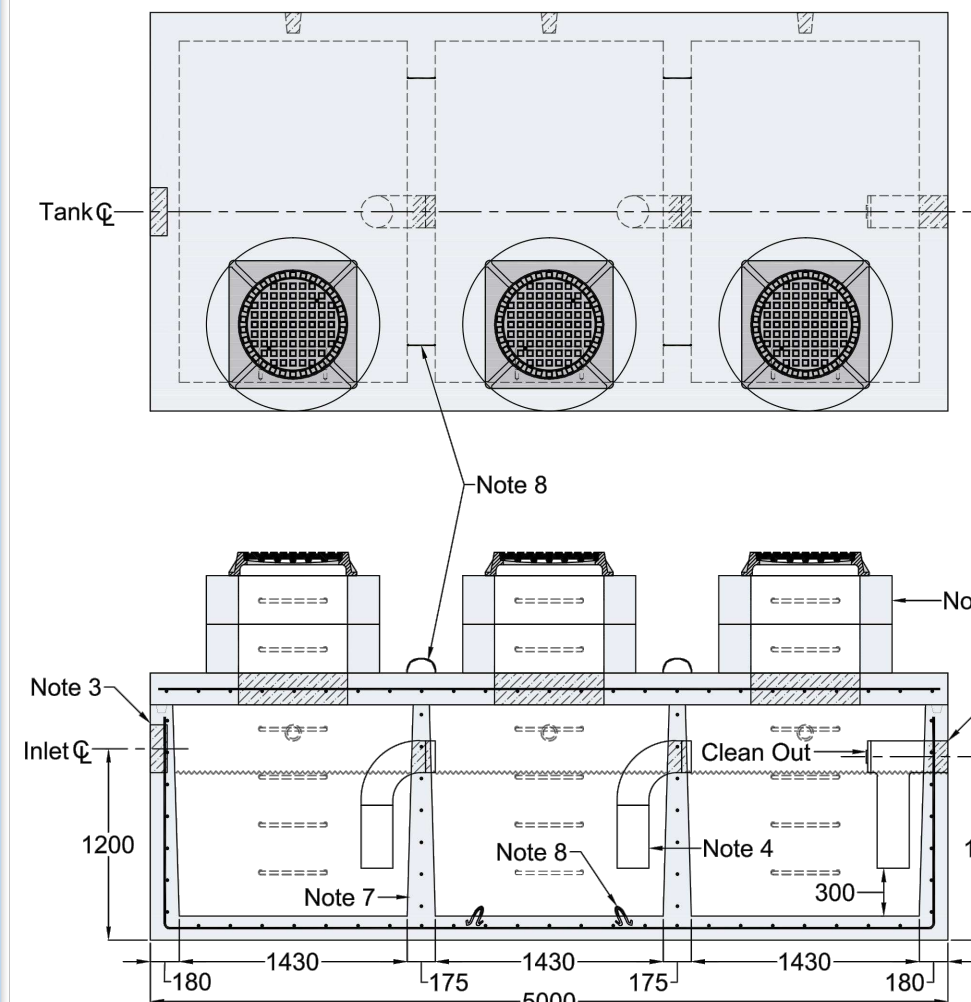


### PRECAST OIL INTERCEPTOR MODEL 12.5

**CONSTRUCTION DETAILS:**  
Concrete: 50 MPa High Density Concrete at 28 Days, 5 to 8% Air Entrainment. (Highly Resistant to Oil Absorption)

**Reinforcing:** 15M bars at 200mm centres each way in top slab. 15M bars at 200mm centres each way in walls and floor; horizontally in partitions. Eight extra 15 M bars around roof access openings. Minimum cover over reinforcing steel - 25 mm.

Maximum Flow Rate: 275 Litres Per Minute for the separation of unemulsified oil.



\*Product designed for a Maximum 2 Metre burial in firm soil under an area of occasional or intermittent vehicle traffic. Please consult with the factory before specifying this product for use in an area of heavy wheel loading.

**WARNING! IMPROPER INSTALLATION ESPECIALLY IN UNSTABLE SOIL CAN RESULT IN THE STRUCTURAL FAILURE OF THIS PRODUCT**

For recommended installation procedures refer to Wilkinson Installation Guidelines.

FEBRUARY 22, 2018

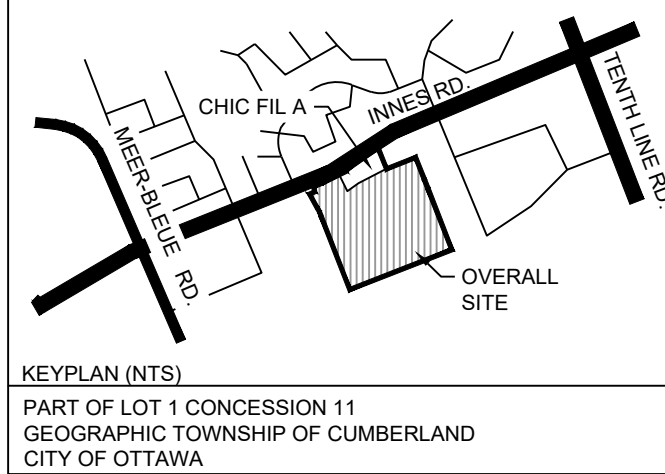
**WILKINSON HEAVY PRECAST**  
WWW.WILKINSONHEAVYPRECAST.COM  
DUNDAS, ONTARIO 1-800-263-8503

**TOTAL INTERNAL CAPACITY:**  
Wet & Dry Storage - 12.5 Cubic Metres  
**WEIGHT:**  
Top Slab - 6,000 kg  
Tank Section - 13,800 kg  
Total - 19,800 kg

**NOTES:**  
1. Standard access openings are 685mm diameter.  
2. Typical precast concrete access extension with cast iron closed pattern manhole frame and cover shown here. Please see access riser & access cover sections for available options.  
3. Inlet knockout suitable for grout connection of max 200mm dia PVC pipe.  
4. Internal Baffles are 200mm dia galv steel installed at the factory (PVC opt).  
5. Solvent weld outlet port accommodates 200mm diameter PVC pipe.  
6. GROUT connection points for Vents optional.  
7. The partitions are cast monolithically with the walls and floor.  
8. Top slab/bottom section lifting points - four places each.  
9. Aluminum ladder rungs - OPSD 405.010 to the floor in each chamber.  
10. Oil resistant mastic sealant for all tank joints plus primer & mastic band supplied loose for application on-site by the installer.

• Consult the factory regarding various configuration options.  
• This Interceptor is NOT intended for use in Stormwater Applications.  
• Flow rate shown is based on the influent being water and free oil at a temp of 15° Celcius with oil droplets having a specific gravity of 0.9 and greater than 100 microns in size.

Dimensions in mm  
N.T.S.



E

D

C

B

A



**Chick-fil-A**

**Chick-fil-A**  
5200 Buffington Road  
Atlanta, Georgia 30349-2998

**exp Services Inc.**  
T: +1.905.793.8800 | F: +1.905.793.0641  
1595 Clark Boulevard  
Brampton, ON L6T 4V1  
Canada  
www.exp.com



• BUILDINGS • EARTH & ENVIRONMENT • ENERGY •  
• INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY



**CHICK-FIL-A**  
**ORLEANS**

4280 Innes Road  
Ottawa, ON

**FSR#30042**

BUILDING TYPE / SIZE: IP01 SE  
RELEASE: XXXXXXXX

**REVISION SCHEDULE**  
NO. DATE DESCRIPTION  
A 2024-10-04 FOR SPA  
B 2025-01-23 FOR SPA  
C 2025-04-15 FOR SPA

CONSULTANT PROJECT # BRM0023002042-H0  
PROJECT STATUS SPA  
DATE OCTOBER 2024  
DRAWN BY K.J.

Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.  
SHEET  
DETAILS

SHEET NUMBER

**CS301**

City File: D07-12-24-0131 & Plan: 17597