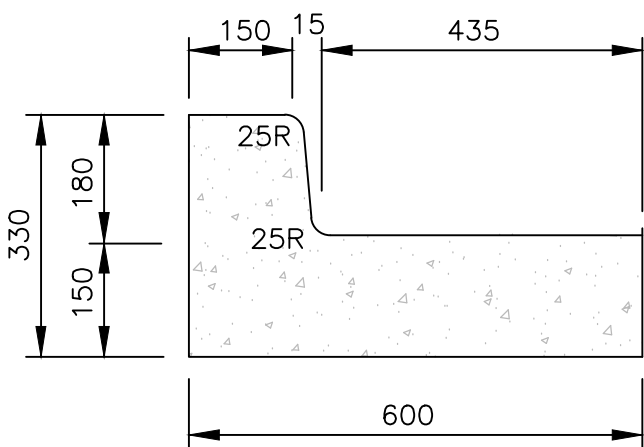
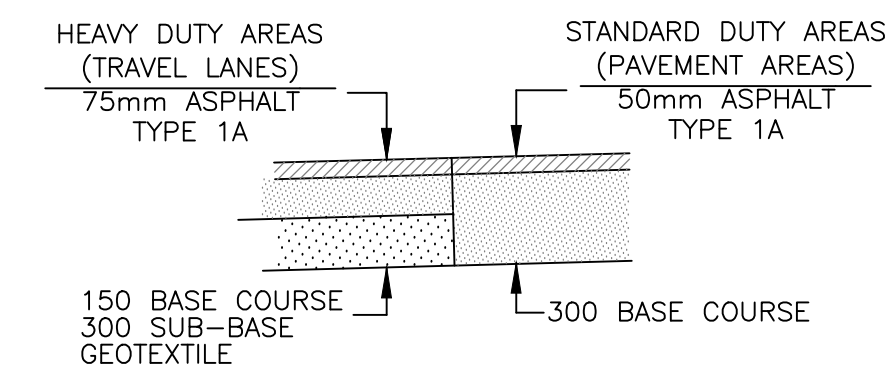
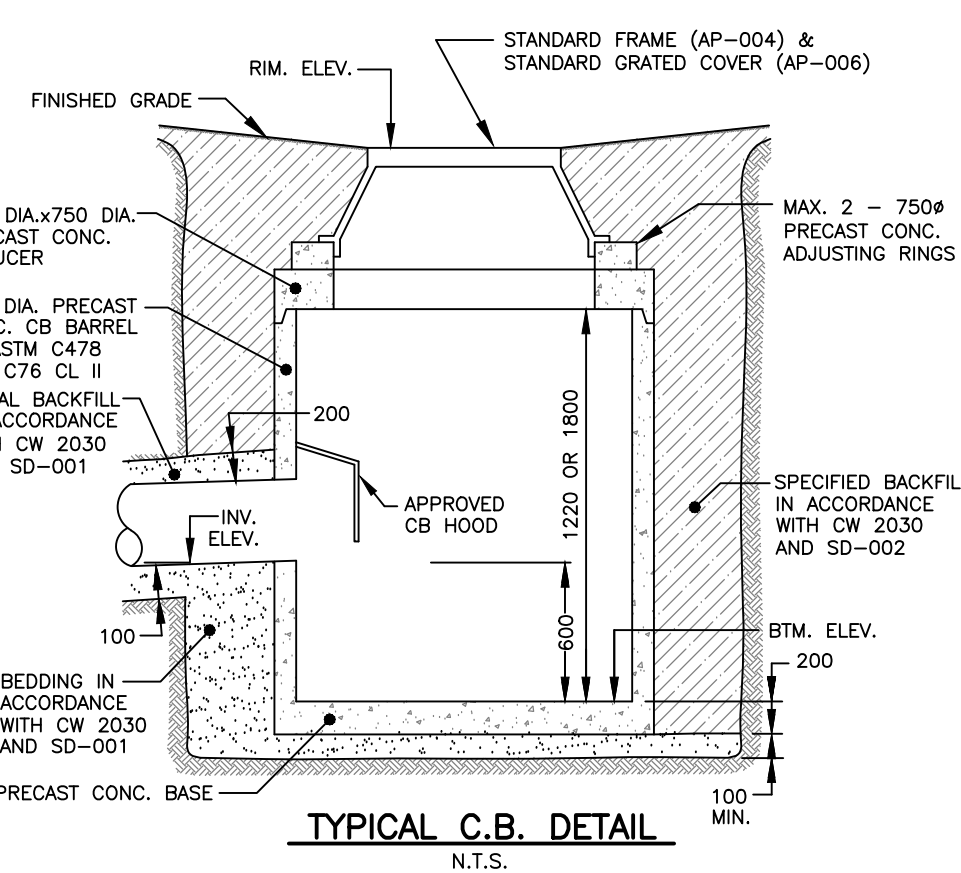
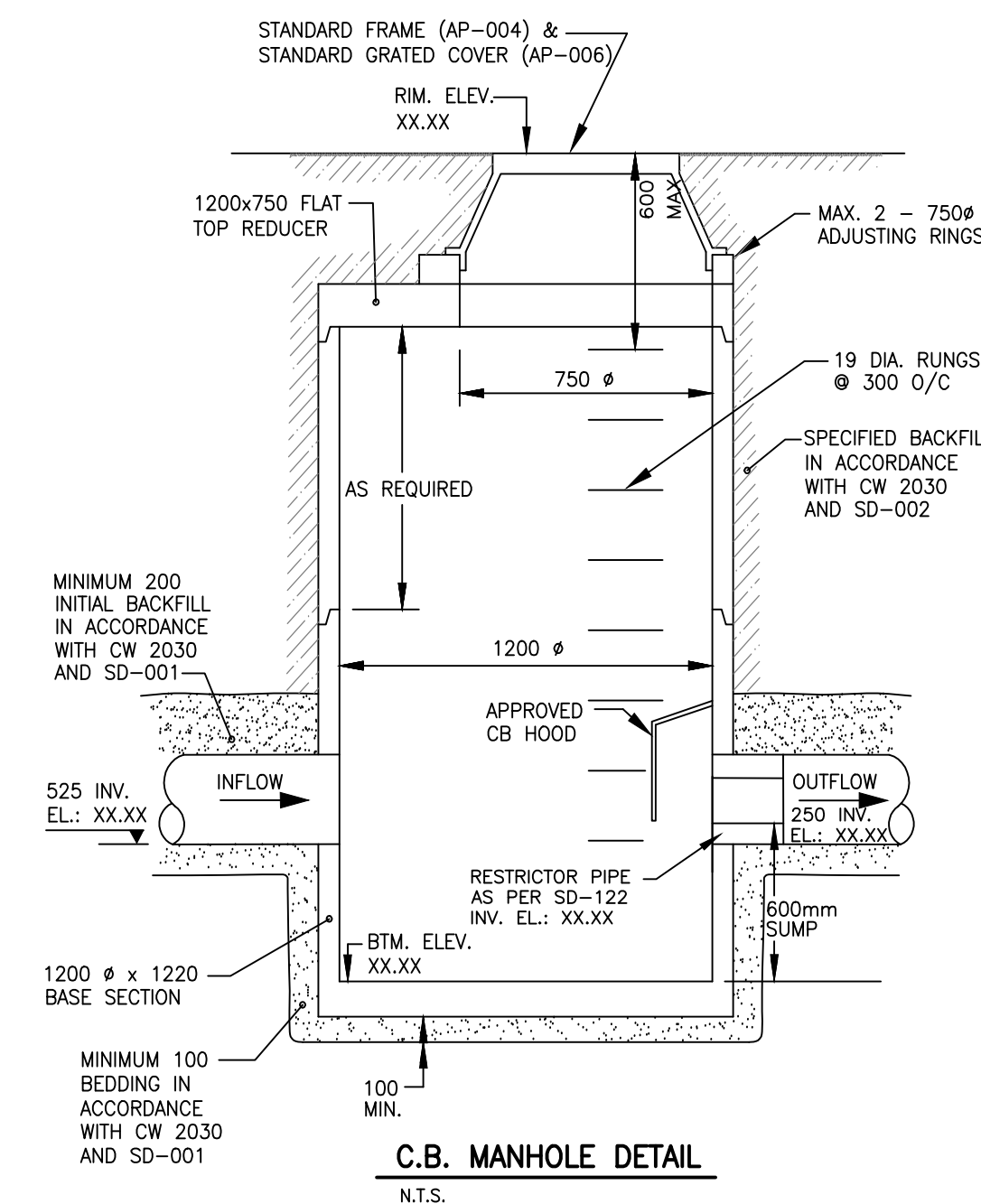




SECTION A-A
BARRIER CURB & GUTTER DETAIL
N.T.S.



TYPICAL ASPHALT PAVEMENT SECTION
N.T.S.
NOTE: SEE LANDSCAPE DRAWING L-100
FOR PARKING LOT SITE MATERIALS



ITEM	TOTALS
A - ha (DRAINING INTERNALLY)	1.49 / 0.603
TOTAL IMPERVIOUS AREA - A / ha	1.05 / 0.424
TOTAL PERVIOUS AREA - A / ha	0.44 / 0.179
C - ALLOWABLE COEFF.	0.6
Q _s - CFS / CMS	3.85 / 0.109
TOTAL SITE STORAGE REQUIRED - m ³	87
STORAGE AVAILABLE - m ³ (W/O ROOF STORAGE)	72
STORAGE AVAILABLE - m ³ (W/ ROOF STORAGE)	87

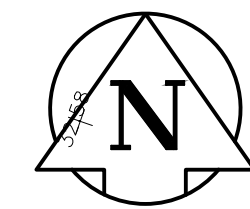
$$I_5 = 4.31 \text{ FOR } T_c = 10 \text{ MIN}$$

B.M. ELEV.	---	---
---	WATERMAIN	---
---	HYDRANT	---
---	VALVE	---
---	LAND DRAINAGE SEWER	---
---	WASTE WATER SEWER	---
---	WM SERVICE	---
---	W.W.S SEWER SERVICE	---
---	SUMP PUMP DISCHARGE	---
---	MANHOLE	---
---	CATCH BASIN	---
---	PAVEMENT	---
---	ELEVATION	---
---	25YR FLOOD LEVEL	---
---	LEGEND - PLAN	---
---	PROPOSED	---

CONSTRUCTION NOTES

- USE GRANULAR BACKFILL FOR ALL UNDERGROUND WORKS INSTALLED UNDER PROPOSED PAVEMENT.
- SEWERS TO BE PVC SDR 35.
- MAINTAIN 2.40 OF COVER ON WATERMAIN.
- WATER METER LOCATION/INSTALLATION REQUIREMENTS AS PER SD-027.
- ALL WATER LINES TO BE PRESSURE TESTED AND CHLORINATED PRIOR TO TURN ON IN ACCORDANCE WITH CW 2125.
- ALL SEWER SERVICES TO BE 150mm UNLESS OTHERWISE SHOWN.
- PIPE INSTALLED UNDER EXISTING PAVEMENT TO BE AUGERED.
- ALL CURB TO BE 150 CURB AND GUTTER UNLESS OTHERWISE SHOWN.
- REFER TO LANDSCAPE DRAWING L-200 FOR PROPOSED SITE GRADING.
- ALL WORK TO CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



WATER AND WASTE CAUTION: FEEDERMAIN

CONTACT THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT'S CONSTRUCTION SERVICES COORDINATOR AT 204-986-4289 7 DAYS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR AN INSPECTION.

PRIOR TO ANY CONSTRUCTION, THE FEEDERMAIN MUST BE EXPOSED BY A SOFT DIG METHOD SO AS TO CONFIRM DEPTH LOCATION.

A MINIMUM CLEARANCE OF 1.0 METER MUST BE PROVIDED BETWEEN THE UNDERSIDE OF THE EXISTING FEEDERMAIN AND THE TOP OF THE PROPOSED WORKS. THIS INSTALLATION BY TRENCHLESS METHOD ONLY.

A SHAFT MUST BE EXCAVATED BY SOFT DIG METHODS 4.0 METERS FROM THE CENTERLINE OF THE FEEDERMAIN TO CONFIRM THE ALIGNMENT AND ELEVATION OF THE DRILLING ROD BEFORE IT CROSSES UNDER THE FEEDERMAIN. THIS CONFIRMATION MUST BE WITNESSED BY A CITY REPRESENTATIVE.



1 2017.02.17 ISSUED FOR CONSTRUCTION
No. DATE REVISION / ISSUANCE



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SITE SERVICING AND GRADING PLAN

Project No. 151-07204-00

C-100