

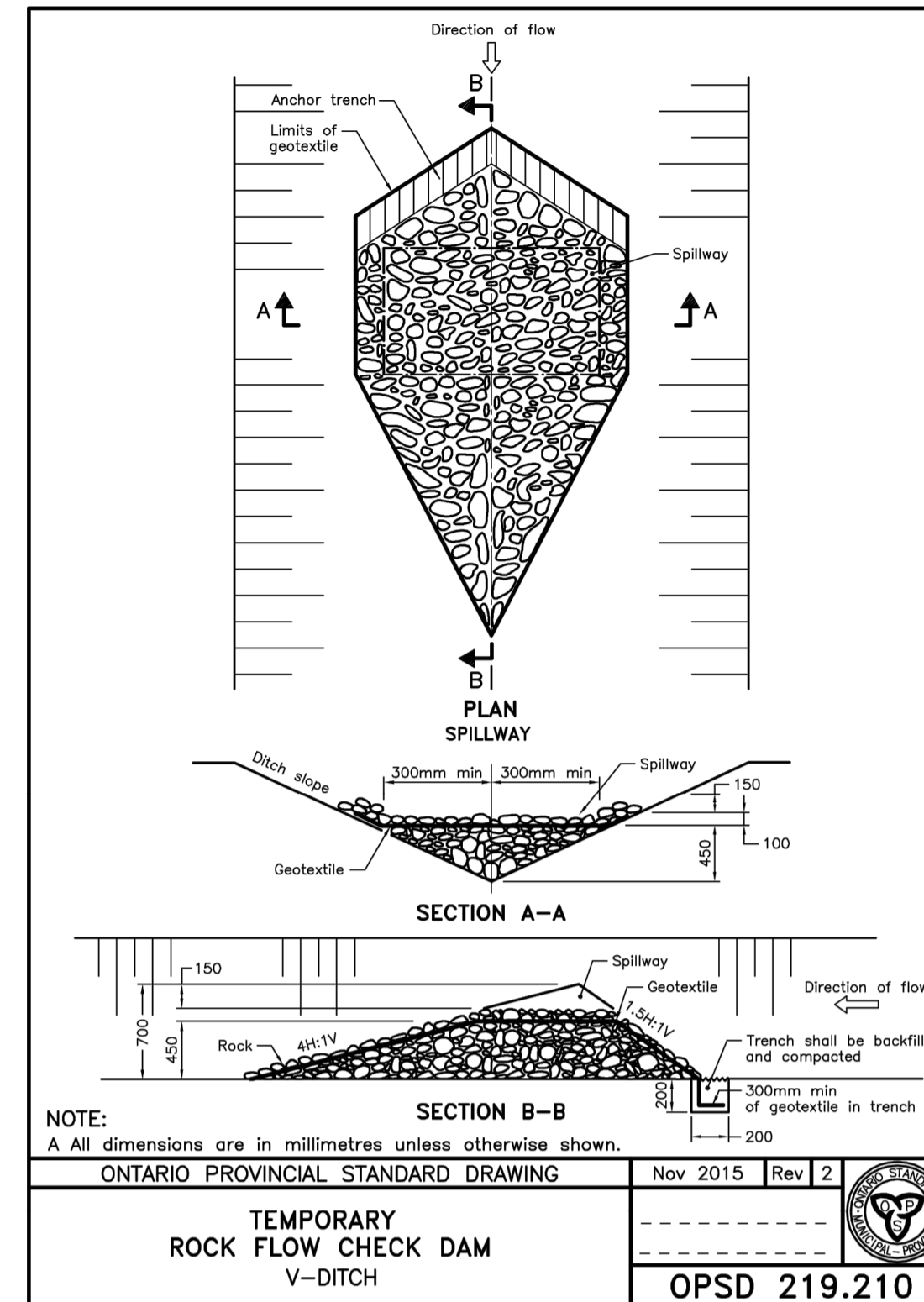
City of
PICKERING Erosion and Sediment Control General Notes

- Prior to commencement of any on-site work/topsoil stripping, erosion and sediment control (ESC) measures, as per approved Erosion & Sediment Control Plan, must be installed to prevent surface runoff from leaving the site "untreated". All ESC measures are to be maintained until the site has been stabilized.
- The contractor shall be responsible for the proper installation, maintenance and removal of all temporary erosion and sediment control measures during construction, as directed by the Engineer or the City of Pickering.
- Sediment control fence to use geotextile with weave density of 270R terrafix or equivalent.
- All exposed soils shall be immediately stabilized as directed by the Engineer or City of Pickering.
- Check dams are to be used in any temporary drainage swales required during the construction period.
- Additional erosion and sediment control measures may be required and shall be determined by the Engineer or the City of Pickering.
- All swales are to be stabilized prior to use.
- Inspection of the proposed erosion and sediment control measures will occur on a weekly basis, after rainfall events exceeding 10mm or after rapid snow melt events and daily during extended rain or snow melt periods. The silt control fence must be inspected for rips or tears, broken stakes, blow outs and accumulation of sediment. The silt control fence must be fixed and/or replaced immediately when damaged. Accumulated sediment must be removed from the silt control fence when accumulation reaches 50% of the height of the fence.
- Rock check dams are to be cleaned of all accumulated sediment as soon as sediment has accumulated to a depth greater than 50% of all the upstream check dams.
- Cleaning and repair of mud mats and any other temporary sediment control measures shall be done as necessary through regular inspection or as directed by the Engineer or City of Pickering. All damaged ESC measures shall be repaired and/or replaced within 48 hours of the inspection.
- Materials to repair damaged ESC measures must be kept on-site at all times.
- The ESC strategies on these plans are not static and may need to be upgraded/amended as site conditions change to prevent sediment releases. Failed ESC measures must be repaired immediately.

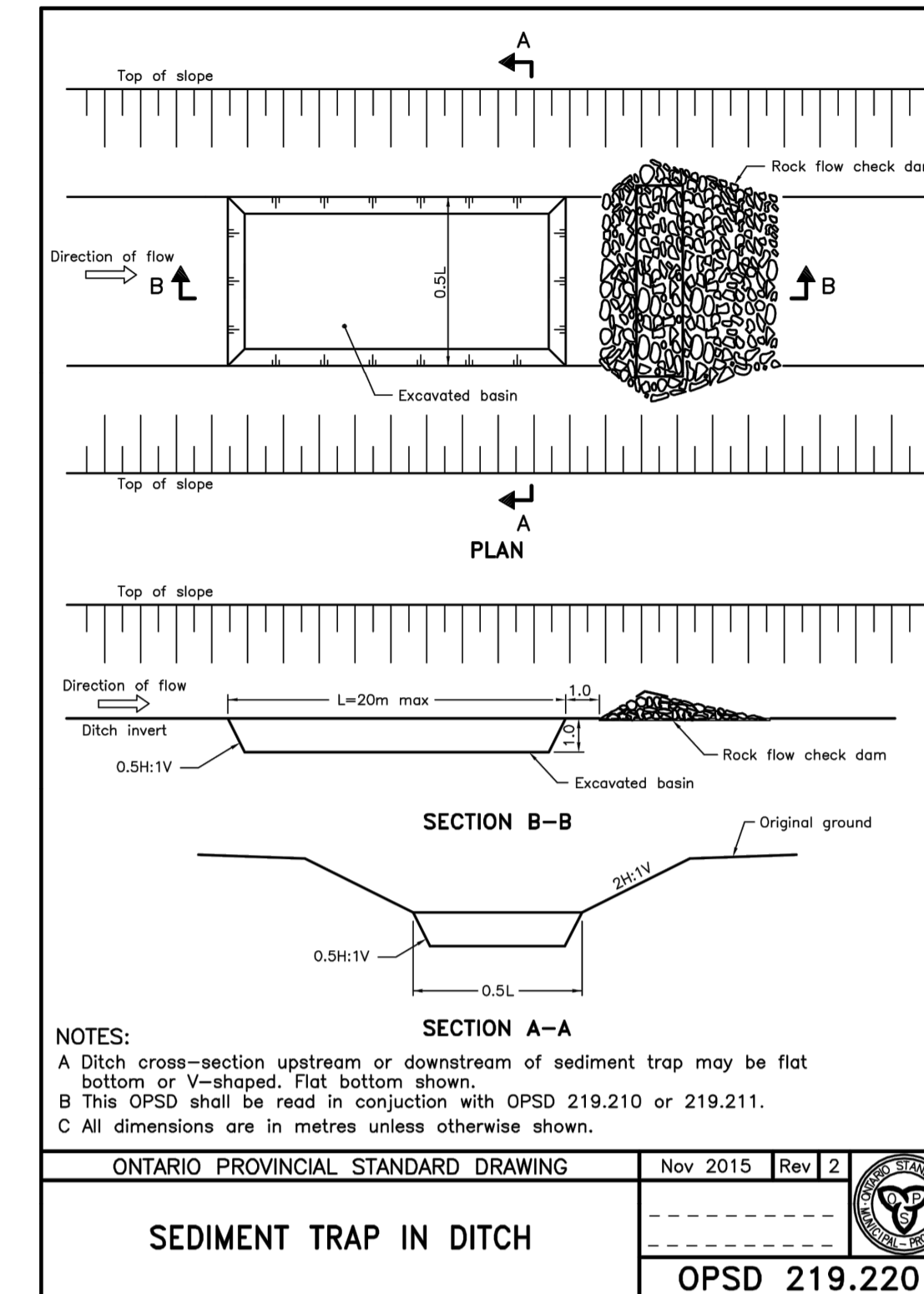
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- No construction activity or machinery shall intrude beyond the silt control fence or limit of development. All construction vehicles shall leave the site at designated locations as shown on the plans. All materials and equipment shall be stored on site in a designated area. No materials or equipment shall be stored on the Municipal right of way. No construction vehicles will park on Municipal roads.
- Servicing of construction equipment on site is prohibited.
- The contractor must clean adjacent roads on a regular basis. The road shall be, at a minimum scraped daily and flushed (if necessary) on Friday evenings or Saturday mornings.
- Dust control to be reviewed daily. Water truck or calcium chloride is to be provided on-site and haul roads/working areas are to be treated as required to ensure that dust is controlled on-site.
- At the end of construction period, accumulated sediment is to be removed off site prior to the removal of the silt fence.
- All litter and debris shall be monitored and disposed of daily or as necessary through regular inspection.
- All topsoil stockpiles shall be surrounded with sediment control fence and stabilized with seed mix as per this drawing.
- Disturbed areas are to be minimized to the extent possible and stabilized as the work progresses. Any area exposed for more than 30 days will be stabilized.

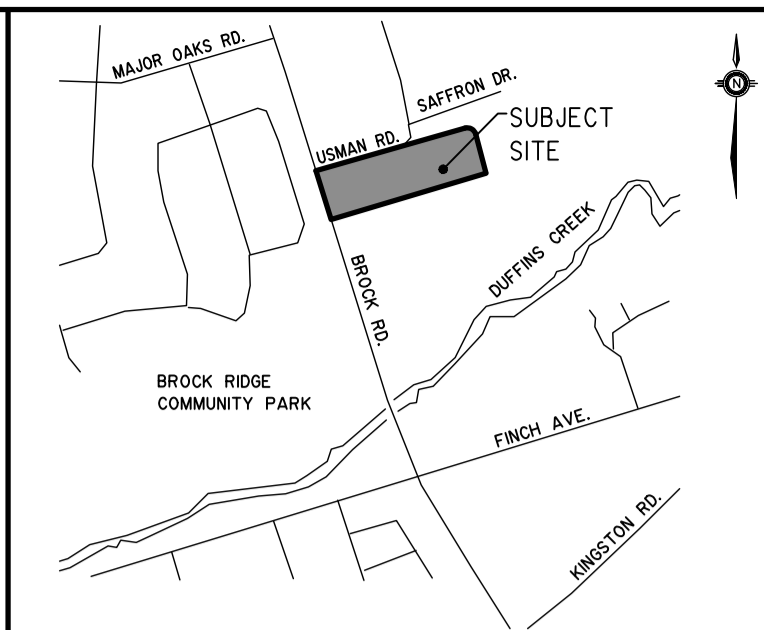
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ONTARIO PROVINCIAL STANDARD DRAWING Nov 2015 Rev 2
TEMPORARY ROCK FLOW CHECK DAM V-DITCH
OPSD 219.210



ONTARIO PROVINCIAL STANDARD DRAWING Nov 2015 Rev 2
SEDIMENT TRAP IN DITCH
OPSD 219.220



KEYMAP N.T.S.

APPROVED BY: _____ P.ENG.
ENGINEERING SERVICES DEPARTMENT
APPROVAL TO WORKS REQUIRED BY THE CITY OF PICKERING AND AS DEFINED IN THE SUBDIVISION AGREEMENT. THE CITY IS RELYING ON THE TECHNICAL SKILLS AND ABILITY OF THE P.ENG. SEALING AND SIGNING THIS DRAWING.

APPROVED APPROVAL OF THE REGIONAL WORKS DEPT. FOR THE PURPOSES DESCRIBED IN THE APPLICABLE REGIONAL SUBDIVISION OR SERVICING AGREEMENT. THE REGION IS RELYING ON THE TECHNICAL SKILL AND ABILITY OF THE P. ENG. SEALING AND SIGNING THE DRAWINGS.

BENCHMARK:
CITY OF PICKERING, BENCH MARK No. 2-035
ELEVATION 85.465m

NOTE: ALL DIMENSIONS AND ELEVATIONS IN METRES UNLESS NOTED OTHERWISE. ALL PIPE SIZES IN MILLIMETRES.

1.	ISSUED FOR CONSTRUCTION	KLD	AUG/06/19
No.	REVISIONS TO DRAWING	BY	DATE

ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED

CLIENT
BROCK ROAD
DUFFINS FOREST INC.

MUNICIPALITY
TOWN OF PICKERING
REGION OF DURHAM

PROJECT TITLE
2055 BROCK ROAD DEVELOPMENT

SHEET TITLE
SITE ALTERATION PLAN
EROSION & SEDIMENT DETAILS

SKA SABOURIN KIMBLE & ASSOCIATES LTD. CONSULTING ENGINEERS



DESIGNED	KLD	DRAWN	SWS	CHECKED	WJL
SCALE	1:500	DATE	OCTOBER 2022		
PROJECT NUMBER	19:411	DWG. NUMBER	ESC2		

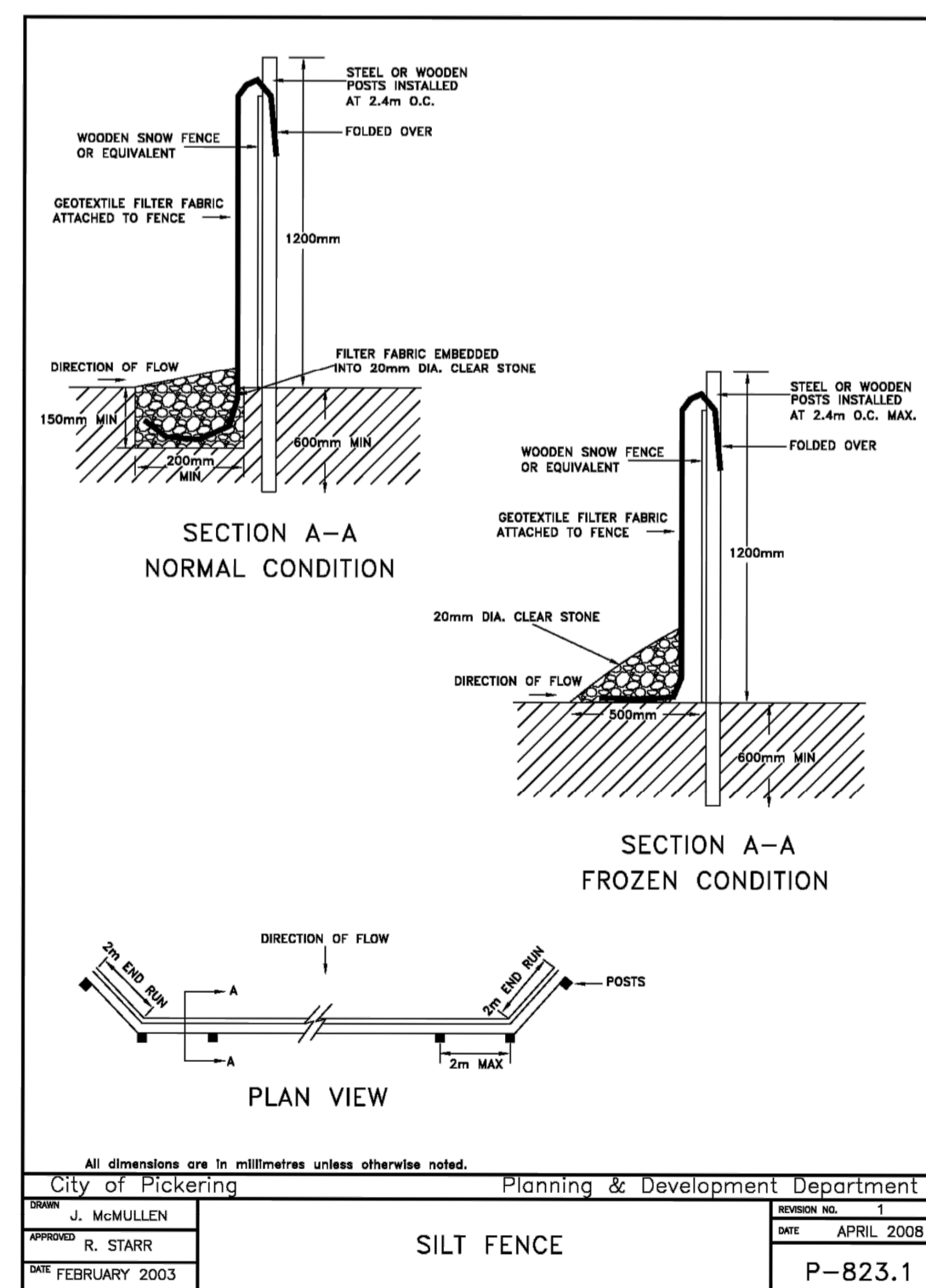
"LOW GROWING NATIVE LAND MIX (OSC PRODUCT 8125)"
(FOR INTERCEPTOR SWALES, ROADS,
LOT BLOCKS, TOPSOIL STOCKPILES)

- 25% CANADA BLUEGRASS (POA PALUSTRIS)
- 30% CANADA WILD RYE (ELYMUS CANADENSIS)
- 15% LITTLE BLUESTEM (SCHZACHYRIUM SCOPARIUM)
- 30% SAND DROPSEED (SPOROBOLUS CRYPTANDRUS)

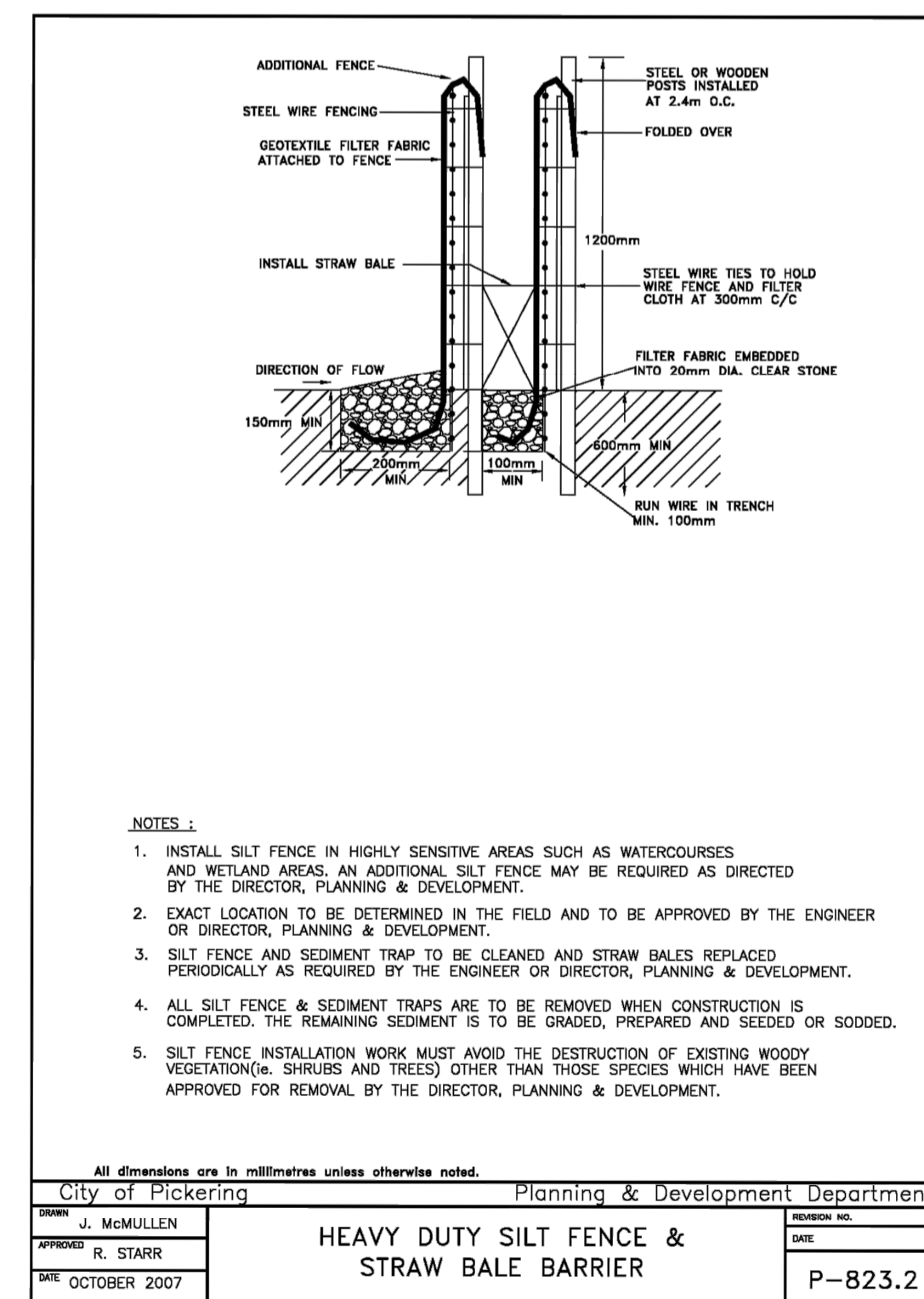
APPLICATION RATE: 27.8 Kg/ha

(ADDITIONAL SEED MIX)
NURSE CROP
ANNUAL RYEGRASS (LOLIUM MULTIFLORUM)

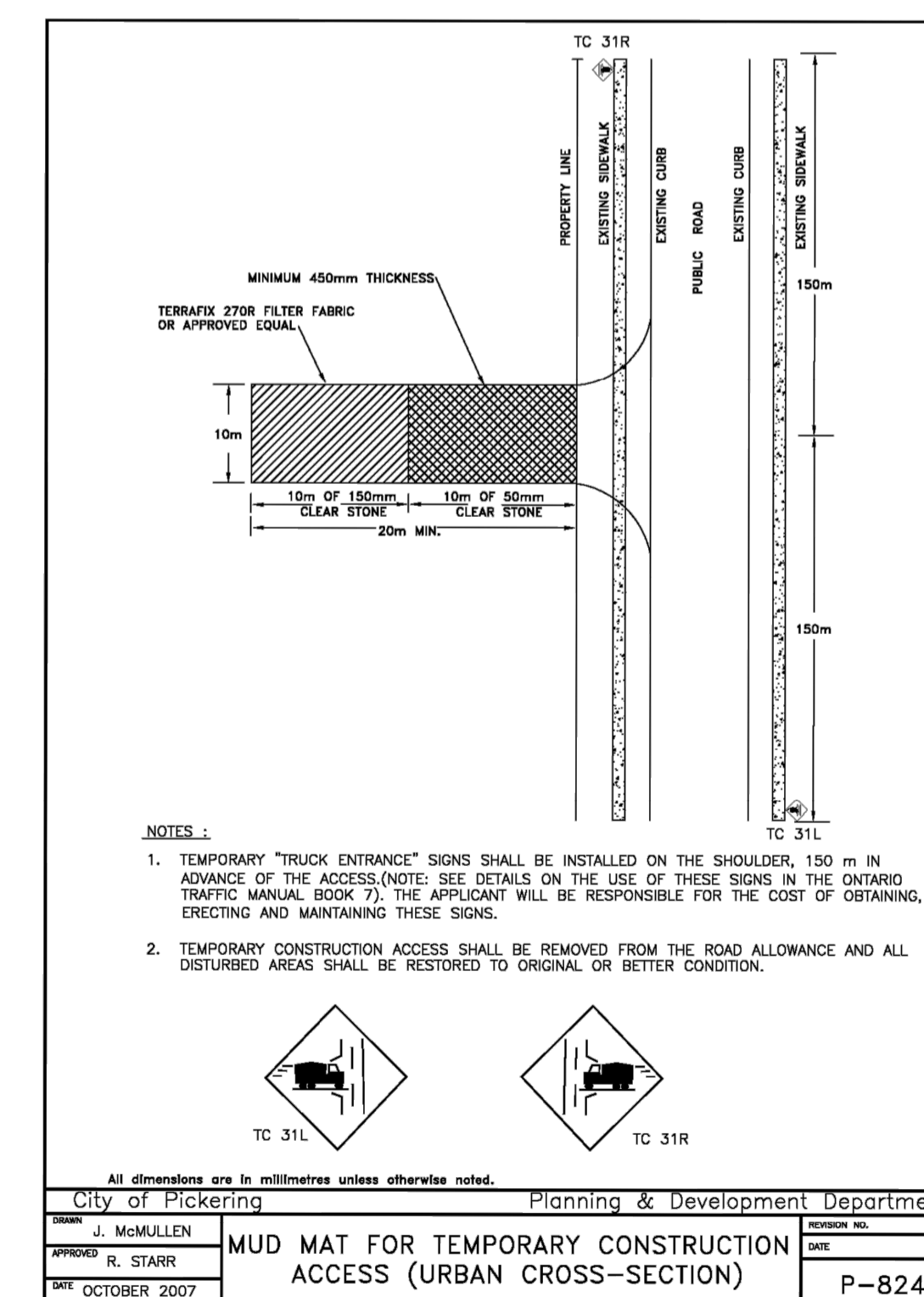
APPLICATION RATE: 22-25 Kg/ha



City of Pickering Planning & Development Department
APPROVED: R. STARR DATE: APRIL 2008
DATE: FEBRUARY 2003
SILT FENCE
P-823.1



City of Pickering Planning & Development Department
APPROVED: R. STARR DATE: OCTOBER 2007
HEAVY DUTY SILT FENCE & STRAW BALE BARRIER
P-823.2



City of Pickering Planning & Development Department
APPROVED: R. STARR DATE: OCTOBER 2007
MUD MAT FOR TEMPORARY CONSTRUCTION ACCESS (URBAN CROSS-SECTION)
P-824.2