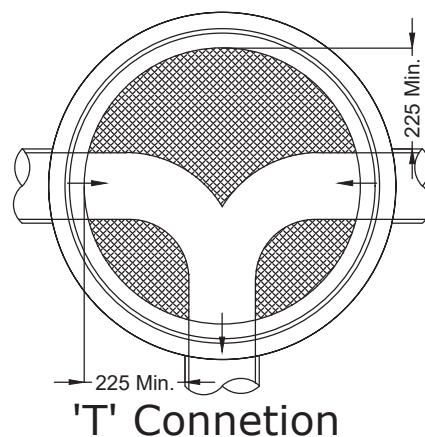
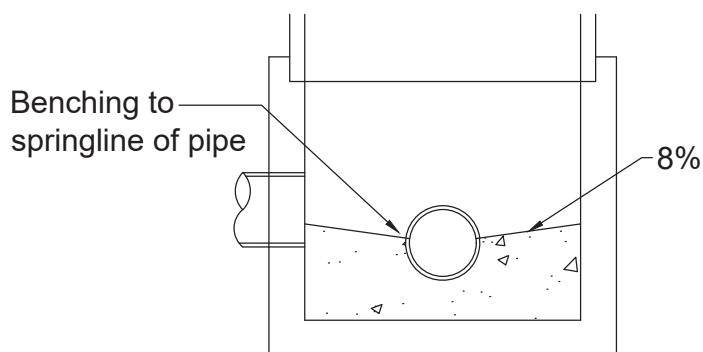
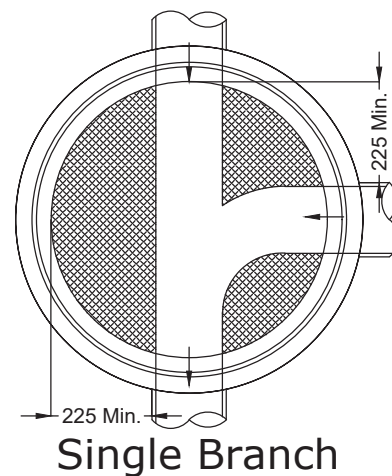
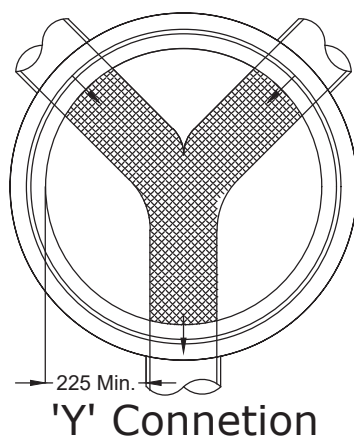
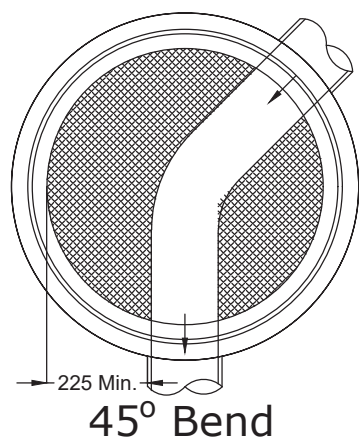
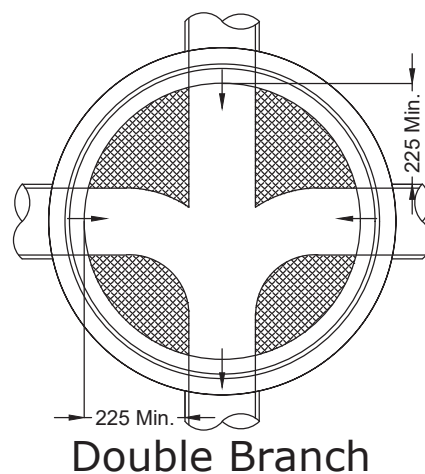
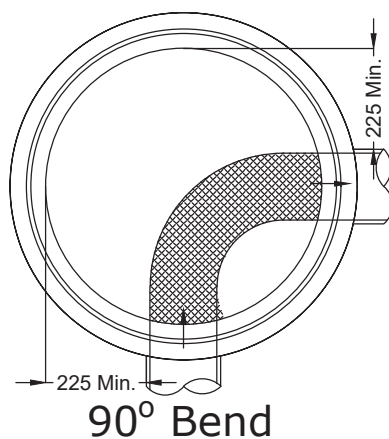
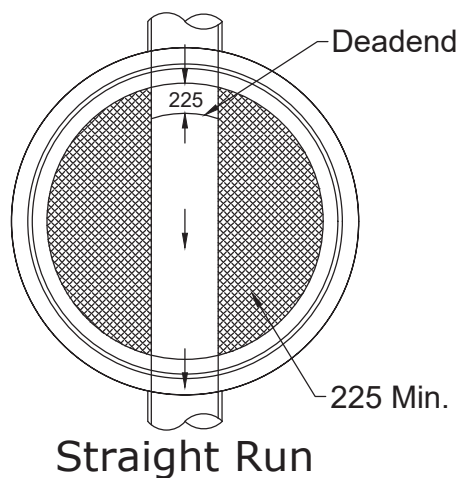




Maximum Pipe Sizes Allowable for Precast Manholes

Manhole Dia.	1200		1500		1800		2400	
	Inlet	Outlet	Inlet	Outlet	Inlet	Outlet	Inlet	Outlet
Straight Run	600	600	825	825	1050	1050	1500	1500
45° Bend	525	525	750	750	900	900		
90° Bend	450	450	600	600	825	825	1050	1050

Notes:

1. 20 MPa concrete to be used for benching.
2. All benching to be sloped at 8% to channel.
3. Benching to be 225mm minimum width.

All dimensions in millimetres except where noted

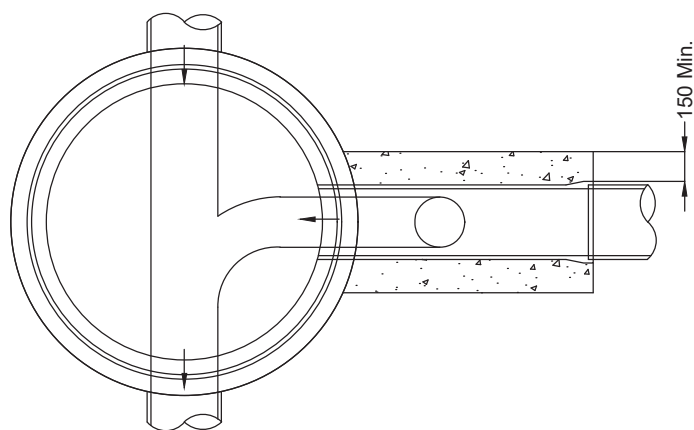
Checked _____
 Approved _____
 Scale NTS
 DWG Date May 06
 Rev. No. 1
 Rev. Date Jan 26

Drawing Title:

Benching for Precast Maintenance Holes

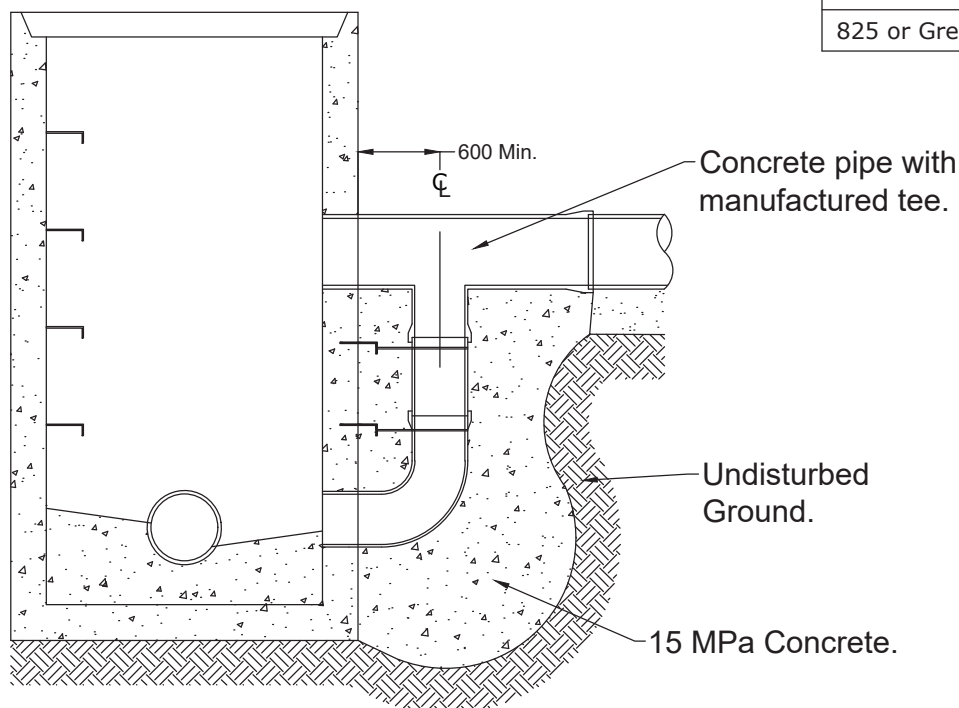
Pelham
 NIAGARA

DWG 100



Plan

Size of Drop Pipe	
Sewer Dia. (mm)	Drop Pipe Dia. (mm)
300 - 450	250
525 - 600	300
675 - 750	375
825 or Greater	450



Section

Notes:

1. Drop structure to be encased in 15 MPa concrete to springline of inlet sewer main.
2. Maintenance hole steps to be provided on outside face of maintenance hole with spacing of 300mm O.C. Drop structure to be strapped to steps with a minimum of two stainless steel bands.
3. All drop pipe and fittings shall be PVC SDR 35.

All dimensions in millimetres except where noted

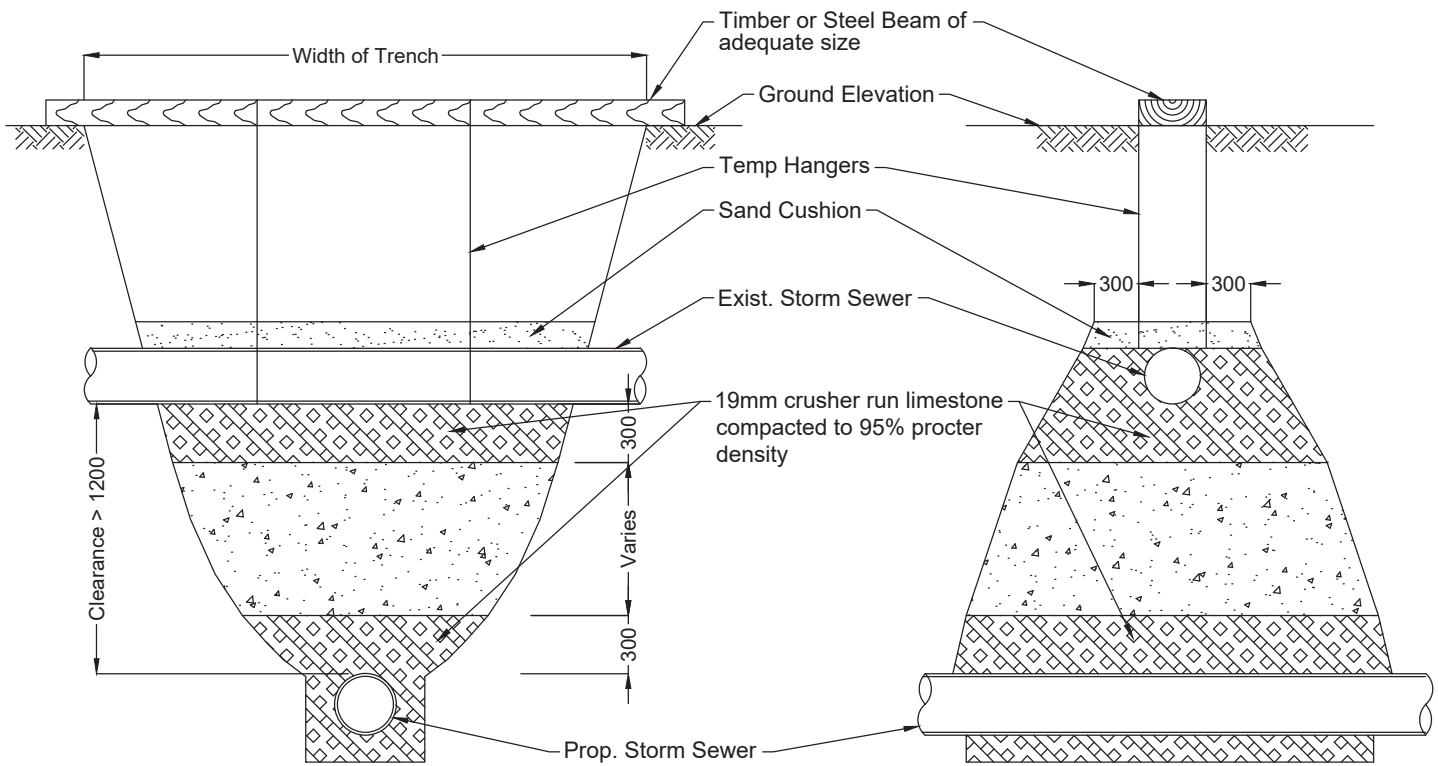
Checked _____
 Approved _____
 Scale NTS
 DWG Date Jan 93
 Rev. No. 1
 Rev. Date Jan 26

Drawing Title:

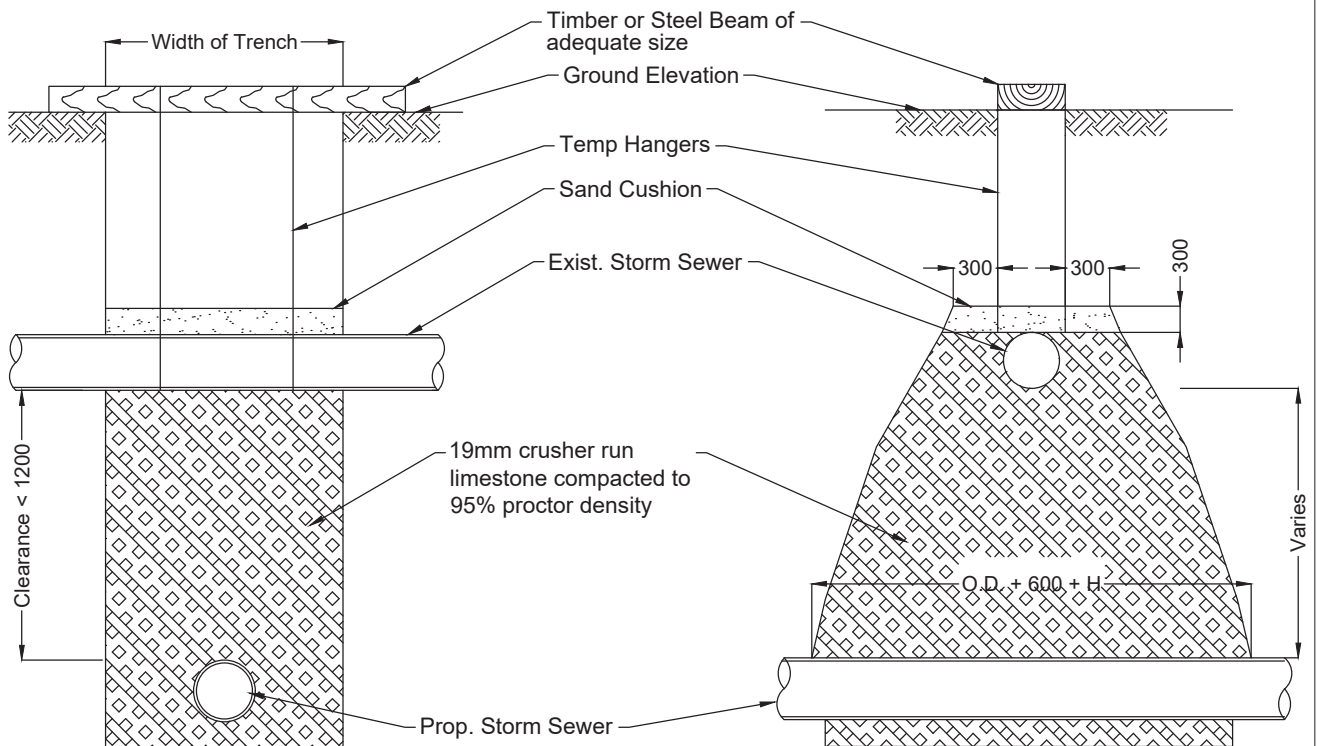
Drop Structures for Maintenance Holes

 Pelham
NIAGARA

DWG 101



Clearance > 1200



Clearance < 1200

Notes:

1. Support specifications for all other utilities shall be obtained from the appropriate agency.

All dimensions in millimetres except where noted

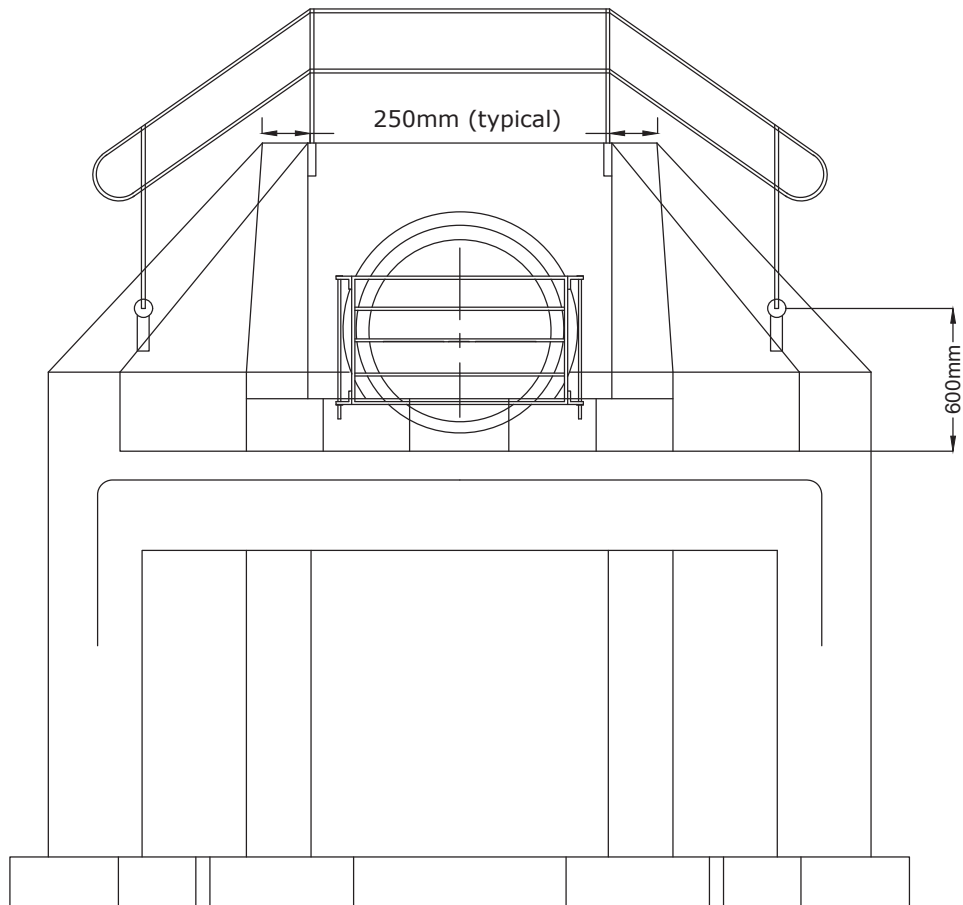
Checked _____
 Approved _____
 Scale NTS
 DWG Date Jan 93
 Rev. No. 1
 Rev. Date Jan 26

Drawing Title:

Backfilling Support for Existing Storm Sewers

Pelham
 NIAGARA

DWG 102



Notes:

1. Handrail required on headwall and ringwall when height is greater than 600mm.
2. Steel handrails as per OPSD.980.101.
3. Posts to be embedded a minimum of 300mm.
4. For grating details refer to OPSD 804.050.

All dimensions in millimetres except where noted

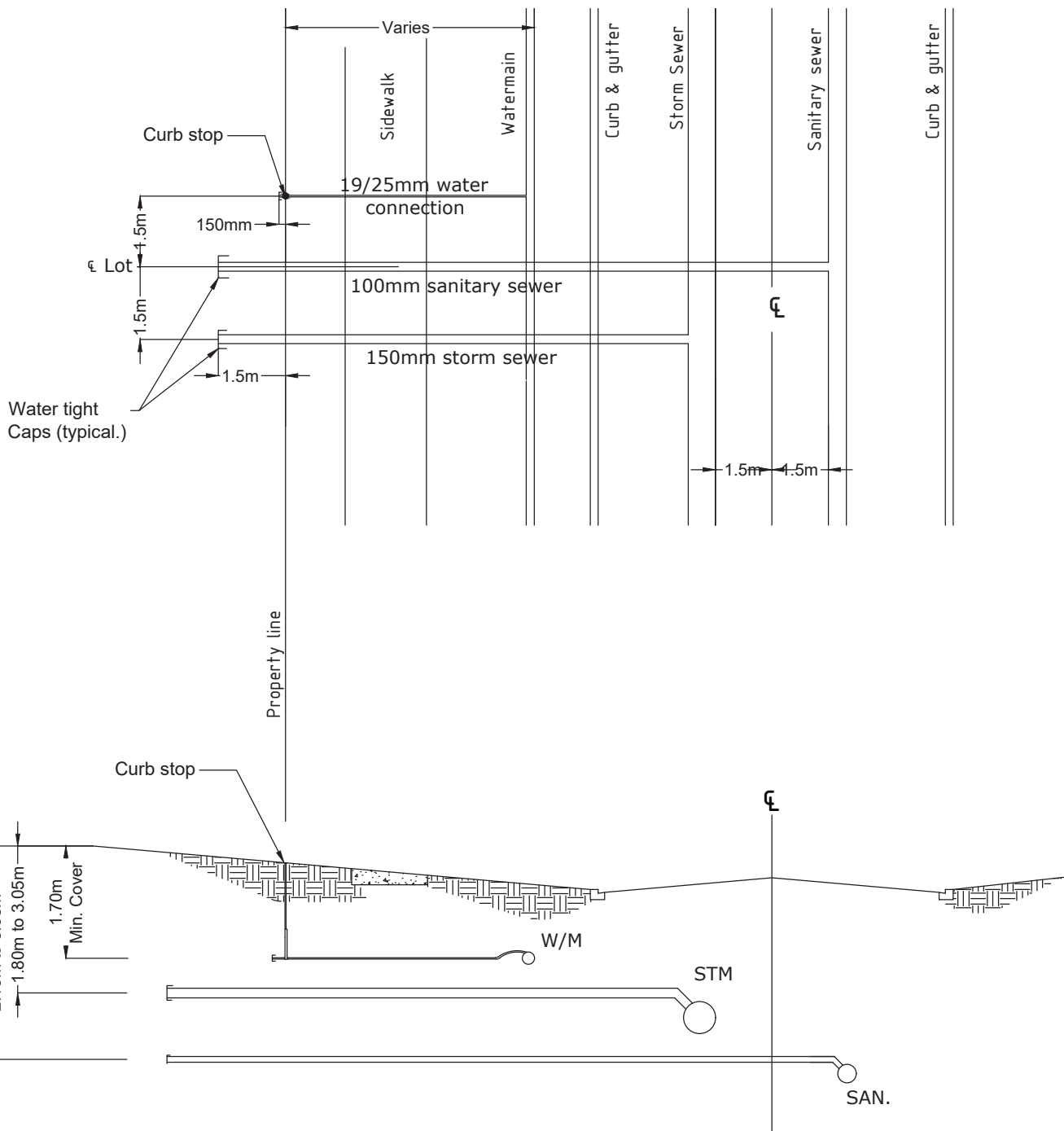
Checked _____
 Approved _____
 Scale NTS
 DWG Date Jan 1993
 Rev. No. 1
 Rev. Date April 2026

Drawing Title:

**Handrails for Sewers and
 Culvert Headwalls**

Pelham
 NIAGARA

DWG 103



Notes:

1. Watertight caps on all services.
2. All dimensions shown are centre to centre.
3. Storm pipe material is to be PVC SDR 28 and white in colour.

All dimensions in millimetres except where noted

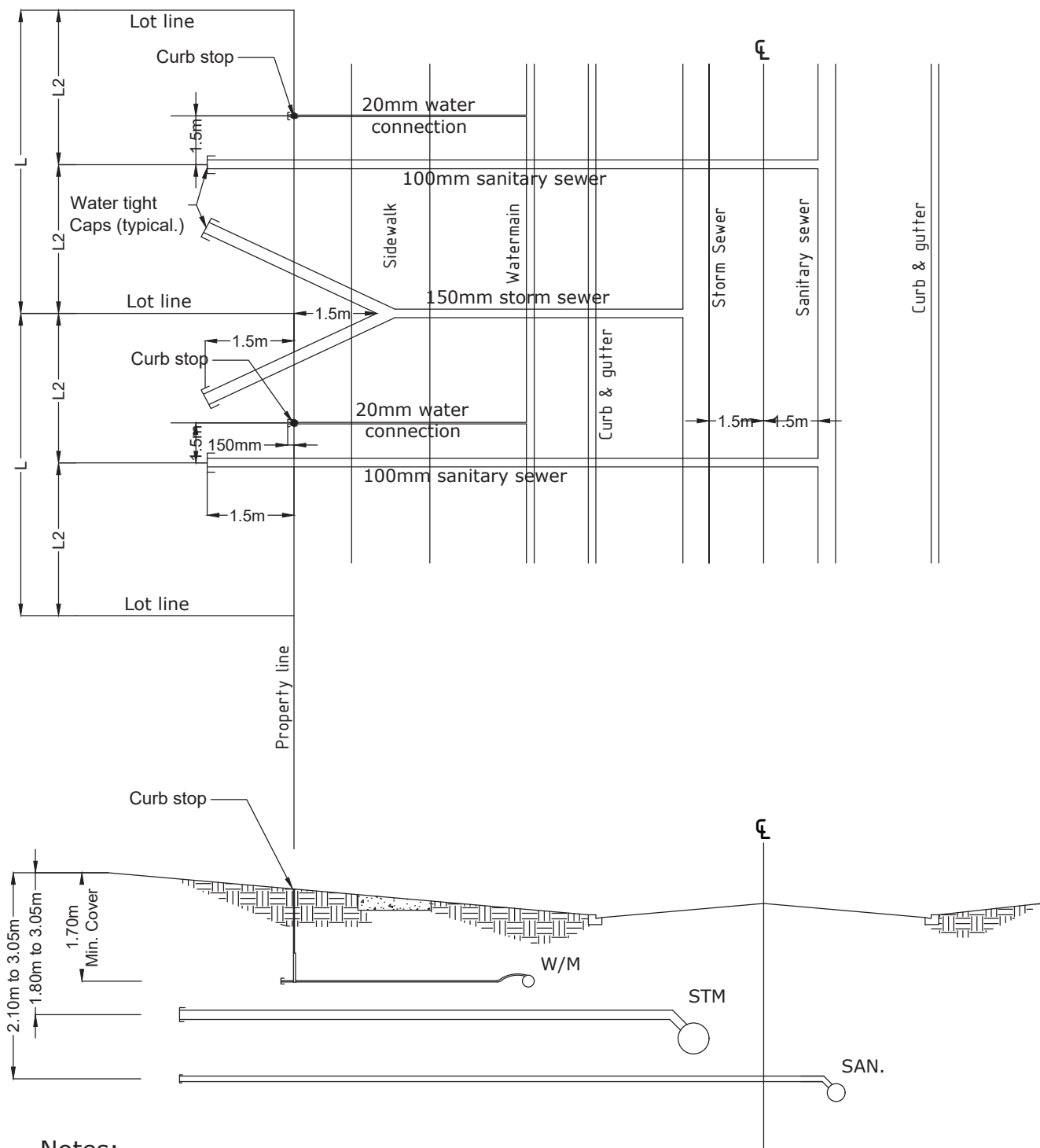
Checked _____
 Approved _____
 Scale NTS
 DWG Date Jan 1993
 Rev. No. 1
 Rev. Date April 2026

Drawing Title:

**Storm Sewer Residential
 Service Connection**

Pelham
 NIAGARA

DWG 104



Notes:

1. Watertight caps on all services.
2. All dimensions shown are centre to centre.
3. Storm pipe material is to be PVC SDR 28 and white in colour.
4. L = frontage of one unit.
5. 'Y' connections will only be permitted on street town houses.

All dimensions in millimetres except where noted

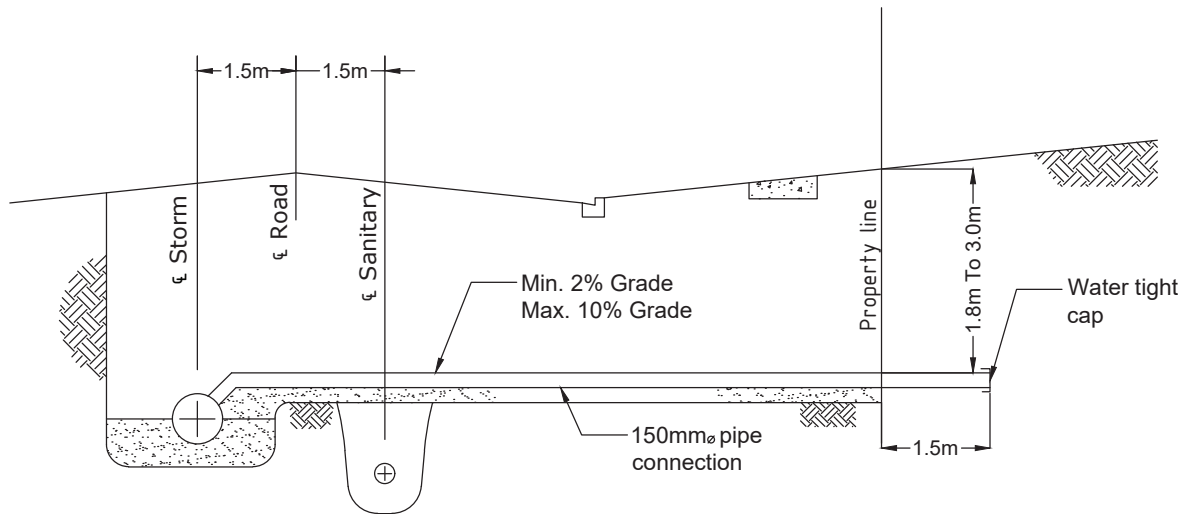
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 Approved _____
 Scale NTS
 DWG Date Jan 1993
 Rev. No. 1
 Rev. Date April 2026

Drawing Title:

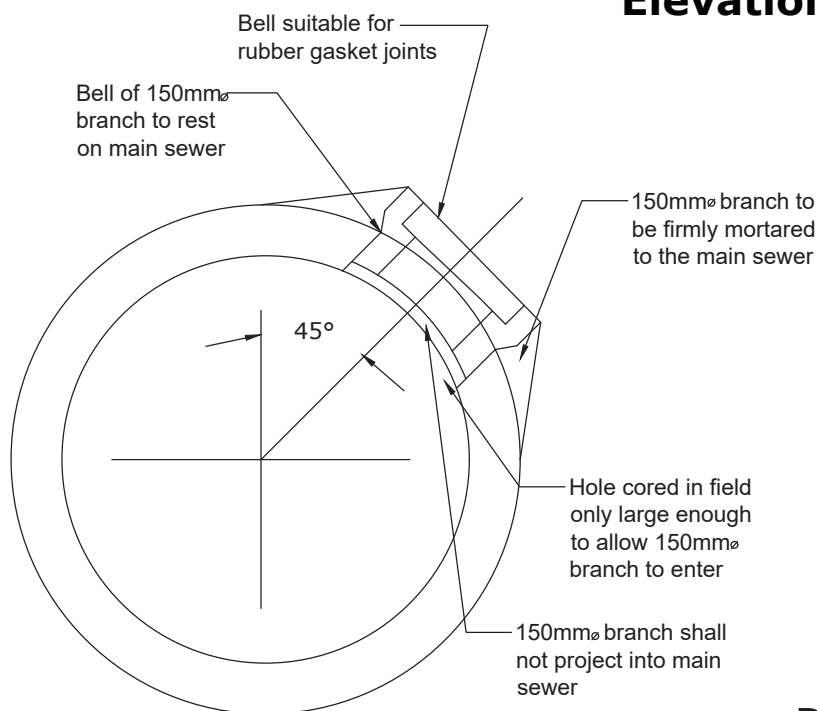
**Storm Sewer Residential
 Service Connection**

Pelham
 NIAGARA

DWG 105



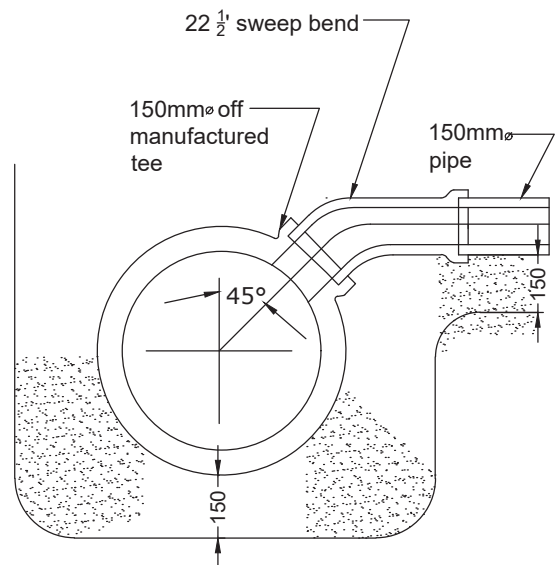
Elevation



Detail showing method
of connection to sewers
525mmØ and larger

Notes:

1. Storm house connections to be 150mmØ pipe.
2. Storm pipe material is to be PVC SDR 28 and white in colour.
3. Where PVC pipe is used, concrete sewer main shall be cored on site and connected with a PVC "mortar-on-adaptor" or shall have an approved manufactured tee.
4. For bedding details see OPSD section 800 and Town of Pelham additional conditions.



Detail of connection at main
sewer at storm sewer sizes
up to & including 450mmØ

All dimensions in millimetres except where noted

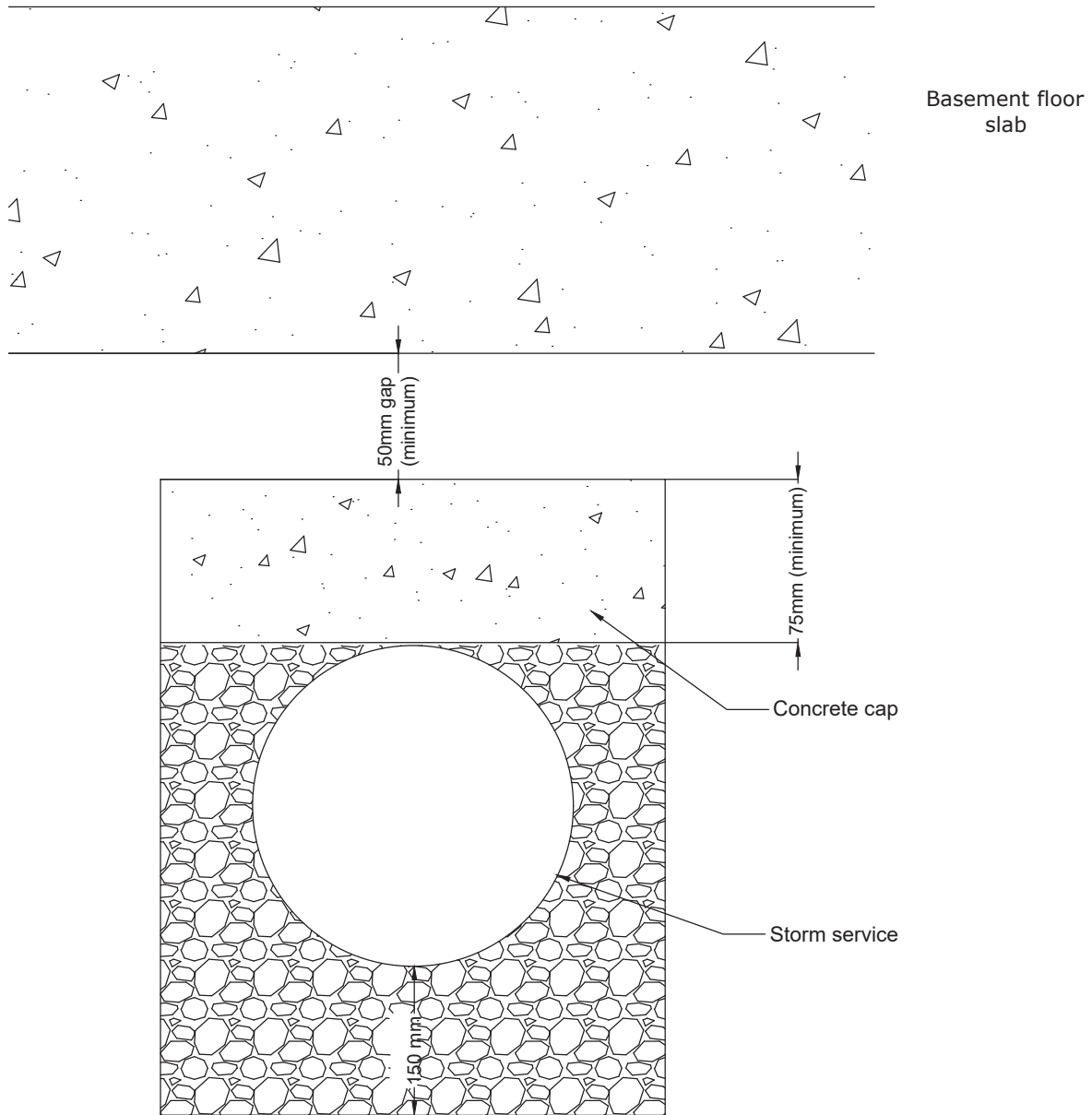
Checked _____
Approved _____
Scale NTS
DWG Date Jan 1993
Rev. No. 1
Rev. Date April 2026

Drawing Title:

Storm Sewer Residential
Service Connection

Pelham
NIAGARA

DWG 106



Notes:

1. For bedding details refer to OPSD section 800 and Town of Pelham additional conditions.

All dimensions in millimetres except where noted

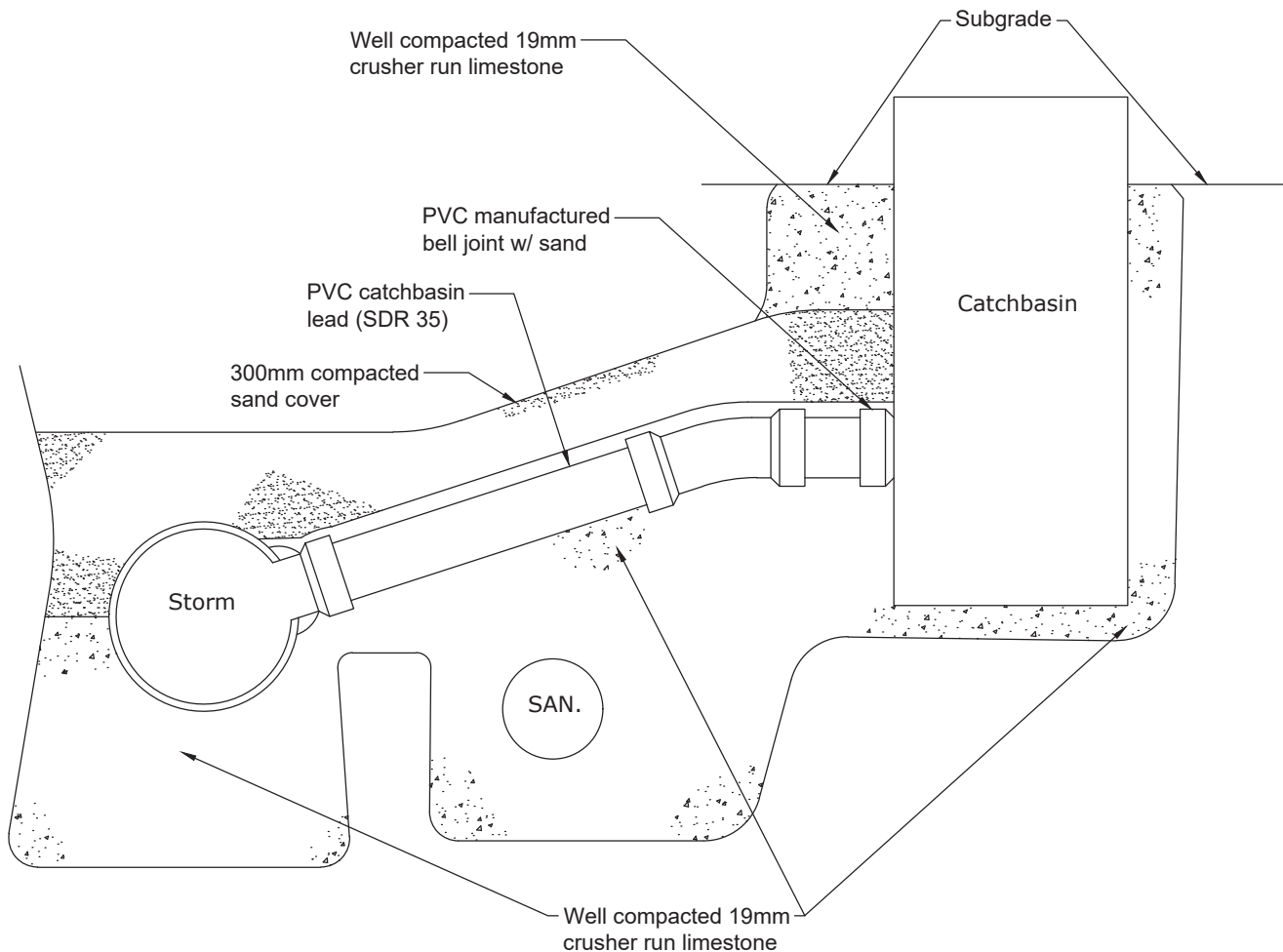
Checked _____
 Approved _____
 Scale NTS
 DWG Date Jan 2009
 Rev. No. 1
 Rev. Date April 2026

Drawing Title:

**Storm Service Connection Under
 Basement Floor Slab**

Pelham
 NIAGARA

DWG 106.10



Notes:

1. Pipe to enter catchbasin at right angle.
2. 250mm $\varnothing$ PVC pipe to be used for single catchbasins.
3. 300mm $\varnothing$ PVC pipe to be used for double catchbasins.
4. All PVC pipe shall be a minimum strength of SDR 35.
5. For bedding details see Town of Pelham specifications.
6. Connection to storm main shall be cored and a PVC manufactured bell joint w/sand coating used or the storm main shall have an approved manufactured tee.
7. Ribbed PVC may be used as an alternative.
8. Crushed run limestone around catchbasin to subdrain.

All dimensions in millimetres except where noted

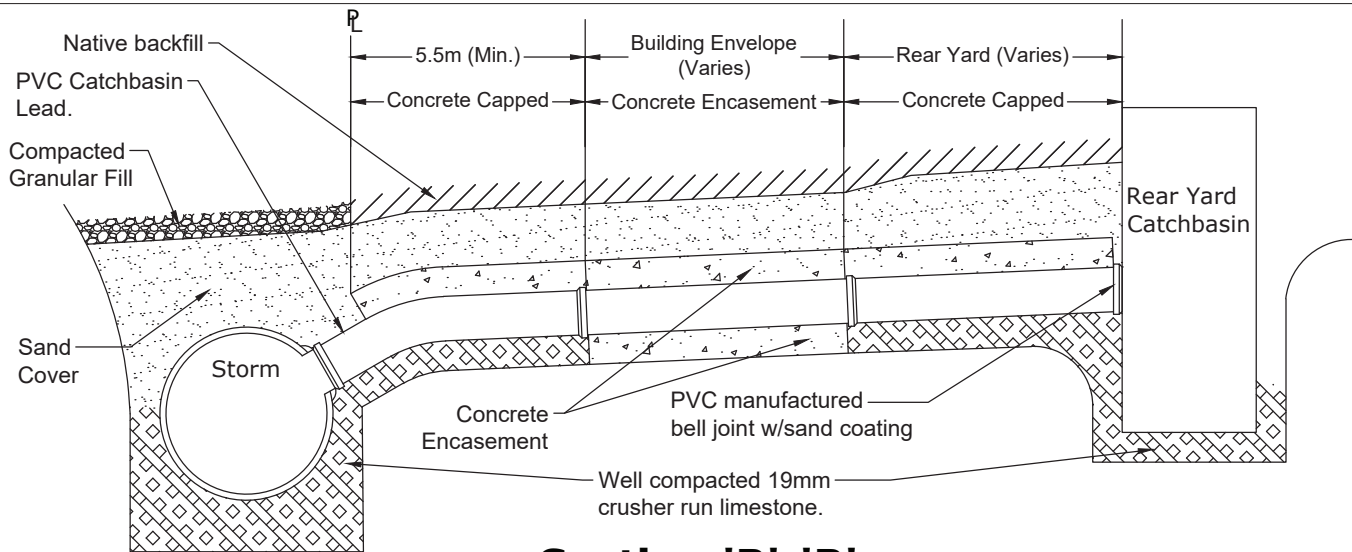
Checked _____
 Approved _____
 Scale NTS
 DWG Date April 1994
 Rev. No. 1
 Rev. Date March 2026

Drawing Title:

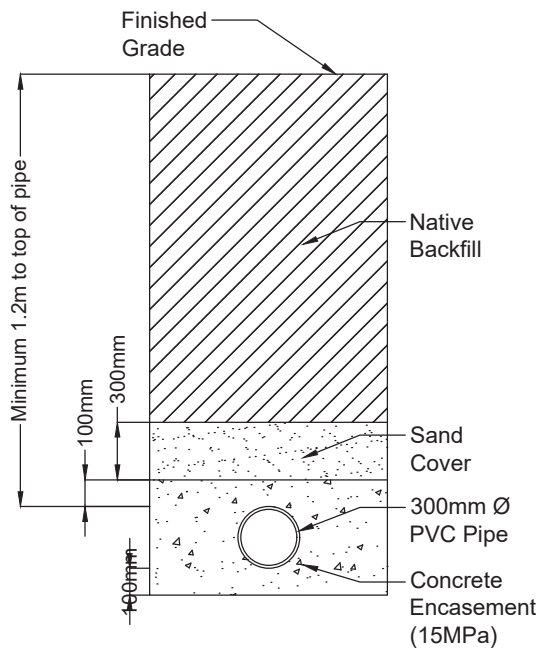
P.V.C. Catchbasin Connection

 **Pelham**
 NIAGARA

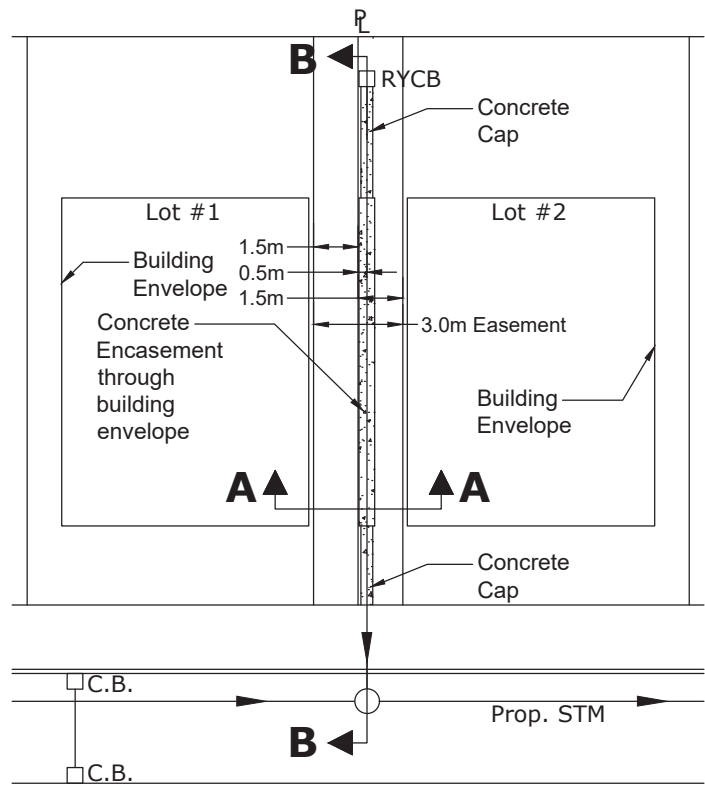
DWG 107



Section 'B'-'B'



Section 'A'-'A'



Notes:

1. Pipe to enter catchbasin at right angle.
2. 300mm Ø PVC or concrete pipe to be used for rear yard catchbasin leads.
3. All concrete pipes shall have a minimum strength of 65d.
4. All PVC pipes shall be a minimum strength of SDR 35 or equivalent.
5. For bedding details refer to Town of Pelham Specifications.
6. Connection to all storm main shall be cored and a PVC manufactured bell joint w/sand coating used or the storm main shall have an approved manufacturers tee.
7. CB adjustment units (modulock) shall be parged on the outside and covered in bituminous paint.
8. Concrete cap not required if concrete pipe is used, or if pipe is below underside of footing.

All dimensions in millimetres except where noted

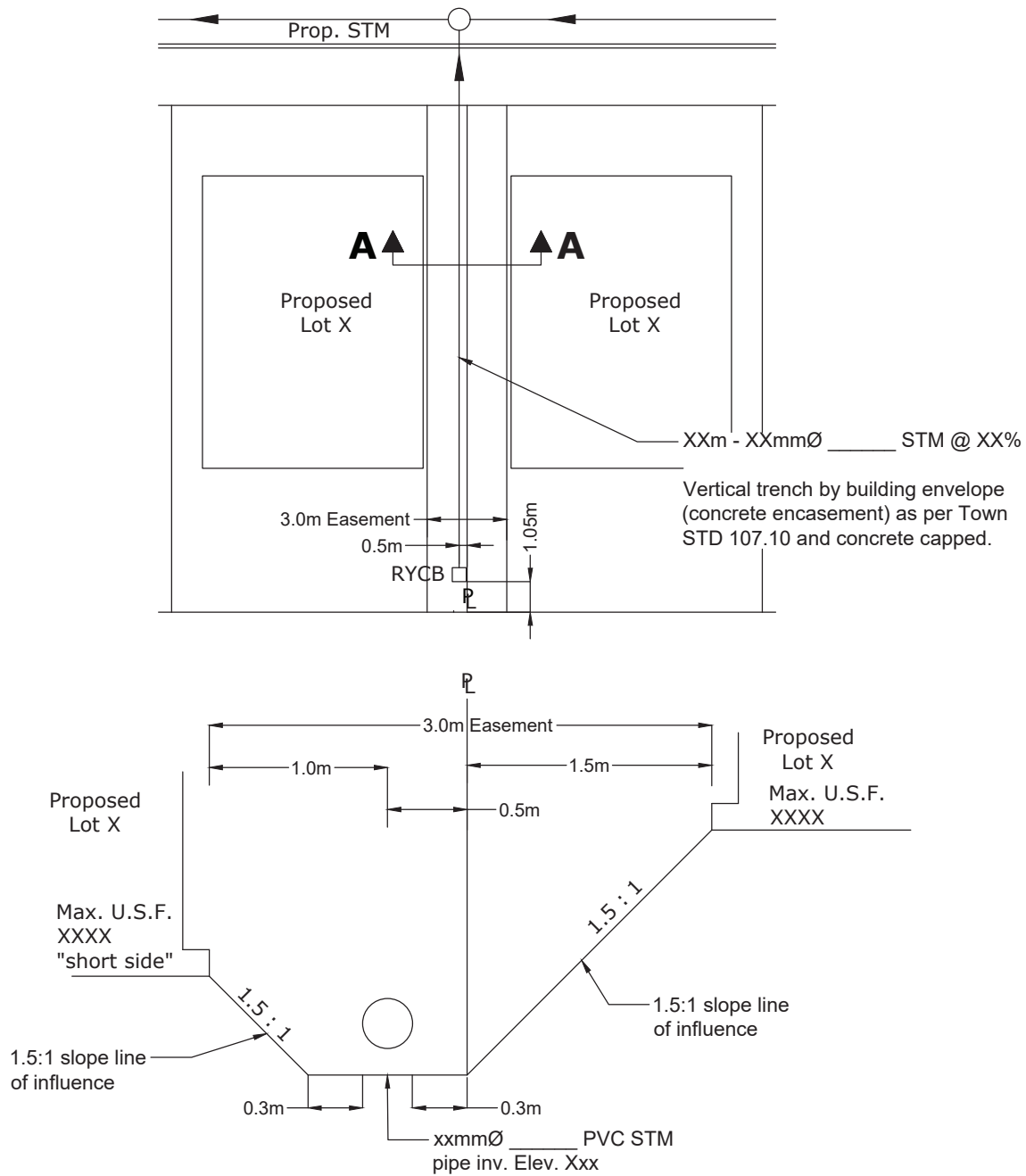
Checked _____
 Approved _____
 Scale NTS
 DWG Date Aug 15
 Rev. No. 1
 Rev. Date Jan 26

Drawing Title:

Rear Yard Catchbasin Connection

Pelham
 NIAGARA

DWG 107.10



Section 'A'-'A'

Notes:

1. Detail to be included on Plan & Profile drawings.
2. Design for 1.5:1 line of influence from bottom of trench (not pipe invert).
3. Trench bottom based on pipe invert minus required bedding depth or invert minus 0.10m per STD. 107.10 for RYCB.
4. For "short side" of RYCB easement add a 0.15m buffer into Max. U.S.F. (ie. 0.15m lower than the 1.5:1 calculation).
5. Same principles apply to all servicing blocks/easements.
6. For larger pipes also take into consideration pipe wall thickness.
7. Pipe slope to be minimized wherever possible to lessen impacts to underside of footing elevations.

All dimensions in millimetres except where noted

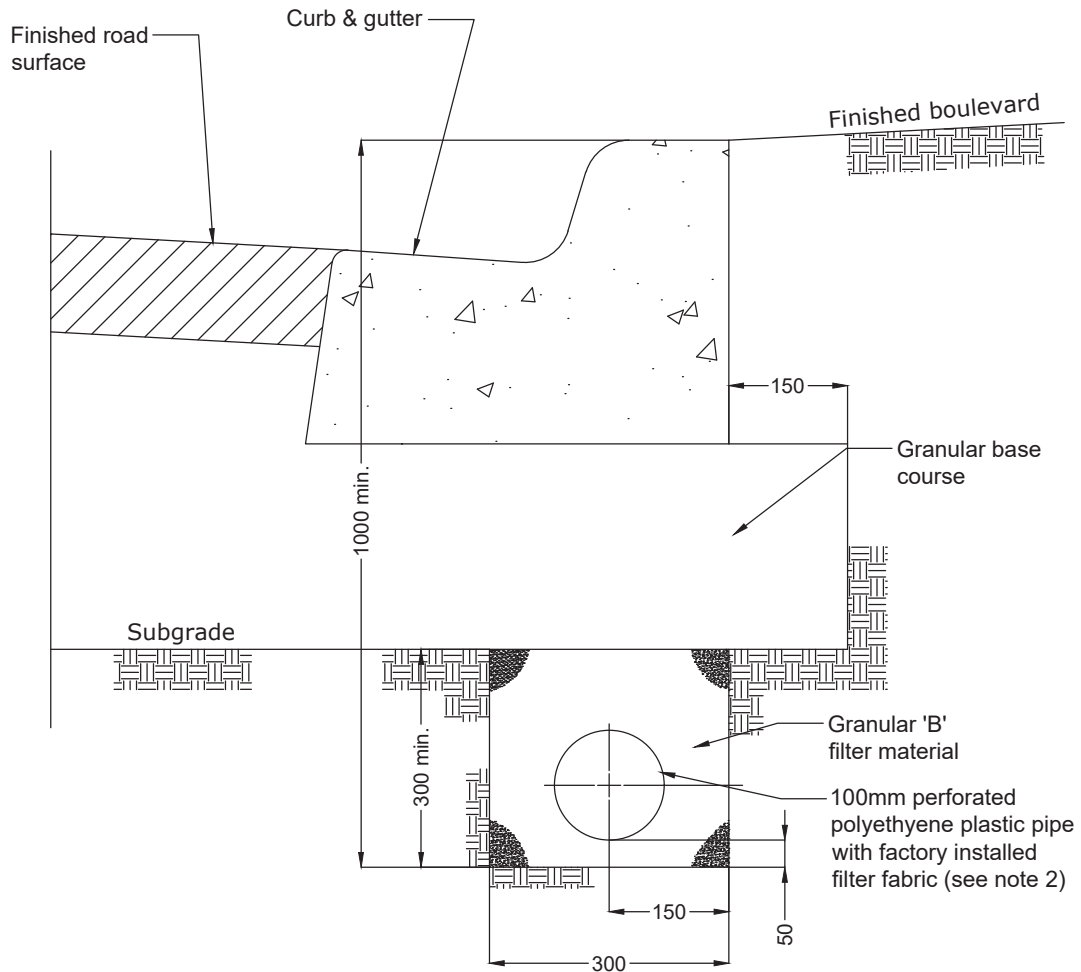
Checked _____
 Approved _____
 Scale NTS
 DWG Date Aug 15
 Rev. No. 1
 Rev. Date Jan 26

Drawing Title:

Typical Detail for Determining Maximum USF next
 to RYCB Lead / Sewer Pipe

Pelham
 NIAGARA

DWG 107.20



Notes:

1. All connections to be mortared on the inside and outside of the catchbasin walls. Subdrains to be continuous between catchbasins.
2. Subdrains shall be in accordance with OPSS 405.
3. Grade of the subdrain is to follow the curb and gutter.

All dimensions in millimetres except where noted

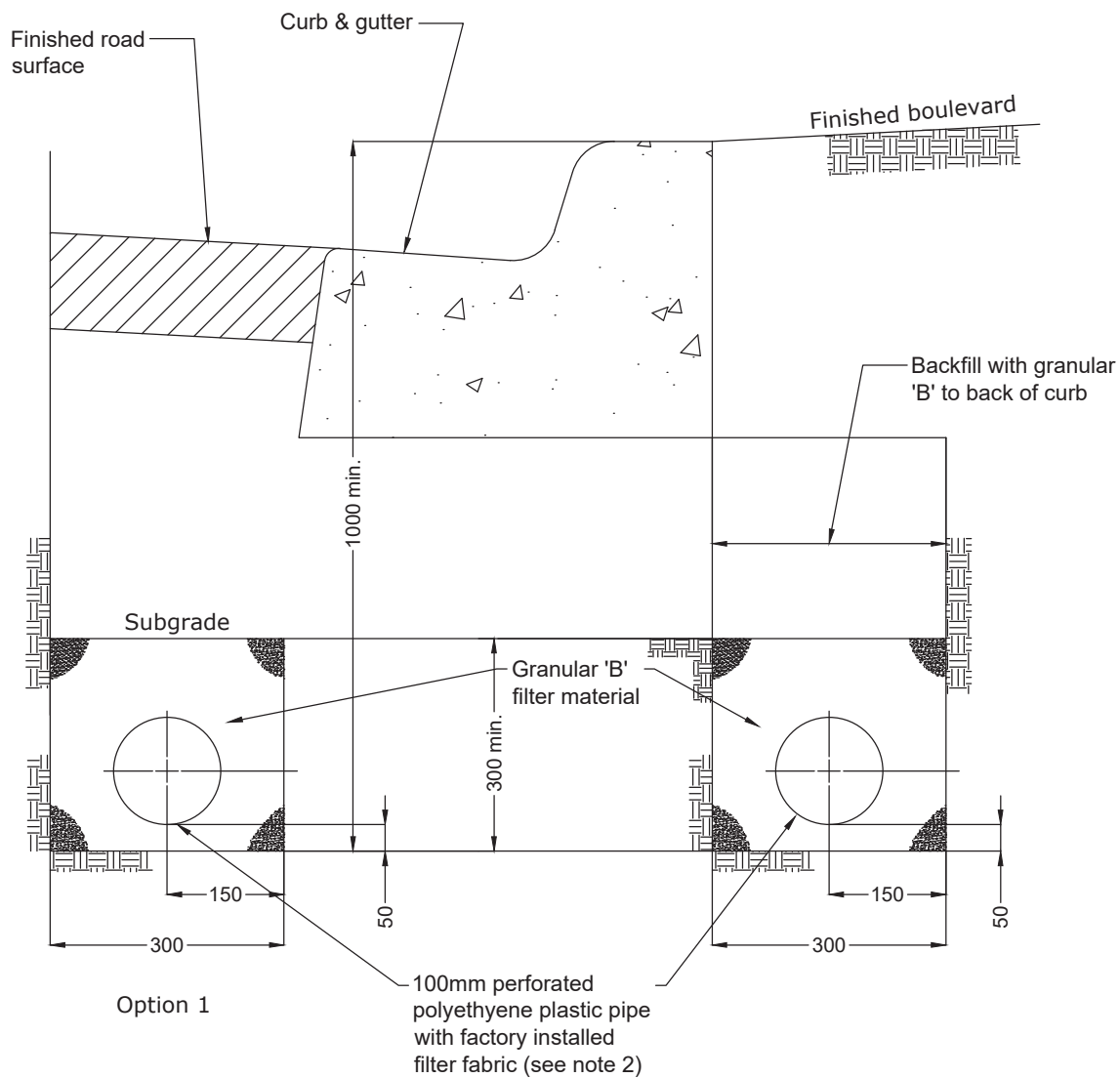
Checked _____
 Approved _____
 Scale NTS
 DWG Date Jan 1993
 Rev. No. 1
 Rev. Date March 2026

Drawing Title:

Subdrains

Pelham
 NIAGARA

DWG 108



Notes:

1. All connections to be mortared on the inside and outside of the catchbasin walls. Subdrains to be continuous between catchbasins.
2. Subdrains shall be in accordance with OPSS 405.
3. Grade of the subdrain is to follow the curb and gutter.
4. Option 1 to be used only when specified by the Town of Pelham representative or specified in contract documents.

All dimensions in millimetres except where noted

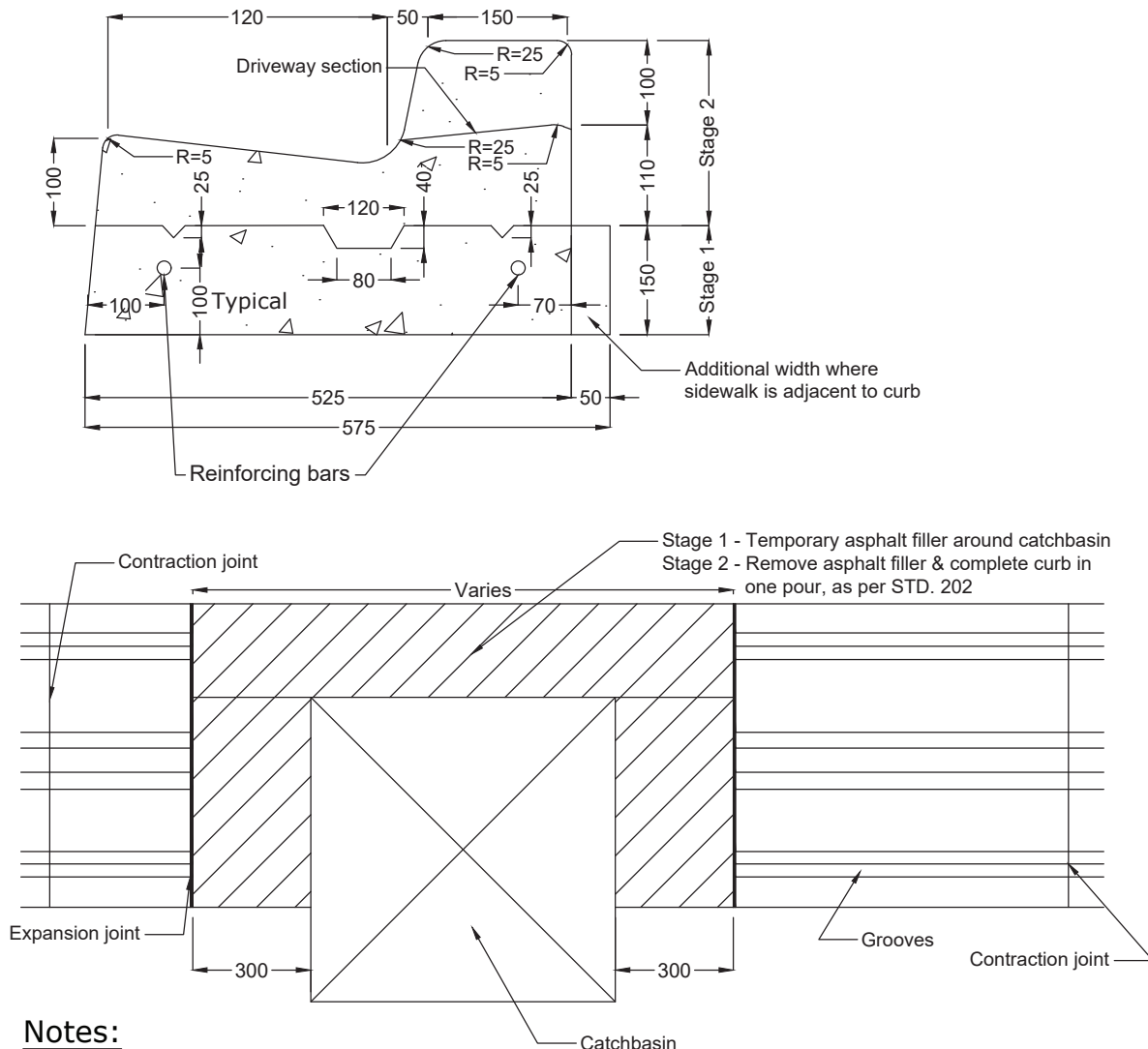
Checked _____
 Approved _____
 Scale NTS
 DWG Date Jan 1993
 Rev. No. 1
 Rev. Date March 2026

Drawing Title:

Subdrains for Installation
 Behind/Front of Existing Curb

Pelham
 NIAGARA

DWG 109



Notes:

1. First stage curb to be a continuous pour. Contraction joints to be saw cut every 3.0m in second stage only.
2. Curing:
 - Stage 1 - water and burlap only
(curing compound not permitted)
 - Stage 2 - curing compound
3. Stage 1 to be thoroughly cleaned and wet prior to stage 2 installation.
4. Grate to be set to the elevation of stage 1, & readjusted for stage 2 in accordance with the Town of Pelham standard #202.
5. All reinforcing to have 50mm cover.
6. Base stage concrete to be 32MPa compressive strength at 28 days with $7.0 \pm 1.5\%$ air entrainment, cement ratio shall be 355kg/m, top stage curb and gutter concrete to be 32MPa compressive strength at 28 Days with $7.0 \pm 1.5\%$ air entrainment, cement ratio shall be 325kg/m.
7. Refer to OPSS section 353.
8. Reinforcing bar in base is 15m on straight and 10m on curves.

All dimensions in millimetres except where noted

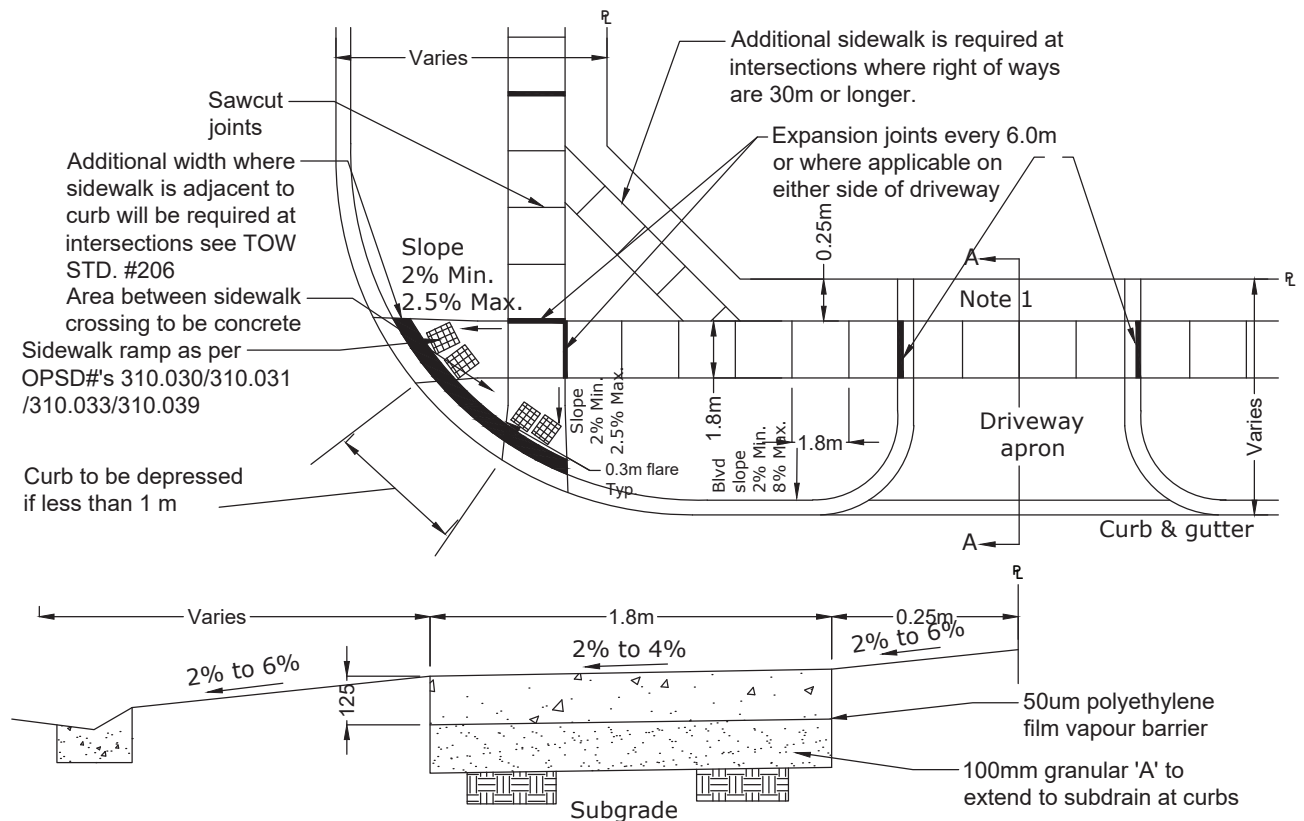
Checked _____
 Approved _____
 Scale NTS
 DWG Date June 1999
 Rev. No. 1
 Rev. Date April 2026

Drawing Title:

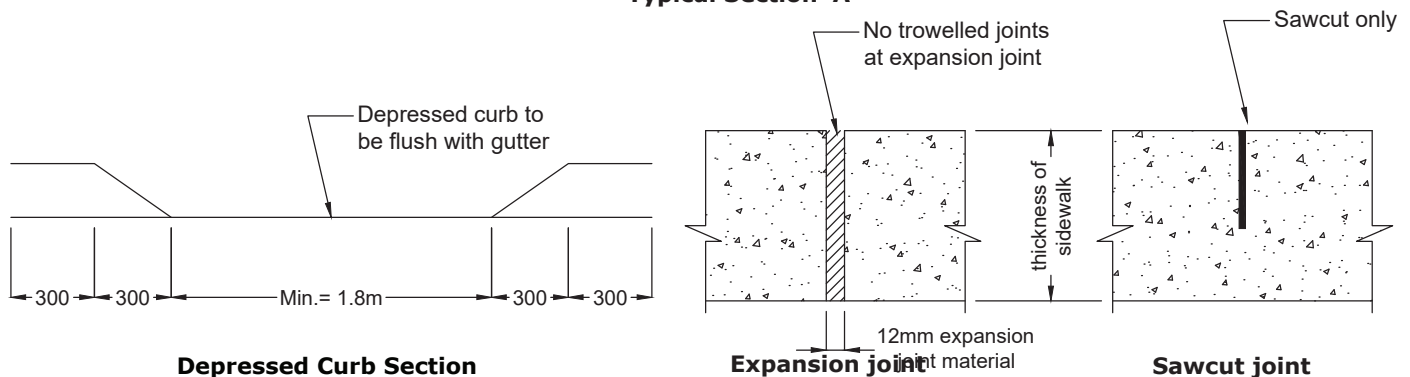
Two-Stage Curb and Gutter

Pelham
 NIAGARA

DWG 206



Typical Section 'A'



Notes:

1. Sidewalk thickness to be 175mm through residential driveway entrances.
2. For commercial and industrial driveways, sidewalk thickness to be 175mm with 150x150 wire mesh mw 18*7 gauge to be placed 75mm from the bottom.
3. Refer to Town of Pelham standard #304 for driveway profile and sidewalk crossfall.
4. concrete to be 32mpa compressive strength at 28 days with $7.0 \pm 1.5\%$ air entrainment, cement ratio shall be 355kg/m³. Slump to be 70mm $\pm$ 20mm.
5. The configuration of tactile plates shall be approved by the Town prior to construction. Casting shall be coated with "black asphalt dip".
6. For new sidewalk connections to existing curb, the existing curb must be removed and replaced with depressed curb flush with gutter.
7. Running slope: max.=5% or match road profile.
8. Head room clearance from sidewalk to vegetation obstruction: min.=2.1m.
9. Boulevards shall be graded between 2-8%.

All dimensions in millimetres except where noted

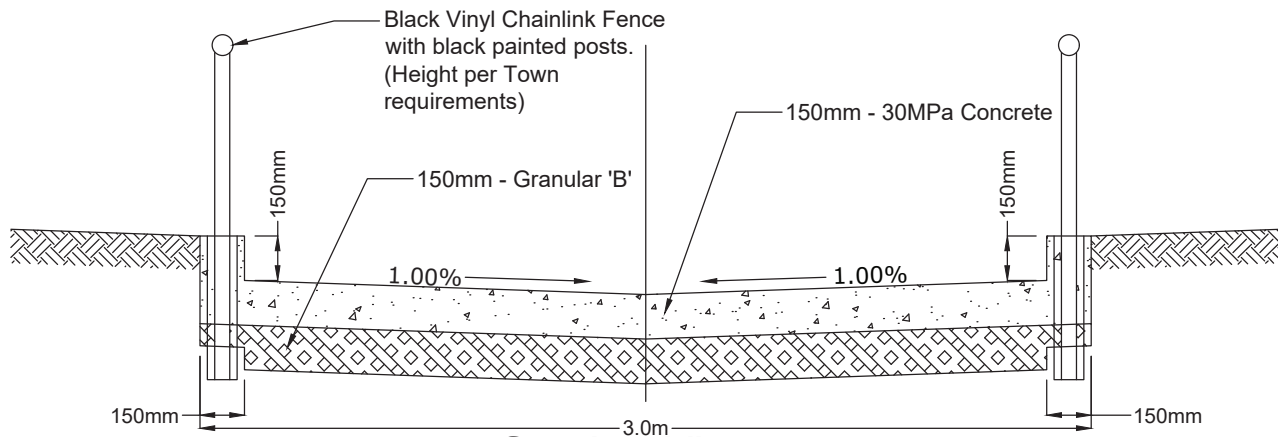
Checked _____
 Approved _____
 Scale NTS
 DWG Date may 1997
 Rev. No. 1
 Rev. Date April 2026

Drawing Title:

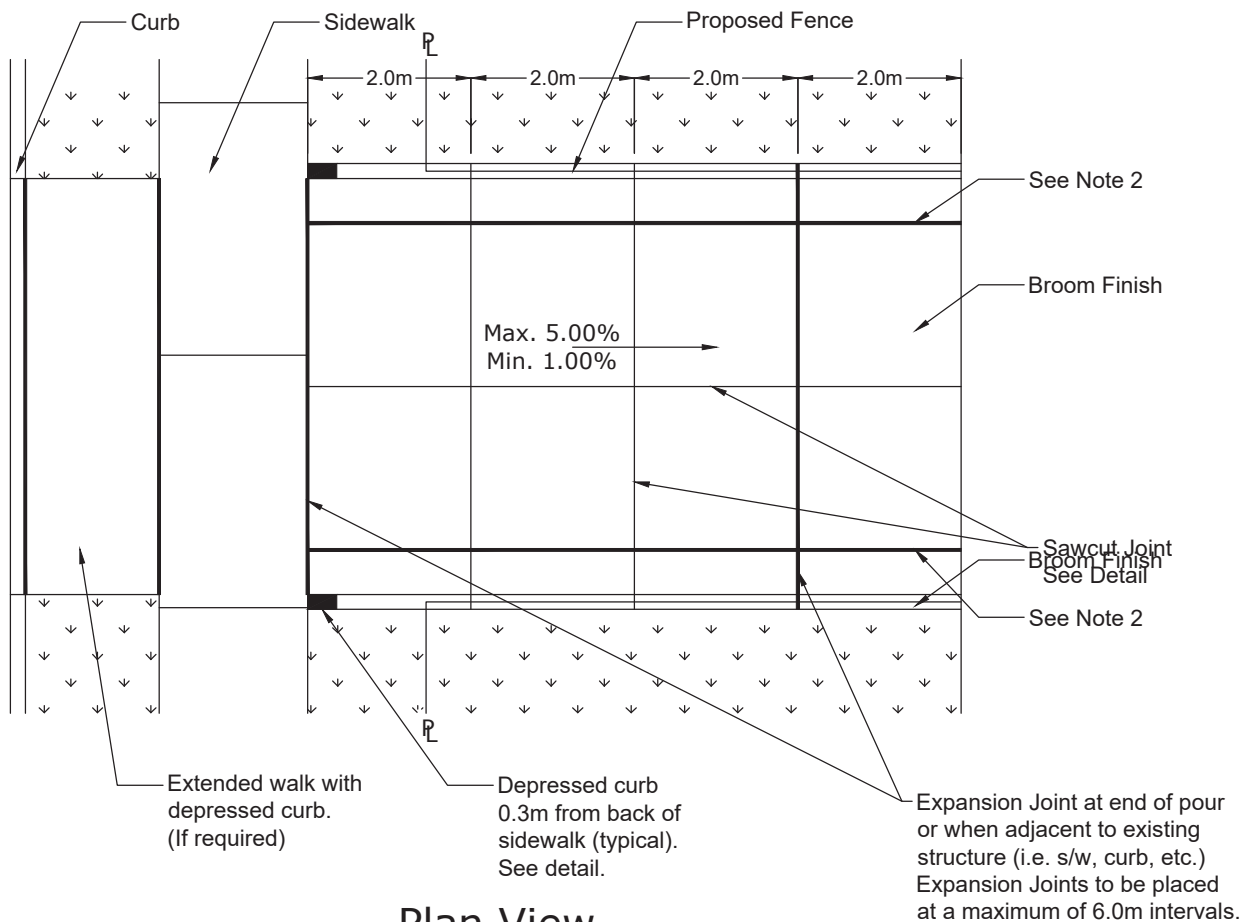
Concrete Sidewalk

Pelham
 NIAGARA

DWG 208



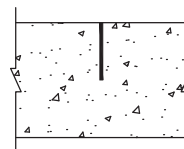
Section View



Plan View



Depressed Curb View



Sawcut Joint

Notes:

- Concrete to be 32MPa compressive strength at 28 days with $7.0 \pm 1.5\%$ air entrainment, cement ratio shall be 355kg/m^3 .
- 100mm wide solid yellow line to be installed when no fence is present.

All dimensions in millimetres except where noted

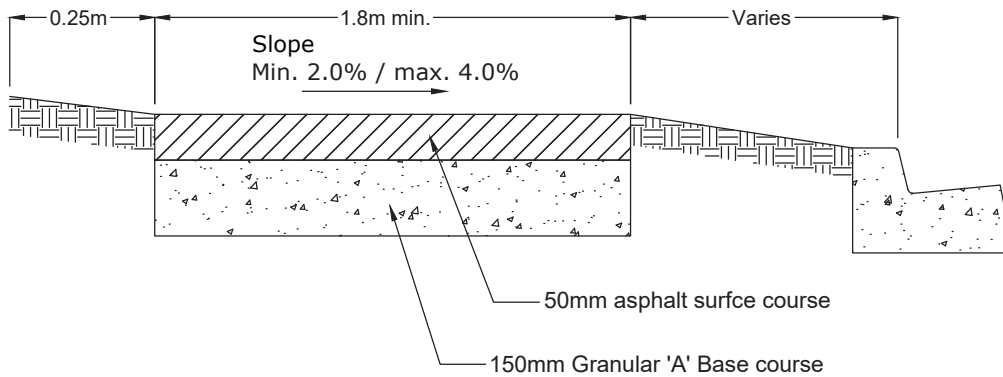
Checked _____
 Approved _____
 Scale NTS
 DWG Date Oct 18
 Rev. No. 1
 Rev. Date Jan 26

Drawing Title:

Overland Flow Walkway

Pelham
 NIAGARA

DWG 209



Note:

1. Asphalt type to be HL3

All dimensions in millimetres except where noted

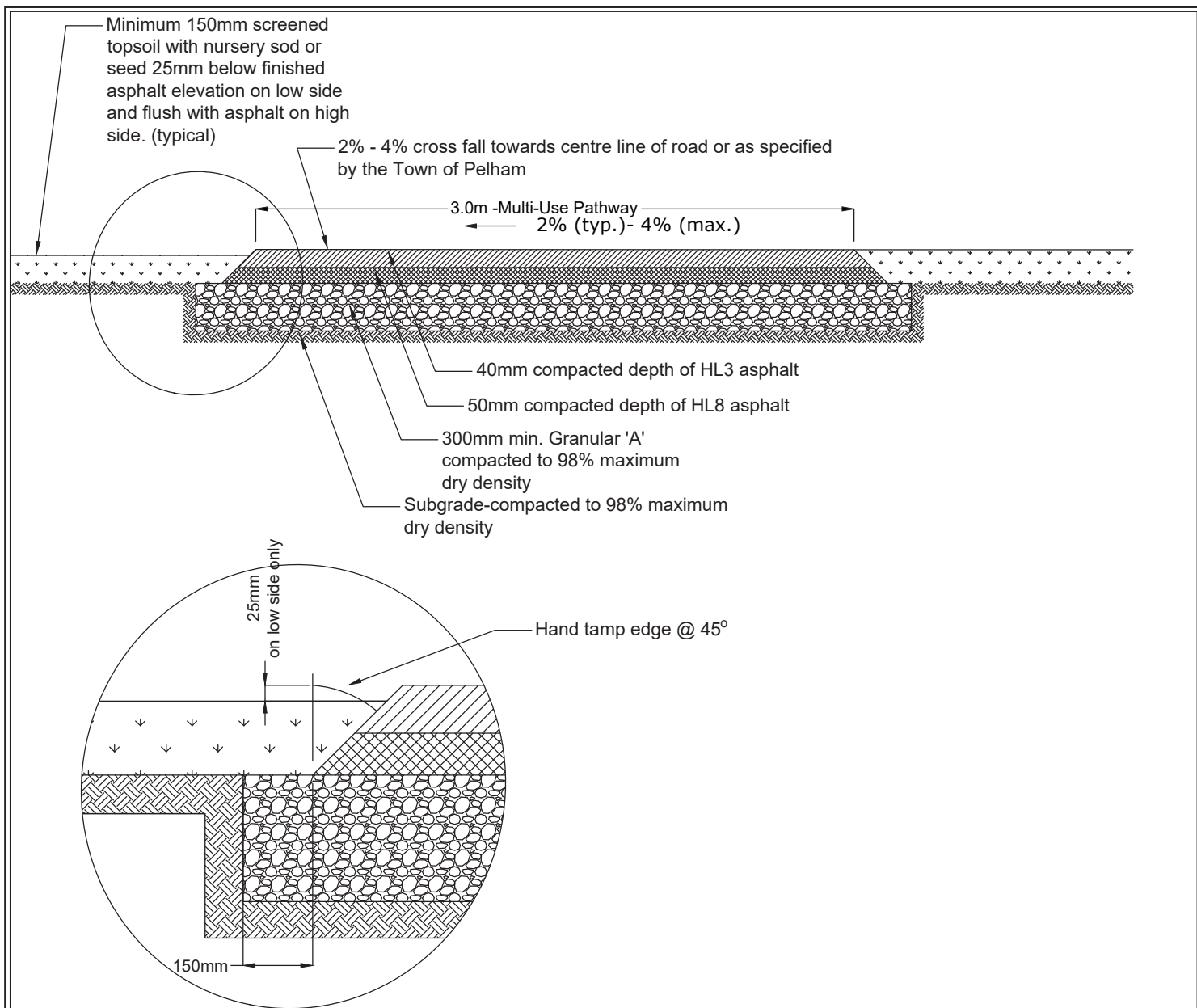
Checked _____
 Approved _____
 Scale NTS
 DWG Date Jan 2009
 Rev. No. 1
 Rev. Date Feb 2026

Drawing Title:

Temporary Asphalt
 Sidewalk

 **Pelham**
 NIAGARA

DWG 210



Detail 'A'

Notes:

1. Backfill material adjacent to the asphalt edge shall be well compacted.
2. Landscaping to blend with contour of existing ground.
3. Running slope max.=5.0%.
4. Head room clearance from sidewalk to vegetation/obstruction min.=2.1m.
5. The standard 3.0m width may be reduced upon approval by the Town.

All dimensions in millimetres except where noted

Checked _____
 Approved _____
 Scale NTS
 DWG Date Feb 2026
 Rev. No. 1
 Rev. Date Oct 2018

Drawing Title:

Multi-Use Pathway

Pelham
 NIAGARA

DWG 214

Notes:

1. Signage, pavement markings, including crossride layout as per OTM.
2. All signalized intersection crossing markings shall be the combined crossride crossing type.
3. All non-signalized intersections and major driveways shall be a mixed crossride.
4. MUP centrelines shall be a 100mm solid yellow line.
5. Green conflict paint shall be applied at high volume entrances.
6. User symbols, such as stylized bicycle and walking pedestrian stencil/icon, shall be applied at intersections and repeated as required.
7. Sign mounting heights and lateral offsets shall be in accordance with OTM Book 1B, Section 12.
8. Warning signs placed as per OTM Book 6, "warning signs".

Sign Code	Sign
Rb-71	 Shared Pathway
Rb-73	 Yield to Pedestrians
Wc-15	 Pedestrians and Bicycle Crossing Ahead
Wc-32t	 Crossing
Wc-38	 Slow, Watch for Turning Vehicles
Wc-44R Wc-44L	 Bicycle Crossing Side Right/Left

All dimensions in millimetres except where noted

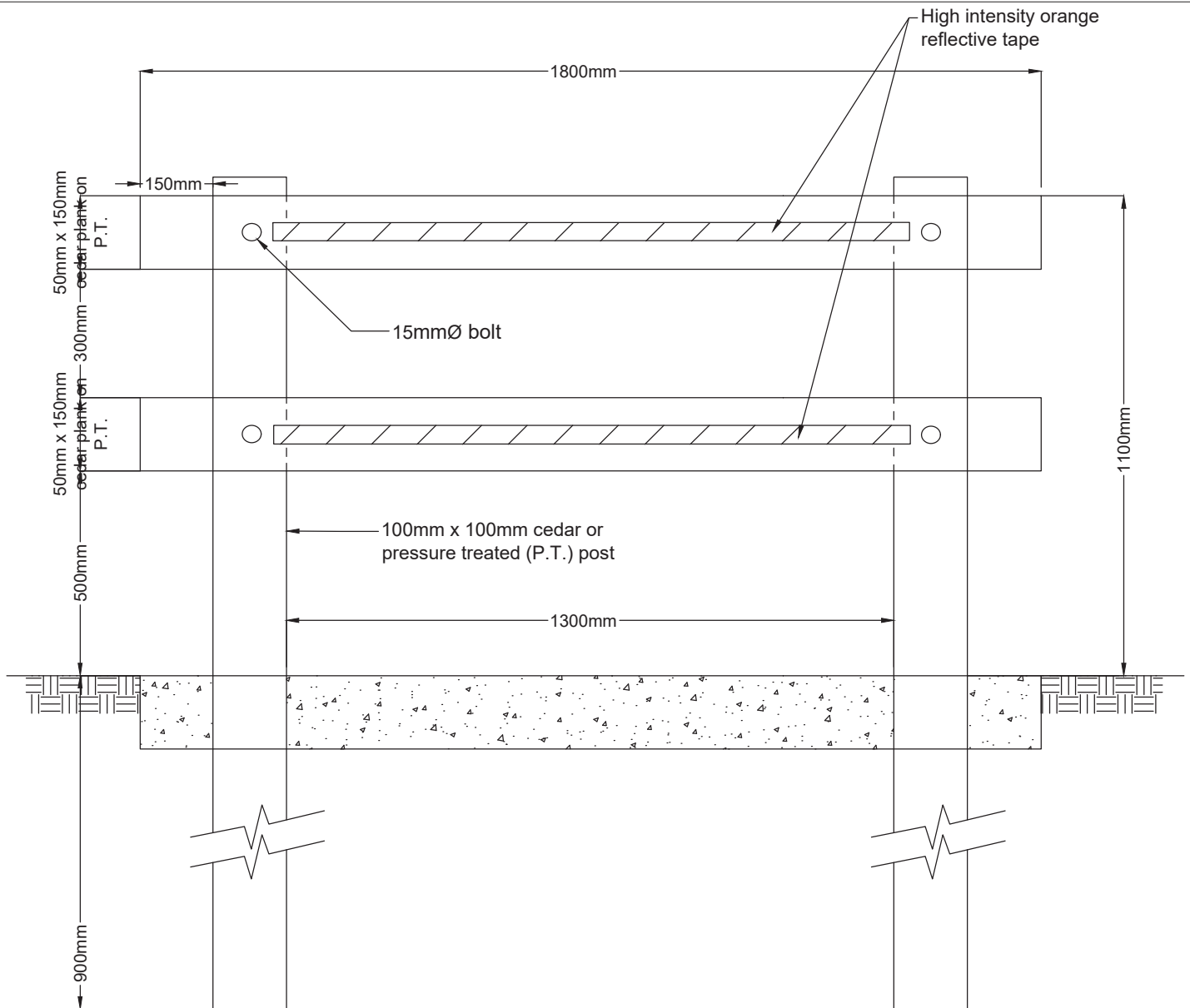
Checked _____
 Approved _____
 Scale NTS
 DWG Date June 2022
 Rev. No. 1
 Rev. Date April 2026

Drawing Title:

MUP Signage and Pavement Markings
 Notes



DWG 214.30



Notes:

1. To be used at end or side of sidewalk where grade difference would cause a pedestrian hazard.
2. Orange high intensity reflective tape to be applied to cross planks.
3. Cross cedar planks to be painted white.

All dimensions in millimetres except where noted

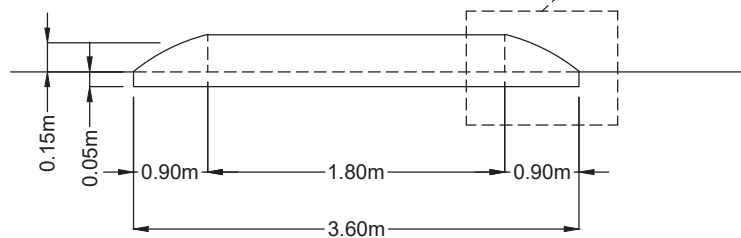
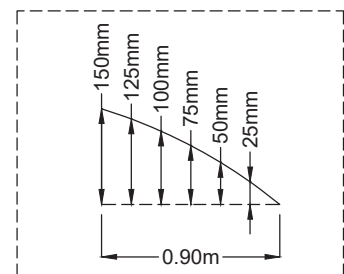
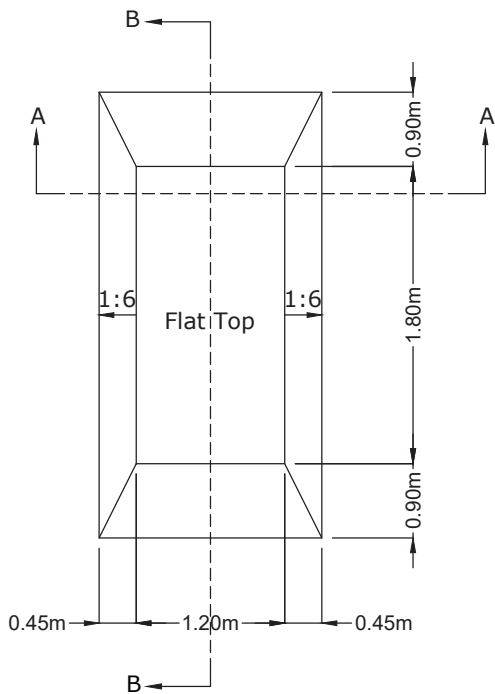
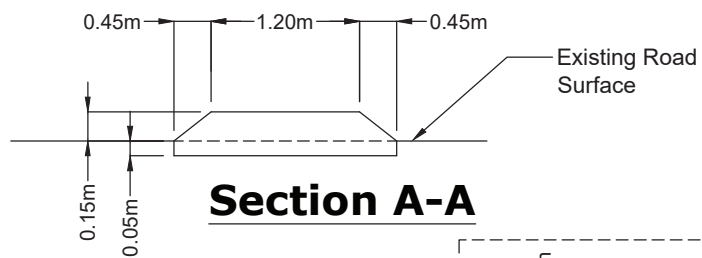
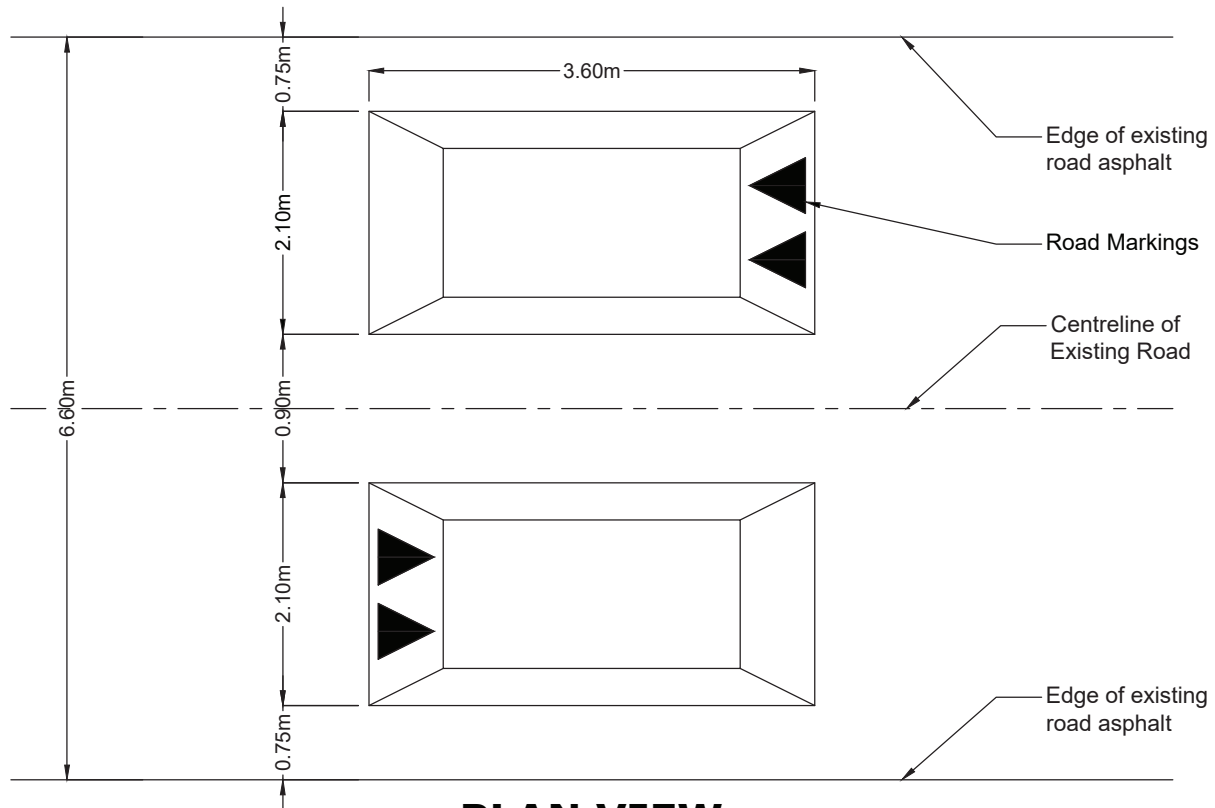
Checked _____
 Approved _____
 Scale NTS
 DWG Date Feb 2026
 Rev. No. 1
 Rev. Date Aug 2015

Drawing Title:

Temporary Sidewalk Barricade

Pelham
 NIAGARA

DWG 215



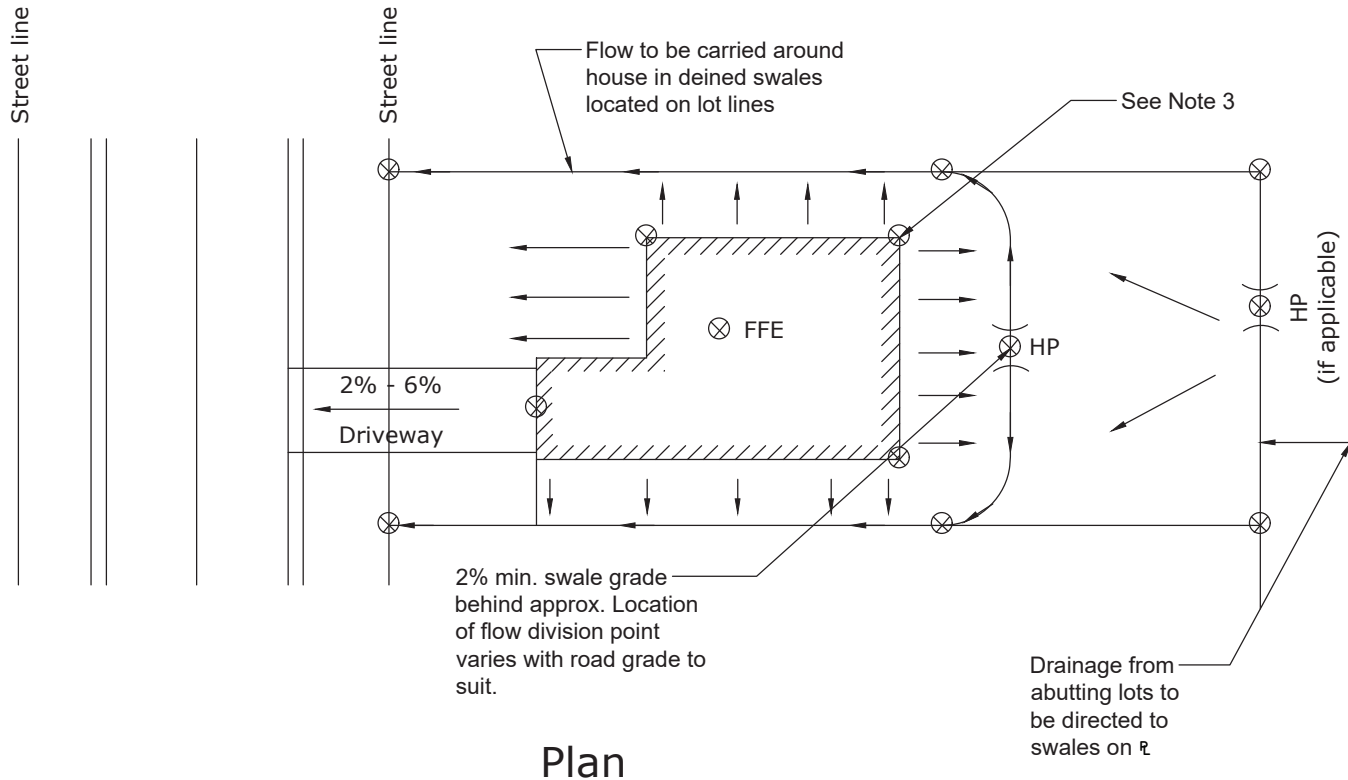
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 Scale NTS
 DWG Date June 2022
 Rev. No. 1
 Rev. Date Feb 2026

Drawing Title:

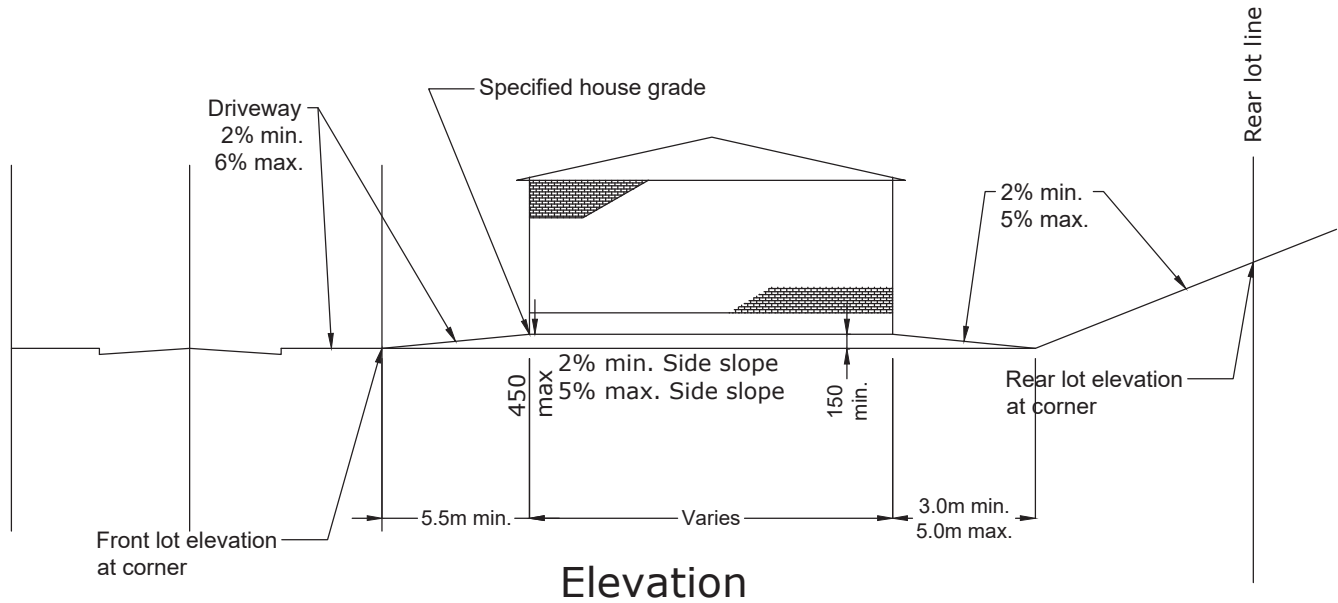
Speed Cushion

Pelham
 NIAGARA

DWG 216



Plan



Elevation

Notes:

1. Specified house grade shall be a minimum of 300mm above the highest front lot corner or 450mm above the lowest front lot corner, whichever is higher.
2. Refer to Town of Pelham standard #303 for lot grading notes.
3. Maximum grade differential from the center rear of the house to either rear corner shall be designed not to exceed 0.10m. Exceedances to be approved at discretion of commissioner of public works.
4. ⊗ Minimum mandatory survey locations far as-built lot grading certification.

All dimensions in millimetres except where noted

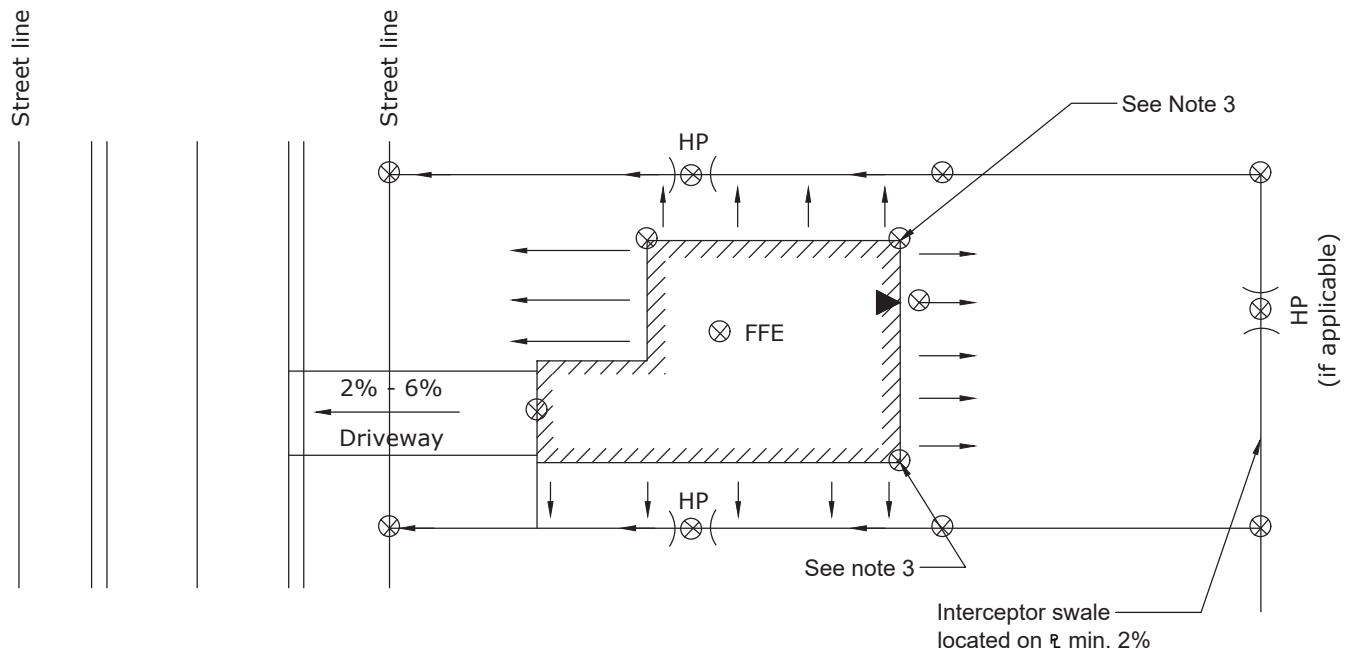
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 Scale NTS
 DWG Date Oct 2018
 Rev. No. 1
 Rev. Date Feb 2026

Drawing Title:

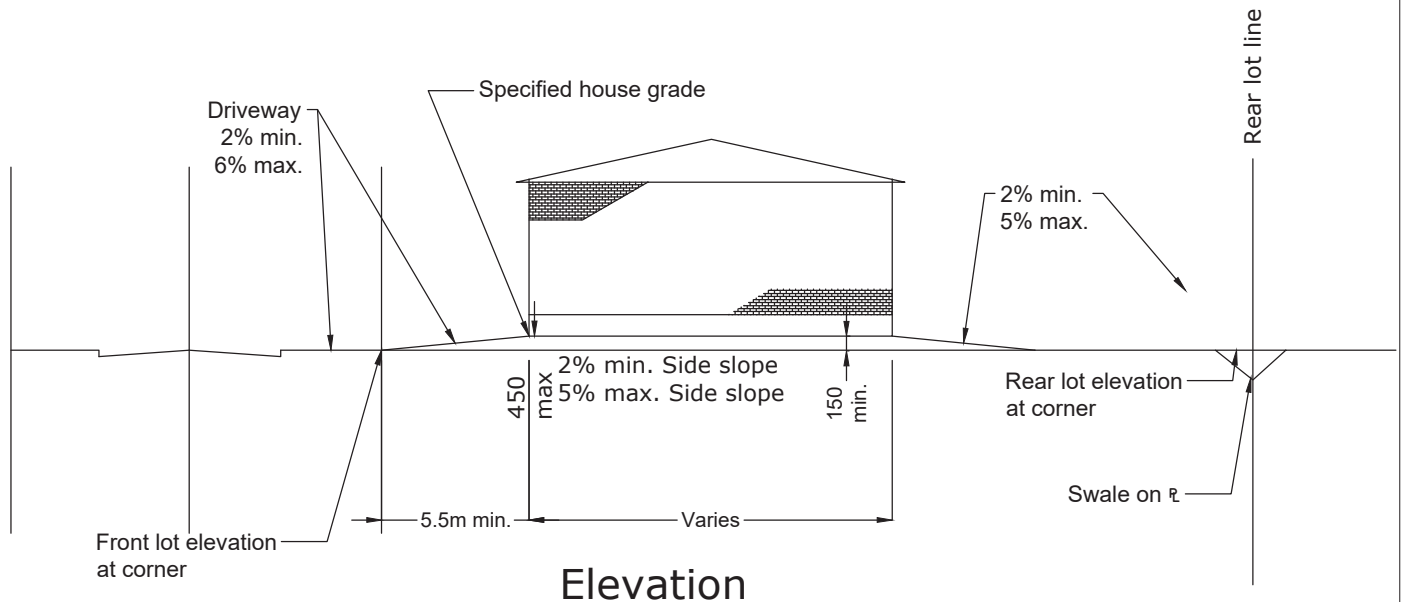
Typical Front Lot Drainage

Pelham
 NIAGARA

DWG 300



Plan



Elevation

Notes:

1. Specified house grade shall be a minimum of 300mm above the highest front.
2. Refer to Town of Pelham standard #303 for lot grading notes.
3. Maximum grade differential from the center rear of the house to either rear corner shall be designed not to exceed 0.20m. Exceedances to be approved at discretion of commissioner of public works.
4. ⊗ Minimum mandatory survey locations for as-built lot grading certification.

All dimensions in millimetres except where noted

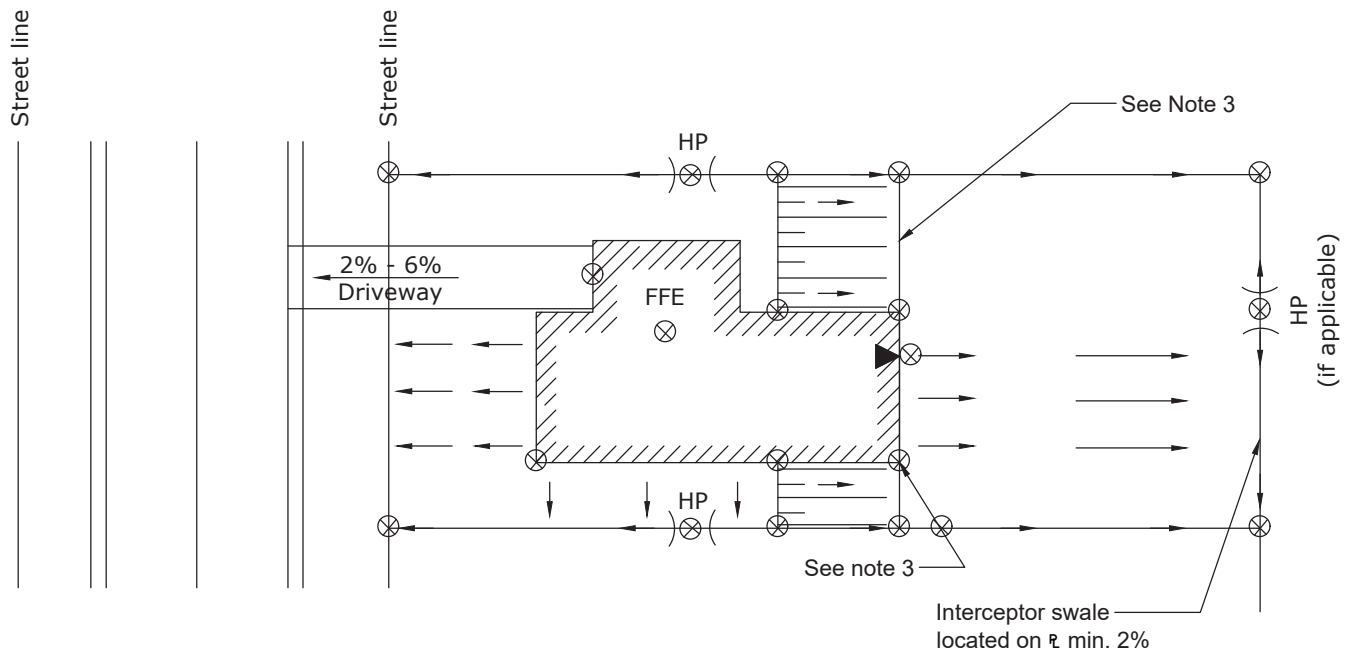
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 Scale NTS
 DWG Date Jan 1993
 Rev. No. 5
 Rev. Date Feb 2026

Drawing Title:

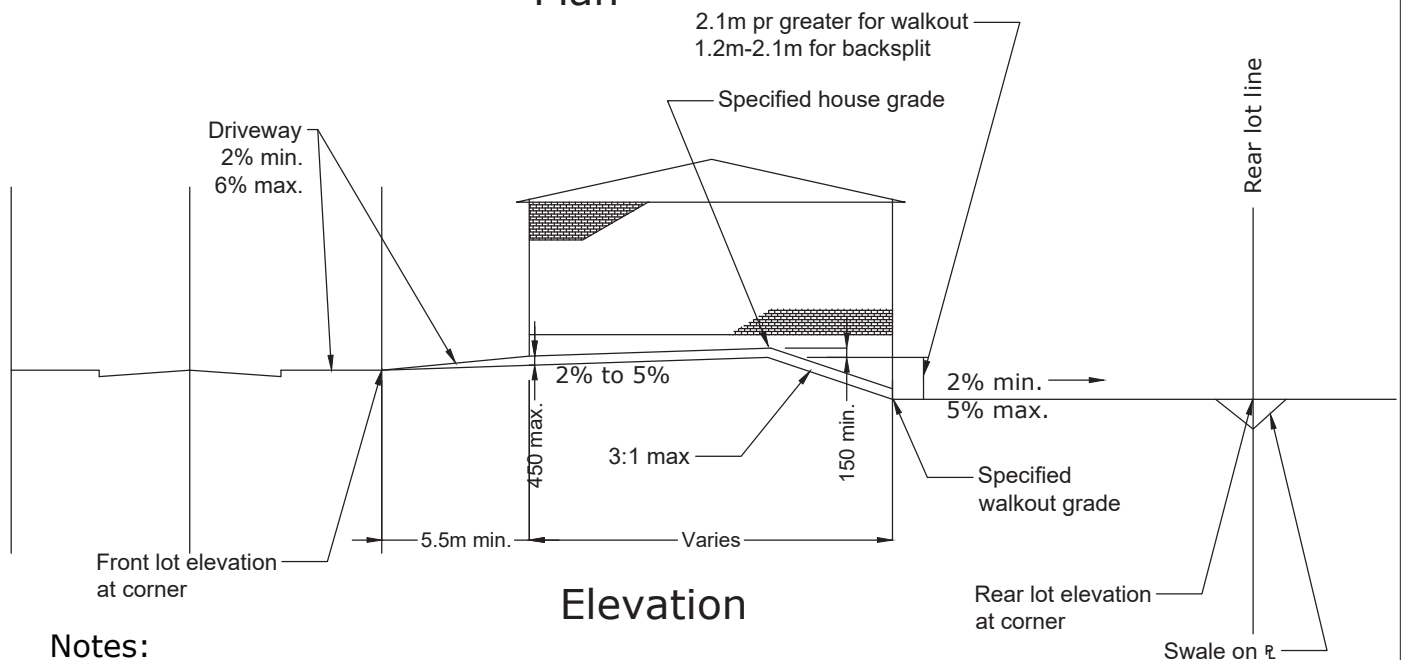
Rear Lot Drainage

Pelham
 NIAGARA

DWG 301



Plan



Elevation

Notes:

1. Specified house grade shall be a minimum of 300mm above the highest front.
2. Refer to Town of Pelham standard #303 for lot grading notes.
3. Maximum grade differential from the center rear of the house to either rear corner shall be designed not to exceed 0.20m. Exceedances to be approved at discretion of commissioner of public works.
4. ⊗ Minimum mandatory survey locations for as-built lot grading certification.

All dimensions in millimetres except where noted

Checked _____
 Approved _____
 Scale NTS
 DWG Date Jan 1993
 Rev. No. 1
 Rev. Date Feb 2026

Drawing Title:

Rear Lot Drainage For Walkout
 Or Backsplit House

Pelham
 NIAGARA

DWG 302

The following standard notes shall appear on all general grading plans and apply to all individual siting plans

1. Prior to submitting individual siting plans for Engineering Department grading approval at the building permit stage, the builder shall have the siting:
 - i. Approved by the subdivider's consulting engineer to ensure that the grading and drainage patterns conform to the approved general grading plans.
 - ii. Approved by the planning department of the Town of Pelham for architectural control.
 - iii. Approved by the planning/building department of the Town of Pelham for zoning conformity.
 - vi. Include as constructed water, sanitary and storm service connection invert elevations for each lot.
2. Exposed foundation walls shall be designed to extend not less than 150mm above finished above ground level. As-constructed exterior foundation wall shall comply with the Ontario building code.
3. Where indicated on this plan, lots which abut subdivision limit shall be graded to provide a 0.6m strip of undisturbed land adjacent to the subdivision limit until such time as final grading works are undertaken.
4. For grading design criteria, see Town of Pelham engineering criteria section D2.01.
5. Drainage swales shall be constructed by the builder on the property line and to the grades, depths and sections specified herein (and in accordance with Town of Pelham Engineering Design criteria section D2.02):
 - i. Minimum depth = 0.15m maximum depth = 0.45m
 - ii. Minimum grade = 2.0% maximum grade = 5.0%
 - iii. Maximum side slopes = 3:1
6. For rear to front draining lots the rear apron swale shall be designed to promote drainage to wider side yard.
7. Rear yards shall be designed for a minimum of 7.0m with a maximum grade of 5%. As-built swales up to the maximum 0.45m depth may be included within the 7.0m.
8. Driveways shall not be used as an outlet for any side yard swales.
9. Driveways shall have a design grade range from 2% to 8% as per Town of Pelham Standard No. 304 and constructed as per standard No. 305.
10. Refer to sections D2.01 and E2.00 of the engineering criteria for retaining wall requirements.
11. When separation between houses is 1.8m or less the builder shall place 19mm clear stone to a depth of 100mm (on filter cloth) in place of sod. A positive grade away from the house at final grade level is mandatory, prior to placing stone.
12. A minimum of 1.0m at 2-5% grade shall be maintained adjacent to walkways, around the exterior perimeter of corner lots and where pedestrian foot traffic is reasonably anticipated.
13. Only one walkway riser shall be permitted within 1.0m of the driveway.
14. The minimum required house elevations that must be shown are:
 - i. FFE - finished floor elevation
 - ii. TFW - top of foundation wall
 - iii. FBS - finished basement slab
 - iv. MBE - minimum basement elevation (if applicable)
 - v. USF - underside of footing
 - vi. Max. USF - maximum underside of footing (if applicable)where the above elevations change throughout the building envelope, the siting plan shall clearly indicate all elevations and limits of change.
15. Roof leader connections shall be as per Design Criteria section B3.13, and/or as per the approved engineering plans.

All dimensions in millimetres except where noted

Checked _____
Approved _____
Scale NTS
DWG Date Jan 1993
Rev. No. 1
Rev. Date Feb 2026

Drawing Title:

**Standard Notes for
Lot Grading Plans**



DWG 303

Foundation Control Certificate

Municipal address(es): _____

Name of Subdivision: _____

Subdivision No.: _____

Lot/Block No.: _____

Registered Plan No.: _____

Attention: Engineering Department

By my/our signature hereunder, I/we certify that the control elevations of the above noted lot(s) have been checked and;

- a) Confirm that the foundation control elevations conform to the elevations shown on the site grading plan submitted with the Building Permit Application
- b) Confirm that the foundation "as constructed" will not impede that completion of the lot grading in accordance with the approved Lot Grading Plan.
- c) Confirm that the foundation "as constructed" will permit the construction of the garage floor at an elevation to provide for grading of the driveway in conformity with the Town of Pelham Design Criteria and Engineering Standards, including consideration of the proposed sidewalk and/or curbs abutting the lot.

Name of Company

Name of Person Signing for Firm

Position of Person Signing for Firm

Date

All dimensions in millimetres except where noted

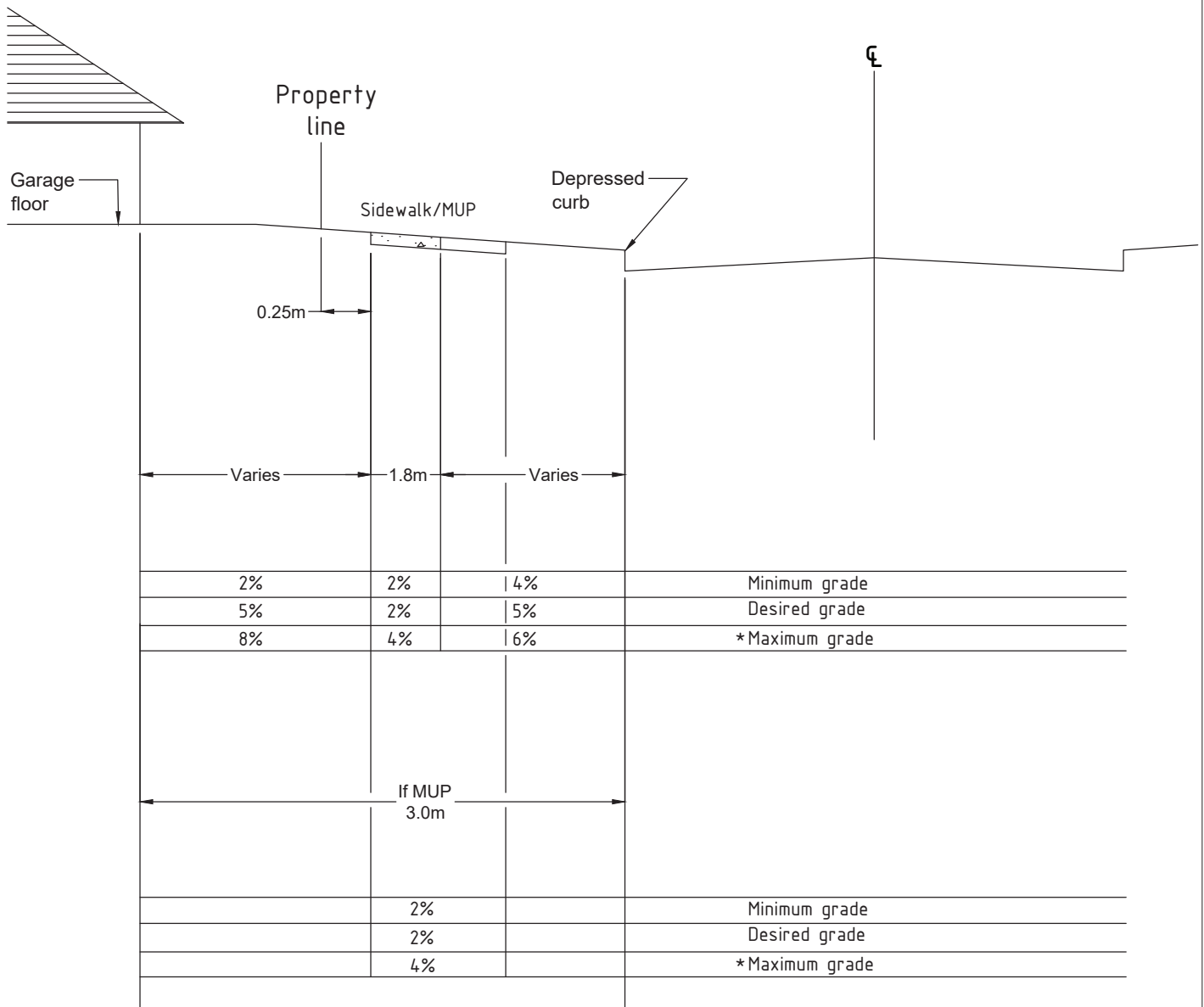
Checked _____
Approved _____
Scale NTS
DWG Date Jan 2009
Rev. No. 1
Rev. Date Feb 2026

Drawing Title:

Foundation Control Certificate



DWG 303.10



Notes:

1. The maximum design grade for an access driveway shall be 6%. The maximum as-built grade for an access driveway shall be 8%.

All dimensions in millimetres except where noted

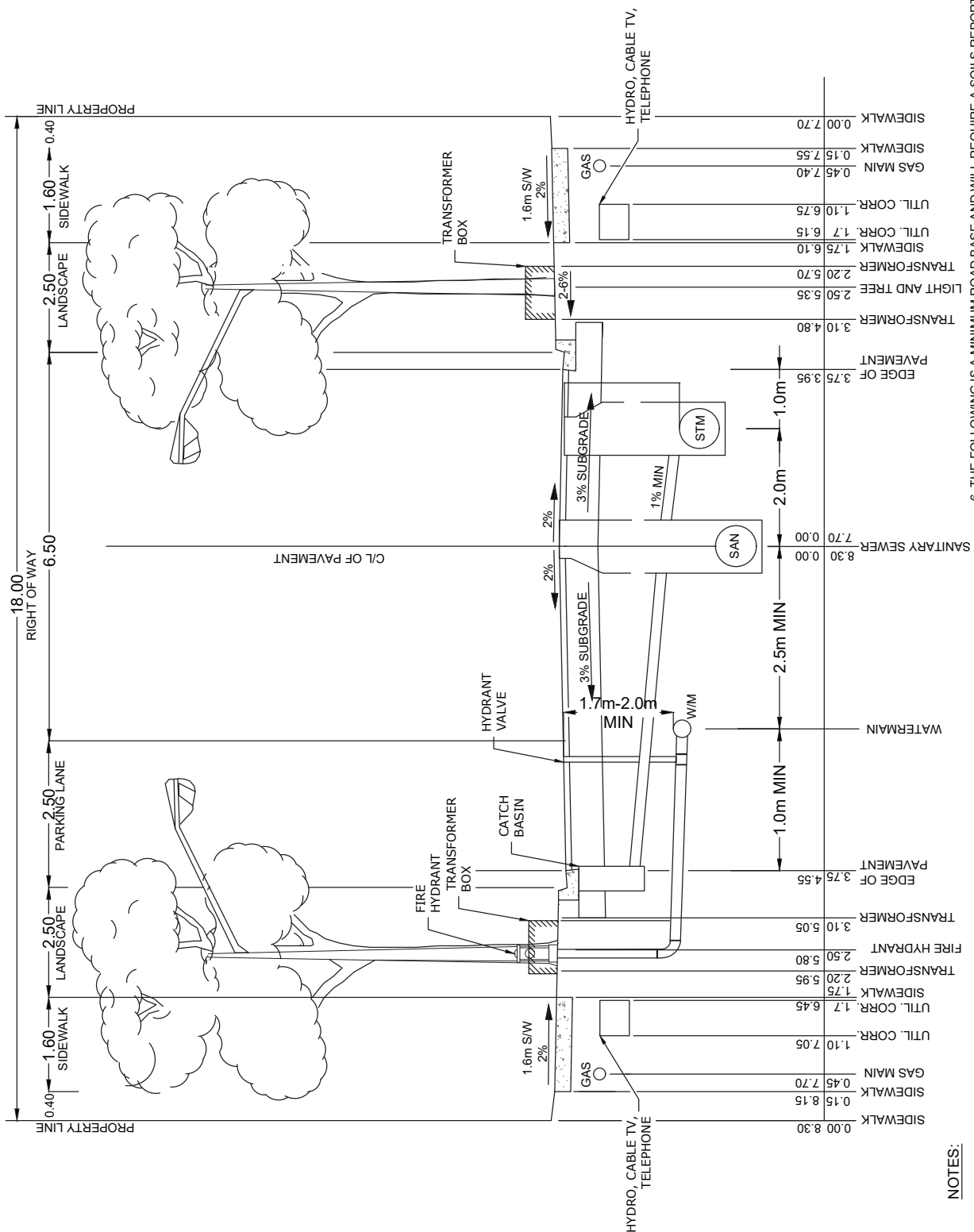
Checked _____
 Approved _____
 Scale NTS
 DWG Date Jan 1993
 Rev. No. 1
 Rev. Date Feb 2026

Drawing Title:

Driveway Profiles

Pelham
 NIAGARA

DWG 304



NOTES:

1. UTILITY CORRIDOR SHALL BE 0.6m WIDE.
2. UTILITY CORRIDOR TO HAVE A MINIMUM COVER OF 0.9m.
3. WATERMAIN TO HAVE MINIMUM COVER OF 1.7m FOR 350mm DIAMETER AND 2.0m FOR 400mm DIAMETER AND LARGER.
4. CLEAR SEPARATION BETWEEN WATERMAIN AND SEWERS SHALL BE AS PER MOE REQUIREMENTS
5. JOINT USE TRENCHES SHALL BE USED BY HYDRO AND TELECOMMUNICATION.
6. THE FOLLOWING IS A MINIMUM ROAD BASE AND WILL REQUIRE A SOILS REPORT VERIFICATION TO DETERMINE IF ADDITIONAL THICKNESS IS REQUIRED.
40mm HL3
50mm HL4
450mm GRANULAR "A"
7. THE BOULEVARDS REQUIRE A MINIMUM OF 150mm OF TOPSOIL AND NURSERY SOD.
8. SUB-GRADE SHALL BE COMPACTED TO 100% OF STANDARD PROCTOR DENSITY AT MAXI. DRY DENSITY.

All dimensions in millimetres except where noted

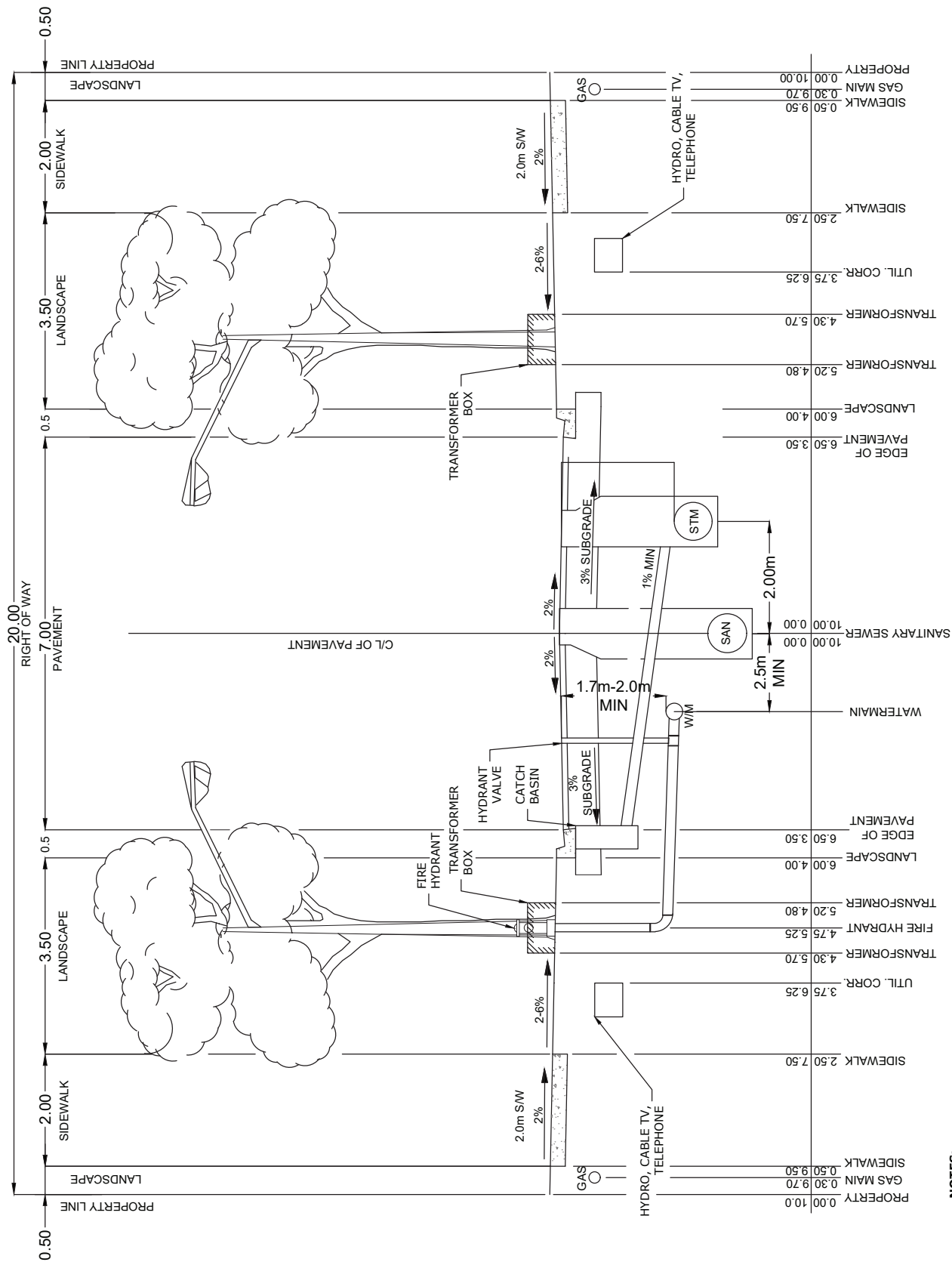
Checked _____
Approved _____
Scale NTS
DWG Date Feb 2017
Rev. No. 1
Rev. Date Feb 2026

Drawing Title:

Local Urban Street
18m R.O.W. with Parking



DWG 400



NOTES:

- UTILITY CORRIDOR SHALL BE 0.6m WIDE.
- UTILITY CORRIDOR TO HAVE A MINIMUM COVER OF 0.9m.
- WATERMAIN TO HAVE MINIMUM COVER OF 2.0m FOR 350mm Ø AND 1.8m FOR 400mm Ø AND LARGER.
- CLEAR SEPARATION BETWEEN WATERMAIN AND SEWERS SHALL BE AS PER MOE REQUIREMENTS.
- JOINT USE TRENCHES SHALL BE USED BY HYDRO AND TELECOMMUNICATION.
- THE FOLLOWING IS A MINIMUM ROAD BASE AND WILL REQUIRE A SOILS REPORT VERIFICATION TO DETERMINE IF ADDITIONAL THICKNESS IS REQUIRED.
40mm HL3
80mm HL8
525mm GRANULAR "A"
- THE BOULEVARDS REQUIRE A MINIMUM OF 150mm OF TOPSOIL AND NURSERY SOD.
- SUB-GRADE SHALL BE COMPACTED TO 100% OF STANDARD PROCTOR DENSITY AT MAXIMUM DRY DENSITY.

All dimensions in millimetres except where noted

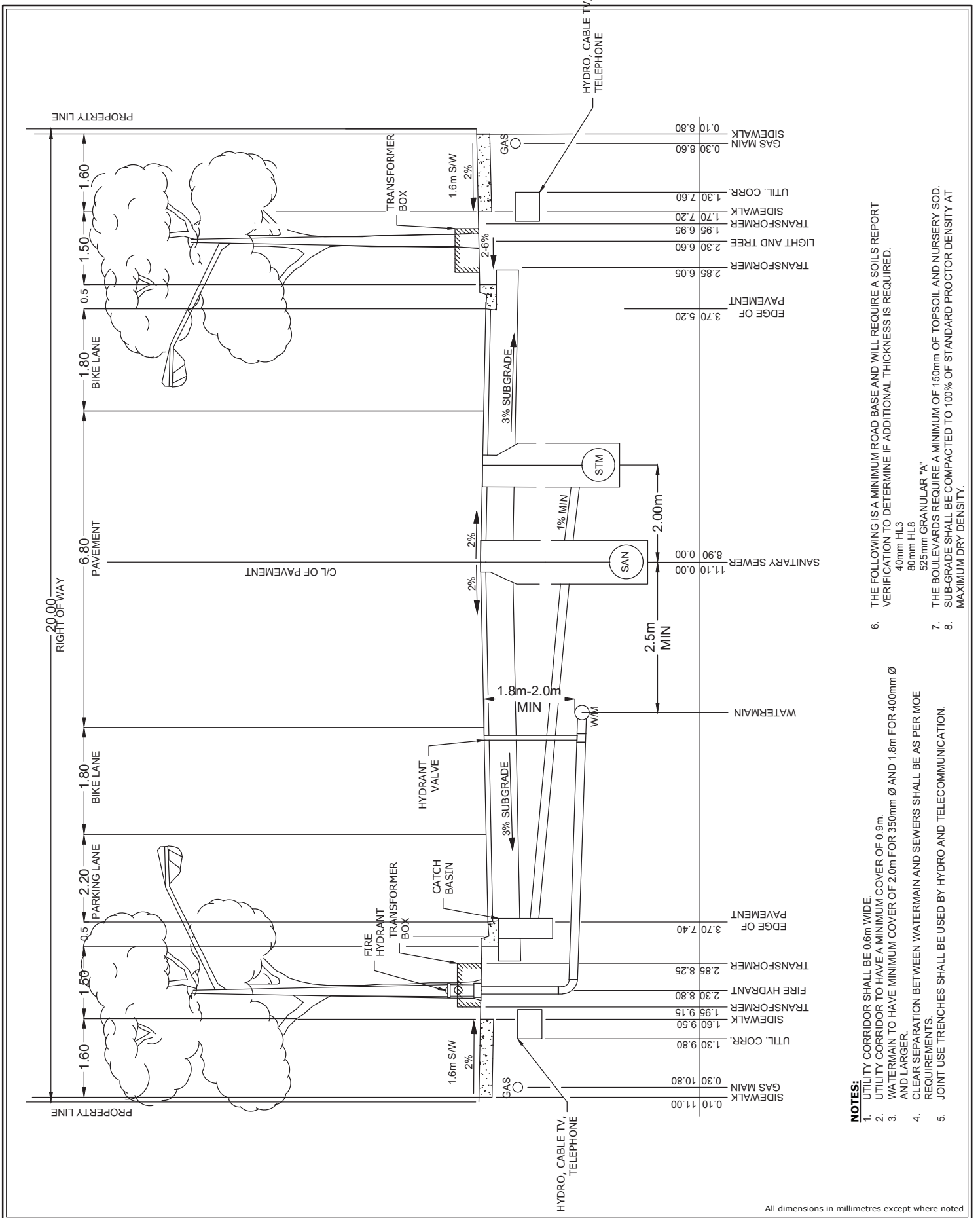
Checked _____
Approved _____
Scale NTS
DWG Date Feb 2017
Rev. No. 1
Rev. Date Feb 2026

Drawing Title:

Arterial / Collector (Urban)
20m R.O.W. without Parking



DWG 400.20



NOTES:

- UTILITY CORRIDOR SHALL BE 0.6m WIDE
- UTILITY CORRIDOR TO HAVE A MINIMUM COVER OF 0.9m.
- WATERMAIN TO HAVE MINIMUM COVER OF 2.0m FOR 350mm Ø AND 1.8m FOR 400mm Ø AND LARGER.
- CLEAR SEPARATION BETWEEN WATERMAIN AND SEWERS SHALL BE AS PER MOE REQUIREMENTS.
- JOINT USE TRENCHES SHALL BE USED BY HYDRO AND TELECOMMUNICATION.
- THE FOLLOWING IS A MINIMUM ROAD BASE AND WILL REQUIRE A SOILS REPORT VERIFICATION TO DETERMINE IF ADDITIONAL THICKNESS IS REQUIRED.
- THE BOULEVARDS REQUIRE A MINIMUM OF 150mm OF TOPSOIL AND NURSERY SOD. SUB-GRADE SHALL BE COMPACTED TO 100% OF STANDARD PROCTOR DENSITY AT MAXIMUM DRY DENSITY.
- 52.5mm GRANULAR "A"
40mm HL3
80mm HL8

All dimensions in millimetres except where noted

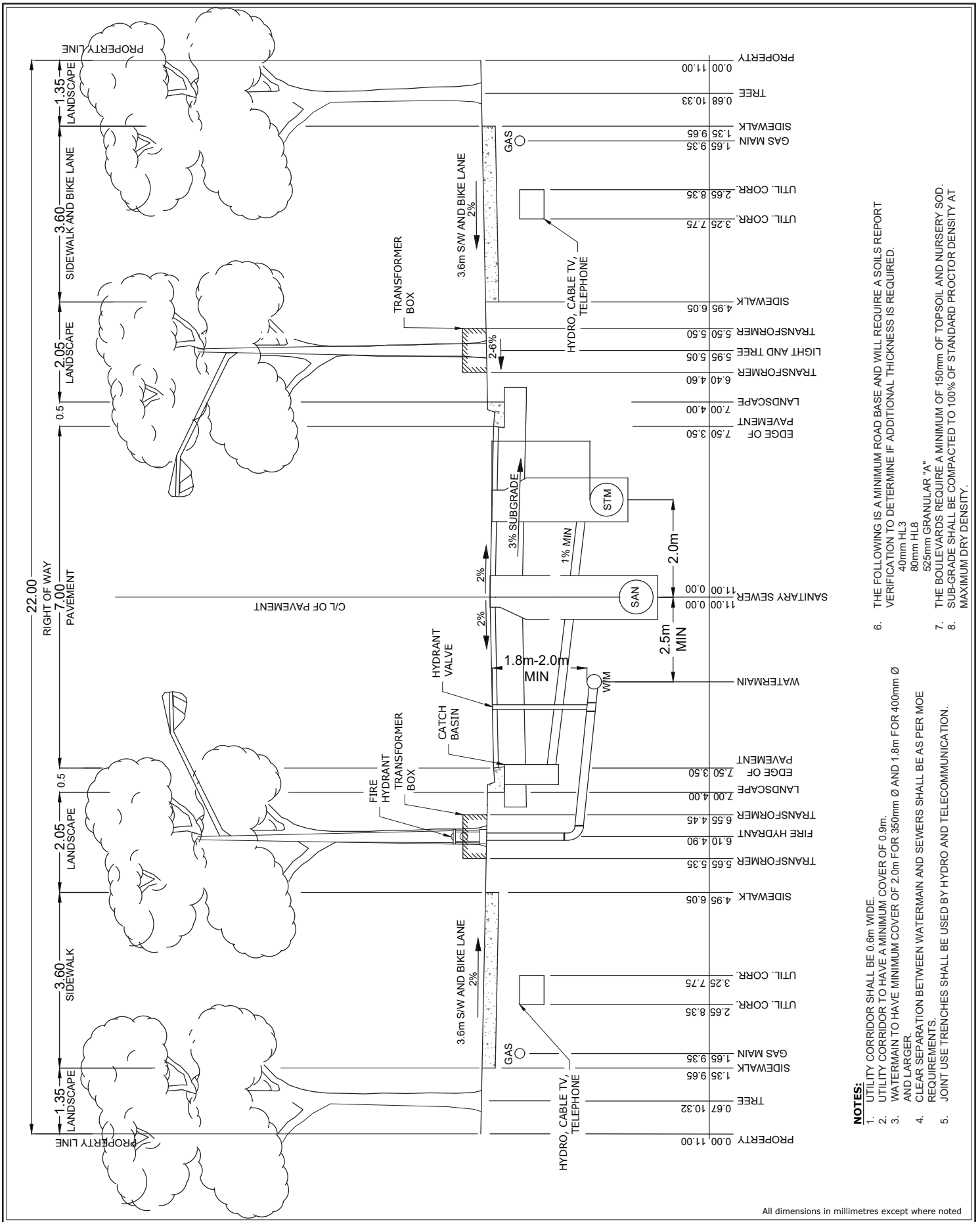
Checked _____
Approved _____
Scale NTS
DWG Date Feb 2017
Rev. No. 1
Rev. Date Feb 2026

Drawing Title:

Collector Urban Main Street
20m R.O.W. with Parking on One Side



DWG 401



All dimensions in millimetres except where noted

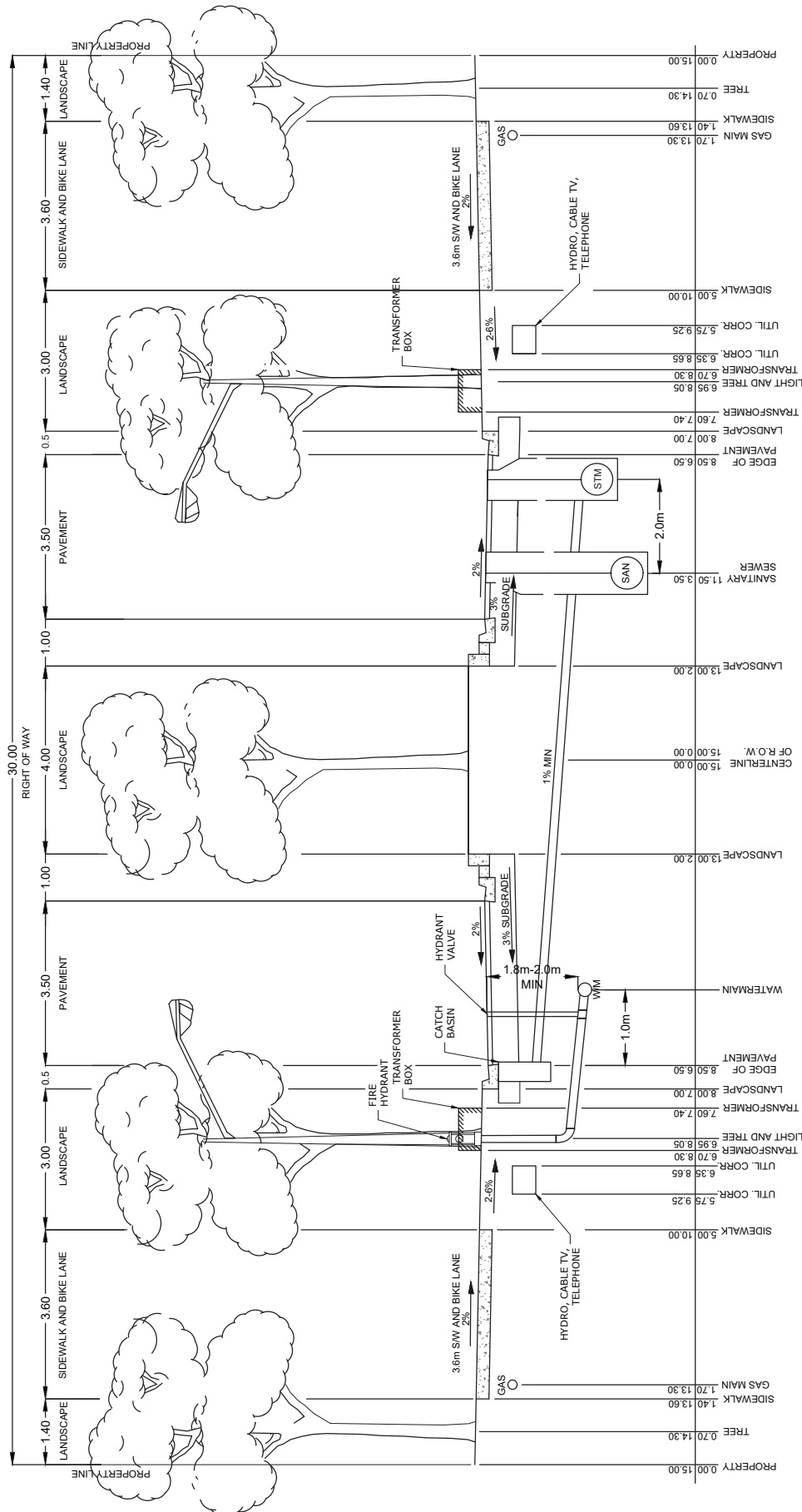
Checked _____
 Approved _____
 Scale NTS
 DWG Date Feb 2017
 Rev. No. 1
 Rev. Date Feb 2026

Drawing Title:

Collector Mixed Use Main Street
 22m R.O.W. Shared Continuous Paving



DWG 402.10



NOTES:

- UTILITY CORRIDOR SHALL BE 0.6m WIDE.
- UTILITY CORRIDOR TO HAVE A MINIMUM COVER OF 0.9m.
- WATERMAIN TO HAVE MINIMUM COVER OF 2.0m FOR 350mm Ø AND 1.8m FOR 400mm Ø AND LARGER.
- CLEAR SEPARATION BETWEEN WATERMAIN AND SEWERS SHALL BE AS PER MOE REQUIREMENTS.
- JOINT USE TRENCHES SHALL BE USED BY HYDRO AND TELECOMMUNICATION.
- THE FOLLOWING IS A MINIMUM ROAD BASE AND WILL REQUIRE A SOILS REPORT VERIFICATION TO DETERMINE IF ADDITIONAL THICKNESS IS REQUIRED.
40mm HL3
525mm GRANULAR "A"
- THE BOULEVARDS REQUIRE A MINIMUM OF 150mm OF TOPSOIL AND NURSERY SOD.
- SUB-GRADE SHALL BE COMPACTED TO 100% OF STANDARD PROCTOR DENSITY AT MAXIMUM DRY DENSITY.

All dimensions in millimetres except where noted

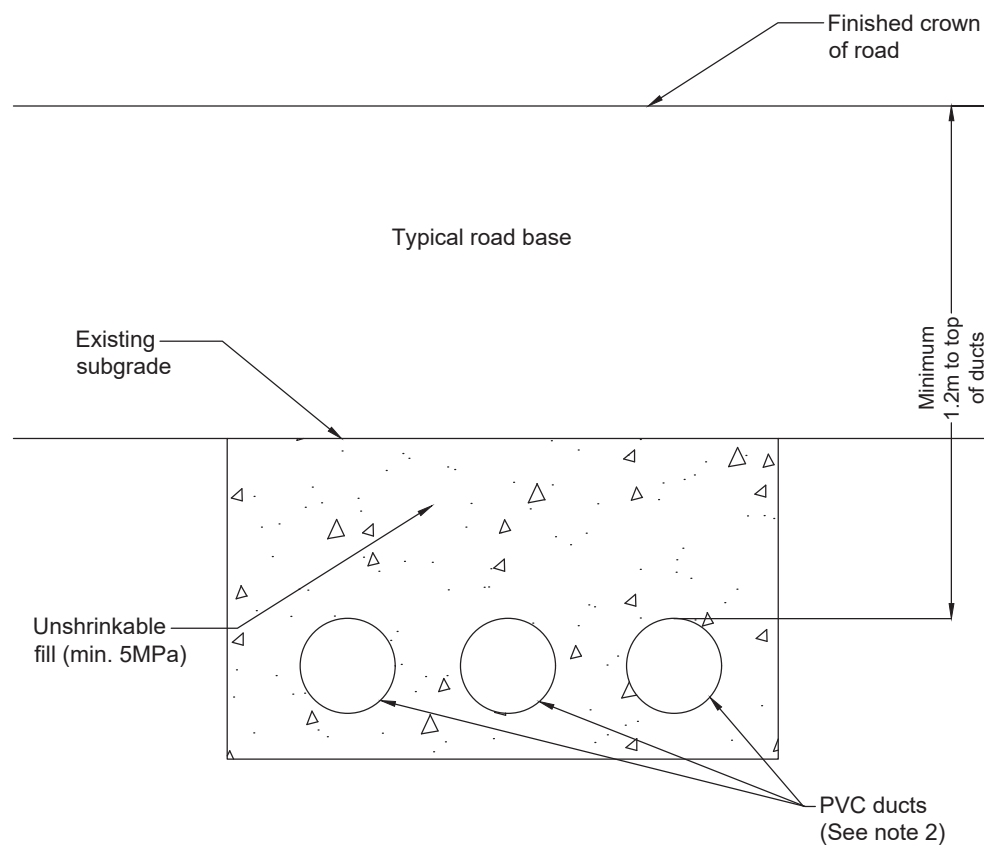
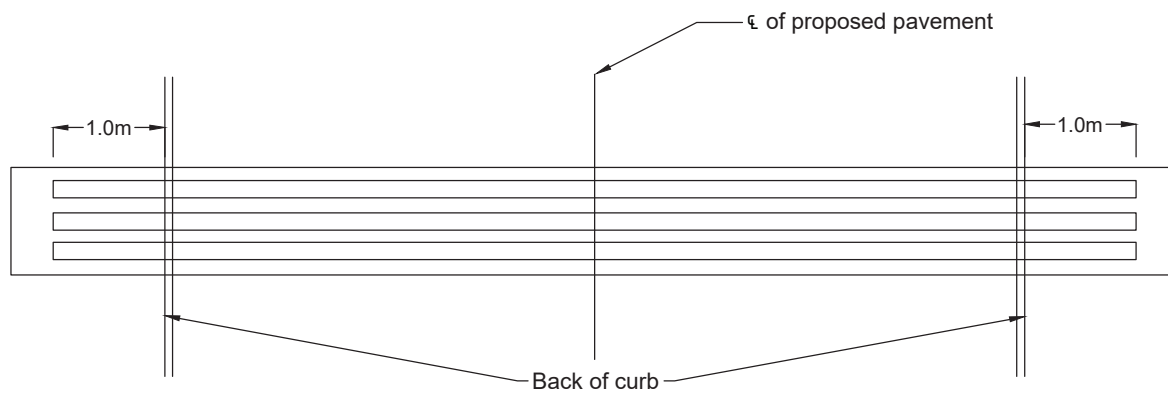
Checked _____
Approved _____
Scale NTS
DWG Date Feb 2017
Rev. No. 1
Rev. Date Feb 2026

Drawing Title:

Arterial / Collector
30m R.O.W, with Separated Median



DWG 403



Notes:

1. Crossing location and number of ducts to be stated on all construction drawings.
2. All ducts and spacing as per utility specifications.
3. All ducts to be installed prior to placement of road base.
4. End of ducts to be staked
5. This is a minimum standard and shall be superseded by more stringent requirements if requested by utility companies.

All dimensions in millimetres except where noted

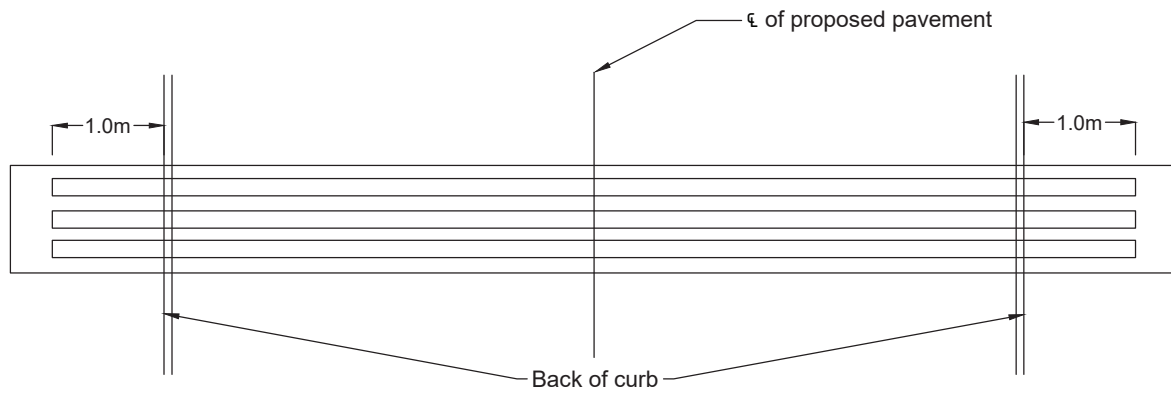
Checked _____
 Approved _____
 Scale NTS
 DWG Date June 1999
 Rev. No. 1
 Rev. Date April 2026

Drawing Title:

Utility Duct Road Crossing Detail
 for Existing Roads

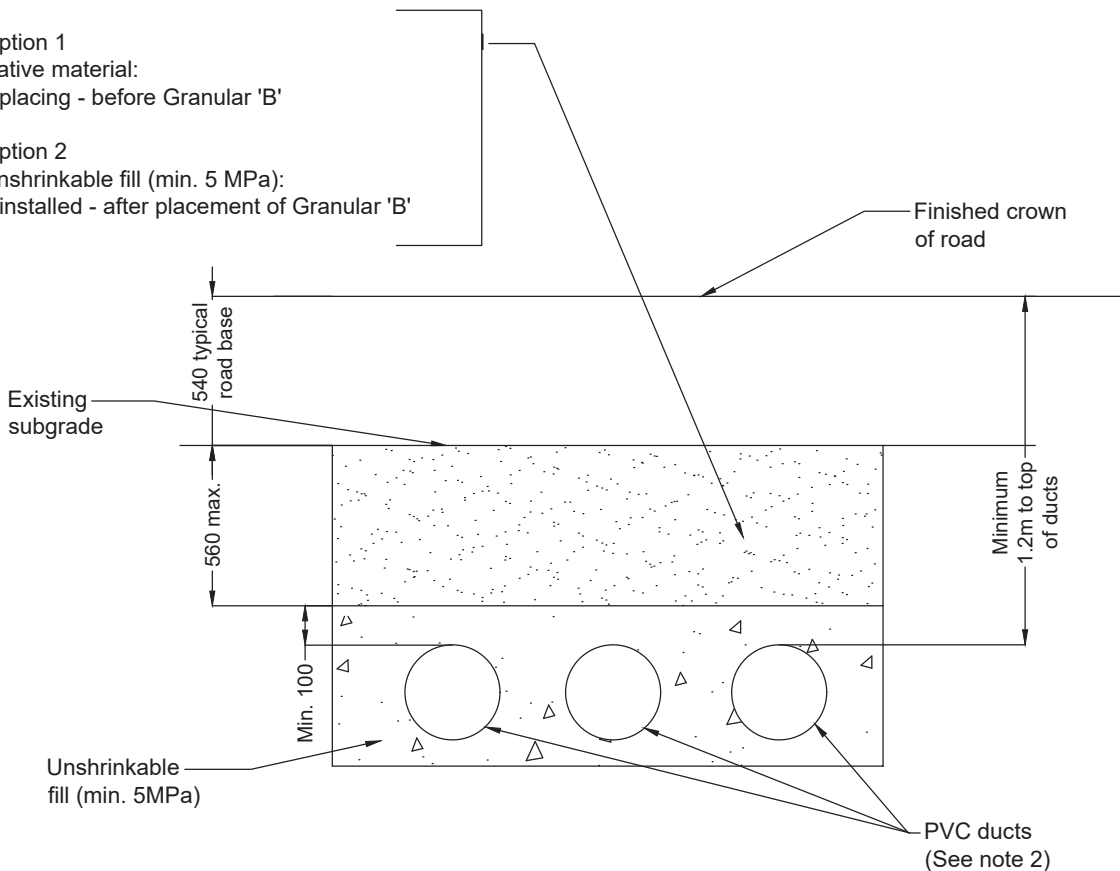
Pelham
 NIAGARA

DWG 404



Plan

- Option 1
Native material:
If placing - before Granular 'B'
- Option 2
Unshrinkable fill (min. 5 MPa):
If installed - after placement of Granular 'B'



Section

Notes:

1. Crossing location and number of ducts to be stated on all construction drawings.
2. All ducts and spacing as per utility specifications.
3. All ducts to be installed prior to placement of road base.
4. End of ducts to be staked
5. This is a minimum standard and shall be superseded by more stringent requirements if requested by utility companies.

All dimensions in millimetres except where noted

Checked _____
Approved _____
Scale NTS
DWG Date June 1999
Rev. No. 1
Rev. Date April 2026

Drawing Title:

Utility Duct Road Crossing Detail
for New Subdivision

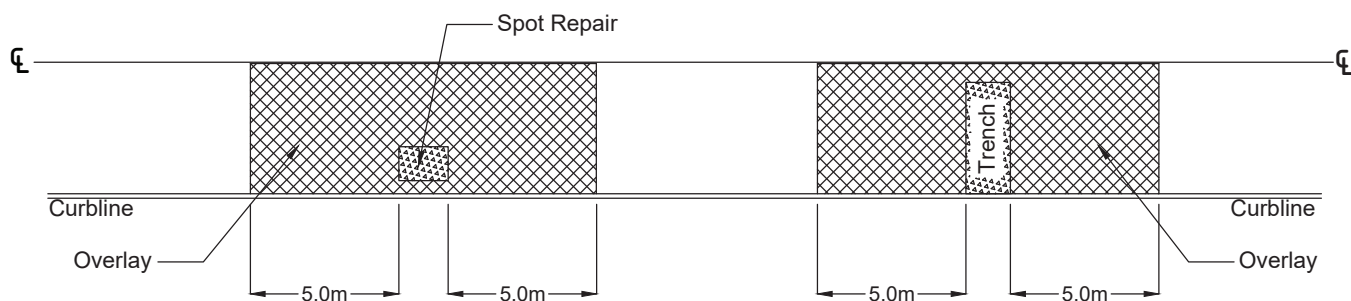
Pelham
NIAGARA

DWG 404.10

DWG 404.30

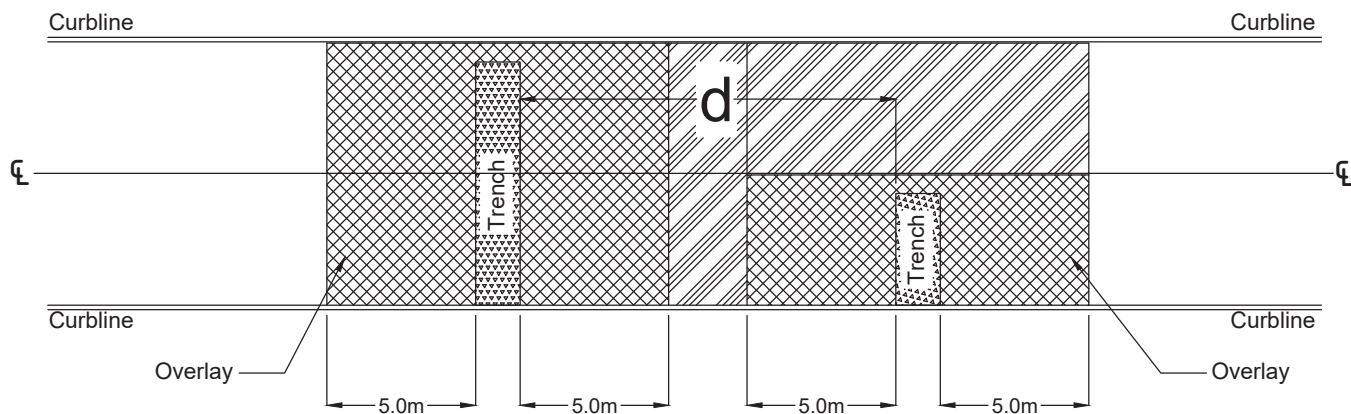
Curbline

Curbline



Single Trench or Spot Repair Asphalt Restoration

Restoration Requirements	
Single Trench or Spot Repair	Single lane width + 5m on both side of trench or Full road width + 5m on both sides of trench
Multiple Trench	If d is ≤ 12 m, continuous full road width mill and pave. If d is > 12 m, as per single trench



Multiple Trench Asphalt Restoration

Notes:

1. Permanent repair of utility/servicing cut will include removal, repair and resurface the portion of pavement affected by the cut.
2. For a single lane width 40mm of milling, allowing 5m on each side of the permanently repaired patch.
2. Reinstatement of 40mm of HL3 asphalt is required.
3. Existing asphalt roads shall be saw cut prior to excavation and a trench box shall be used to minimize the width of excavation.
4. All vertical faces of end joints shall be swept clean and painted with bituminous emulsion prior to paving.
5. This drawing shall be read in conjunction with Standard DWG 416

All dimensions in millimetres except where noted

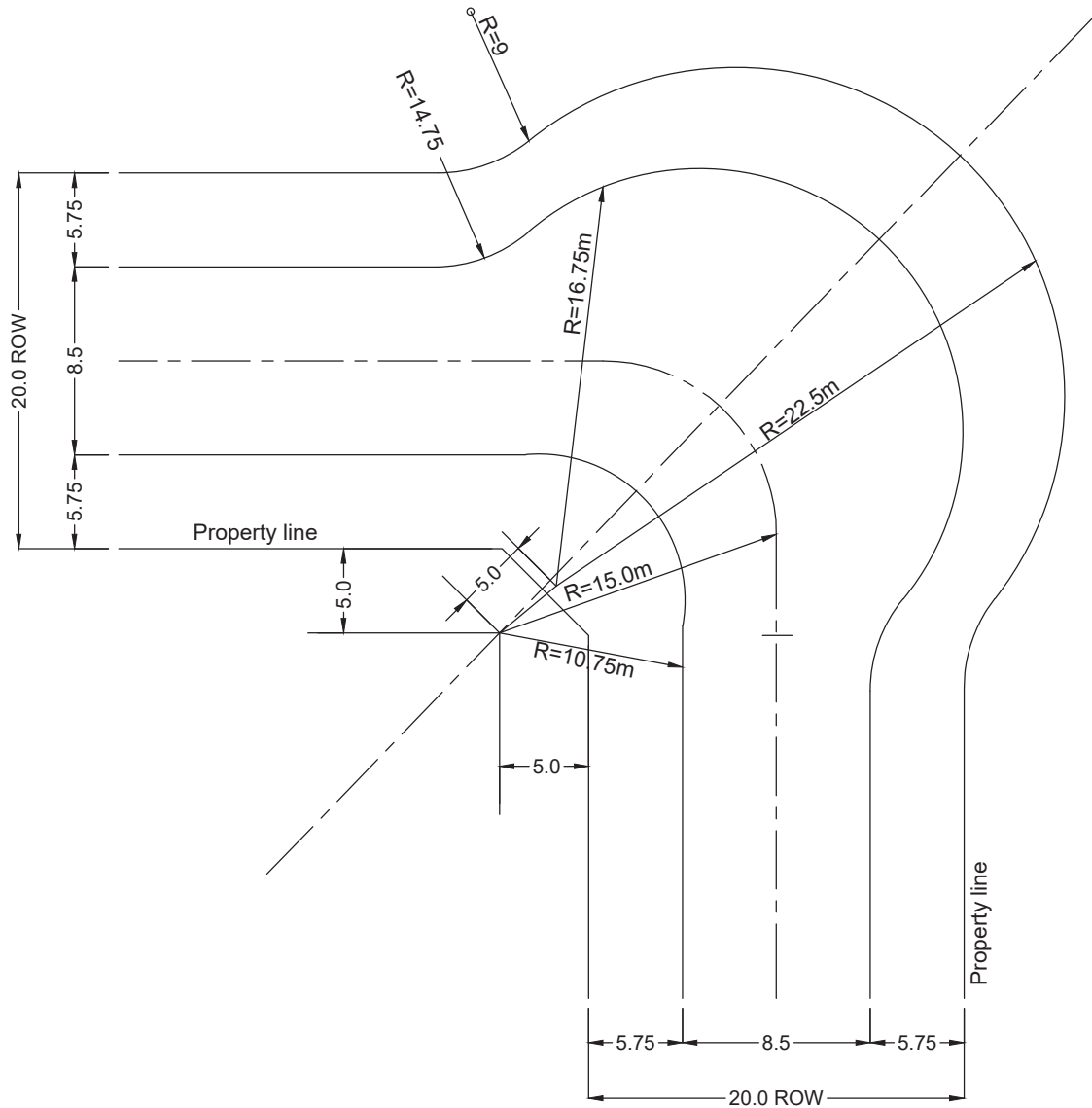
Checked _____
 Approved _____
 Scale NTS
 DWG Date Aug 2015
 Rev. No. 1
 Rev. Date April 2026

Drawing Title:

Asphalt Restoration Area

Pelham
 NIAGARA

DWG 404.50



Notes:

1. Chainage to be computed using 15.0m radius at centerline.
2. Gutter grades to be specified on plans. Minimum gutter grade to be 1.00%.
3. Where 1.00% gutter grade is not possible, a catchbasin grade to be 1.00%.
4. Eyebrow to be used to provide frontage for residential driveway.

All dimensions in millimetres except where noted

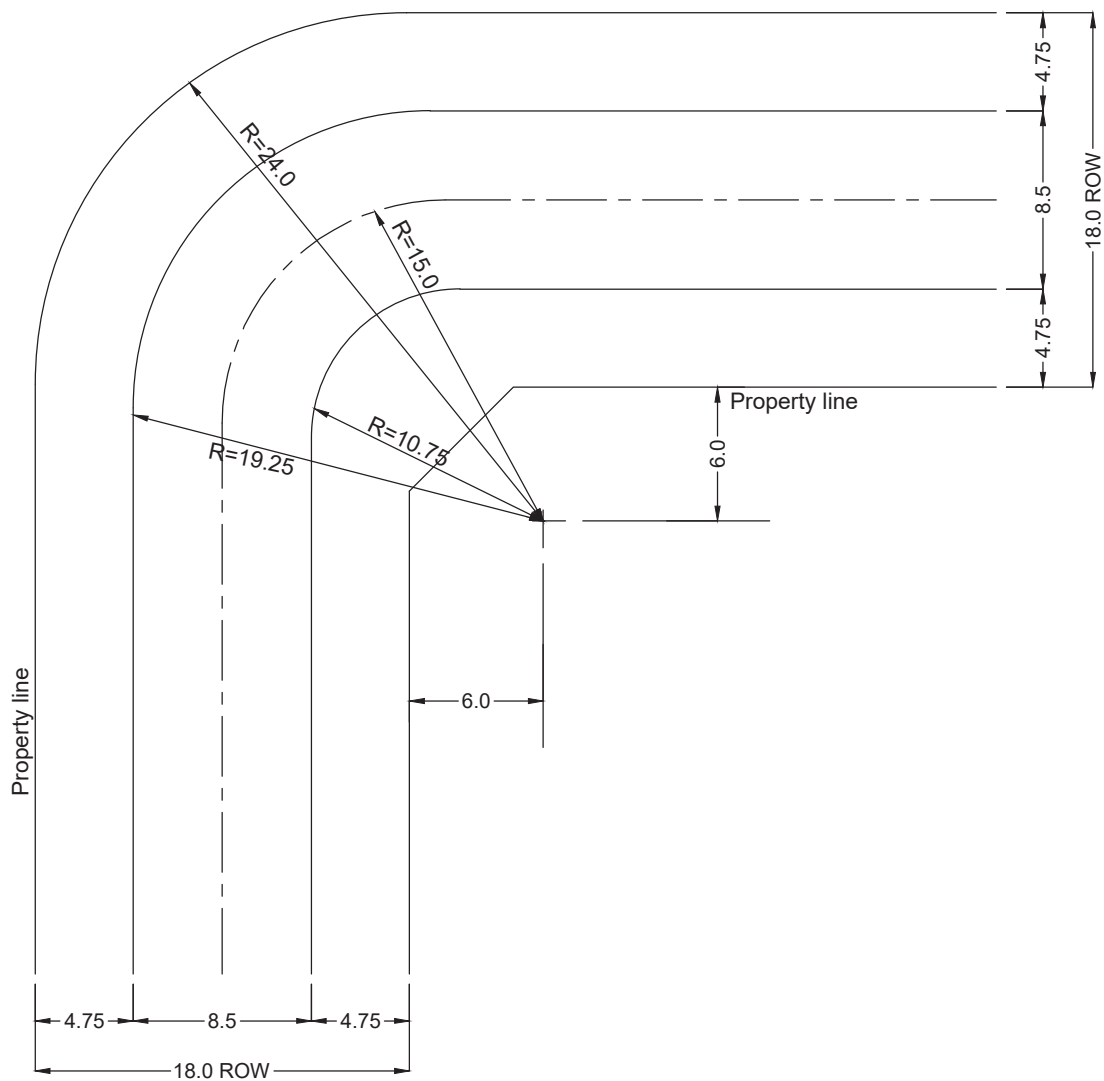
Checked _____
 Approved _____
 Scale NTS
 DWG Date July 2011
 Rev. No. 1
 Rev. Date April 2026

Drawing Title:

Typical 90° Crescent with Eyebrow
 20.0m R.O.W.

Pelham
 NIAGARA

DWG 405.10



Notes:

1. Chainage to be computed using 15.0m radius at centerline.
2. Gutter grades to be specified on plans. Minimum gutter grade to be 1.00%.
3. Where 1.00% gutter grade is not possible, a catchbasin is to be installed near midpoint of outside curb bend.

All dimensions in millimetres except where noted

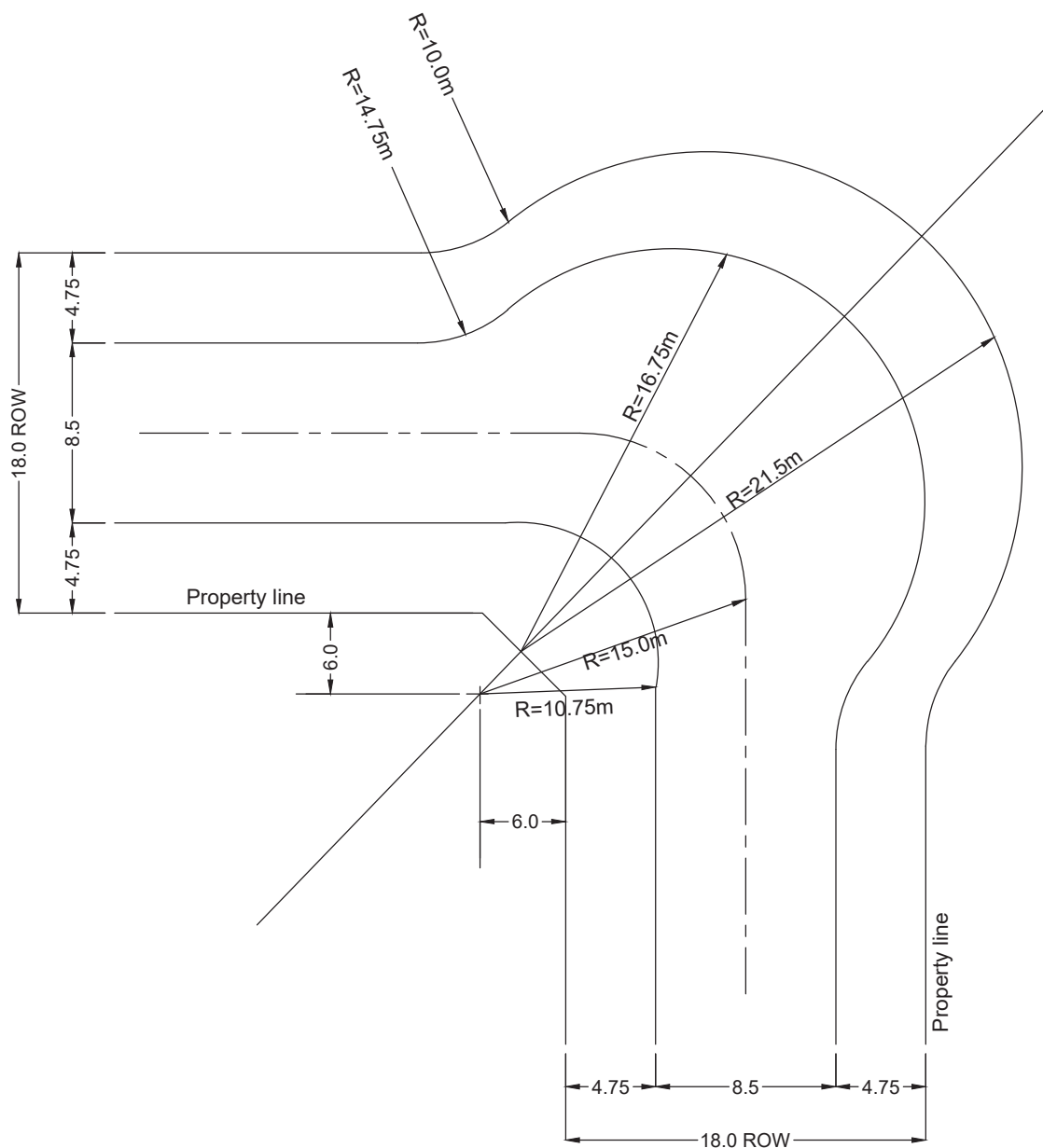
Checked _____
 Approved _____
 Scale NTS
 DWG Date June 1999
 Rev. No. 1
 Rev. Date April 2026

Drawing Title:

Typical 90° Crescent
 18.0m R.O.W.

 **Pelham**
 NIAGARA

DWG 406



Notes:

1. Chainage to be computed using 15.0m radius at centerline.
2. Gutter grades to be specified on plans. Minimum gutter grade to be 1.00%.
3. Where 1.00% gutter grade is not possible, a catchbasin is to be installed near midpoint of outside curb bend.
4. Eyebrow to be used to provide frontage for residential driveway.

All dimensions in millimetres except where noted

Checked _____
 Approved _____
 Scale NTS
 DWG Date July 2011
 Rev. No. 1
 Rev. Date April 2026

Drawing Title:

Typical 90° Crescent with Eyebrow
 18.0m R.O.W.

Pelham
 NIAGARA

DWG 406.10

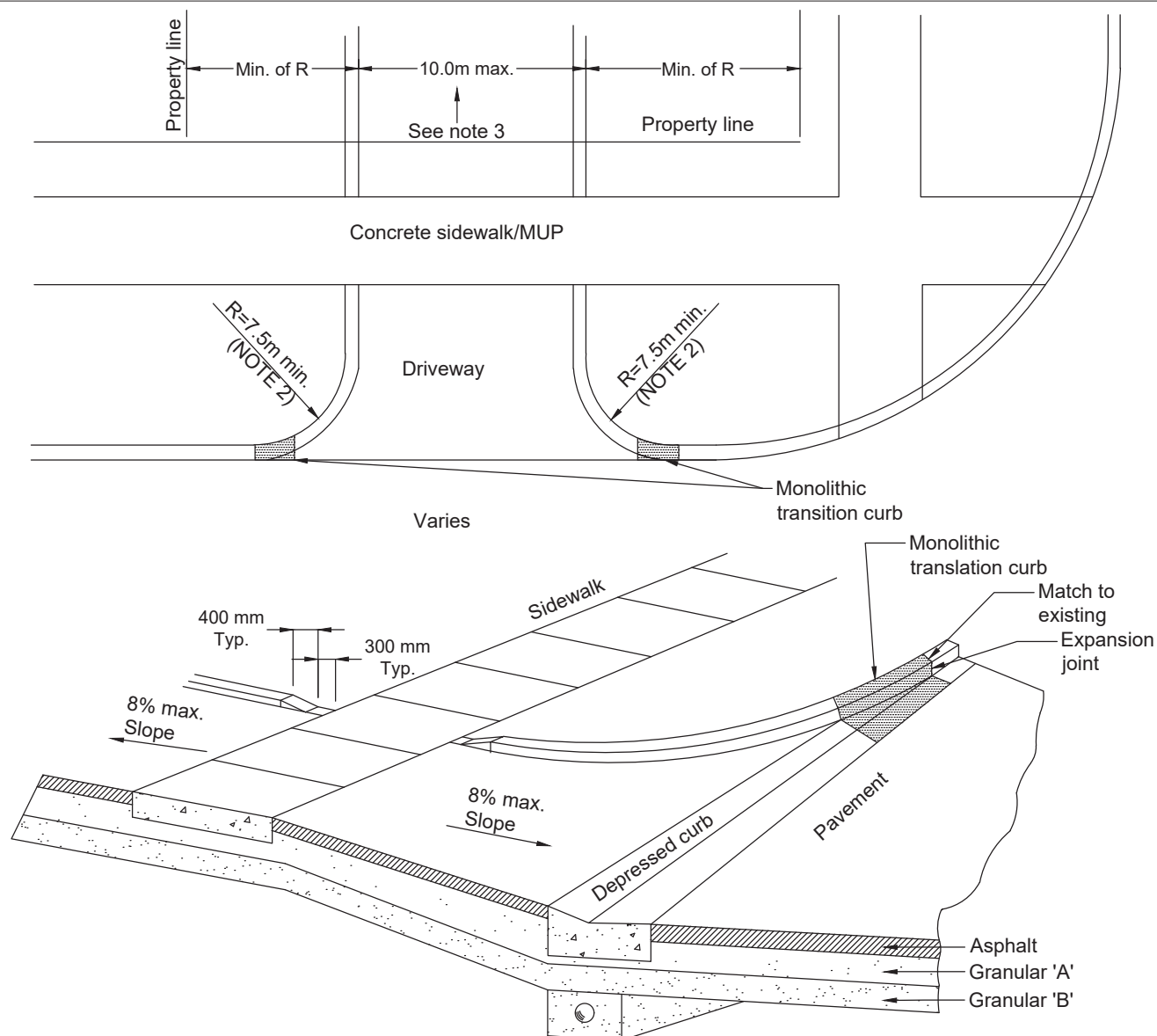


TABLE 1: DRIVEWAY DIMENSIONS

TABLE 1: DRIVEWAY DIMENSIONS						
LAND USE	WIDTH (m)				RADIUS (m)	
	One-Way		Two-Way			
	Min.	Max.	Min.	Max.	Min.	Max.
Light Industrial, Commercial, and Apartments	4.5	7.5	7.2	12.0	4.5	12.0
Heavy Industrial	5.0	9.0	9.0	15.0	9.0	15.0

Notes:

1. The driveway shall intersect the roadway with an angle of not less than 60°
2. Radius to be approved by Engineering Department.
3. Drainage to be contained on site.
4. Refer to Town of Pelham Standard #208 for sidewalk detail.
5. Nowhere on the driveway shall the grade differential exceed 5.0%.
6. Table 1 Driveway Dimensions as per OPSD 350.010

All dimensions in millimetres except where noted

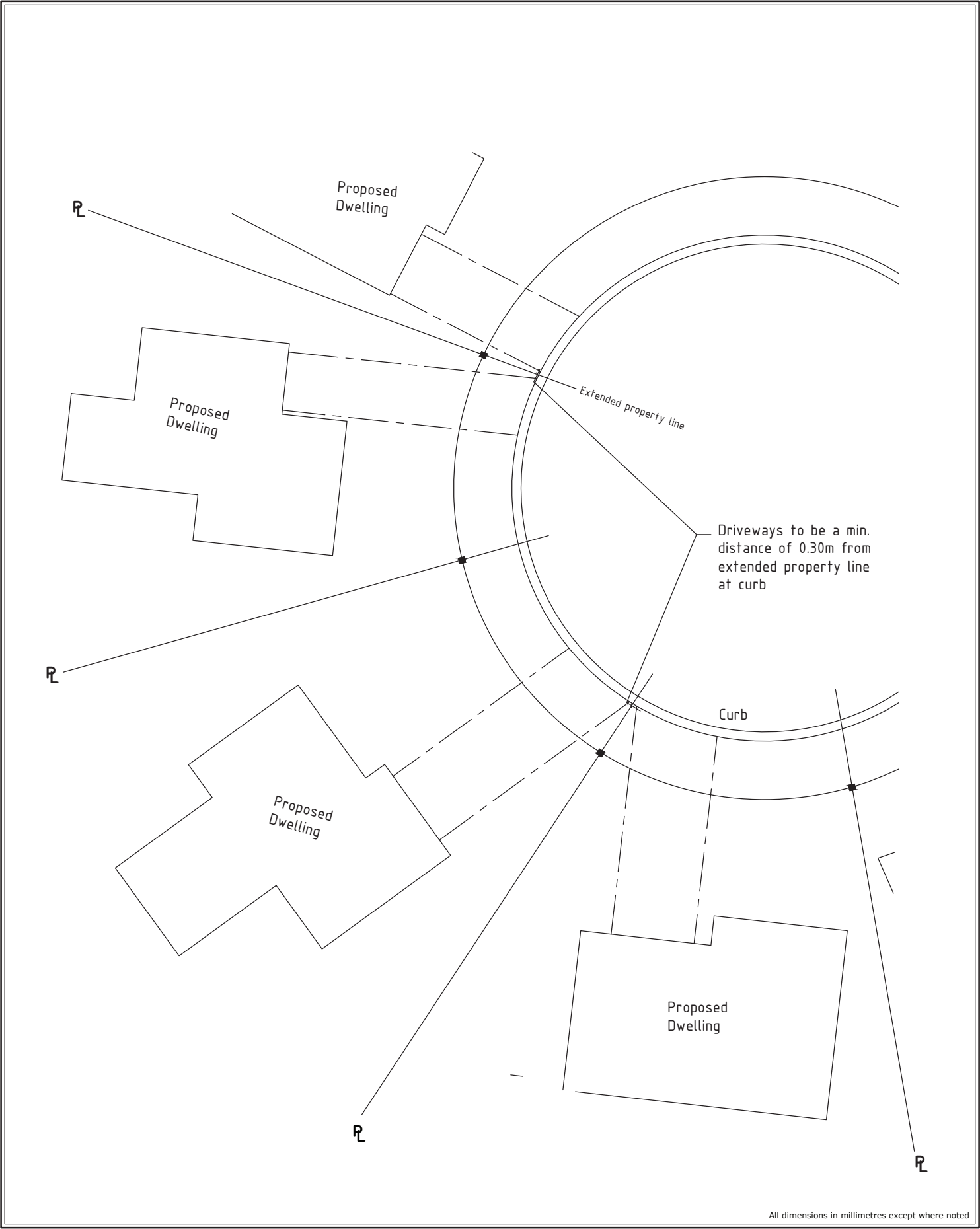
Checked _____
 Approved _____
 Scale NTS
 DWG Date Nov 1994
 Rev. No. 1
 Rev. Date Feb 2026

Drawing Title:

Non-Residential and Multi-family
 Entrance Detail

Pelham
 NIAGARA

DWG 410



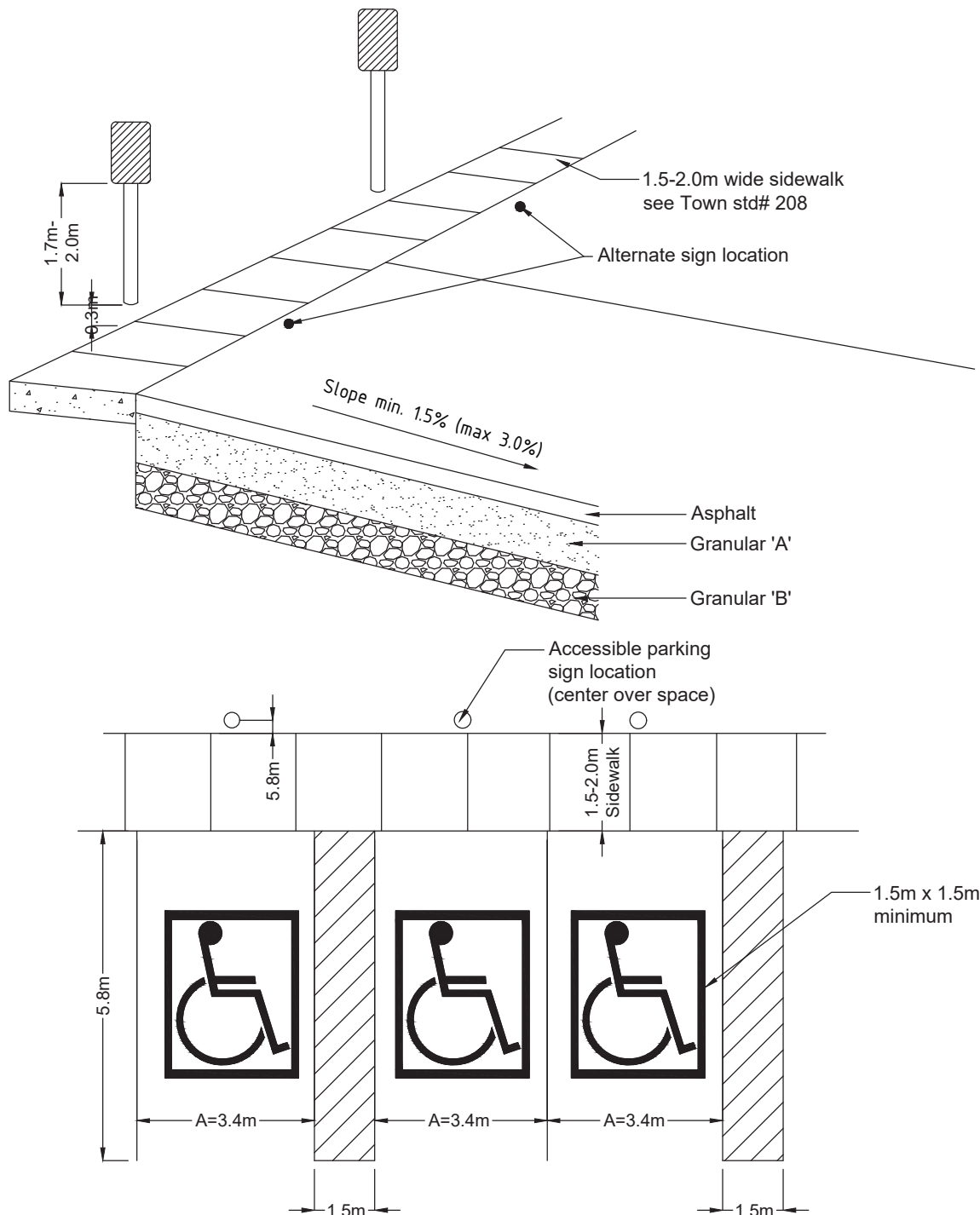
All dimensions in millimetres except where noted

Checked	_____
Approved	_____
Scale	NTS
DWG Date	Jan 1993
Rev. No.	1
Rev. Date	Feb 2026

Drawing Title:

Prop. Driveway Approaches
Cul-De-Sac Area


DWG 411



1. Asphalt to be flush with sidewalk.
2. Sidewalk to be barrier free.
3. Refer to Town of Pelham Standard #208 for sidewalk detail.
4. Accessible parking sign to be minimum of 0.3m offset from sidewalk. Preferred location behind sidewalk, alternate location front of sidewalk.
5. Sign location will be site specific.
6. Access aisles must be provided for all parking spaces and may be shared by two spaces.

All dimensions in millimetres except where noted

Checked _____
 Approved _____
 Scale NTS
 DWG Date Jan 2009
 Rev. No. 1
 Rev. Date Feb 2026

Drawing Title:

Accessibility Parking
 Proposed and Retrofit

Pelham
 NIAGARA

DWG 413

The use of public laneways within new development are permitted provided the following criteria are met:

- a) The use of public laneway shall be limited to narrow lot (8 m or less) residential developments fronting road only;
- b) The alignment of public laneways shall be straight or large radius curvature to accommodate existing maintenance equipment;
- c) Public laneways shall be connected to public streets but not other public laneways; and
- d) Adequate space for snow storage shall be considered as part of the overall development design where public laneways are included.

Where public laneways are permitted, the right-of-way shall be 8.5m utilizing one of three possible cross-sections depending on housing types. These cross-sections are shown on STD. 415.10, 415.20 & 415.30. The design of the laneway shall take into consideration the following:

- 1. Laneways shall be designed to minimize the need for internal storm sewers by draining to catchbasins located at the ends of the laneway at the intersecting municipal street.
- 2. All roof leaders (front and rear) for any public laneway housing type, shall be directly connected to the municipal storm sewer within the fronting right-of-way, unless otherwise approved by the Engineering Department.
- 3. All units with private driveway access to public laneway shall have their municipal address clearly displayed on the laneway side of the unit, in addition to the portion of the dwelling fronting the municipal street.
- 4. Where the design of the laneway utilizes a tandem parking scenario, a 2.5 metre wide easement shall be granted to the municipality for the purposes of snow storage during winter months. These easements are to be kept free and clear of all encumbrances.
- 5. Laneways shall be illuminated to meet the requirements of the current day IESNA RP-8, Roadway Lighting Guideline.
- 6. Due to the limited right-of-way widths, above ground utilities will not be permitted within the public laneway, with the exception of streetlighting. Utilities may be located outside of the public laneway right-of-way, on private property, with the appropriate easement granted to the operating utility.
- 7. Street light poles in double loaded laneways shall be placed on private property with an easement in favor of the Town. The street light cable shall remain within the boulevard.

All dimensions in millimetres except where noted

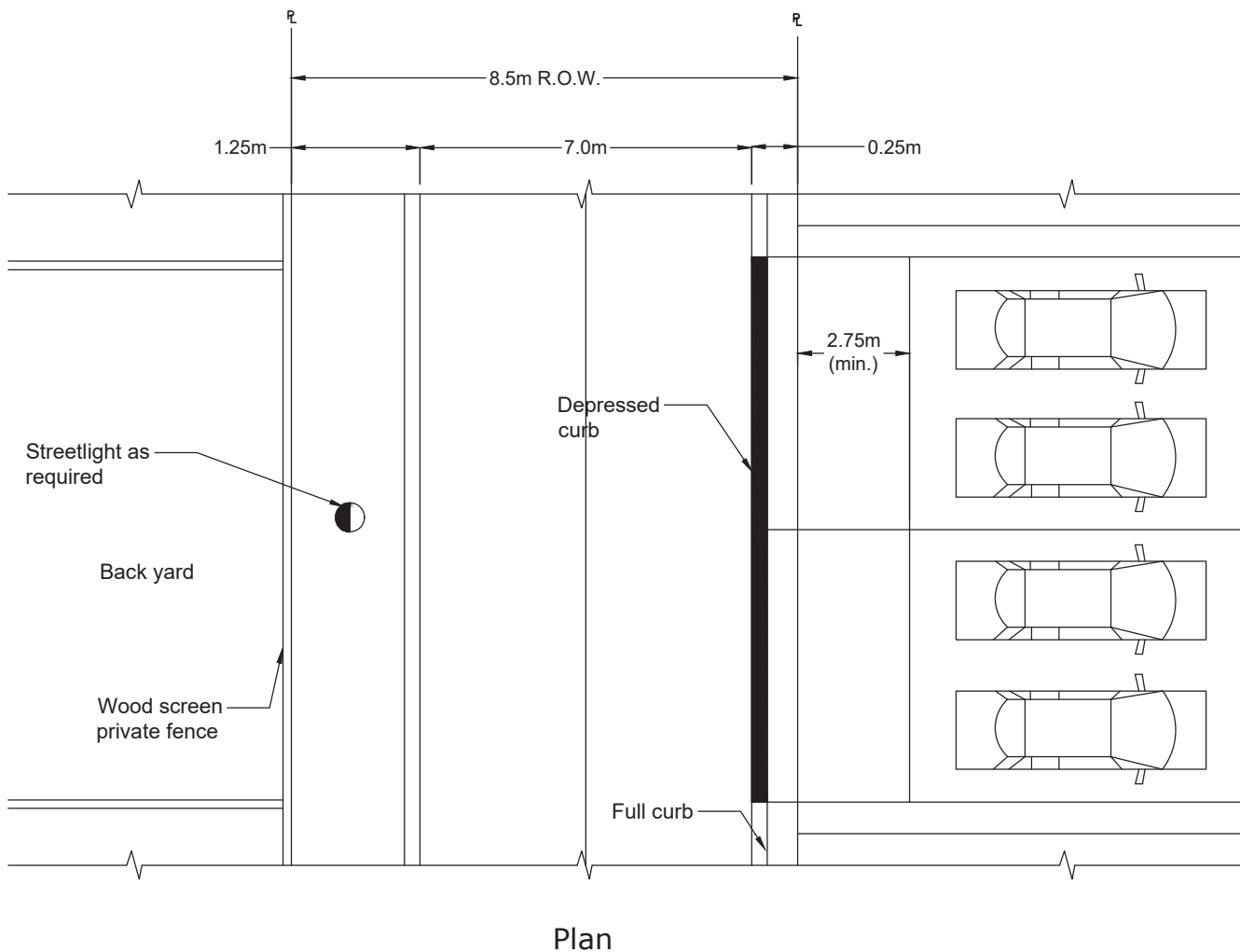
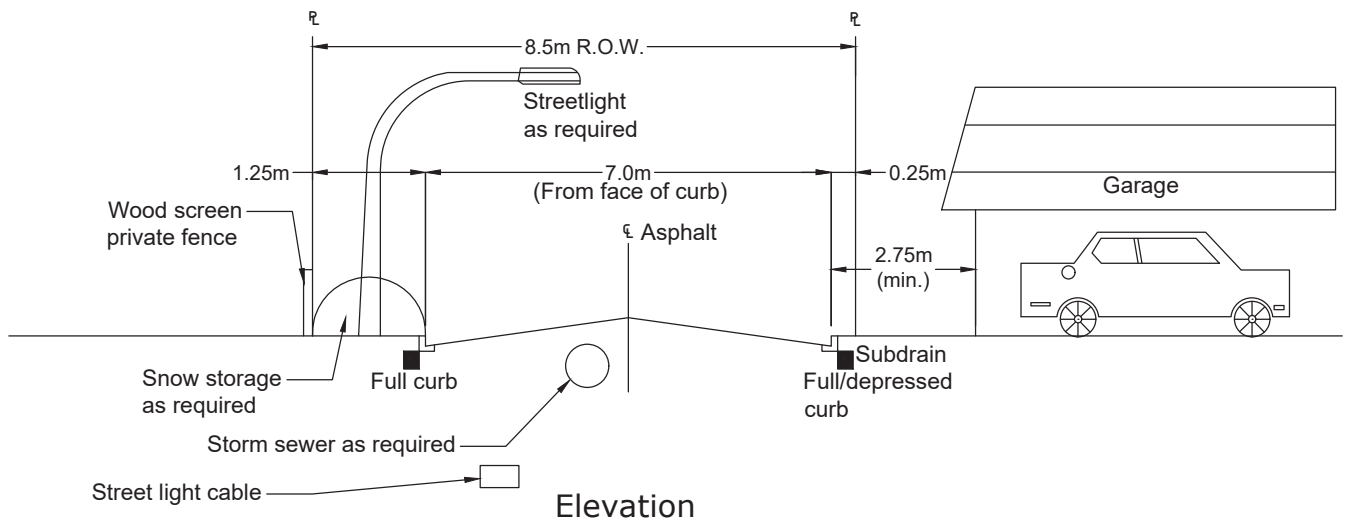
Checked _____
Approved _____
Scale NTS
DWG Date Oct 2018
Rev. No. 1
Rev. Date Feb 2026

Drawing Title:

Public Laneway-Criteria & Notes



DWG 415



Notes:

1. To be referenced in conjunction with standard 415 Public Laneway - criteria and notes.
2. Any required above ground pedestals to be outside of 8.5m laneway on private property with easement to utility.

All dimensions in millimetres except where noted

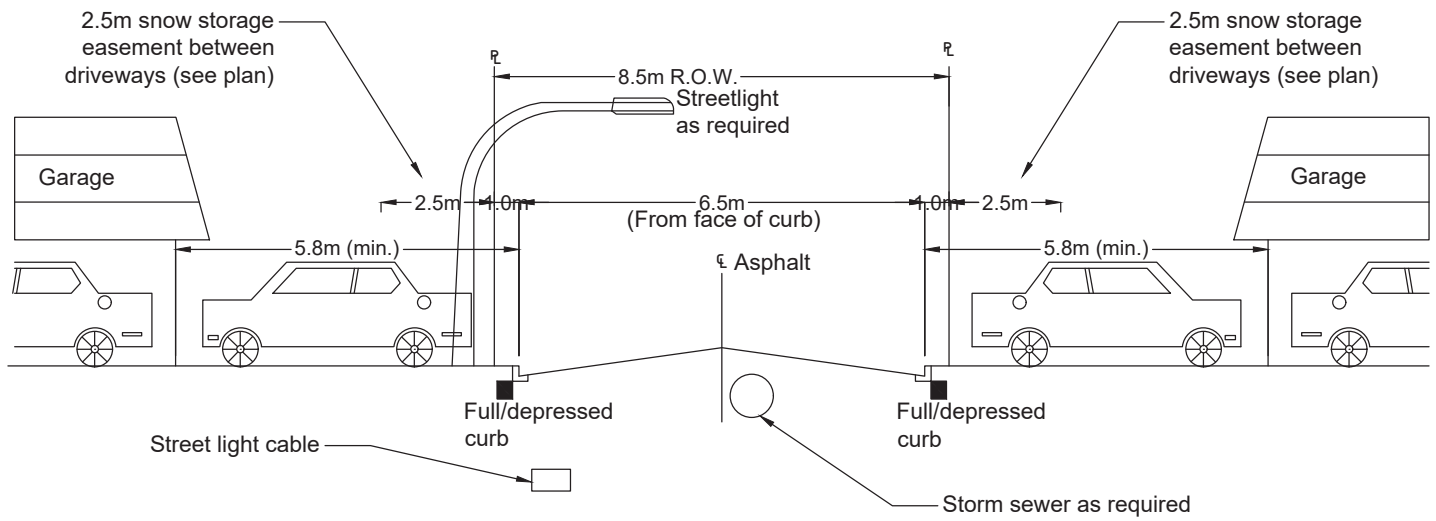
Checked _____
 Approved _____
 Scale NTS
 DWG Date Oct 2018
 Rev. No. 1
 Rev. Date Feb 2026

Drawing Title:

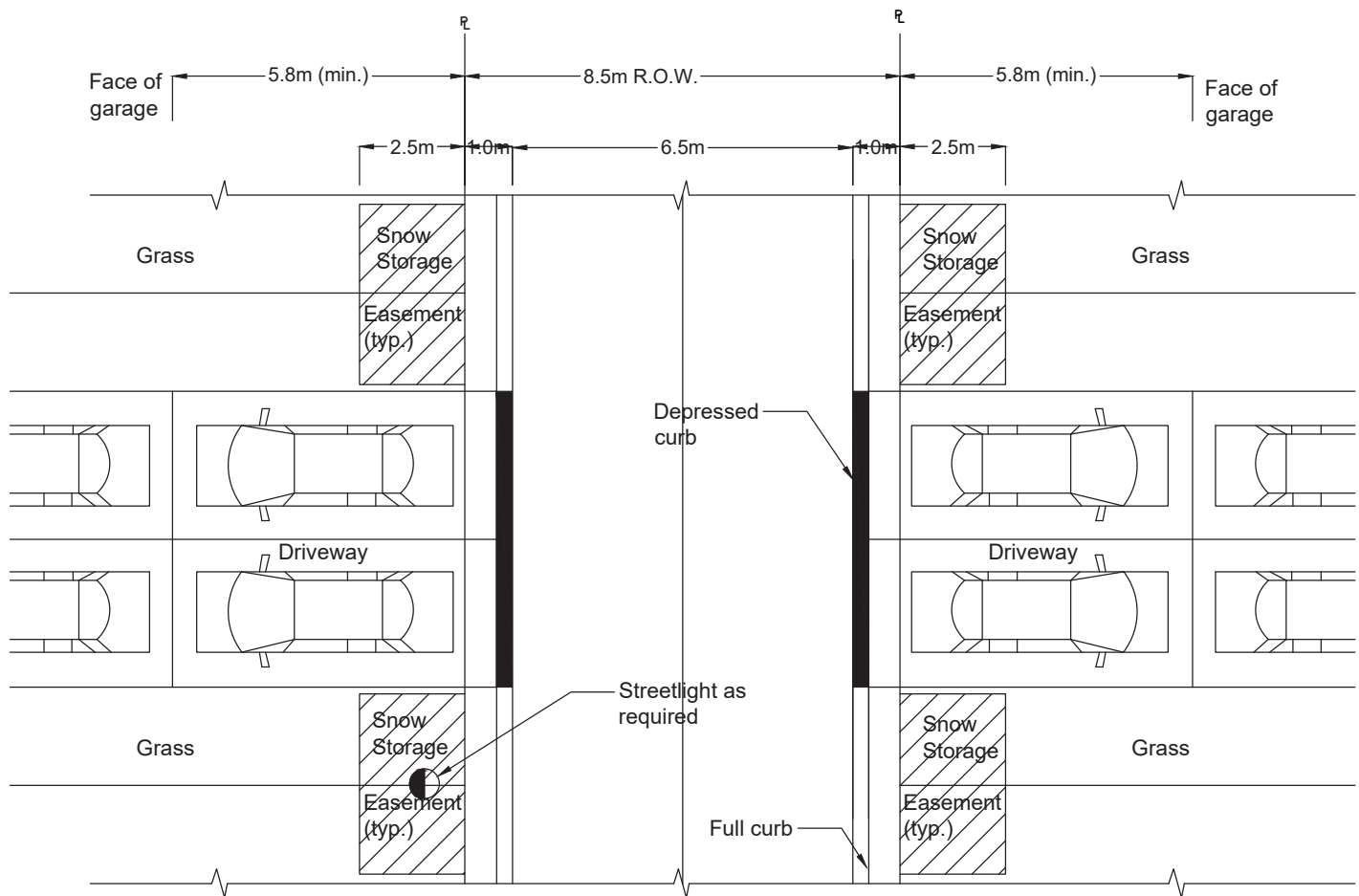
Single loaded Public Laneway

Pelham
 NIAGARA

DWG 415.10



Elevation



Plan

Notes:

1. To be referenced in conjunction with standard 415 Public Laneway - criteria and notes.
2. Streetlights may require easements.

All dimensions in millimetres except where noted

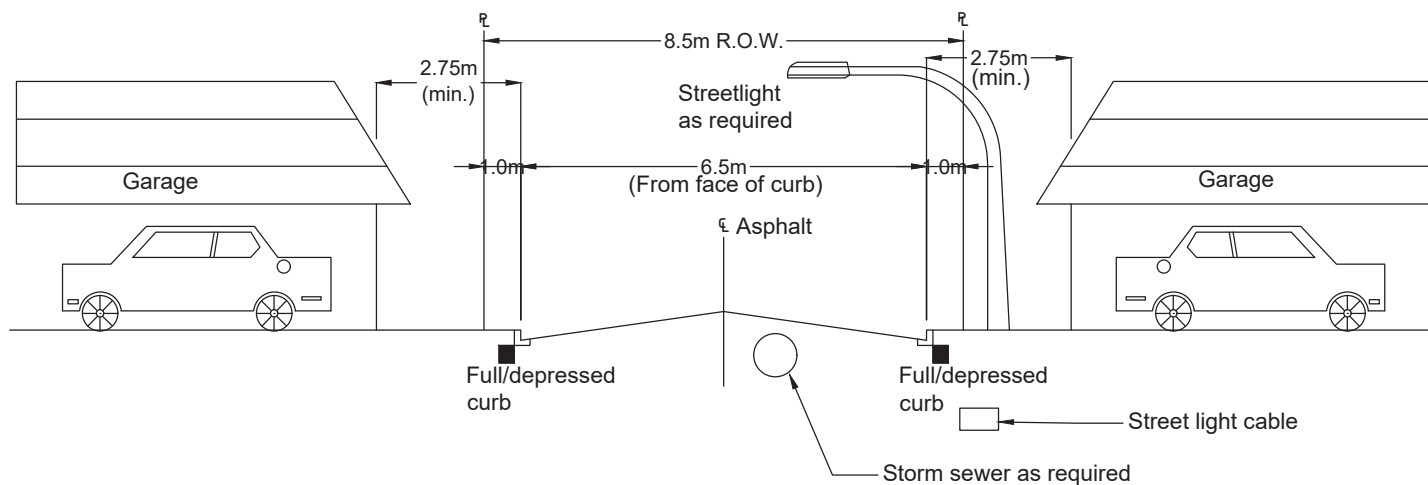
Checked _____
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 Scale NTS
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 Rev. No. 1
 Rev. Date March 2026

Drawing Title:

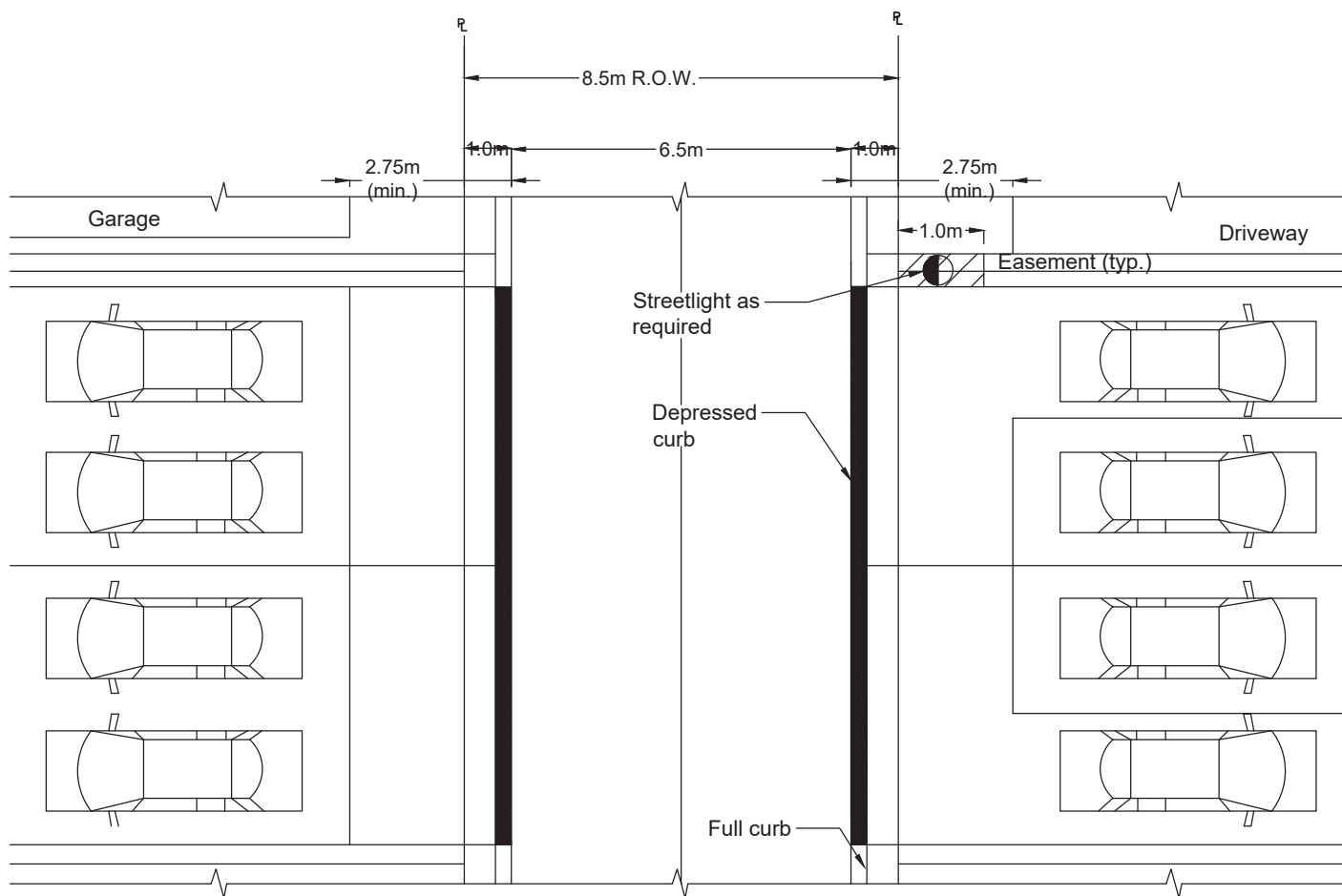
Double Loaded Public Laneway
 With Tandem Parking

Pelham
 NIAGARA

DWG 415.20



Elevation



Plan

Notes:

1. To be referenced in conjunction with standard 415 Public Laneway - criteria and notes.
2. Streetlights may require easements.
3. Snow relocation is required.

All dimensions in millimetres except where noted

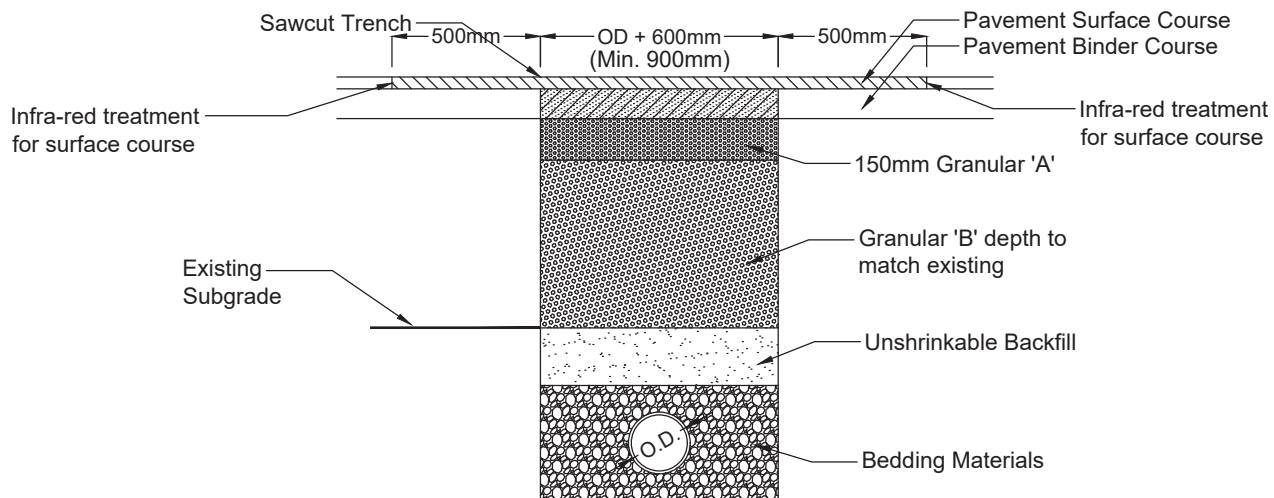
Checked _____
 Approved _____
 Scale NTS
 DWG Date Oct 2018
 Rev. No. 1
 Rev. Date March 2026

Drawing Title:

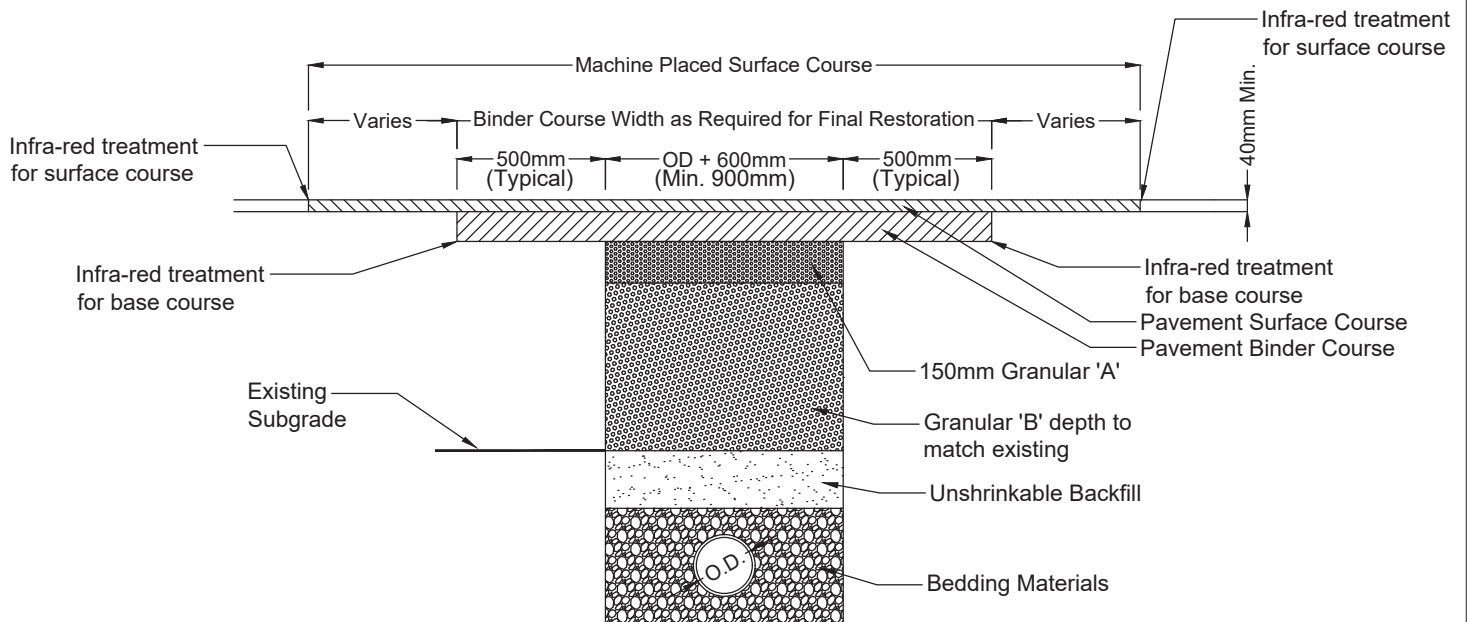
Double Loaded Public Laneway
 with Side by Side Parking

Pelham
 NIAGARA

DWG 415.30



Trench Restoration For Single or Spot Repair Excavations



Trench Restoration For Multiple Trench Excavations

Notes:

1. All permanent restoration shall be directed by the Town.
2. Depths shall be as noted unless otherwise specified.
3. Infrared joint repair shall be used if the road was paved within the past five (5) years.
4. If settlement occurs, the top asphalt shall be removed and re-paved as directed by the Town.
5. This drawing is to be read in conjunction with Standard Drawing 404.50

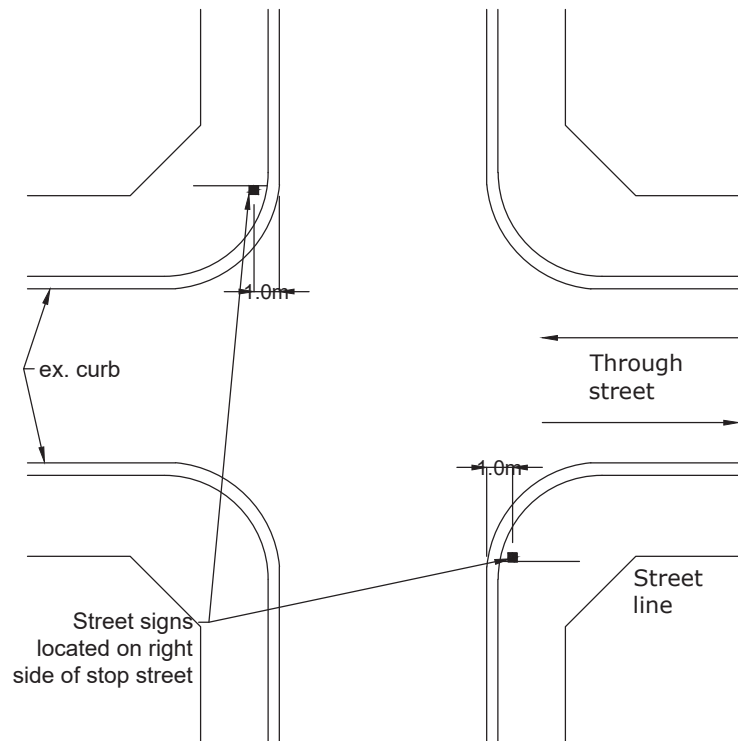
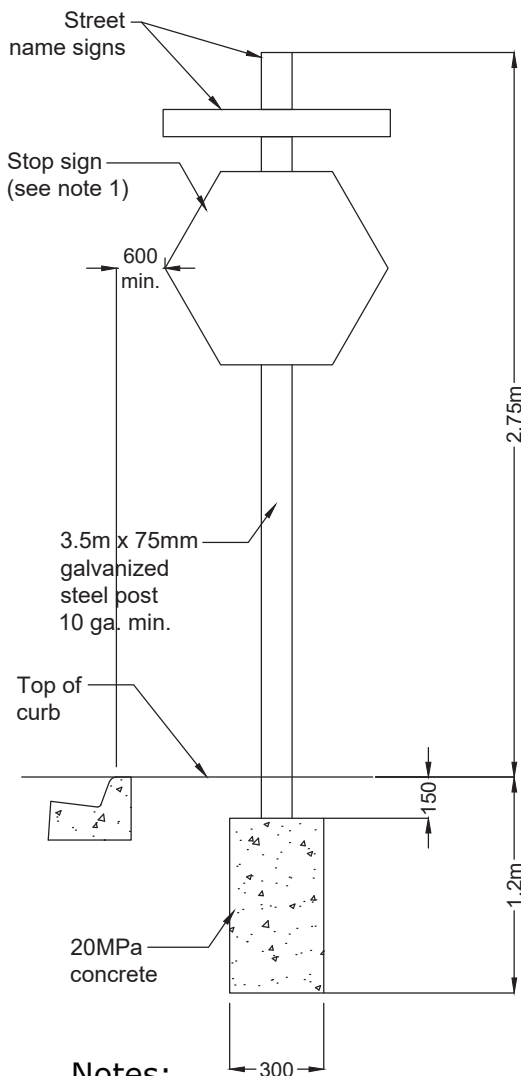
Checked _____
 Approved _____
 Scale NTS
 DWG Date Jan 26
 Rev. No. 1
 Rev. Date Jan 26

Drawing Title:

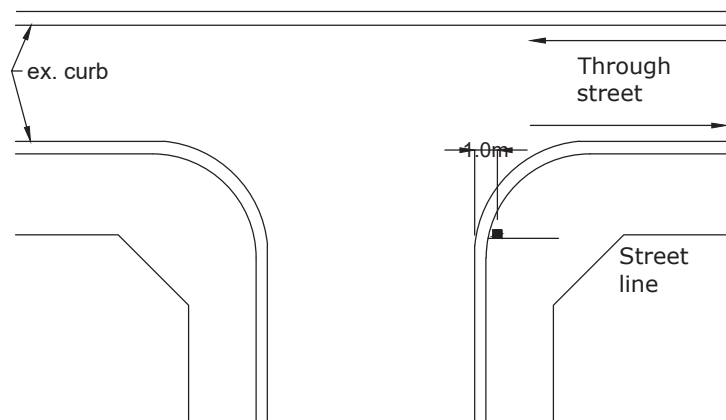
Trench Restoration Detail

Pelham
 NIAGARA

DWG 416



4-way Intersection or 3 Way With Stop Bar and Yellow Centreline 20m



3-way Intersection

Notes:

1. All classes of regulatory signage in accordance with Ontario Traffic Manual Book 5.

All dimensions in millimetres except where noted

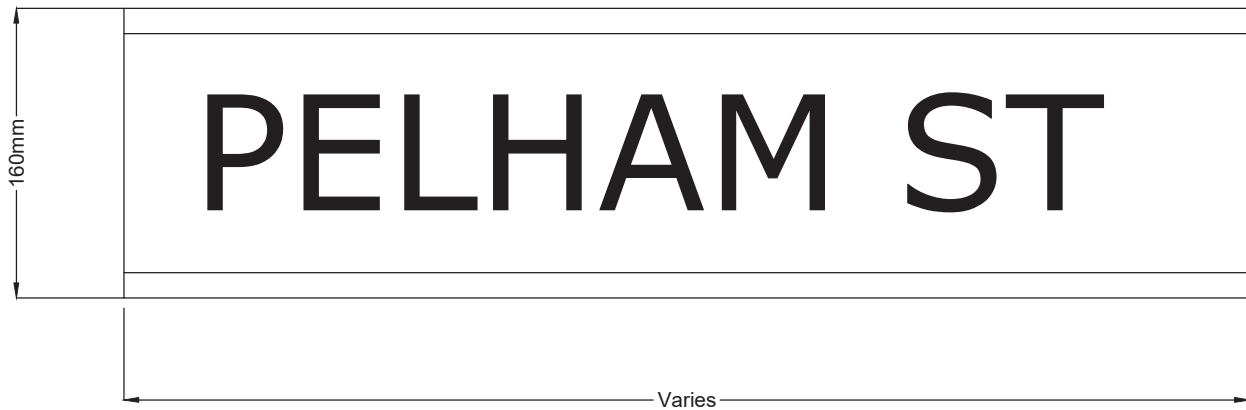
Checked _____
Approved _____
Scale NTS
DWG Date May 1997
Rev. No. 1
Rev. Date Feb 2026

Drawing Title:

Street Sign Location

Pelham
NIAGARA

DWG 500



Town Standard

Notes:

1. Colour scheme to be reflective green with white message.
2. Letter size: 90mm on 160mm sign.
3. 30mm Clearance (Top and Bottom) for Letters
4. Text to be Centered on Blade (Vert. & Hor.)

All dimensions in millimetres except where noted

Checked _____
Approved _____
Scale NTS
DWG Date Nov 1994
Rev. No. 1
Rev. Date Mar 2026

Drawing Title:

Street Name Signs

 **Pelham**
NIAGARA

DWG 501

White text
Blue reflective
Background

Black text

White reflective
Background

Black text

Yellow reflective
background

Pond Address

Stormwater Management pond

For information contact
Engineering Department
Town of Pelham
XXX-XXX-XXXX



Caution/Warning

This facility is not intended
for recreational use
water level/ice thickness
are not monitored
and will vary
The town assumes no
responsibility for
unintended use

Size: 75cm wide: 90cm high

Pond
address

2.75m

3.5mx75mm
galvanized
steel post
10 Ga. Min

150

1.2m

300

20Mpa
concrete

Notes:

1. Pond address will be assigned by the Town of Pelham.

All dimensions in millimetres except where noted

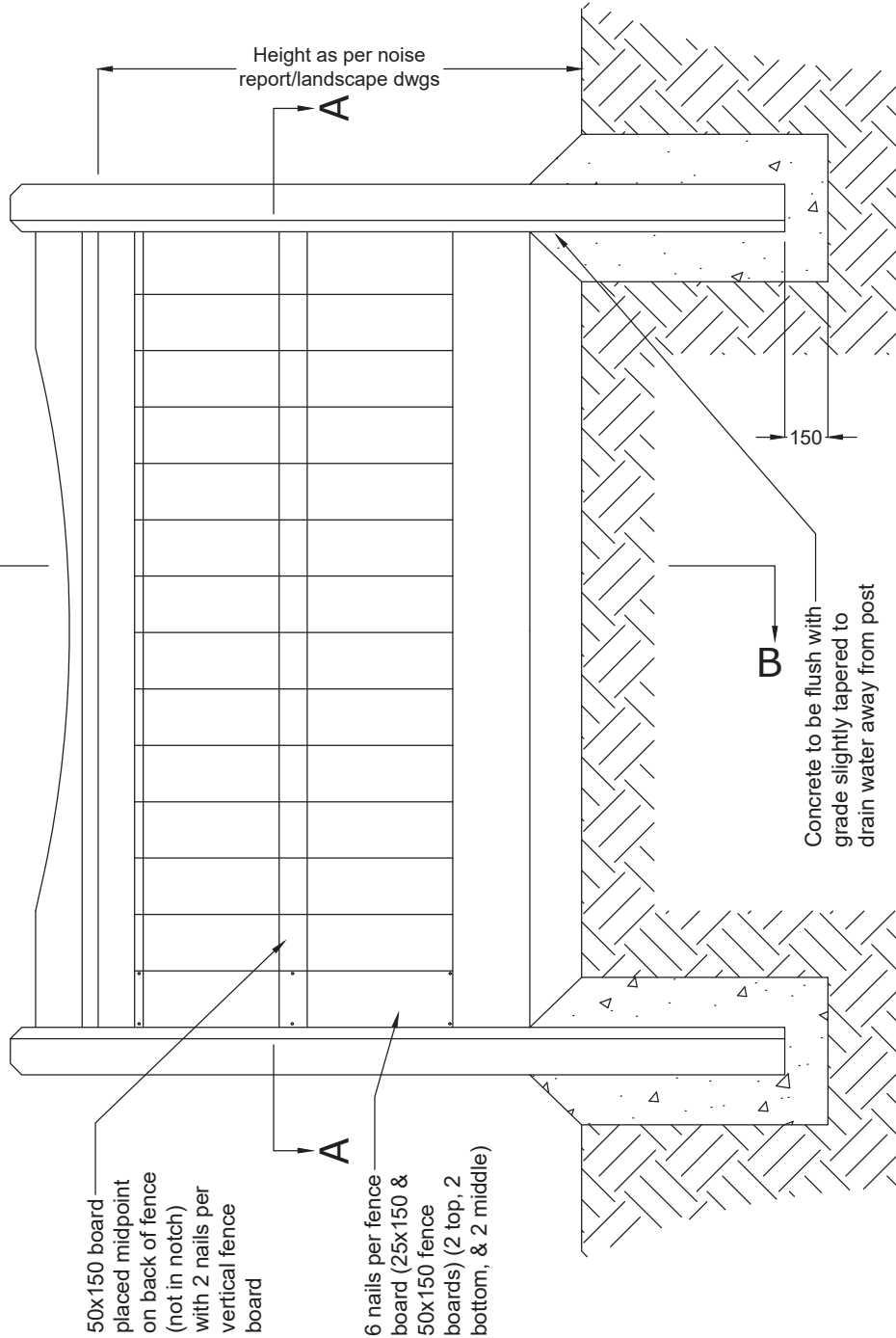
Checked _____
Approved _____
Scale NTS
DWG Date Aug 2015
Rev. No. 1
Rev. Date March 2026

Drawing Title:

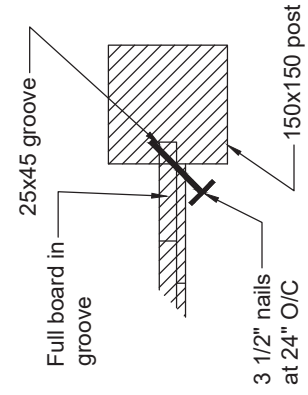
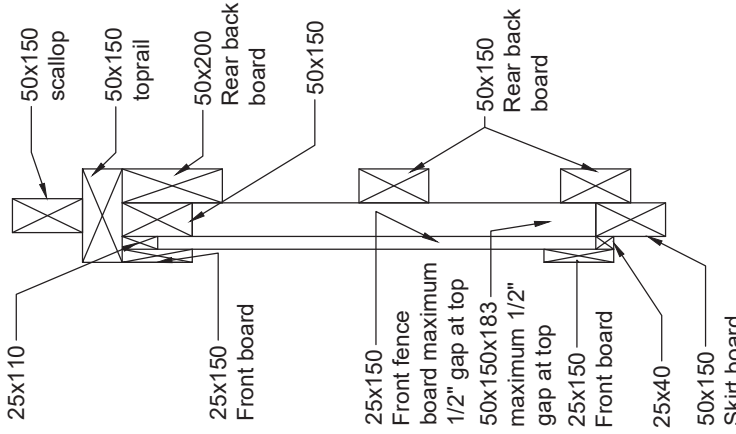
Storm Pond Sign Detail



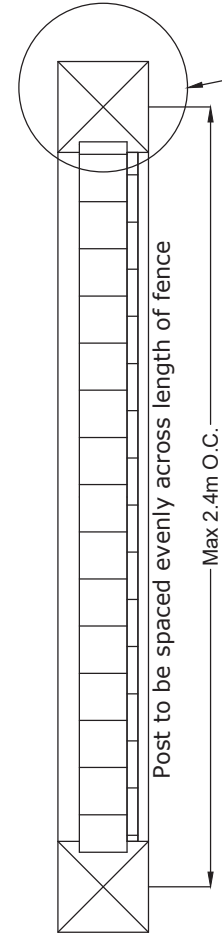
DWG 501.20



Section b-b



Detail 'C'



Section A-A

Notes:

1. Refer to Town of Pelham Standard 506.10 for notes.

All dimensions in millimetres except where noted

Checked _____
 Approved _____
 Scale NTS
 DWG Date Aug 2015
 Rev. No. 1
 Rev. Date March 2026

Drawing Title:

Wood Acoustic Fence



DWG 506

Notes:

1. All fence boards shall be pressure treated spf or cedar, as directed by the Town of Pelham.
2. Minimum fence density shall be 20 kg/sq.m.
3. All post material shall be pressure treated jack or red pine and shall be minimum 150 mm x 150 mm.
4. Post lengths shall be sufficient to accommodate footing depth below ground and fence construction above ground, minimum 3.6m (12ft).
5. All concrete shall be 20MPa.
6. All footings shall be minimum 1500 mm deep.
 - 450mm in diameter if height is less than 2.0 m.
 - 600mm in diameter if height is at or greater than 2.0 m.
7. Fence shall not exceed the height of 2.3 m.
8. All fasteners & metal components shall be compatible with the acq (alkaline copper quaternary) compound used in pressure treatment spruce or cedar.
9. All new fences to be stained with two (2) coats of Olympic #911 solid stain cape cod gray on the road side only at the time of road construction. One additional coat shall be apply before road assumption unless otherwise approved by the Town of Pelham.
10. Stain shall be applied outdoors in suitable weather conditions when the temperature is between 10 and 21 degrees celsius. Second coat to be applied following final fence inspection and engineering acceptance prior to assumption of subdivision.
11. Top of fence shall be horizontal (zero gradient), bottom of fence shall follow the grade unless otherwise approved by the Town of Pelham.
12. Prior to construction, all fences 2.0 m and above in height shall be designed and approved by a qualified geotechnical engineer. Prior to acceptance of the completed fence a structural engineer certification shall be provided to the Town of Pelham.
13. Prior to construction, all fence construction along berms will require and all fences constructed on fill material may require: design and approval by a qualified geotechnical engineer. Prior to acceptance og the completed fence a geotechnical engineer certification shall be provided to the Town of Pelham.
14. All noise fence shall be constructed wholly within private property.

All dimensions in millimetres except where noted

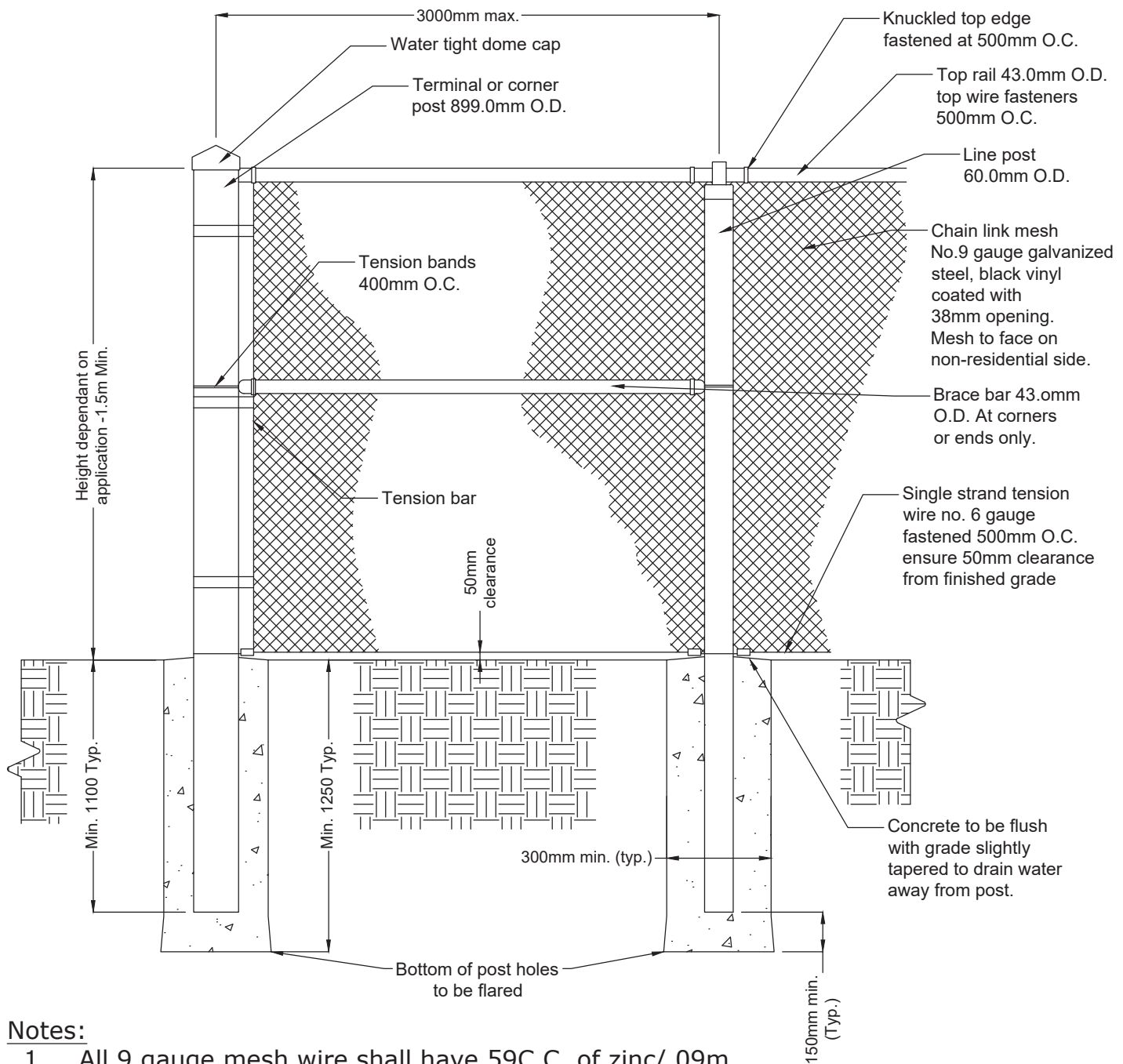
Checked _____
Approved _____
Scale NTS
DWG Date July 2011
Rev. No. 1
Rev. Date March 2026

Drawing Title:

Wood Acoustic Fence Notes



DWG 506.10



Notes:

1. All 9 gauge mesh wire shall have 59C.C. of zinc/.09m under black vinyl coating.
2. All concrete shall be 20MPa.
3. All fence posts are to be galvanized schedule 40 pipe, painted black as per manufacturer specifications.
4. All fasteners are to be black vinyl coated.
5. Corner posts shall be installed at horizontal deflections in the fence line of 10 degrees or more.
6. Terminal posts shall be installed at equal intervals not exceeding 150m. Additional terminal posts shall be installed where changes in vertical alignment of fences exceed 30 degrees.

All dimensions in millimetres except where noted

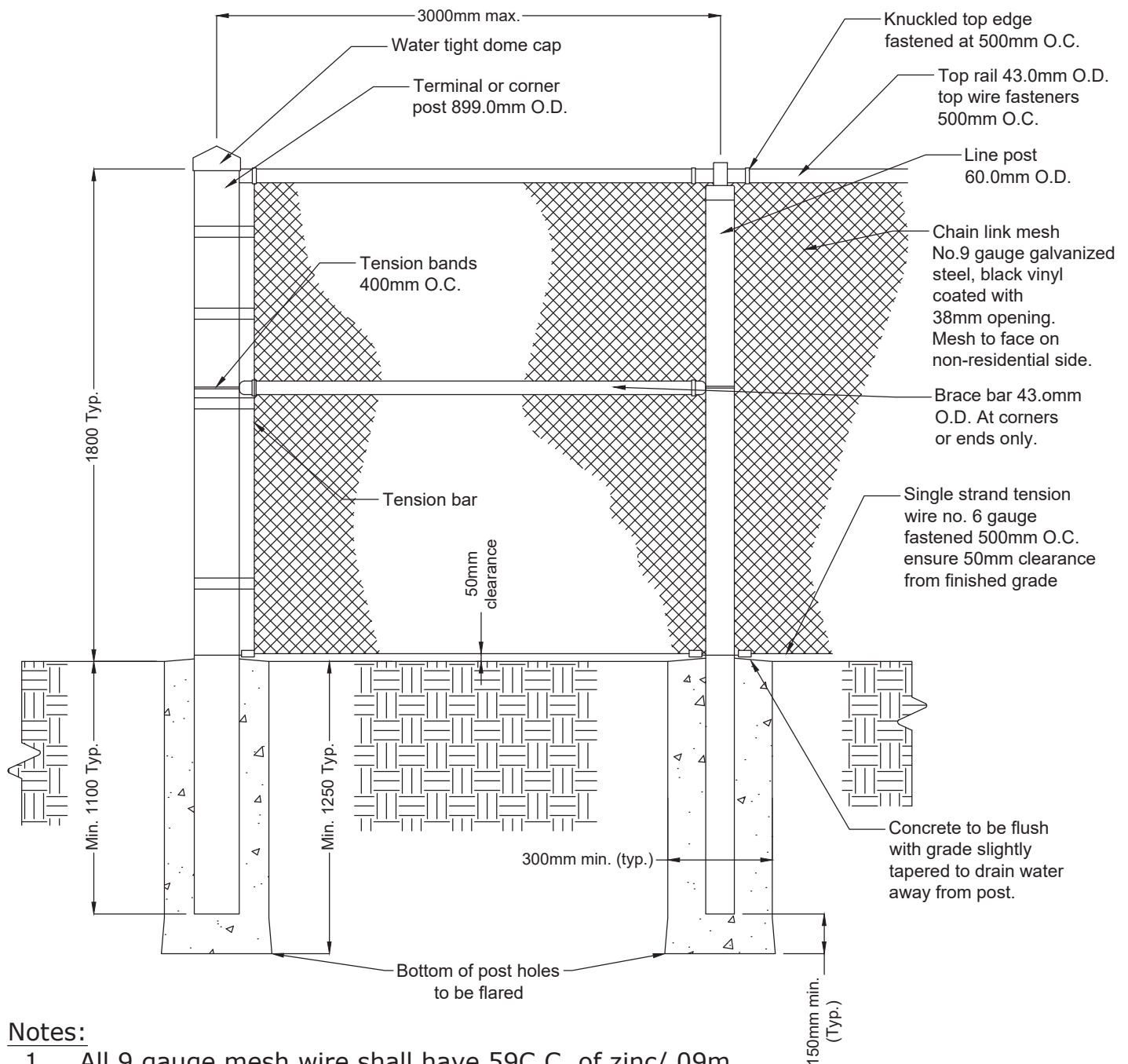
Checked _____
 Approved _____
 Scale NTS
 DWG Date Feb 2017
 Rev. No. 1
 Rev. Date March 2026

Drawing Title:

1500mm (5'-0") High Black Vinyl
 Coated Chain Link Fence

Pelham
 NIAGARA

DWG 506.30



Notes:

1. All 9 gauge mesh wire shall have 59C.C. of zinc/.09m under black vinyl coating.
2. All concrete shall be 20MPa.
3. All fence posts are to be galvanized schedule 40 pipe, painted black as per manufacturer specifications.
4. All fasteners are to be black vinyl coated.
5. Corner posts shall be installed at horizontal deflections in the fence line of 10 degrees or more.
6. Terminal posts shall be installed at equal intervals not exceeding 150m. Additional terminal posts shall be installed where changes in vertical alignment of fences exceed 30 degrees.

All dimensions in millimetres except where noted

Checked _____
 Approved _____
 Scale NTS
 DWG Date July 2011
 Rev. No. 1
 Rev. Date March 2026

Drawing Title:

1800mm (6'-0") High Black Vinyl
 Coated Chain Link Fence

Pelham
 NIAGARA

DWG 506.40

The Corporation of the Town of Pelham
Sanitary Sewer and Storm Sewer House Connections

Subdivision: _____ File No.: _____

M-Plan: _____ Date: _____

Underground Maintenance Date: _____

[illegible][illegible]

Comments: _____

All dimensions in millimetres except where noted

Checked	_____
Approved	_____
Scale	NTS
DWG Date	July 2002
Rev. No.	1
Rev. Date	March 2026

Drawing Title:

Service Connection Record

Subdivisions/Site Plans



DWG 510

The Corporation of the Town of Pelham Storm Sewer Lateral Location Sheet

Street _____ Hse. No. _____ Lot No. _____
 Contract No. _____ Plan No. _____ Station _____
 Diameter of Pipe _____ Type of Pipe _____
 Installed By _____ Date: _____

As constructed Service Location

HSE. No. _____
 Lot No. _____

Property Line

MH. _____ Dia. Storm Sewer _____ MH. _____

Proposed Service Location

HSE. No. _____

Property Line

Storm Sewer

As Constructed Information

Length of Lateral _____

Depth of Invert
at property line (+) - _____

Invert Elevation _____

Remarks _____

I agree that the proposed service location
should be as shown above

I certify that the information
above is correct

Owner / Tenant's Name

Inspector's Signature

Signature

Date

Date

All dimensions in millimetres except where noted

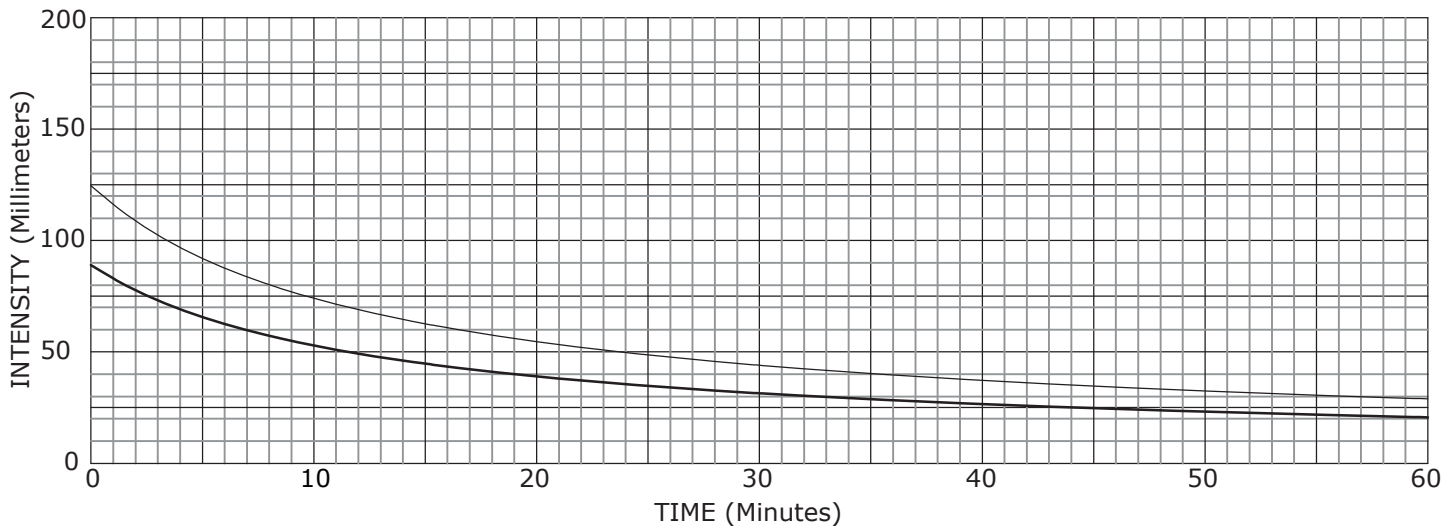
Checked _____
 Approved _____
 Scale NTS
 DWG Date July 2002
 Rev. No. 1
 Rev. Date March 2026

Drawing Title:

Service Connection Record
Town of Pelham Projects



DWG 511



5 Year Values

Time	Intensity	Time	Intensity	Time	Intensity	Time	Intensity	Time	Intensity	Time	Intensity	Time	Intensity	Time	Intensity
10	89.2	17	67.5	24	55.2	32	46.1	46	36.4	60	30.4	130	17.6	220	12.0
10.5	87.1	17.5	66.4	24.5	54.5	33	45.2	47	35.8	65	28.7	135	17.1	230	11.6
11	85.1	18	65.4	25	53.8	34	44.4	48	35.3	70	27.3	140	16.7	240	11.3
11.5	83.3	18.5	64.4	25.5	53.2	35	43.5	49	34.9	75	26.0	145	16.3	250	11.0
12	81.5	19	63.4	26	52.5	36	42.7	50	34.4	80	24.9	150	15.9	260	10.6
12.5	79.8	19.5	62.4	26.5	51.9	37	42.0	51	33.9	85	23.8	155	15.5	270	10.4
13	78.2	20	61.5	27	51.3	38	41.3	52	33.5	90	22.9	160	15.2	280	10.1
13.5	76.6	20.5	60.6	27.5	50.7	39	40.6	53	33.1	95	22.0	165	14.8	290	9.8
14	75.2	21	59.8	28	50.2	40	39.9	54	32.6	100	21.3	170	14.5	300	9.6
14.5	73.8	21.5	58.9	28.5	49.6	41	39.3	55	32.2	105	20.5	175	14.2	310	9.4
15	72.4	22	58.1	29	49.1	42	38.6	56	31.8	110	19.9	180	13.9	320	9.1
15.5	71.1	22.5	57.4	29.5	48.6	43	38.0	57	31.5	115	19.2	190	13.4	330	8.9
16	69.9	23	56.6	30	48.0	44	37.5	58	31.1	120	18.7	200	12.9	340	8.7
16.5	68.7	23.5	55.9	31	47.1	45	36.9	59	30.7	125	18.1	210	12.4	350	8.6

5 Year Curve

$$I = \frac{700.16}{(t + 5.6)^{0.750}}$$

2 Year Curve

$$I = \frac{499.72}{(t + 6.5)^{0.749}}$$

Town of Pelham
Storm Sewer Design Sheet

Prepared By _____

Checked By _____

Date _____

$\eta =$ _____ year storm

Consultant: _____

File No. _____

Subdivision Name: _____

[illegible]

Runoff Coefficients

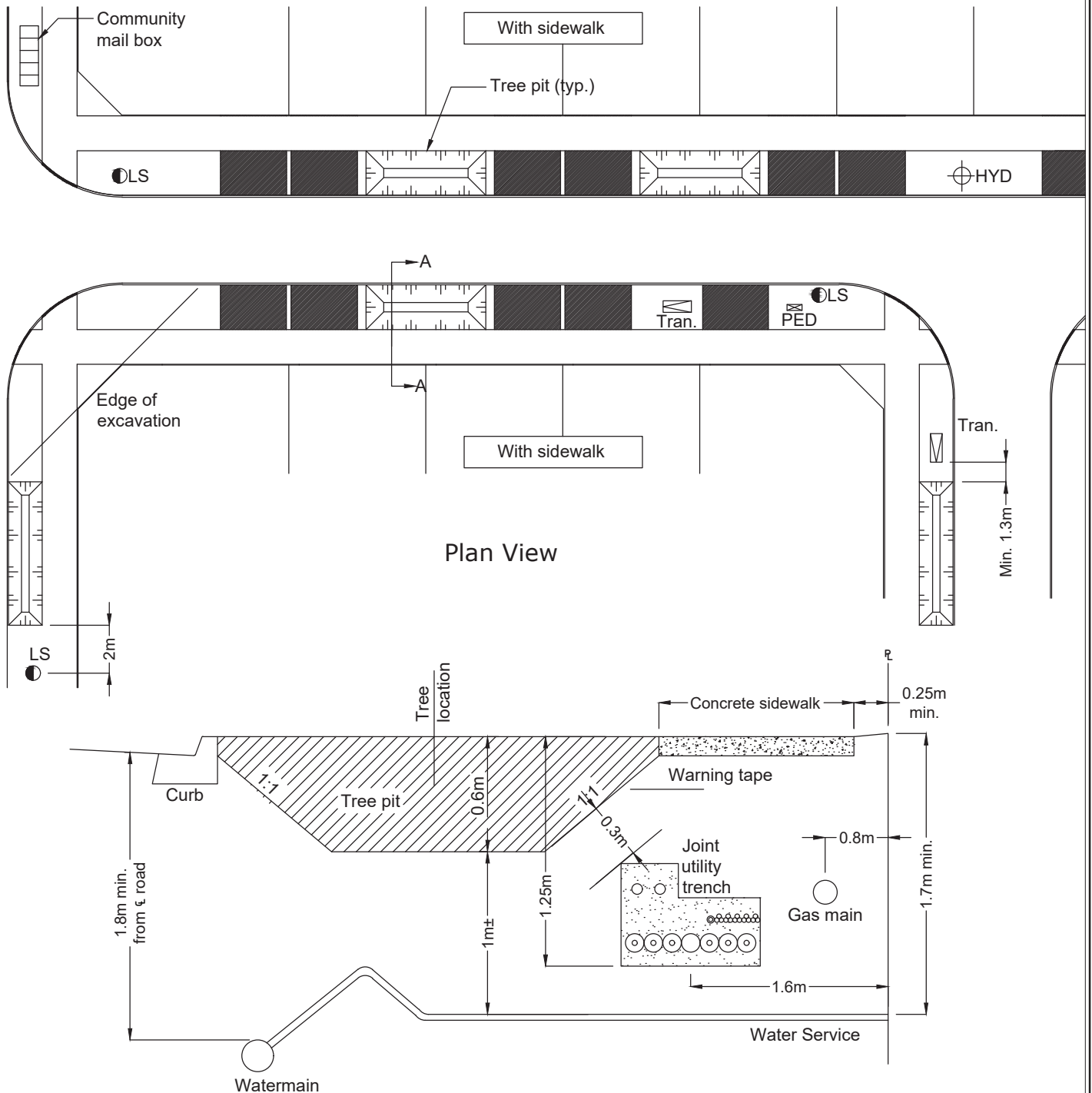
0.20	Parks, Cemeteries and Playground
0.65	Single Family Residential
0.65	Semi-detached Residential

Note: Q is lesser of Q^p or Q^c

0.75	Street Town Houses
0.85	Laneway Towns
0.90	Back to Back Towns

0.85 Industrial Areas
0.90 Commercial and Heavily Developed Areas
0.85 Apartments, Medium Density, Condo Townhouses, Schools and Churches

All dimensions in millimetres except where noted



Notes:

1. Tree pit excavation to be offset 0.3m from driveway.
2. Tree pit excavation to be offset a minimum of 1m from all other above ground infrastructure.
3. Reference Design Criteria Section G and Town Standards for specific details or on street tree planting locations, species, utility clearance and soil requirements.
4. Tree location will be centred within the boulevard between the end of sidewalk and back of curb.

All dimensions in millimetres except where noted

Checked _____
 Approved _____
 Scale NTS
 DWG Date Oct 2018
 Rev. No. 1
 Rev. Date March 2026

Drawing Title:

Tree Pit Rooting Zone

Pelham
 NIAGARA

DWG 514