

P:2022 Project:22003 Shayne Avenue, E:\Drawings\22003-BP.dwg, drawing title: PP-01

APPROVALS	date	init.
JRP	05 AUG 2022	JRP

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approved by:
APPROVED BY
 date:
 14 MAR 2022
 CAD file:
 22003-BP.dwg



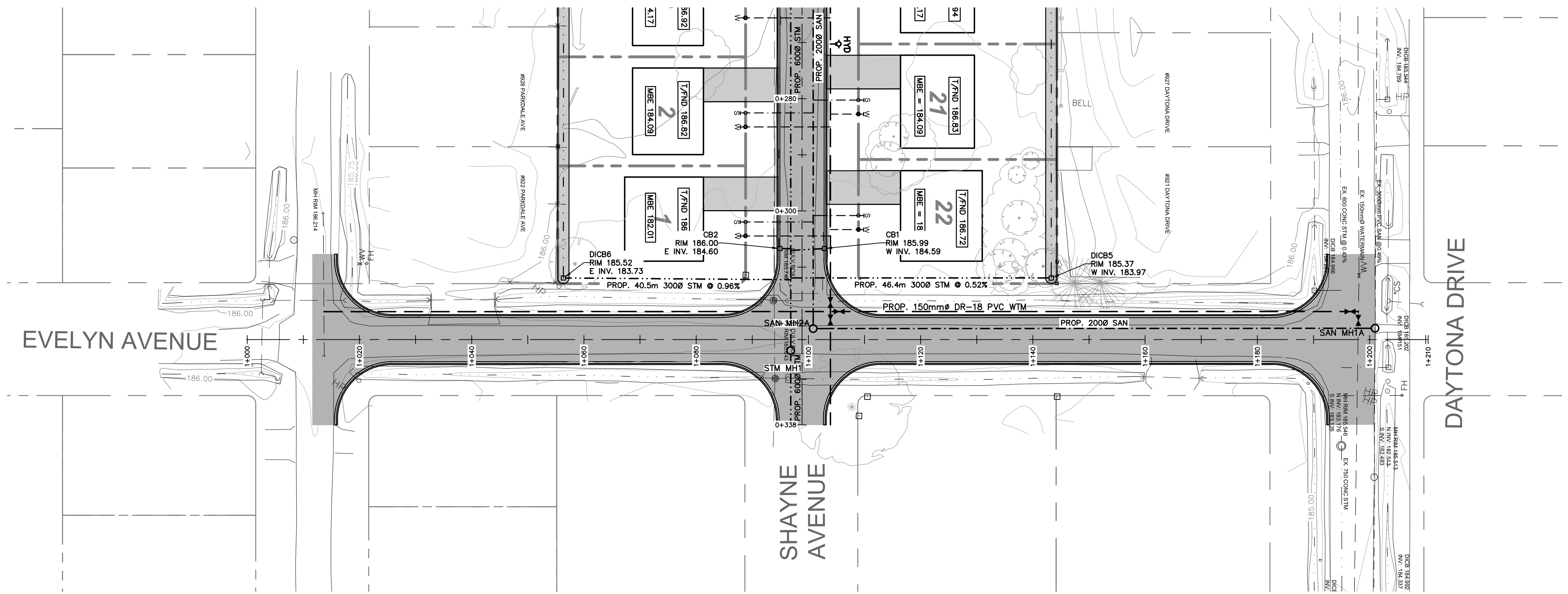
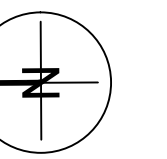
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project title
SHAYNE AVENUE SUBDIVISION
 Shayne Avenue
 Fort Erie, ON

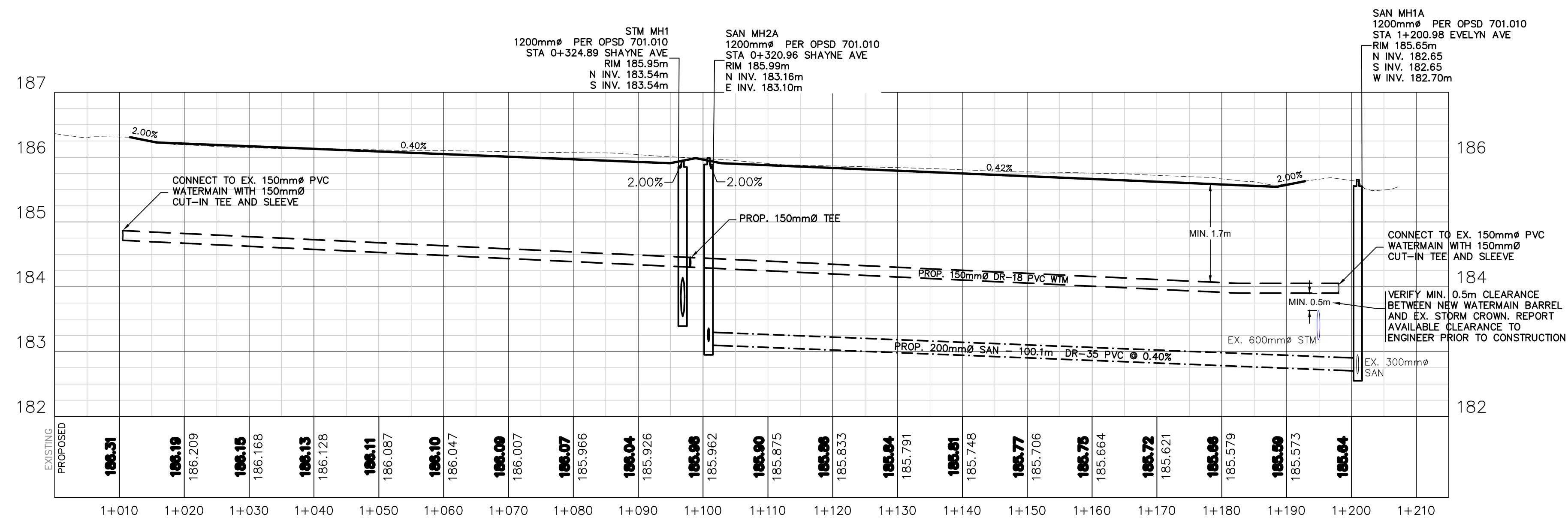
drawing title
SHAYNE AVENUE

drawn by
 JRP
 scale:
 1:500
 1:50
 job number
 220033
 drawing number
 PP-01

designed by
 JRP
 date
 18 MAR 2022
 issue
 A



RECONSTRUCTION DESIGN OF
EVELYN AVENUE TO BE
COORDINATED WITH OTHERS



P:\2022\Projects\22003\Shayne Avenue\FECDrawing\Chir22003-BP.dwg drawing tab: PP-02

Issue	Issued for	Date	Init.
A	APPROVALS	05 AUG 2022	JRP

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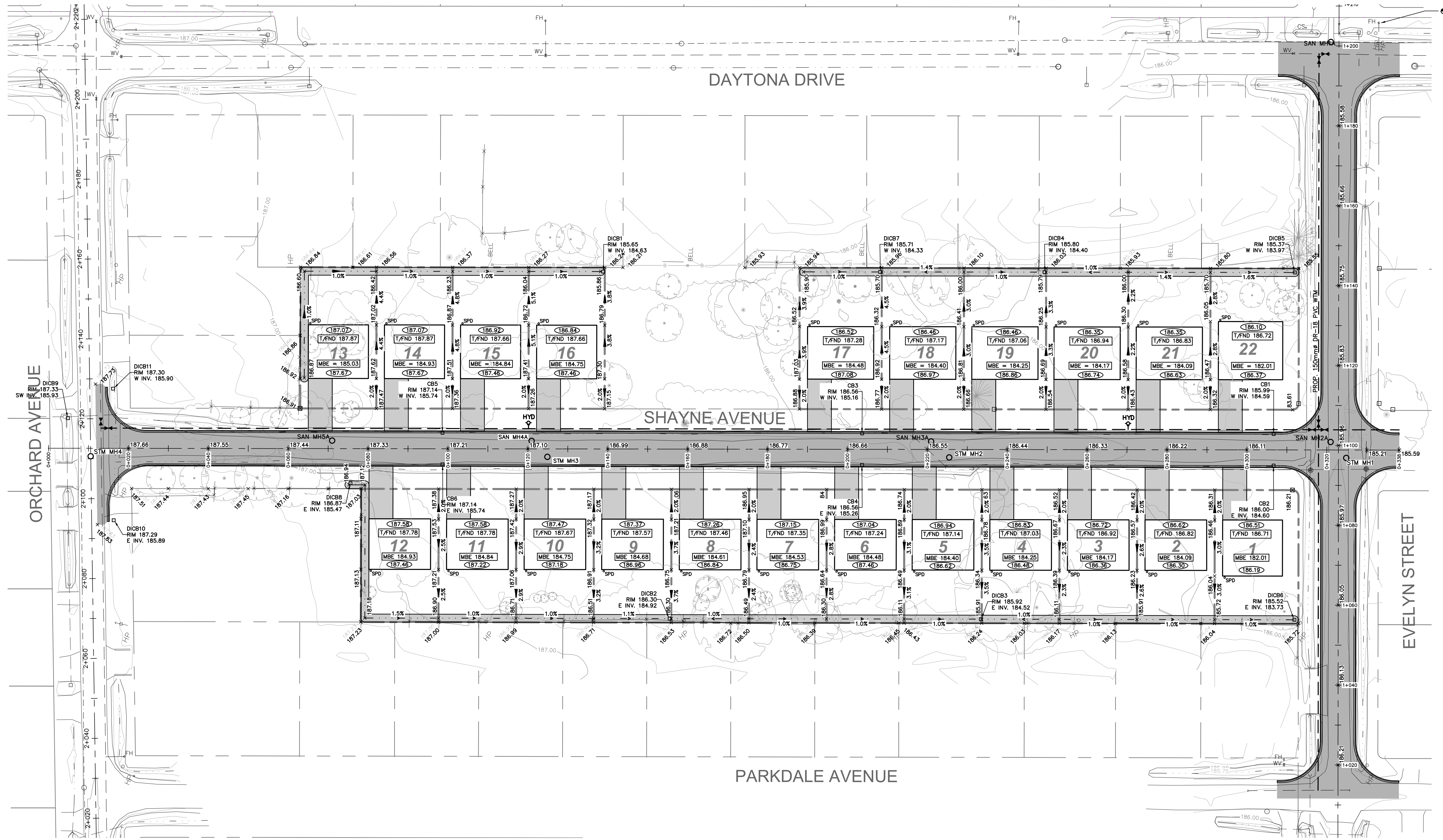


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project title
**SHAYNE AVENUE
 SUBDIVISION**
 Shayne Avenue
 Fort Erie, ON

drawing title
**EVELYN AVENUE
 RECONSTRUCTION**

drawn by	designed by
JRP	JRP
scale: 1:500 1:50	date 18 MAR 2022
job number 22003	issue A
drawing number PP-02	



- ### SEDIMENT AND EROSION CONTROL PLAN
1. EXISTING DRAINAGE OF ABUTTING LANDS IS NOT TO BE DISTURBED
 2. RETAINING WALLS, IF ANY, 1.0m HIGH OR GREATER, ARE TO BE DESIGNED BY AND CONSTRUCTED TO THE SPECIFICATIONS OF A REGISTERED PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE ONTARIO BUILDING CODE.
 3. ALL CONSTRUCTION VEHICLES SHALL ENTER AND EXIT THE SITE AT THE STABILIZED CONSTRUCTION ACCESS POINT ON NIVEN ROAD.
 4. MUNICIPAL ROADS SHALL BE FREE OF ACCUMULATED SOIL AND SHALL BE WASHED CLEAN PRIOR TO START OF WEEKEND
 5. ALL TOPSOIL STOCKPILES SHALL BE SURROUNDED WITH SEDIMENTATION CONTROL FENCING
 6. PROTECT ALL EXPOSED SURFACES AND CONTROL ALL RUNOFF DURING CONSTRUCTION.
 7. ALL EROSION CONTROL MEASURES ARE TO BE IN PLACE BEFORE STARTING CONSTRUCTION AND REMAIN IN PLACE UNTIL RESTORATION IS COMPLETE.
 8. ALL COLLECTED SEDIMENT MUST BE DISPOSED OF AT AN APPROVED LOCATION.
 9. PROTECT ALL EXISTING AND NEWLY INSTALLED CATCHBASINS, AND CATCHBASIN MAINTENANCE HOLES FROM SEDIMENT INTRUSION WITH TERRAFIX SILT SACKS (OR APPROVED EQUIVALENT)
 10. CHECK SUMPS PERIODICALLY AND CLEAN WHEN HALF FULL.
 11. PREVENT WIND-BLOWN DUST WITH WATER APPLICATION.
 12. STRAW BALES TO BE TERMINATED BY ROUNDING BALES TO CONTAIN AND FILTER RUNOFF.
 13. ALL SILT FENCING AT THE MINIMUM TO BE CONSTRUCTED IN ACCORDANCE WITH THE MINISTRY OF NATURAL RESOURCES AND FORESTRY GUIDELINES ON EROSION AND SEDIMENT CONTROL FOR URBAN CONSTRUCTION SITES.
 14. ALL THE ABOVE NOTES AND ANY SEDIMENT AND EROSION CONTROL MEASURES ARE AT THE MINIMUM TO BE IN ACCORDANCE WITH THE NATURAL RESOURCES GUIDELINES ON EROSION AND SEDIMENT CONTROL FOR URBAN CONSTRUCTION SITES.
 15. ANY MONITORING WELLS IDENTIFIED MUST BE DECOMMISSIONED BY AN APPROPRIATELY LICENSED CONTRACTOR PER ONTARIO WATER RESOURCES ACT [R.R.O. 1990, REG 903]
 16. THIS DRAWING TO BE READ IN CONJUNCTION WITH THE DETAILS DRAWING PP-01, PP-02, & D-1.

NO.	DATE	ISSUED FOR	BY

NO.	DATE	ISSUED FOR	BY
1	05 AUG 2022	JRP	JRP

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project title
SHAYNE AVENUE SUBDIVISION

drawing title
SHAYNE AVENUE

drawn by
 JRP

designed by
 JRP

scale:
 1:500
 1:125

job number
 22003

drawing number
 G-1

date
 18 MAR 2022

issue
 A

GENERAL

- 1. THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND ABOVE GROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS... 2. ALL AREAS DISTURBED BY THE CONTRACTOR DURING THE CONSTRUCTION OF THE WORKS HEREIN, MUST BE RESTORED TO ORIGINAL CONDITION OR BETTER AS DETERMINED BY THE ENGINEER... 3. ALL CONSTRUCTION SIGNAGE MUST CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR CANADA (MUTCD)...

MUST BE PVC, DR-18, CL235 OR GREATER, INSTALLED PER OPSS-701 WITH GRANULAR 'A' BEDDING & COVER PER OPSS-802.010. WATER SERVICE CONNECTIONS MUST BE 200mmØ TYPE 'K' SOFT COPPER AS PER OPSS 1104.010 & TOWN OF FORT ERIE STANDARD DRAWING PW-301 FE.

ROADS AND EARTHWORKS

- 37. FILL FOR ROADWAY AND PARKING AREAS TO BE CONSTRUCTED IN ACCORDANCE WITH OPSS 201 IN 200mm THICK LIFTS, USING SUITABLE NATIVE EXCAVATED OR IMPORTED MATERIAL APPROVED BY CONTRACT ADMINISTRATOR AND GEOTECHNICAL ENGINEER... 38. CURB AND GUTTER IN STREET 'A' R.O.W MUST BE IN ACCORDANCE WITH O.P.S.D. 600.040... 39. ALL CURB MUST BE UNDERLAIN WITH 100mmØ PERFORATED HDPE PIPE WITH POLYESTER/NYLON FILTER SOCK PER OPSS 405 AND PER DETAIL THIS SHEET...

Table with 2 columns: COURSE, THICKNESS. Includes SURFACE COURSE (40mm HL3 HS), BINDER COURSE (50mm HL8 HS), GRANULAR BASE (450mm GRAN. 'A'), TOTAL THICKNESS (540mm).

STORM SEWERS AND STORM DRAINAGE

- 42. MINIMUM ASPHALT AND GRANULAR THICKNESS FOR ROADWAY PER OPSS 310 & 314 AS FOLLOWS: (See table above) 43. AREAS TO BE SODDED MUST INCLUDE MINIMUM 100mm TOPSOIL PER OPSS 801. SOD TO BE IN ACCORDANCE WITH OPSS 803. NATIVE BACKFILLED AREAS TO BE SODDED MUST BE FREE OF GRANULAR PARTICLES OR OTHER MATERIALS DELETERIOUS TO PLANT GROWTH.

WATER SUPPLY

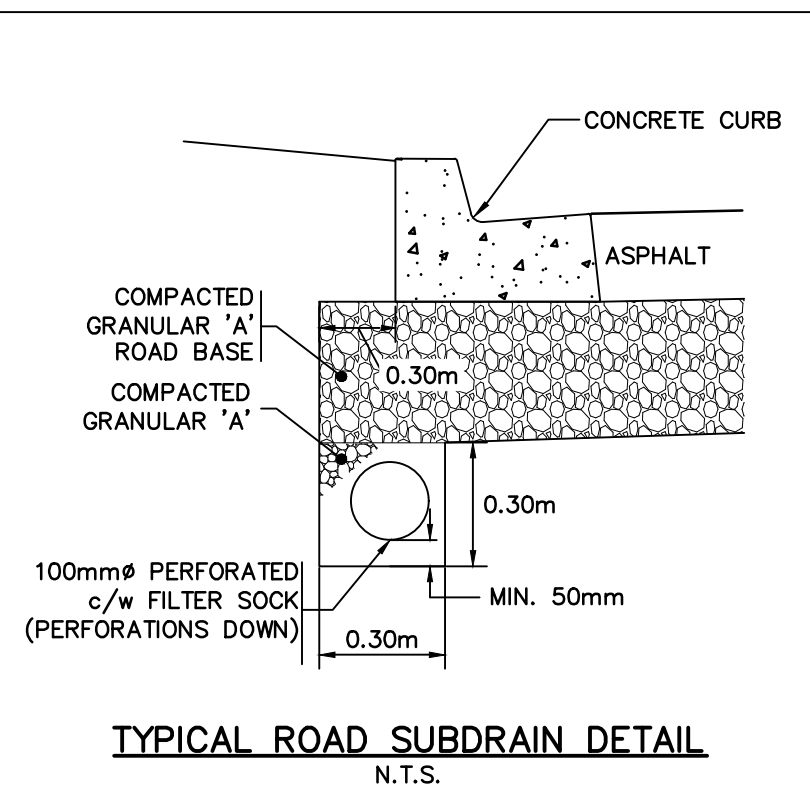
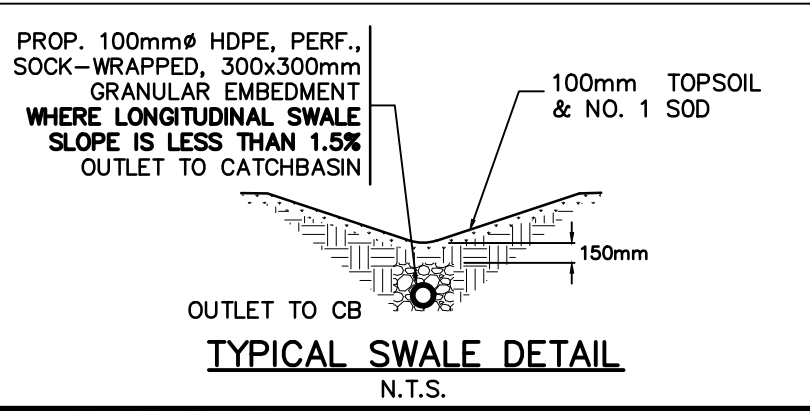
- 20. CONNECTIONS TO EXISTING TOWN WATERMAINS TO BE BY TOWN WORKS. 21. WATERMAINS OF 150mmØ AND GREATER MUST BE A.W.W.A. C900 PVC CLASS 235 (DR 18) WITH GASKETED JOINTS... 22. ALL SERVICE CONNECTIONS MUST HAVE CURB STOPS (COMPRESSION TYPE FITTINGS) BOXES INSTALLED AT AN APPROVED LOCATION... 23. PROVIDE MINIMUM 0.15m VERTICAL CLEARANCE BETWEEN THE WATERMAIN AND INFRASTRUCTURE CROSSING THE TRENCH...

41. COORDINATE CONNECTIONS TO EXISTING SEWERS WITH TOWN OF FORT ERIE PUBLIC WORKS STAFF AND QUARTEK GROUP INC.

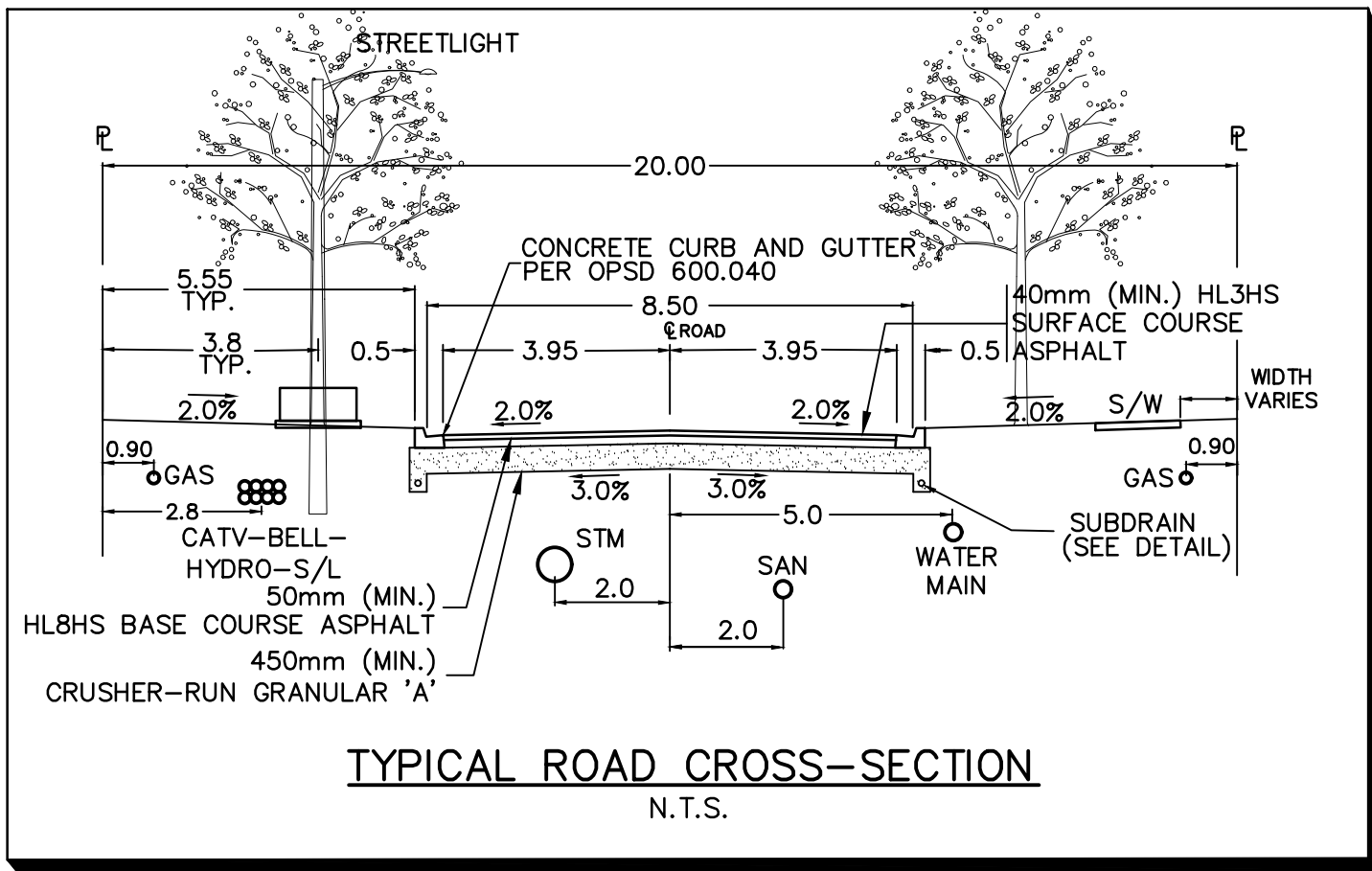
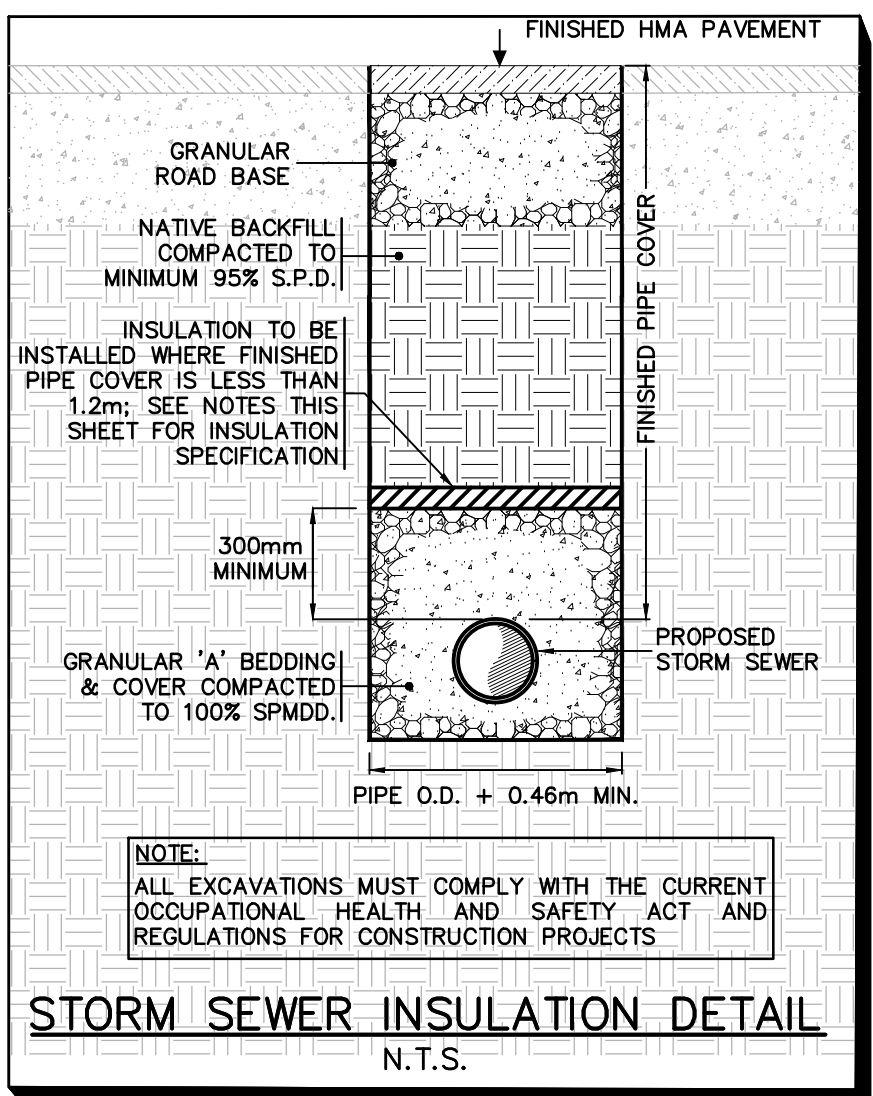
SANITARY SEWERS

- 62. WITHIN PROPOSED SUBDIVISION SITE, ALL SANITARY SEWERS, LEADS AND LATERALS MUST HAVE CLASS 'B' BEDDING PER OPSS 802.010, GRANULAR 'A' COVER MATERIAL AND SELECT NATIVE BACKFILL UNLESS OTHERWISE NOTED. 63. ALL SANITARY LATERALS TO BE 100mmØ DR-28 PVC LAID AT 2.0% SLOPE AND CONNECT TO THE SEWER WITH FACTORY TEE AND CAPPED & STAKED AT THE STREETLINE... 64. CONTRACTOR TO SUBMIT RECORD OF ALL SANITARY LATERAL INVERTS ALONG STREETLINE TO ENGINEER PRIOR TO GRANULAR ROAD BASE CONSTRUCTION.

TEMPORARY BENCHMARK INFORMATION
TOP OF TOP-NUT OF DAYTONA DRIVE MUNICIPAL HYDRANT AT EVELYN STREET
(AS SURVEYED 2022)
ELEVATION = 186.290 MASL
UTM (NAD 83, ZONE 17)
N: 4,751,804.11m E: 666,153.81m



LEGEND
PROPERTY LINE
EXISTING STORM SEWER
EXISTING SANITARY SEWER
EXISTING WATERMAIN
EXISTING GROUND CONTOUR
EXISTING FENCE
EXISTING BELL
EXISTING GAS
PROPOSED CONCRETE CURB & GUTTER
PROPOSED SWALE
PROPOSED SILT FENCE
PROPOSED STORM SEWER
PROPOSED WATER SERVICE & CURB STOP
PROPOSED WATERMAIN
PROPOSED SANITARY SEWER
PROPOSED SANITARY LATERAL & CLEAN OUT
PROPOSED ASPHALT



APPROVALS table with columns for APPROVALS, date, and initials. Includes JRP approval dated 05 AUG 2022.

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Table with project title 'SHAYNE AVENUE SUBDIVISION' and drawing title 'SHAYNE AVENUE'. Includes drawing number 220033 and drawing number D-1.

Table with columns for drawing number, scale (AS NOTED), date (03 AUG 2022), job number (220033), issue (A), and drawing number (D-1).