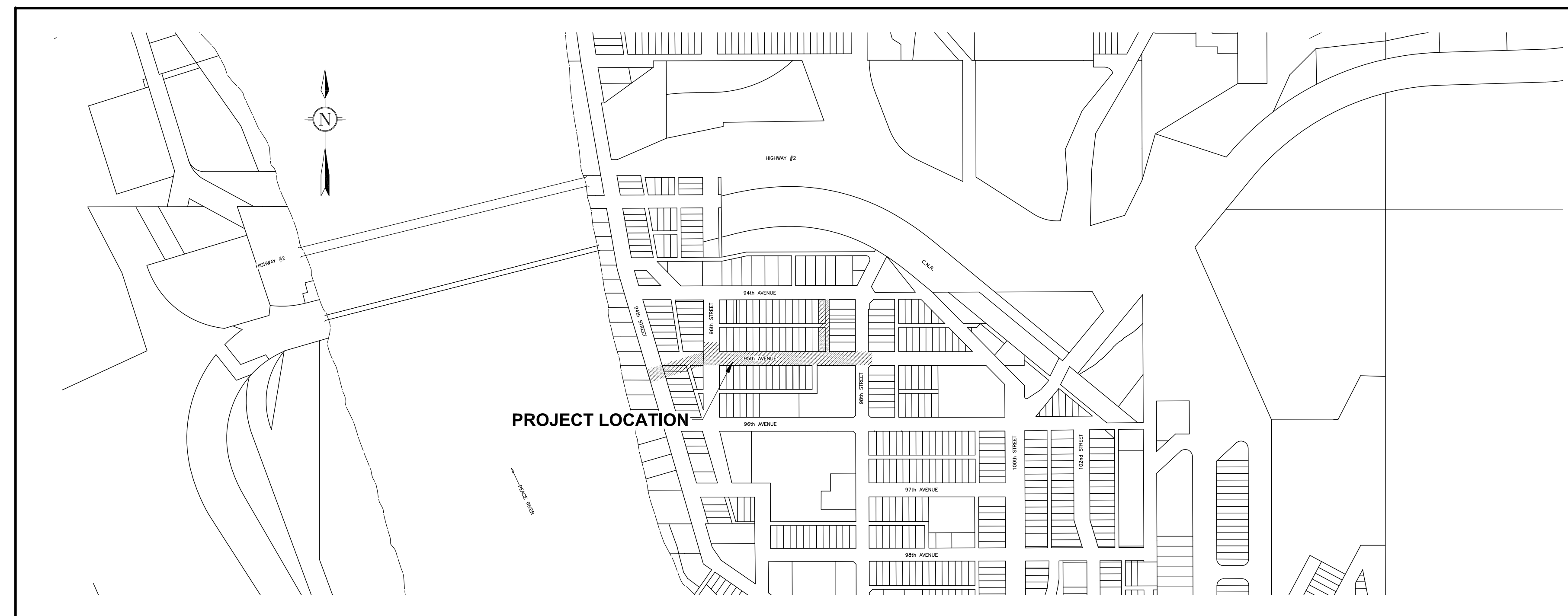


TOWN OF PEACE RIVER

NEIGHBOURHOOD INFRASTRUCTURE RENEWAL - 2023

95th AVENUE; 94th STREET TO 98th STREET BLOCK 11 LANE; 94th AVENUE TO 95th AVENUE PEACE RIVER, ALBERTA



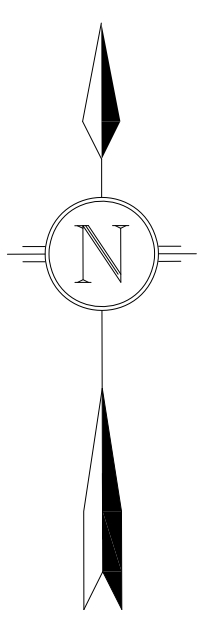
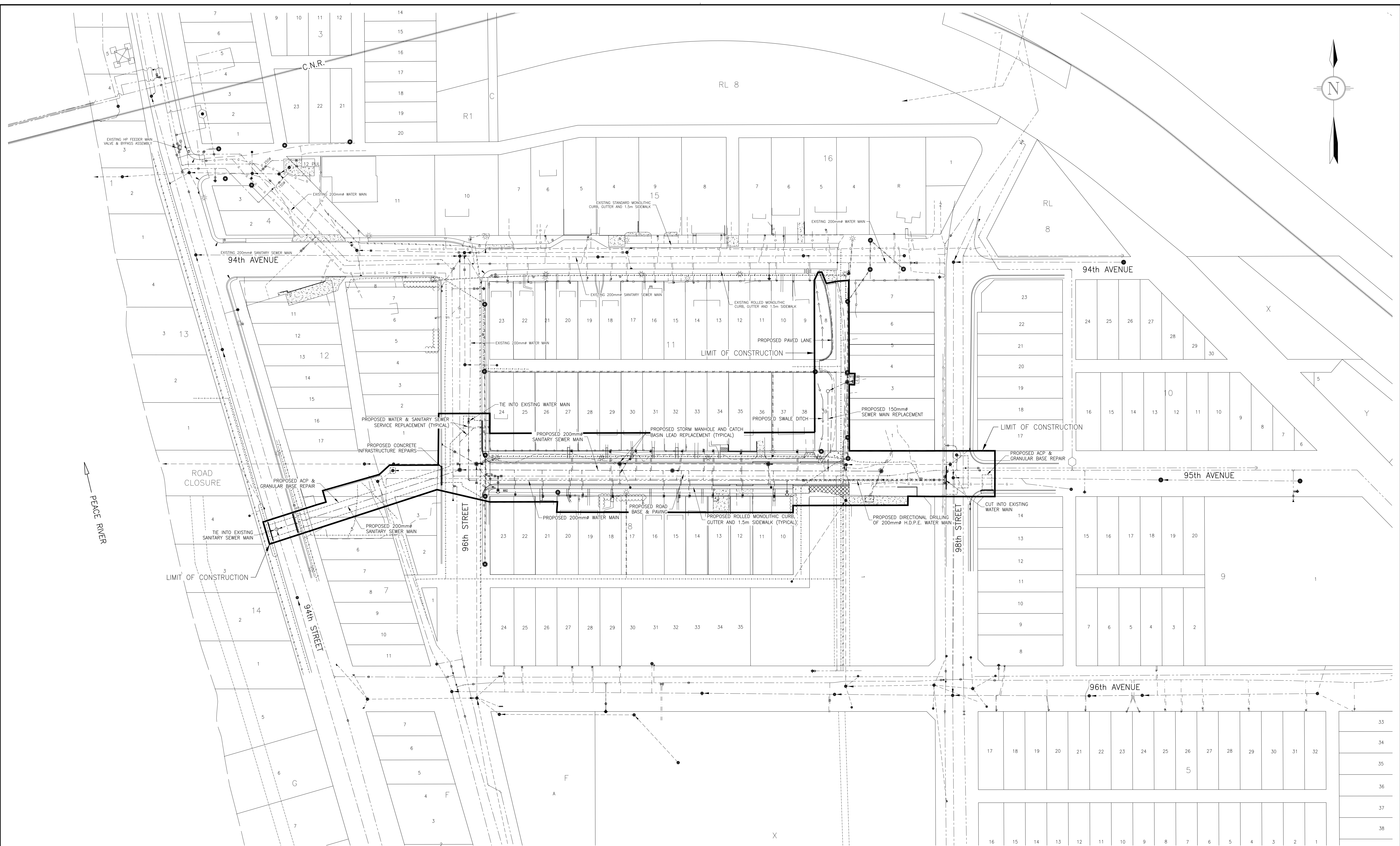
LOCATION PLAN
N.T.S.

DRAWING LIST - ISSUED FOR TENDER DRAWINGS

SHEET NO.	DWG. NO.	TITLE
--	230-602	COVER SHEET
1 of 4	230602-OA	OVERALL PLAN
2 of 4	230602-UG2	PLAN/PROFILE - 95th AVENUE; 94th STREET TO 98th STREET - UNDERGROUND
3 of 4	230602-UGR3	PLAN/PROFILE - BLOCK 11 LANE; 94th AVENUE TO 95th AVENUE - UNDERGROUND & ROADS
4 of 4	230602-R4	PLAN/PROFILE - 95th AVENUE; 94th STREET TO 98th STREET - ROADS & CONCRETE
D1-3 of 3	230602-D1 TO D3	STANDARD DETAILS
E1 of 1	230602-E1	TPR EXISTING INFRASTRUCTURE REFERENCE DRAWING
14 & 16 OF 16	E20G-20-114-116	AESL WATER FEEDERMAIN STANDARD DETAILS

LEGEND

PROPOSED		EXISTING	
---	WATER MAIN	---	WATER MAIN
---	SANITARY SEWER MAIN	---	SANITARY SEWER MAIN
---	STORM SEWER MAIN	---	STORM SEWER MAIN
○	MANHOLE	○	MANHOLE
D	CATCHBASIN	D	CATCHBASIN
E	SANITARY CAP	E	SANITARY CAP
□	CLEANOUT	□	CLEANOUT
⊗	GATE VALVE	⊗	GATE VALVE
⊕	WATER PLUG	⊕	WATER PLUG
⊖	HYDRANT	⊖	HYDRANT
+	TEE	+	TEE
○	CURB STOP	○	CURB STOP
○	REDUCER	○	REDUCER
—TEL—TEL—	UNDERGROUND TELLS	—TEL—TEL—	UNDERGROUND TELLS
—P—P—	UNDERGROUND POWER	—P—P—	UNDERGROUND POWER
—G—G—	UNDERGROUND GAS	—G—G—	UNDERGROUND GAS
—OHP—OHP—	OVERHEAD POWER	—OHP—OHP—	OVERHEAD POWER
—	SIDEWALK WITH PARA-RAMP	—	SIDEWALK WITH PARA-RAMP
—	CURB, GUTTER & SIDEWALK	—	CURB, GUTTER & SIDEWALK
---	EDGE OF PAVEMENT	---	EDGE OF PAVEMENT
---	EDGE OF GRAVEL	---	EDGE OF GRAVEL
○	STREET LIGHT	○	STREET LIGHT
○	POWER POLE	○	POWER POLE
○	TREE	○	TREE



NO.	REVISION	BY	APPD.	DATE
5.	ISSUED FOR TENDER	J.W.S.	J.W.S.	2023-02-17
4.	ISSUED FOR PUBLIC INFORMATION SESSION	J.W.S.	J.W.S.	2021-02-18
3.	ISSUED FOR FINAL REVIEW	K.L.K.	J.W.S.	2021-02-04
2.	ISSUED FOR PUBLIC INFORMATION SESSION	K.L.K.	J.W.S.	2020-08-06
1.	ISSUED FOR PUBLIC MEETING	K.L.K.	J.W.S.	2020-06-17



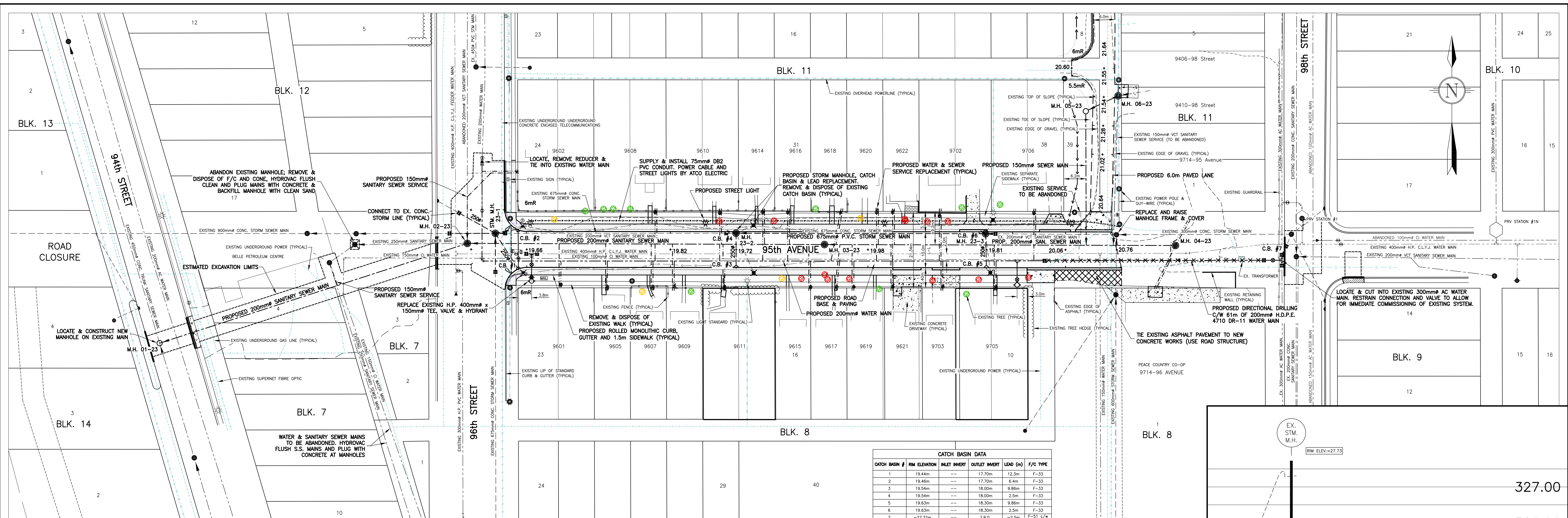
**PERMIT TO PRACTICE
VELOCITY ENGINEERING INC.**
 RM SIGNATURE: *[Signature]*
 RM APEGA ID #: 65763
 DATE: February 22, 2023
PERMIT NUMBER: P013417
 The Association of Professional Engineers and Geoscientists of Alberta (APEGA)

DESIGN: J.W.S.
 DRAWN: K.L.K.
 CHECKED: J.W.S.
 DATE: January 25, 2023
 BENCHMARK:
 SCALE: 1:750

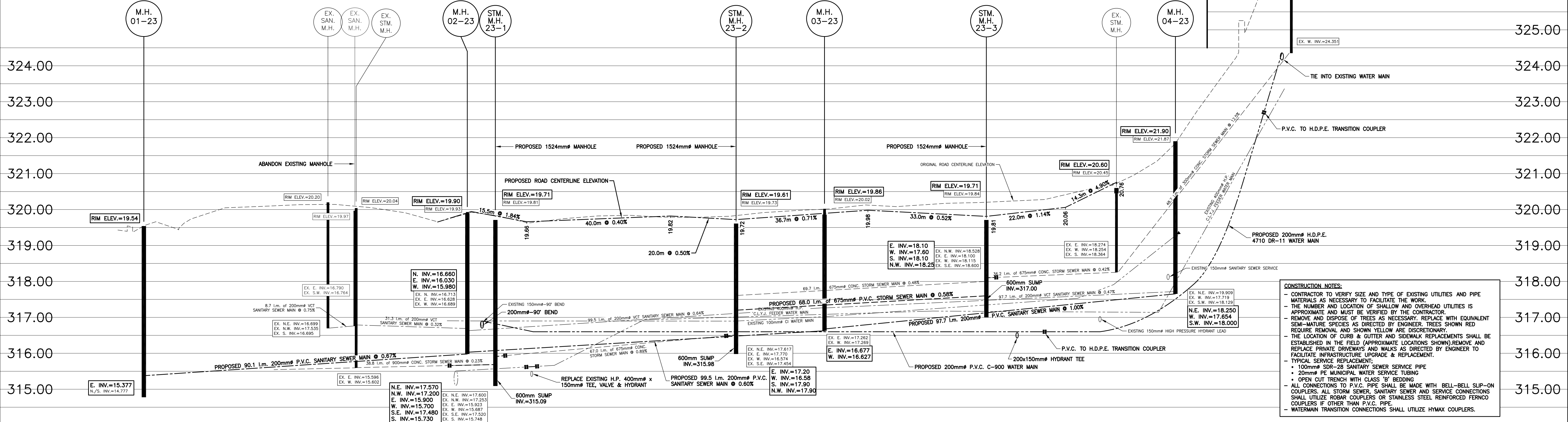


CLIENT: TOWN OF PEACE RIVER
 PROJECT: NEIGHBOURHOOD INFRASTRUCTURE RENEWAL - 2023
 95th AVENUE; 94th STREET TO 98th STREET
 BLOCK 11 LANE; 94th AVENUE TO 95th AVENUE
 OVERALL PLAN

CLIENT FILE No. ---
 VELOCITY FILE No. 230-602
 DRAWING No. 230602-OA
 SHEET 1 OF 5
 LAYOUT No. 02 REV. 04

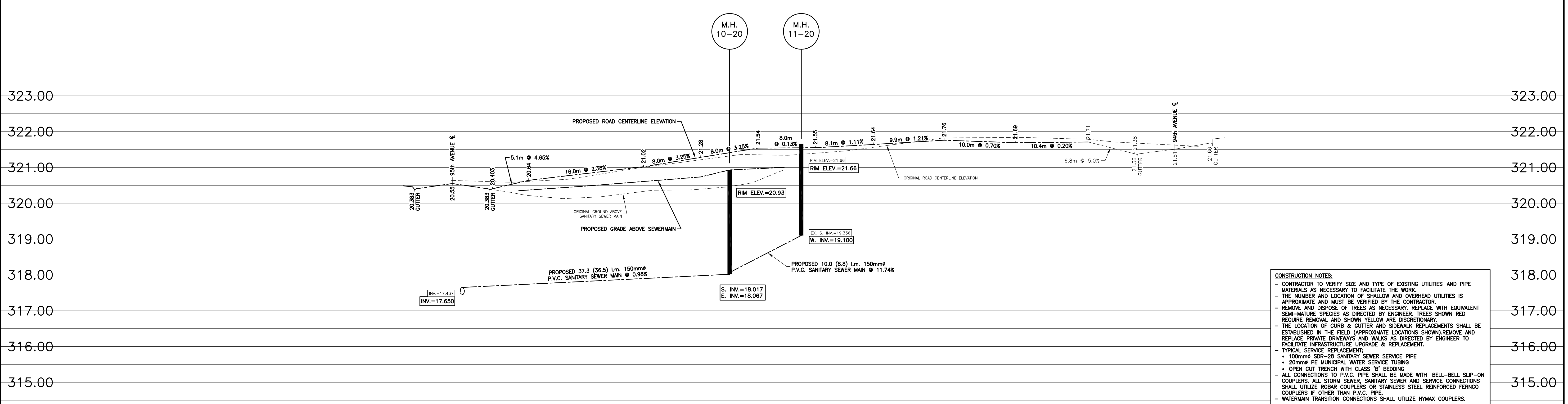
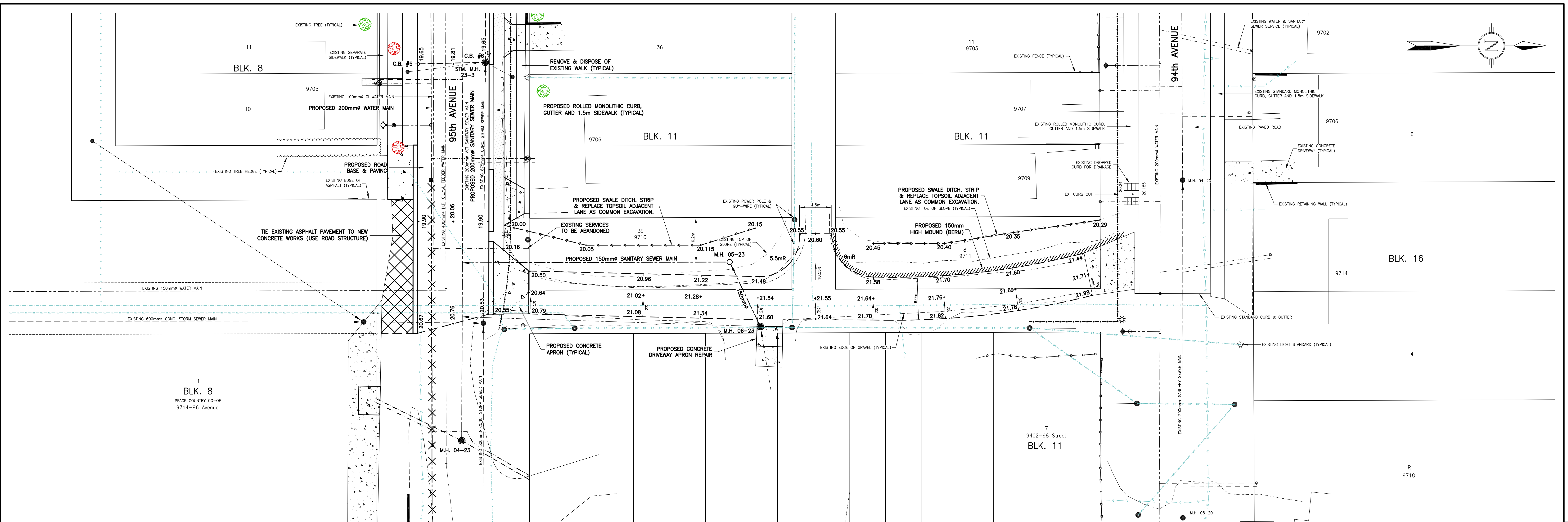


CATCH BASIN #	RIM ELEVATION	INLET INVERT	OUTLET INVERT	LEAD (m)	F/C TYPE
1	19.44m	---	17.70m	12.3m	F-33
2	19.46m	---	17.70m	6.4m	F-33
3	19.54m	---	18.00m	9.86m	F-33
4	19.54m	---	18.00m	2.5m	F-33
5	19.63m	---	18.30m	9.86m	F-33
6	19.63m	---	18.30m	2.5m	F-33
7	-27.32m	---	T.B.D.	-2.5m	F-51 c/w side inlet



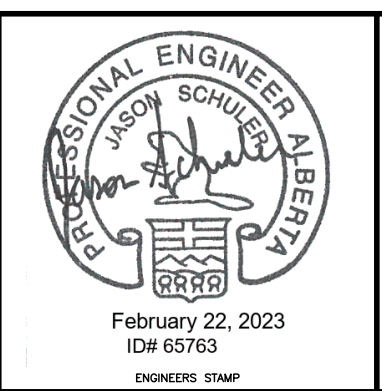
<p>6. ISSUED FOR TENDER</p> <p>5. ISSUED FOR PUBLIC INFORMATION SESSION</p> <p>4. ISSUED FOR FINAL REVIEW</p> <p>3. REVISE SERVICE LOCATIONS & ADDED LANE DETAIL</p> <p>2. ISSUED FOR PUBLIC INFORMATION SESSION</p> <p>1. ISSUED FOR PUBLIC MEETING</p>	<p>J.W.S. J.W.S. 2023-02-17</p> <p>J.W.S. J.W.S. 2021-02-18</p> <p>K.L.K. J.W.S. 2021-02-04</p> <p>K.L.K. J.W.S. 2020-10-15</p> <p>K.L.K. J.W.S. 2020-08-06</p> <p>K.L.K. J.W.S. 2020-06-17</p>	<p>PERMIT TO PRACTICE VELOCITY ENGINEERING INC.</p> <p>RM SIGNATURE: <i>[Signature]</i></p> <p>RM APEGA ID #: 65763</p> <p>DATE: February 22, 2023</p> <p>PERMIT NUMBER: P013417</p> <p>The Association of Professional Engineers and Geoscientists of Alberta (APEGA)</p>	<p>DESIGN: J.W.S.</p> <p>DRAWN: K.L.K.</p> <p>CHECKED: J.W.S.</p> <p>DATE: January 25, 2023</p> <p>BENCHMARK:</p> <p>SCALE: HORIZ.-1:500 VERT.-1:50</p>	<p>CLIENT: TOWN OF PEACE RIVER</p> <p>PROJECT: NEIGHBOURHOOD INFRASTRUCTURE RENEWAL - 2023</p> <p>95th AVENUE; 94th STREET TO 98th STREET</p> <p>UNDERGROUND INFRASTRUCTURE REPLACEMENT</p> <p>PLAN AND PROFILE</p>	<p>CLIENT FILE No. ---</p> <p>VELOCITY FILE No. 230-602</p> <p>DRAWING No. 230602-UG2</p> <p>SHEET 2 OF 4</p> <p>LAYOUT No. 03</p> <p>REV. 05</p>
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C:\Users\Velocity\OneDrive\Documents\Projects\Peace River - 2023 (020 - Ave. & Block 11 - Lundy)\Drawings\UG2\Drawings\230-602-UG2 - Plan and Profile - February 22, 2023 - 2:24pm



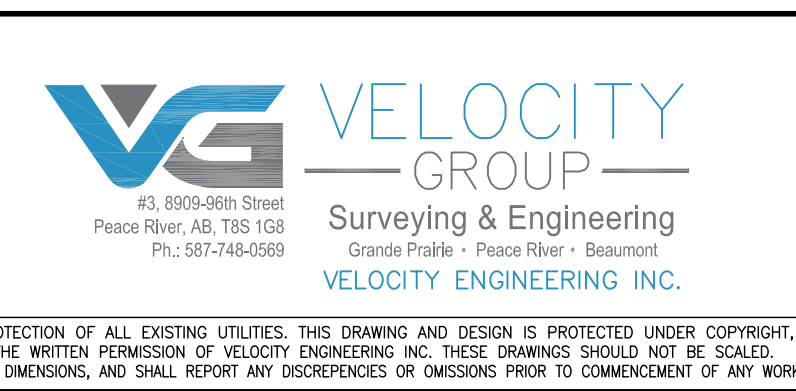
- CONSTRUCTION NOTES:**
- CONTRACTOR TO VERIFY SIZE AND TYPE OF EXISTING UTILITIES AND PIPE MATERIALS AS NECESSARY TO FACILITATE THE WORK.
 - THE NUMBER AND LOCATION OF SHALLOW AND OVERHEAD UTILITIES IS APPROXIMATE AND MUST BE VERIFIED BY THE CONTRACTOR.
 - REMOVE AND DISPOSE OF TREES AS NECESSARY. REPLACE WITH EQUIVALENT SEMI-MATURE SPECIES AS DIRECTED BY ENGINEER. TREES SHOWN RED REQUIRE REMOVAL AND SHOWN YELLOW ARE DISCRETIONARY.
 - THE LOCATION OF CURB & GUTTER AND SIDEWALK REPLACEMENTS SHALL BE ESTABLISHED IN THE FIELD (APPROXIMATE LOCATIONS SHOWN). REMOVE AND REPLACE PRIVATE DRIVEWAYS AND WALKS AS DIRECTED BY ENGINEER TO FACILITATE INFRASTRUCTURE UPGRADE & REPLACEMENT.
 - TYPICAL SERVICE REPLACEMENT:
 - 100mm SDR-28 SANITARY SEWER SERVICE PIPE
 - 200mm PE MUNICIPAL WATER SERVICE TUBING
 - OPEN CUT TRENCH WITH CLASS 'B' BEDDING
 - ALL CONNECTIONS TO P.V.C. PIPE SHALL BE MADE WITH BELL-BELL SJP-ON COUPLERS. ALL STORM SEWER, SANITARY SEWER AND SERVICE CONNECTIONS SHALL UTILIZE ROBAR COUPLERS OR STAINLESS STEEL REINFORCED FERNCO COUPLERS IF OTHER THAN P.V.C. PIPE.
 - WATERMAIN TRANSITION CONNECTIONS SHALL UTILIZE HMAX COUPLERS.

NO.	REVISION	BY	APPD.	DATE
3	ISSUED FOR TENDER	J.W.S.	J.W.S.	2023-02-17
2	ISSUED FOR FINAL REVIEW & PUBLIC INFORMATION SESSION	K.L.K.	J.W.S.	2021-02-18
1	ISSUED FOR PRELIMINARY REVIEW	K.L.K.	J.W.S.	2020-10-15



PERMIT TO PRACTICE
VELOCITY ENGINEERING INC.
 RM SIGNATURE: *Kieron Schuler*
 RM APEGA ID #: 65763
 DATE: February 22, 2023
PERMIT NUMBER: P013417
 The Association of Professional Engineers and Geoscientists of Alberta (APEGA)

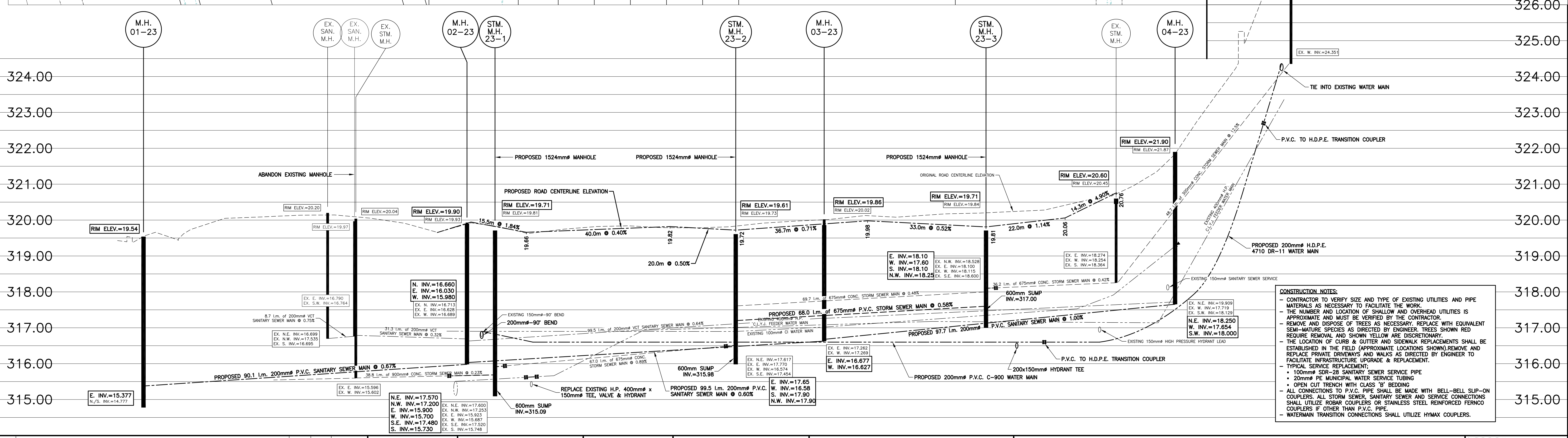
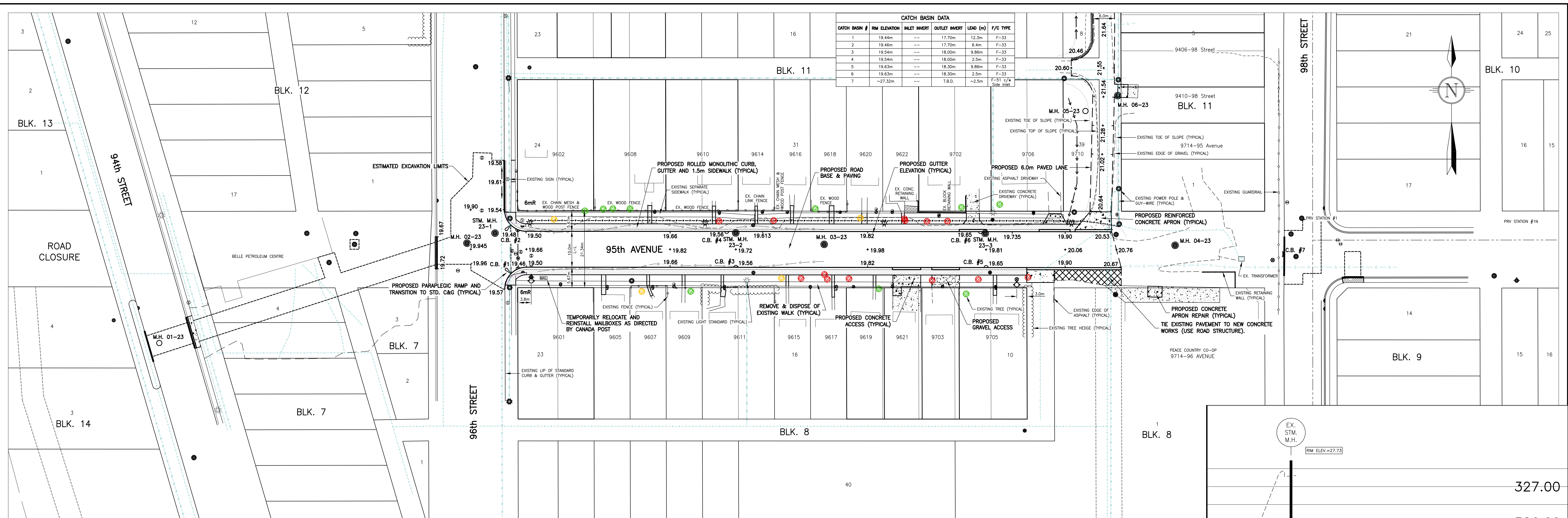
DESIGN: J.W.S.
 DRAWN: K.L.K.
 CHECKED: J.W.S.
 DATE: January 25, 2023
 BENCHMARK:
 SCALE: HORIZ.-1:250 VERT.-1:50



CLIENT: TOWN OF PEACE RIVER
 PROJECT: NEIGHBOURHOOD INFRASTRUCTURE RENEWAL - 2022
 BLOCK 11 LANE; 94th AVENUE TO 95th AVENUE
 ROADS & UNDERGROUND INFRASTRUCTURE
 PLAN AND PROFILE

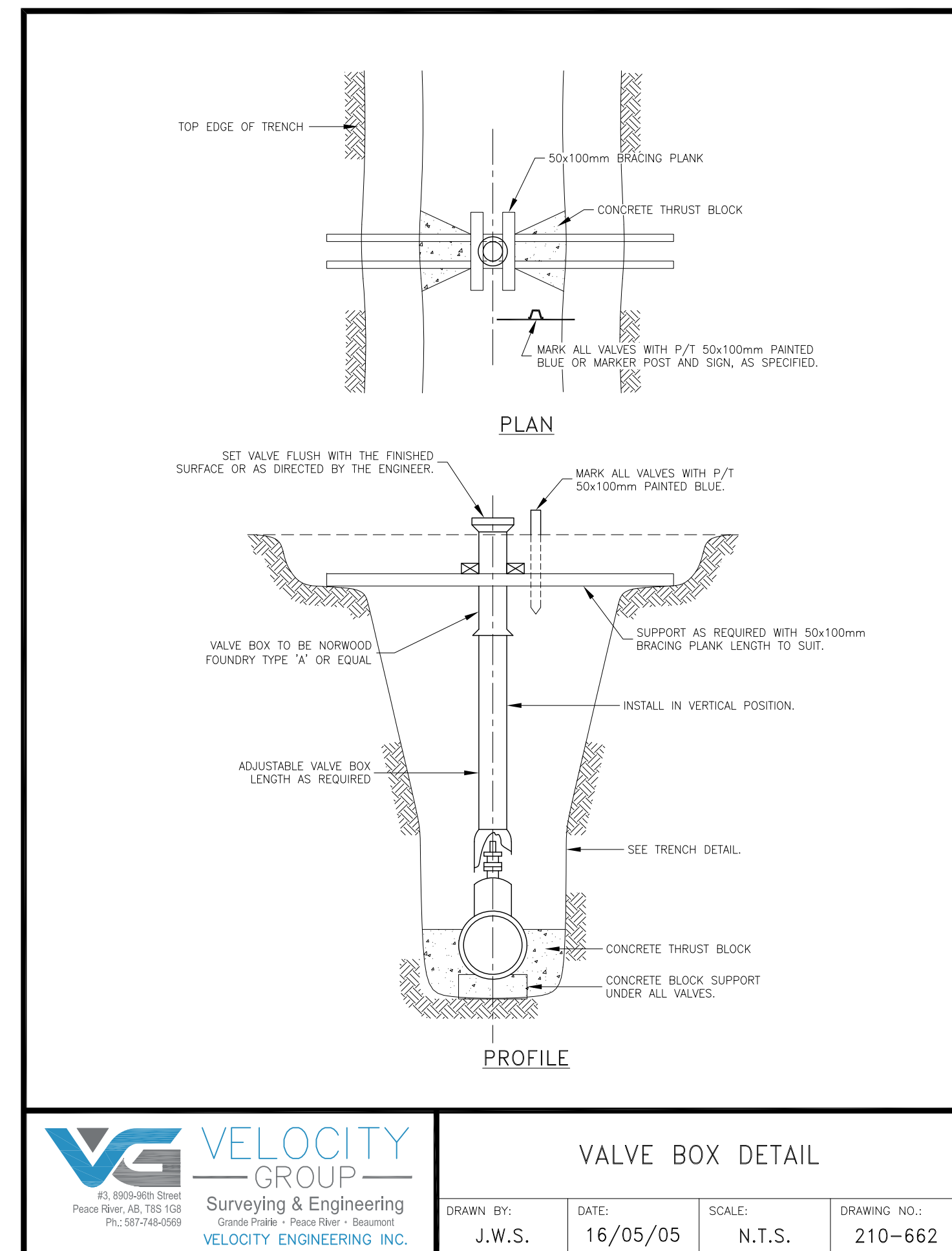
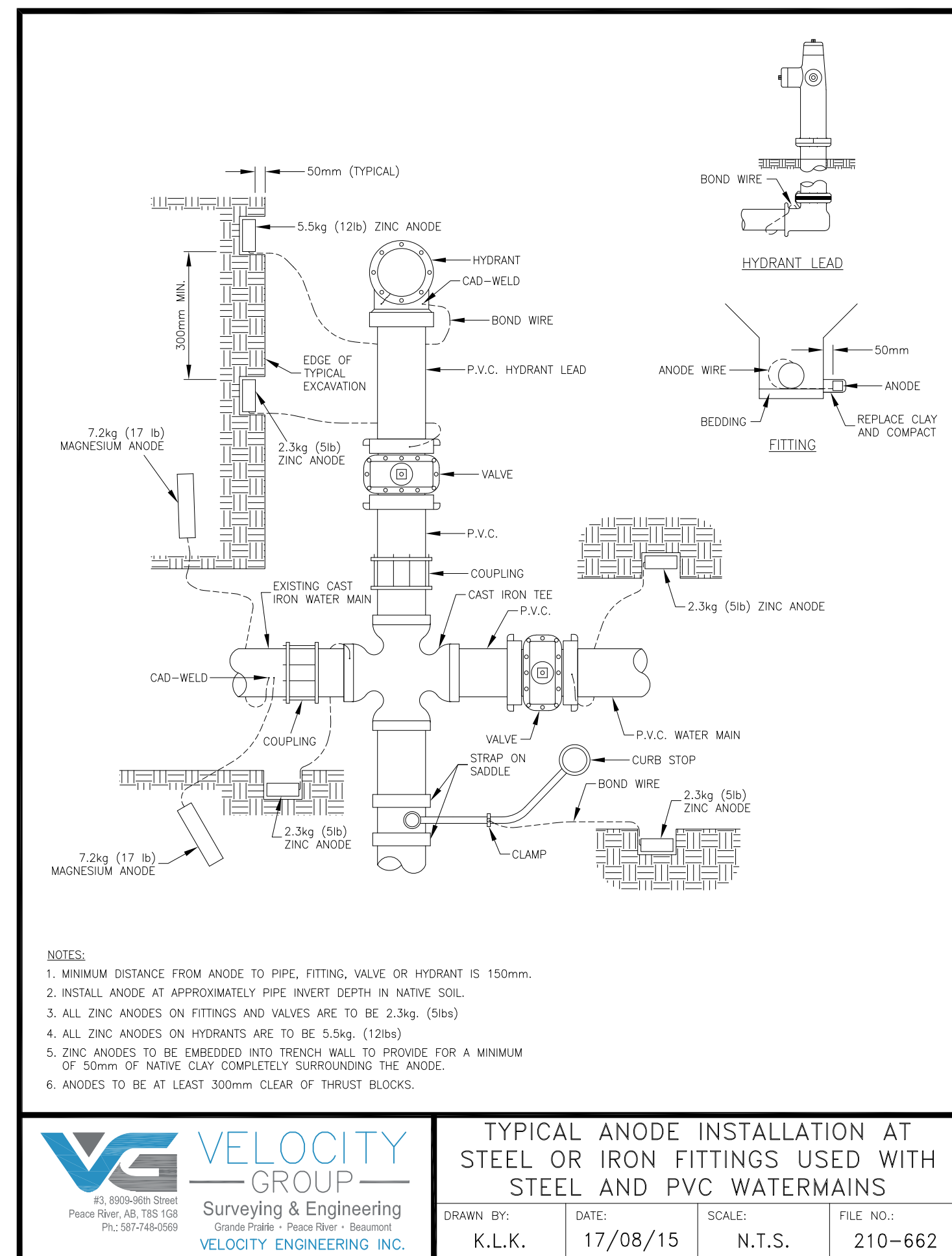
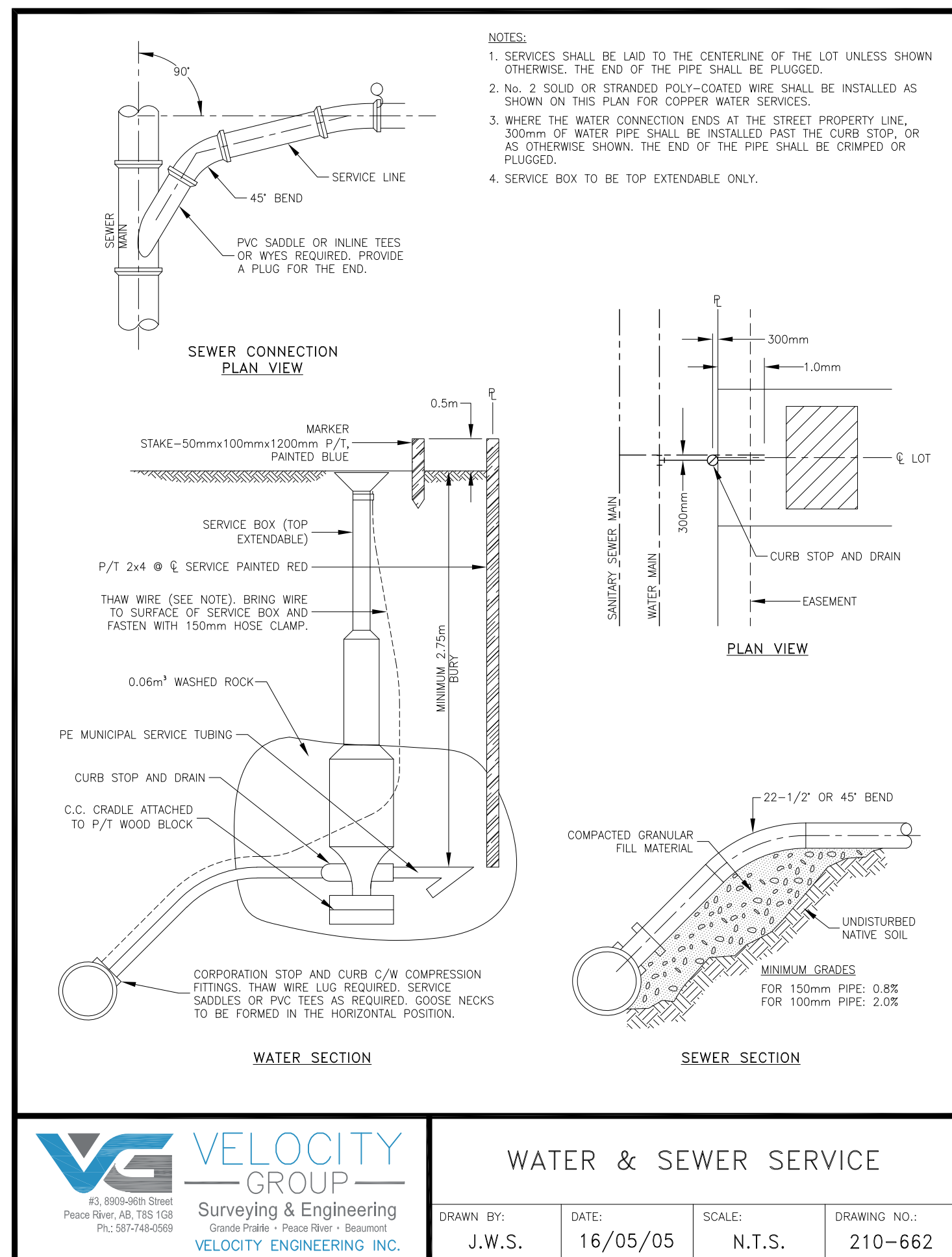
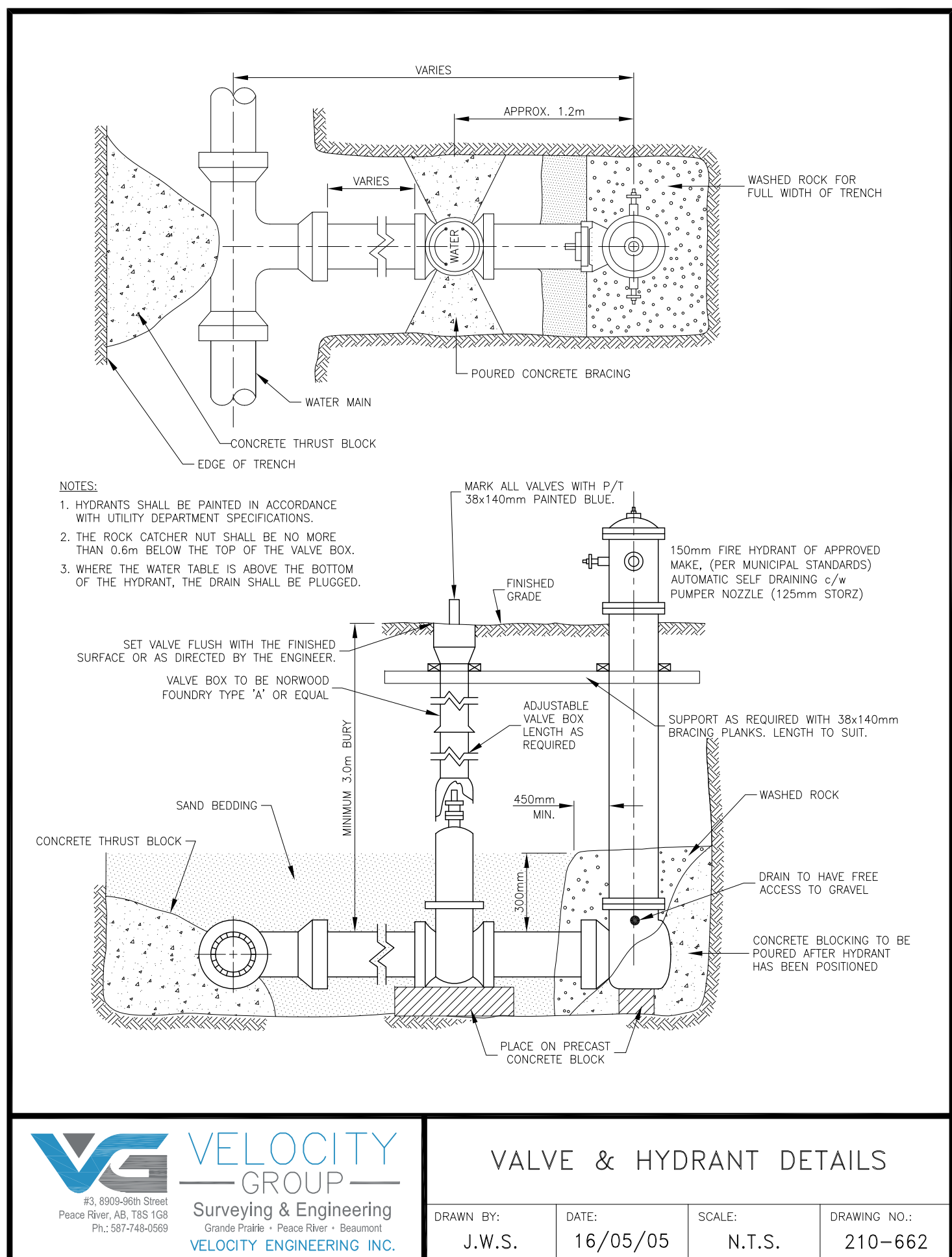
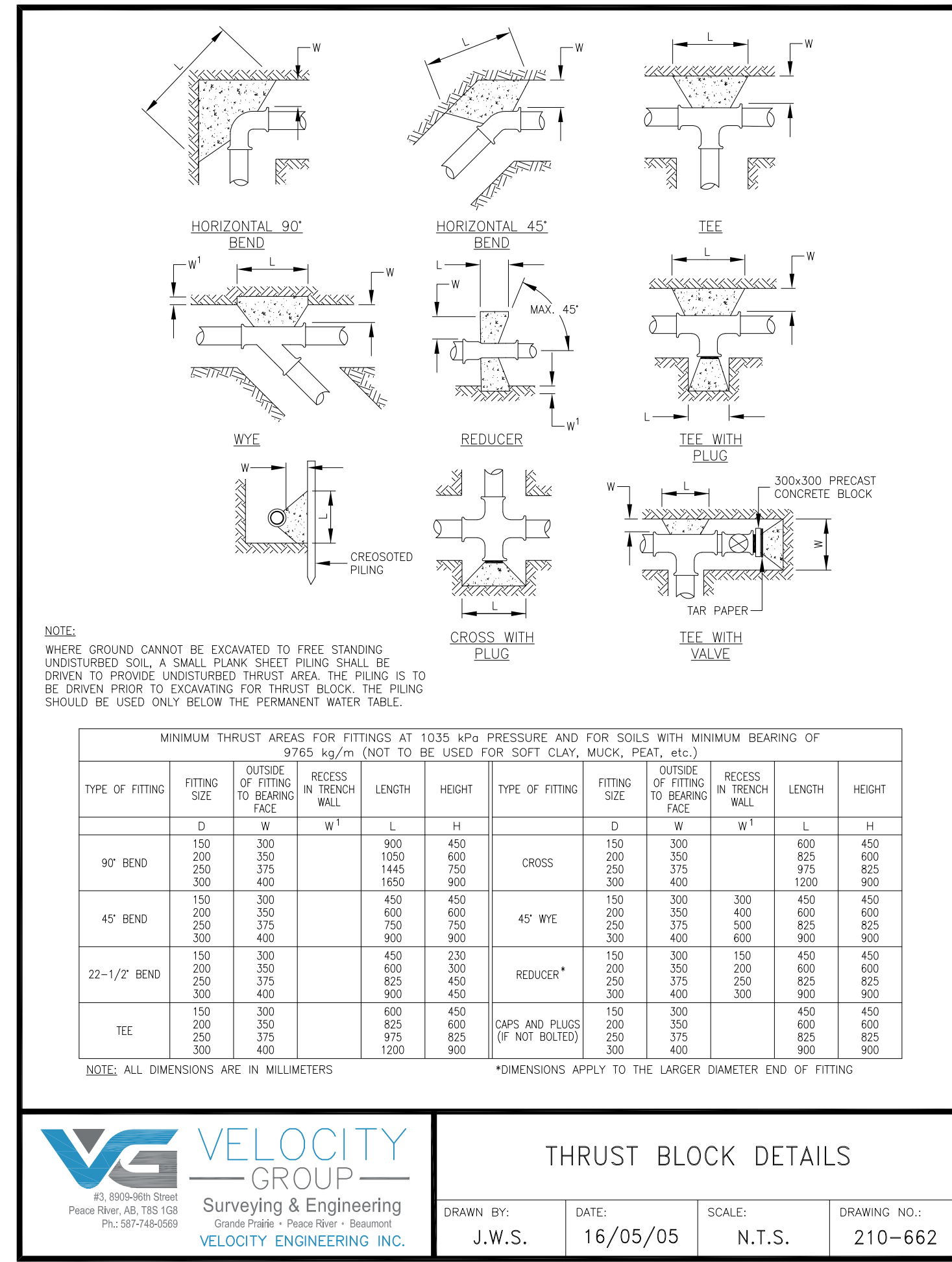
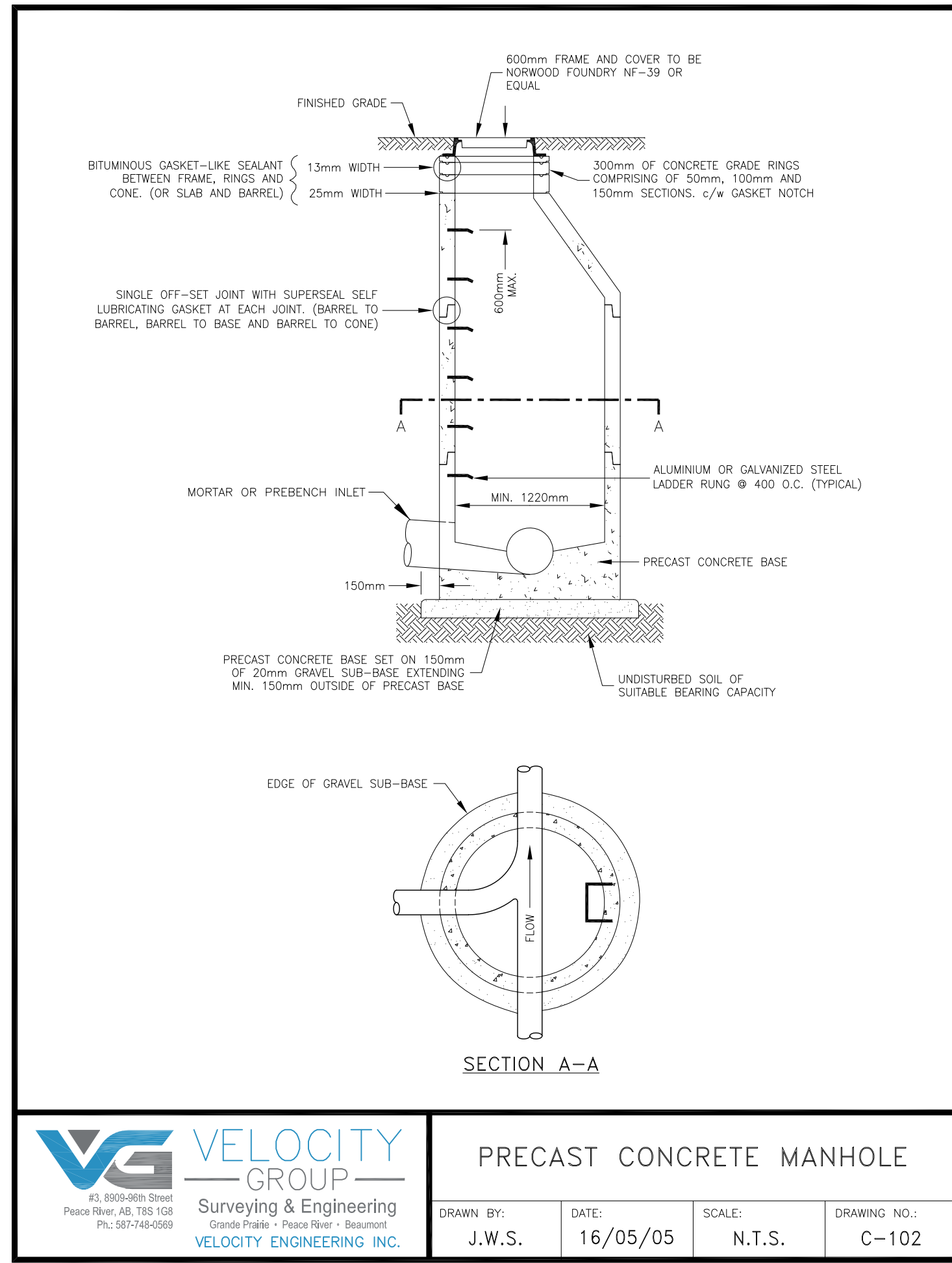
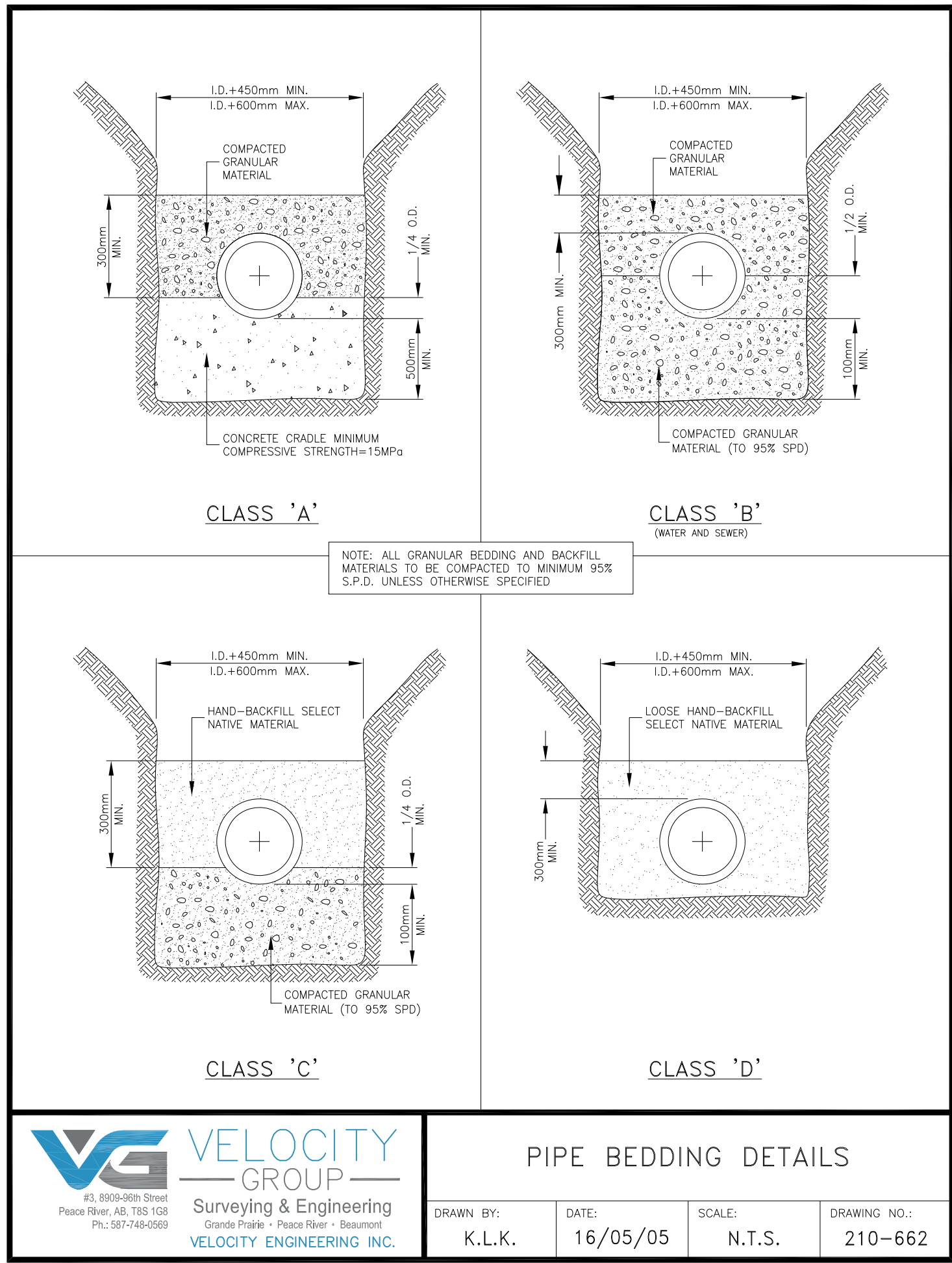
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 VELOCITY FILE No. 230-602
 DRAWING No. 230602-UGR3
 SHEET 3 OF 4
 LAYOUT No. 04 REV. 02

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND THE PROTECTION OF ALL EXISTING UTILITIES. THIS DRAWING AND DESIGN IS PROTECTED UNDER COPYRIGHT, AND ANY USE, REPRODUCTION OR REVISION IS STRICTLY PROHIBITED WITHOUT THE WRITTEN PERMISSION OF VELOCITY ENGINEERING INC. THESE DRAWINGS SHOULD NOT BE SCALED. IF BEING USED FOR CONSTRUCTION, THE CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS, AND SHALL REPORT ANY DISCREPANCIES OR OMISSIONS PRIOR TO COMMENCEMENT OF ANY WORK.



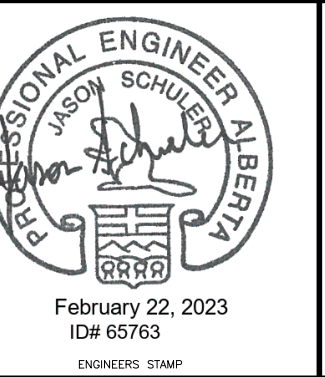
6 ISSUED FOR TENDER 5 ISSUED FOR PUBLIC INFORMATION SESSION 4 ISSUED FOR FINAL REVIEW 3. ADDED LANE DETAIL 2. ISSUED FOR PUBLIC INFORMATION SESSION 1. ISSUED FOR PUBLIC MEETING	J.W.S. J.W.S. 2023-02-17 J.W.S. J.W.S. 2021-02-18 K.L.K. J.W.S. 2021-02-04 K.L.K. J.W.S. 2020-10-15 K.L.K. J.W.S. 2020-08-06 K.L.K. J.W.S. 2020-06-17	PROFESSIONAL ENGINEER ALBERTA J. SCHUBERT February 22, 2023 ID# 65763	PERMIT TO PRACTICE VELOCITY ENGINEERING INC. RIM SIGNATURE: <i>[Signature]</i> RIM APEGA ID #: 65763 DATE: February 22, 2023 PERMIT NUMBER: P013417 The Association of Professional Engineers and Geoscientists of Alberta (APEGA)	DESIGN: J.W.S. DRAWN: K.L.K. CHECKED: J.W.S. DATE: January 25, 2023 BENCHMARK: SCALE: HORIZ.-1:500 VERT.-1:50	VELOCITY GROUP #3 8909-99th Street Peace River, AB, T5S 1G8 PH: 507-748-9069 SURVEYING & ENGINEERING GRADE PLANS - PEACE RIVER - BASEMENT VELOCITY ENGINEERING INC.	CLIENT: TOWN OF PEACE RIVER PROJECT: NEIGHBOURHOOD INFRASTRUCTURE RENEWAL - 2022 95th AVENUE; 94th STREET TO 98th STREET CONCRETE AND ROAD WORK PLAN AND PROFILE	CLIENT FILE No. --- VELOCITY FILE No. 230-602 DRAWING No. 230602-R4 SHEET 4 OF 4 LAYOUT No. 04 REV. 05
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C:\Users\jwells\OneDrive - Velocity Engineering Inc\Velocity - Documents\230602\Peace River - 2023 (02) - Ave. & Block 11 Layout\3 Drawings\330-602 - Render - Final.dwg, Feb 22, 2023 - 2:30pm



NO.	ISSUED FOR	BY	DATE
5.	ISSUED FOR TENDER	K.L.K.	J.W.S. 2023-02-13
4.	ISSUED FOR PUBLIC INFORMATION SESSION	J.W.S.	J.W.S. 2021-02-18
3.	ISSUED FOR FINAL REVIEW	K.L.K.	J.W.S. 2021-02-04
2.	ISSUED FOR PUBLIC INFORMATION SESSION	K.L.K.	J.W.S. 2020-08-06
1.	ISSUED FOR PUBLIC MEETING	K.L.K.	J.W.S. 2020-06-17

REVISION



PERMIT TO PRACTICE
VELOCITY ENGINEERING INC.
RM SIGNATURE: *J.W.S.*
RM APEGA ID #: 65763
DATE: February 22, 2023
PERMIT NUMBER: P013417
The Association of Professional Engineers and Geoscientists of Alberta (APEGA)

DESIGN: J.W.S.
DRAWN: K.L.K.
CHECKED: J.W.S.
DATE: January 25, 2023
BENCHMARK:
SCALE: AS NOTED

VELOCITY GROUP
Surveys & Engineering
K.L.K. 17/08/15 N.T.S. 210-622

CLIENT: TOWN OF PEACE RIVER
PROJECT: NEIGHBOURHOOD INFRASTRUCTURE RENEWAL - 2023
95th AVENUE; 94th STREET TO 98th STREET
BLOCK 11 LANE; 94th AVENUE TO 95th AVENUE
STANDARD DETAILS

CLIENT FILE No. ---
VELOCITY FILE No. 230-602
DRAWING No. 230602-D1
SHEET D1 OF 3
LAYOUT No. 05
REV. 04

NOTES

- TOOLED GROOVES 5mm WIDE x 10mm DEEP, SPACING 150mm. BROOM FINISH ALL AREAS FOR NON-SLIP.
- ALL DIMENSIONS IN mm UNLESS OTHERWISE SPECIFIED.

PLAN VIEW

ELEVATION VIEW

SECTION 'A-A'

VELOCITY GROUP
Surveys & Engineering
Grande Prairie • Peace River • Beaumont
VELOCITY ENGINEERING INC.

TYPICAL WHEELCHAIR RAMP

DRAWN BY: J.W.S. DATE: 16/05/05 SCALE: N.T.S. DRAWING NO.: 210-662

VELOCITY GROUP
Surveys & Engineering
Grande Prairie • Peace River • Beaumont
VELOCITY ENGINEERING INC.

MONOLITHIC CURB, GUTTER & SIDEWALK

DRAWN BY: K.L.K. DATE: 18/03/01 SCALE: N.T.S. FILE NO.: 210-662

VELOCITY GROUP
Surveys & Engineering
Grande Prairie • Peace River • Beaumont
VELOCITY ENGINEERING INC.

STANDARD 140mm CURB & GUTTER

DRAWN BY: J.W.S. DATE: 16/05/05 SCALE: N.T.S. DRAWING NO.: 210-662

VELOCITY GROUP
Surveys & Engineering
Grande Prairie • Peace River • Beaumont
VELOCITY ENGINEERING INC.

STANDARD CATCH BASIN

DRAWN BY: K.L.K. DATE: 18/03/15 SCALE: N.T.S. FILE NO.: 210-662

ASPHALT ROAD WIDTH	8.0m	9.0m	9.4m	10.0m	11.0m	12.0m	13.4m	14.0m
CROWN HEIGHT, "Y"	100	110	120	130	140	150	170	180
1/4 ROAD WIDTH HEIGHT "Y1"	60	65	70	80	85	90	100	110

VELOCITY GROUP
Surveys & Engineering
Grande Prairie • Peace River • Beaumont
VELOCITY ENGINEERING INC.

PAVEMENT CROWN FOR VARIOUS ROAD WIDTHS

DRAWN BY: J.W.S. DATE: 16/05/05 SCALE: N.T.S. DRAWING NO.: 210-662

VELOCITY GROUP
Surveys & Engineering
Grande Prairie • Peace River • Beaumont
VELOCITY ENGINEERING INC.

CONCRETE SIDEWALK DETAILS

DRAWN BY: K.L.K. DATE: 18/03/01 SCALE: N.T.S. FILE NO.: 210-662

VELOCITY GROUP
Surveys & Engineering
Grande Prairie • Peace River • Beaumont
VELOCITY ENGINEERING INC.

ROLLED CURB & GUTTER

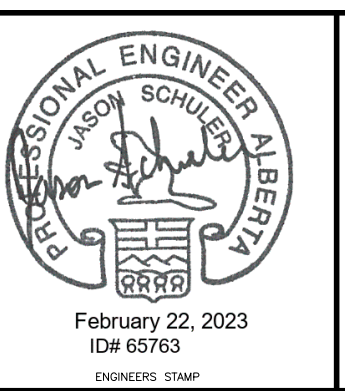
DRAWN BY: K.L.K. DATE: 17/02/15 SCALE: N.T.S. FILE NO.: 210-662

VELOCITY GROUP
Surveys & Engineering
Grande Prairie • Peace River • Beaumont
VELOCITY ENGINEERING INC.

ROAD SECTION DETAILS

DRAWN BY: K.L.K. DATE: 17/02/20 SCALE: N.T.S. DRAWING NO.: 210-662

REVISION	BY	APPD.	DATE
5. ISSUED FOR TENDER	K.L.K.	J.W.S.	2023-02-13
4. ISSUED FOR PUBLIC INFORMATION SESSION	J.W.S.	J.W.S.	2021-02-18
3. ISSUED FOR FINAL REVIEW	K.L.K.	J.W.S.	2021-02-04
2. ISSUED FOR PUBLIC INFORMATION SESSION	K.L.K.	J.W.S.	2020-08-06
1. ISSUED FOR PUBLIC MEETING	K.L.K.	J.W.S.	2020-06-17



PERMIT TO PRACTICE VELOCITY ENGINEERING INC.

RM SIGNATURE: *K.L.K.*

RM APEGA ID #: 65763

DATE: February 22, 2023

PERMIT NUMBER: P013417

The Association of Professional Engineers and Geoscientists of Alberta (APEGA)

DESIGN: J.W.S.

DRAWN: K.L.K.

CHECKED: J.W.S.

DATE: January 25, 2023

BENCHMARK:

SCALE: AS NOTED

VELOCITY GROUP
Surveys & Engineering
Grande Prairie • Peace River • Beaumont
VELOCITY ENGINEERING INC.

CLIENT: TOWN OF PEACE RIVER

PROJECT: NEIGHBOURHOOD INFRASTRUCTURE RENEWAL - 2023
95th AVENUE; 94th STREET TO 98th STREET
BLOCK 11 LANE; 94th AVENUE TO 95th AVENUE
STANDARD DETAILS

CLIENT FILE No. --

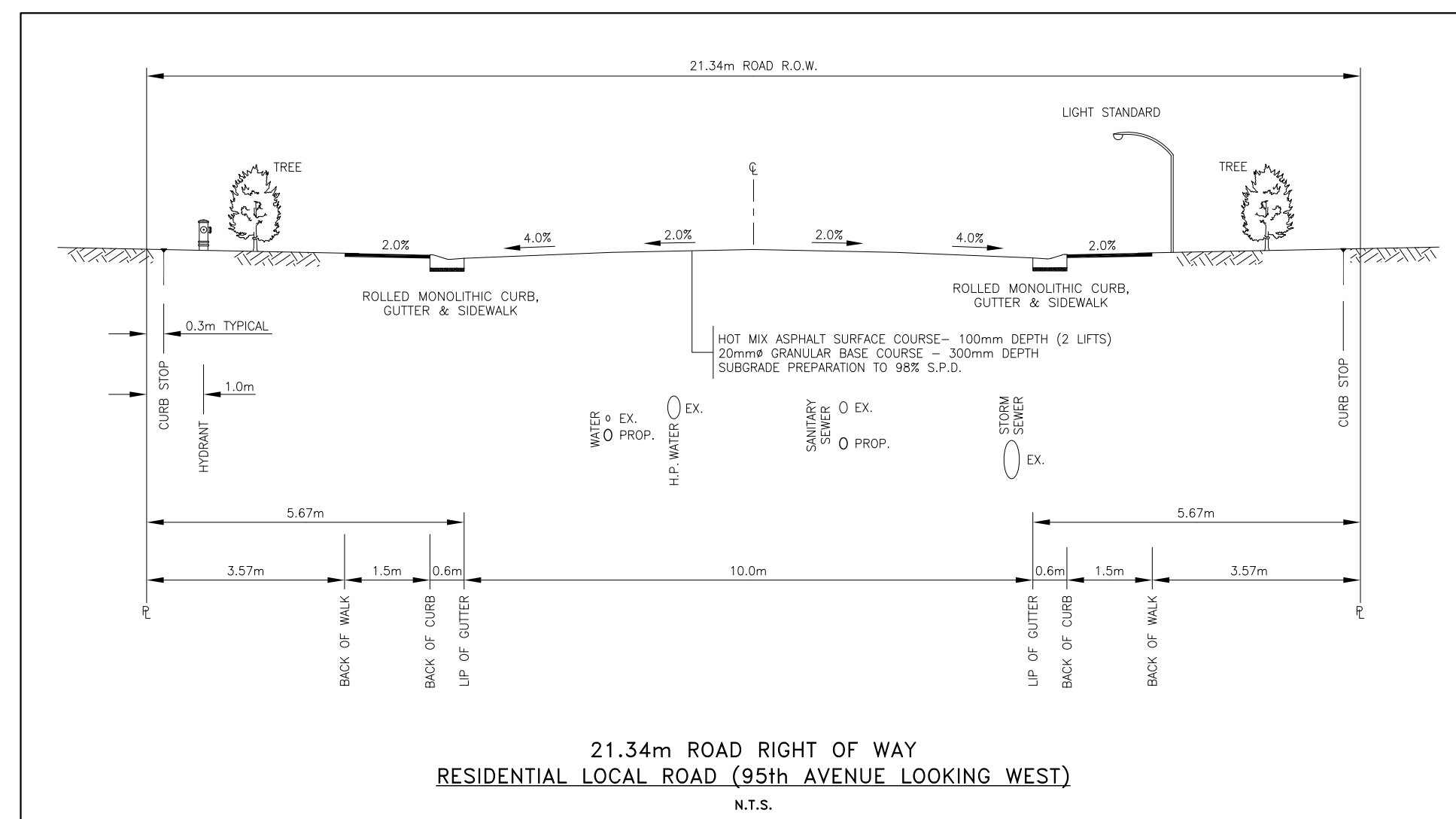
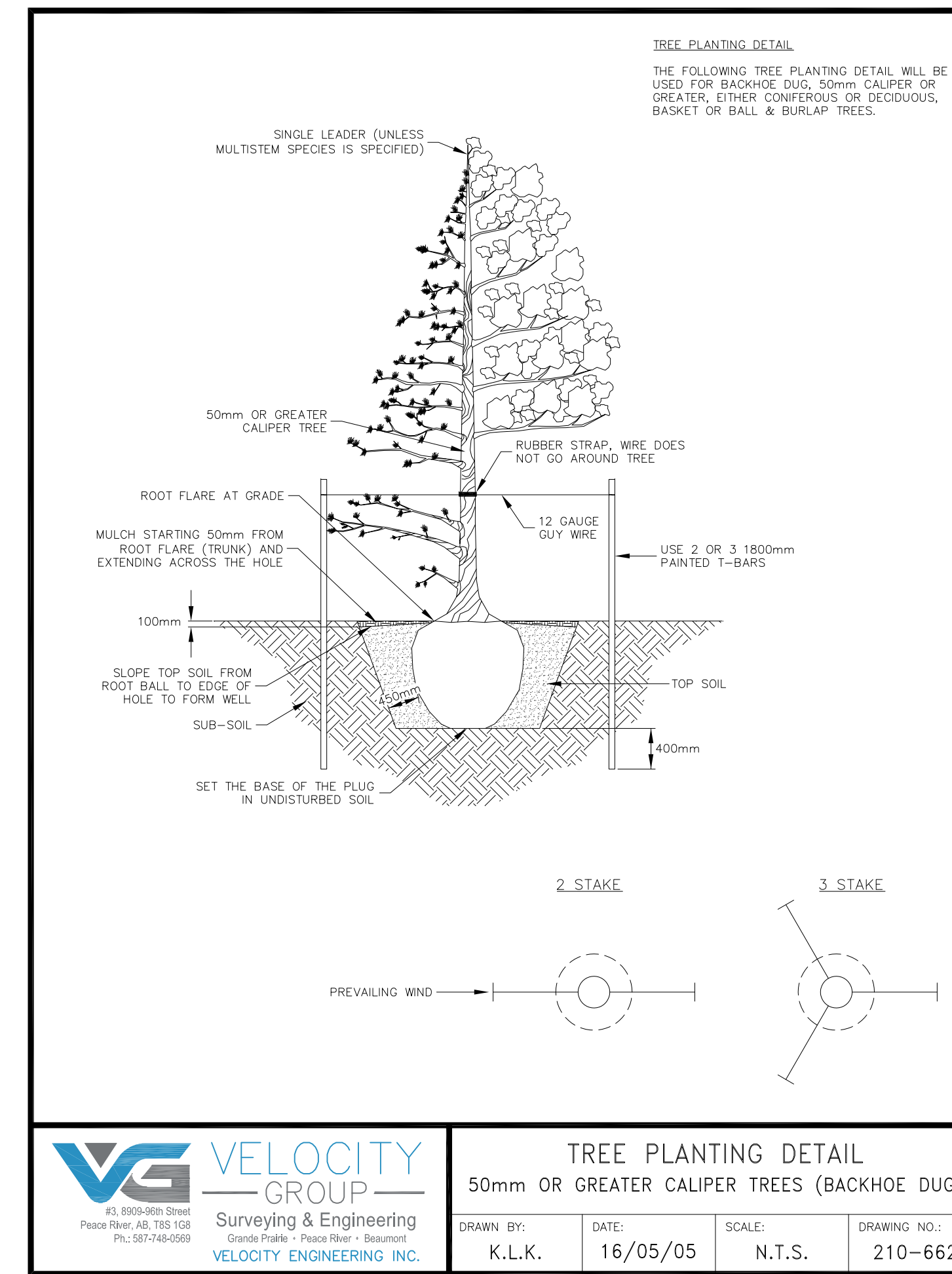
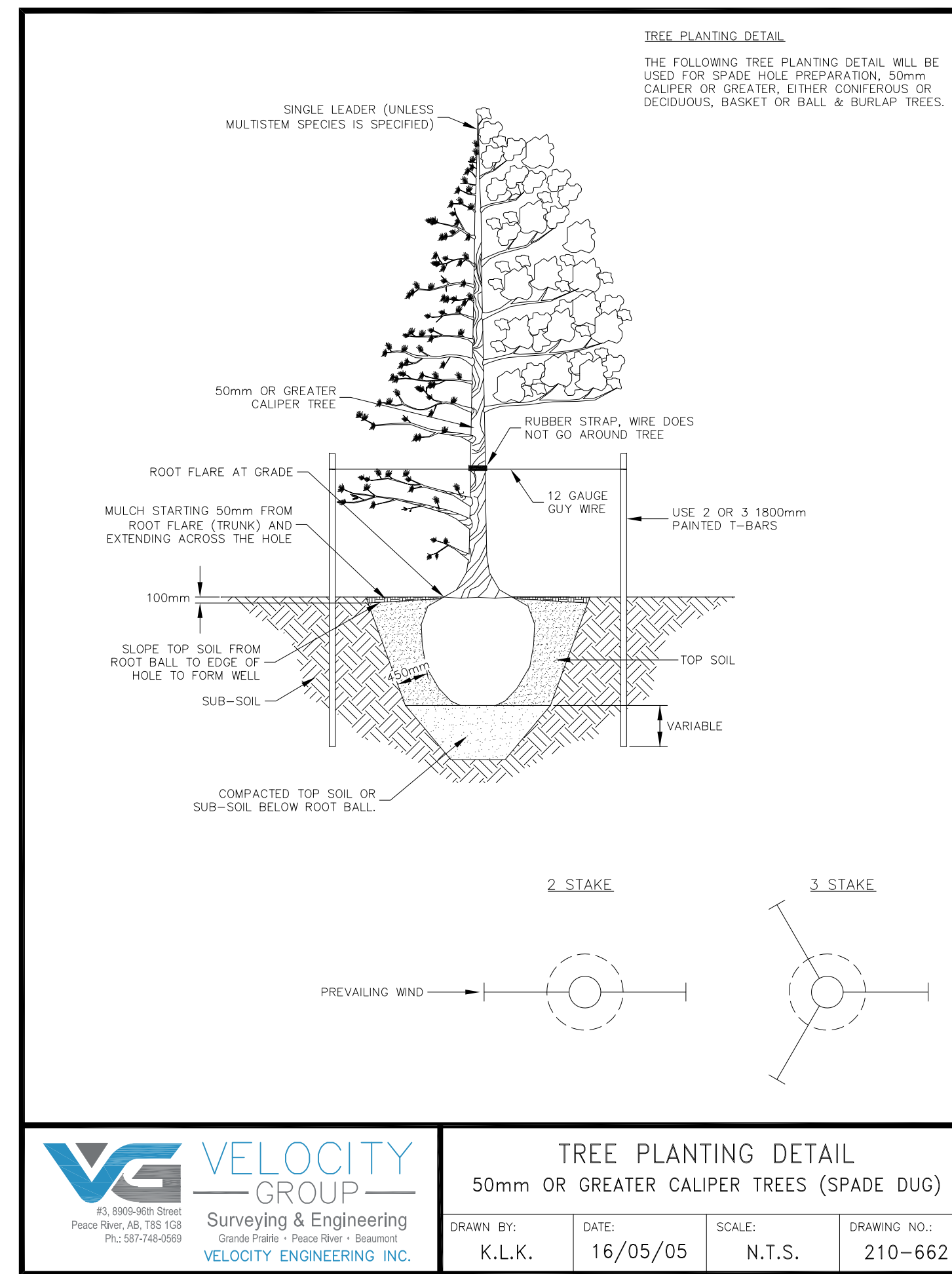
VELOCITY FILE No. 230-602

DRAWING No. 230602-D2

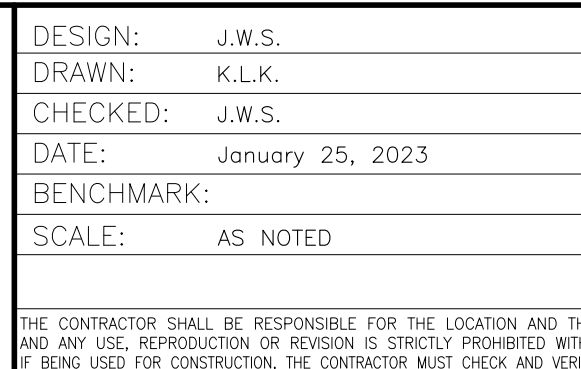
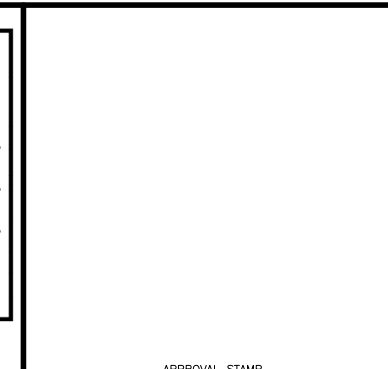
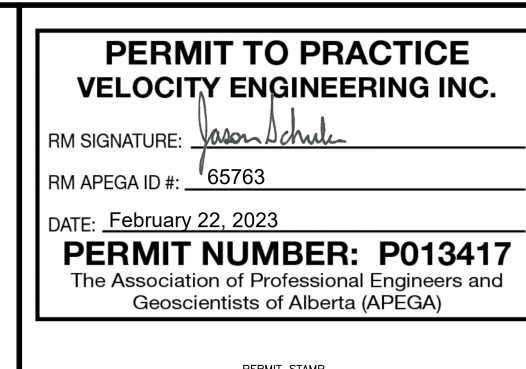
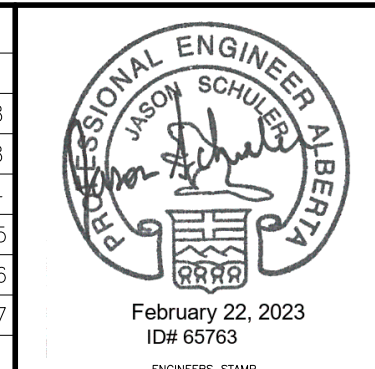
SHEET D2 OF 3

LAYOUT No. 05

REV. 04

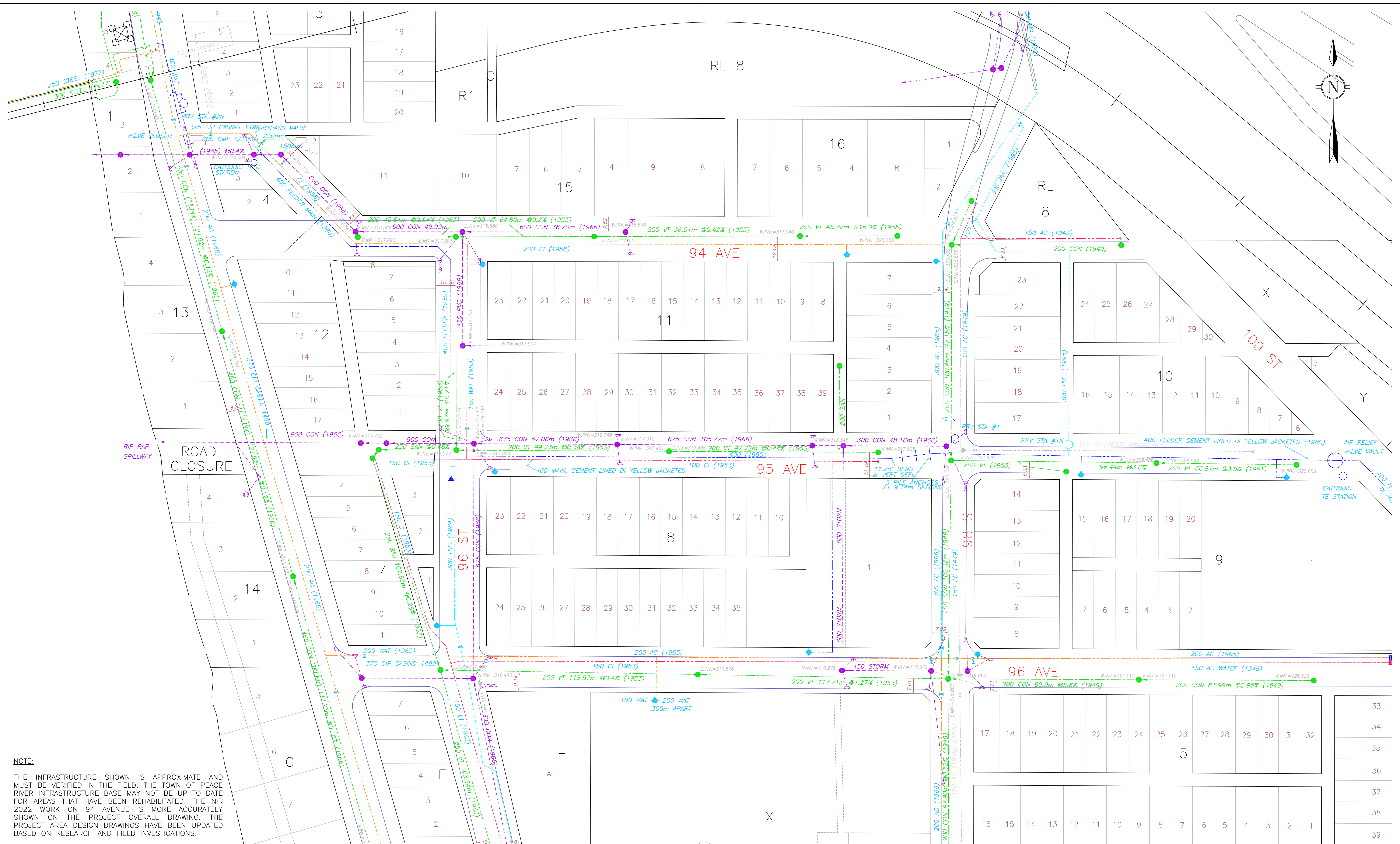


NO.	REVISION	BY	APPD.	DATE
6.	ISSUED FOR TENDER	K.L.K.	J.W.S.	2022-01-28
5.	ISSUED FOR PUBLIC INFORMATION SESSION	J.W.S.	J.W.S.	2021-02-18
4.	ISSUED FOR FINAL REVIEW	K.L.K.	J.W.S.	2021-02-04
3.	ADDED ROAD CROSS-SECTION	K.L.K.	J.W.S.	2020-10-15
2.	ISSUED FOR PUBLIC INFORMATION SESSION	K.L.K.	J.W.S.	2020-08-06
1.	ISSUED FOR PUBLIC MEETING	K.L.K.	J.W.S.	2020-06-17




CLIENT: TOWN OF PEACE RIVER
PROJECT: NEIGHBOURHOOD INFRASTRUCTURE RENEWAL - 2023
95th AVENUE; 94th STREET TO 98th STREET
BLOCK 11 LANE; 94th AVENUE TO 95th AVENUE
DETAILS & SECTIONS

CLIENT FILE No.	---
VELOCITY FILE No.	230-602
DRAWING No.	230602-D3
SHEET	D3 OF 3
LAYOUT No.	05
REV.	05



NOTE:
 THE INFRASTRUCTURE SHOWN IS APPROXIMATE AND MUST BE VERIFIED IN THE FIELD. THE TOWN OF PEACE RIVER INFRASTRUCTURE BASE MAY NOT BE UP TO DATE FOR AREAS THAT HAVE BEEN REHABILITATED. THE NIR 2022 WORK ON 94 AVENUE IS MORE ACCURATELY SHOWN ON THE PROJECT OVERALL DRAWING. THE PROJECT AREA DESIGN DRAWINGS HAVE BEEN UPDATED BASED ON RESEARCH AND FIELD INVESTIGATIONS.

DESIGN: ---	CLIENT: TOWN OF PEACE RIVER	CLIENT FILE No. ---
DRAWN: K.L.K.	PROJECT: NEIGHBOURHOOD INFRASTRUCTURE RENEWAL - 2023	VELOCITY FILE No. 230602
CHECKED: J.W.S.	BLOCK 11 LANE; 94th AVENUE TO 95th AVENUE	DRAWING No. 230602-EI
DATE: FEBRUARY 17, 2023	TPR EXISTING INFRASTRUCTURE REFERENCE DRAWING	SHEET E1 OF 1
BENCHMARK: ---		LAYOUT No. 01
SCALE: 1:750		REV. 00
1. ISSUED FOR TENDER	REVISION	
BY: K.L.K.	APPD: J.W.S.	DATE: 2023-02-17
ENGINEER STAMP	PERMIT STAMP	APPROVAL STAMP


VELOCITY GROUP
 Surveying & Engineering
 Grande Prairie • Peace River • Beatson
 VELOCITY ENGINEERING INC.

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DRAWING REFERENCE

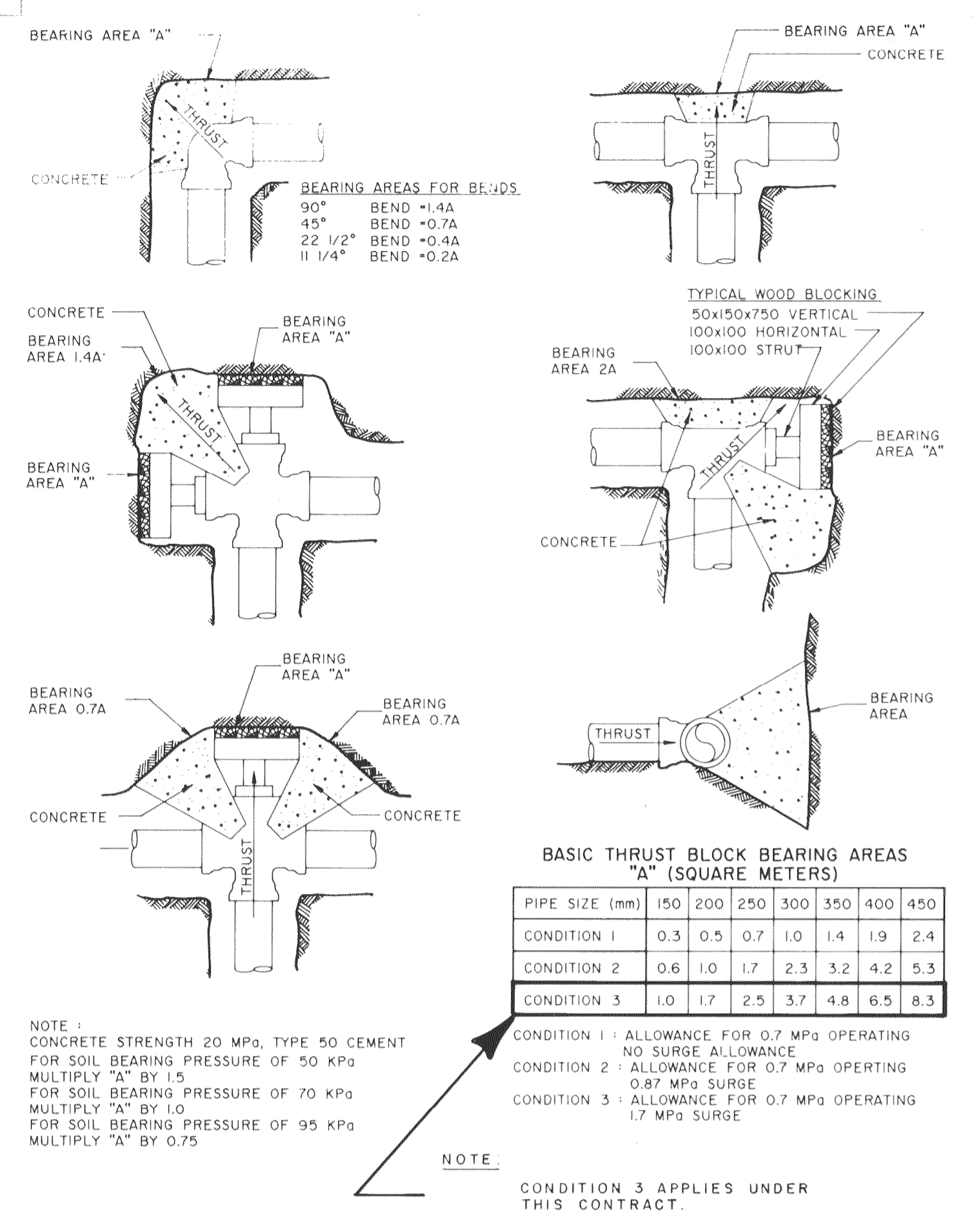
NO	DATE	BY	ENG.	SUBJECT
2	81-06-09	J.K.	H.K.	AS-BUILT
1	80-07-09	A.V.	H.K.	ISSUED FOR CONSTRUCTION
0	80-06-09	H.S.M.	H.K.	TENDER ISSUE

REVISIONS

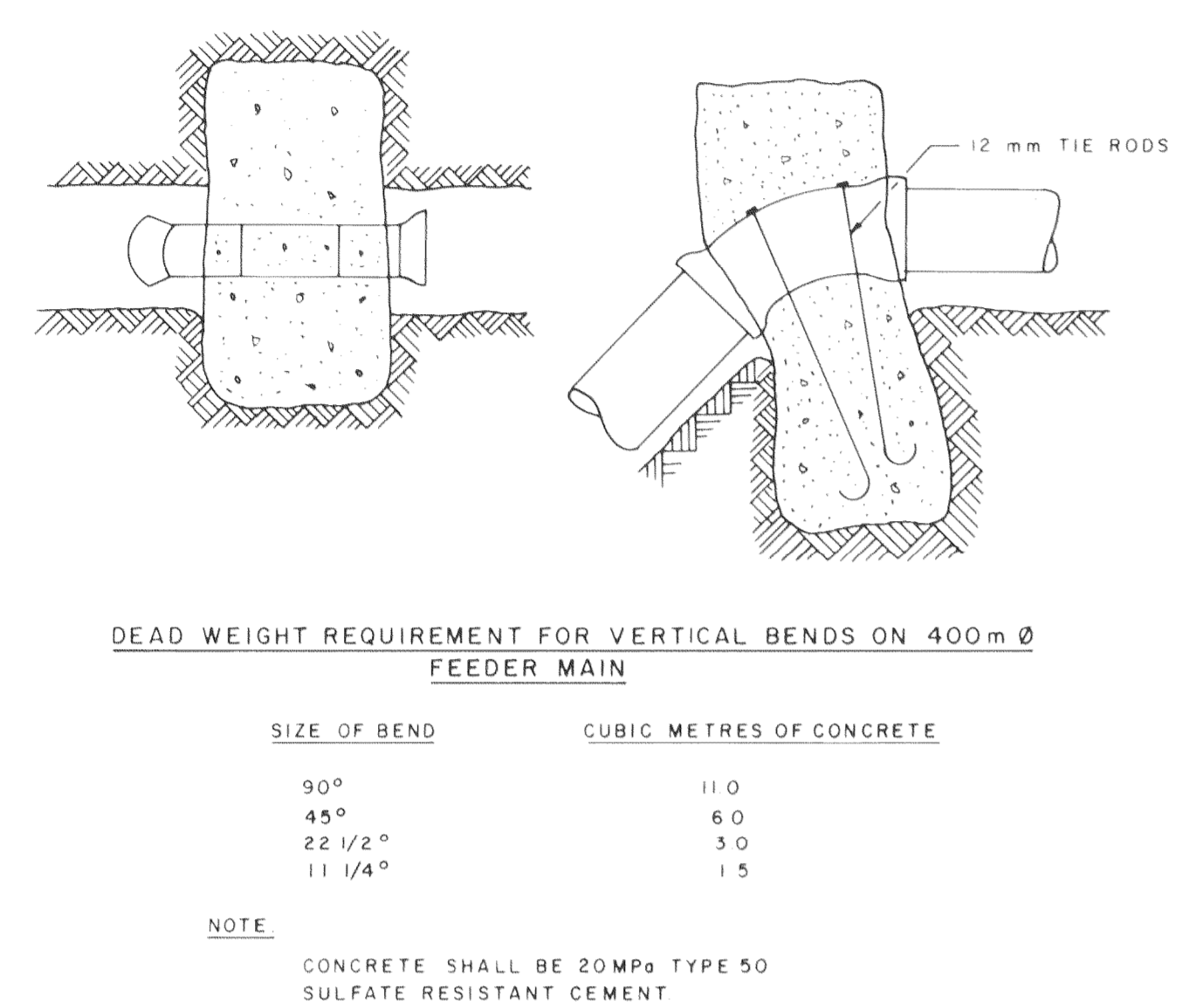
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DRAWN	H.S. MILO	DESIGNED	<i>[Signature]</i>		
CHECKED	<i>[Signature]</i>	APPROVED	<i>[Signature]</i>	80-06-10	
APPROVED	<i>[Signature]</i>	DATE	MAY-1980		

TOWN OF PEACE RIVER
PEACE RIVER, ALBERTA
WATER FEEDER MAIN
STANDARD DETAILS

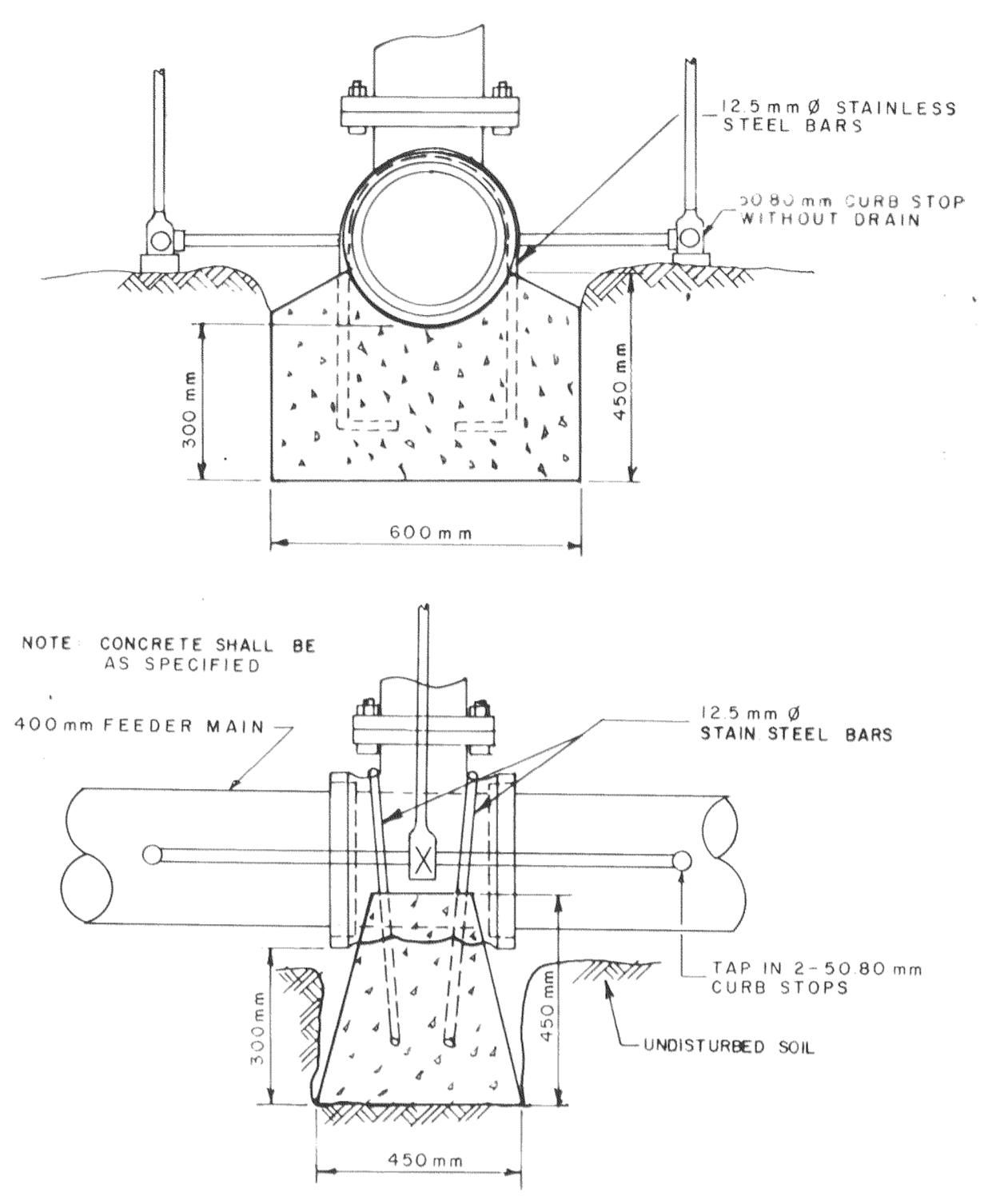
DRAWING NUMBER	REV.	SHEET
E206-20-114	2	14/16



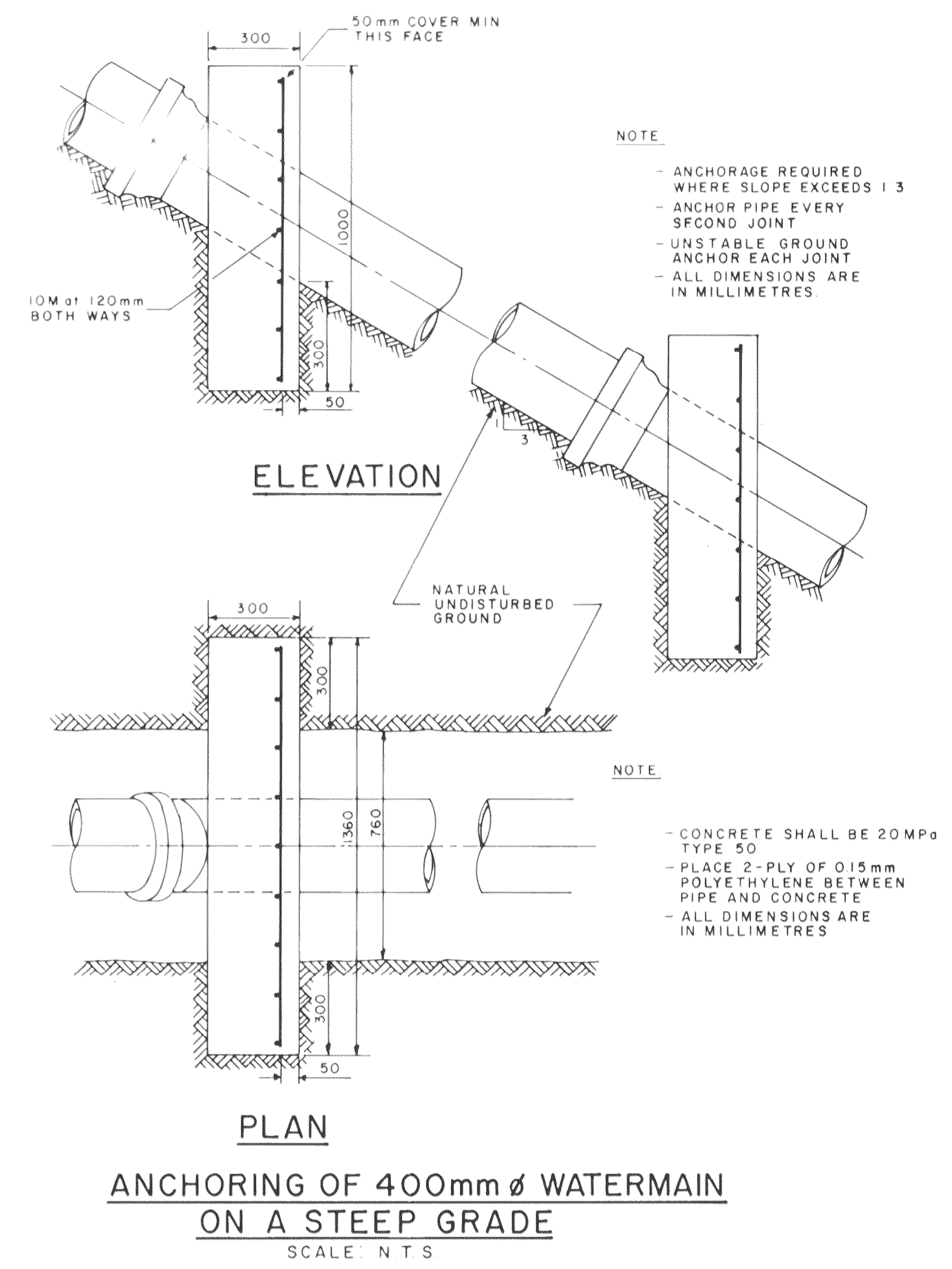
THRUST BLOCK DETAIL
SCALE: N.T.S.



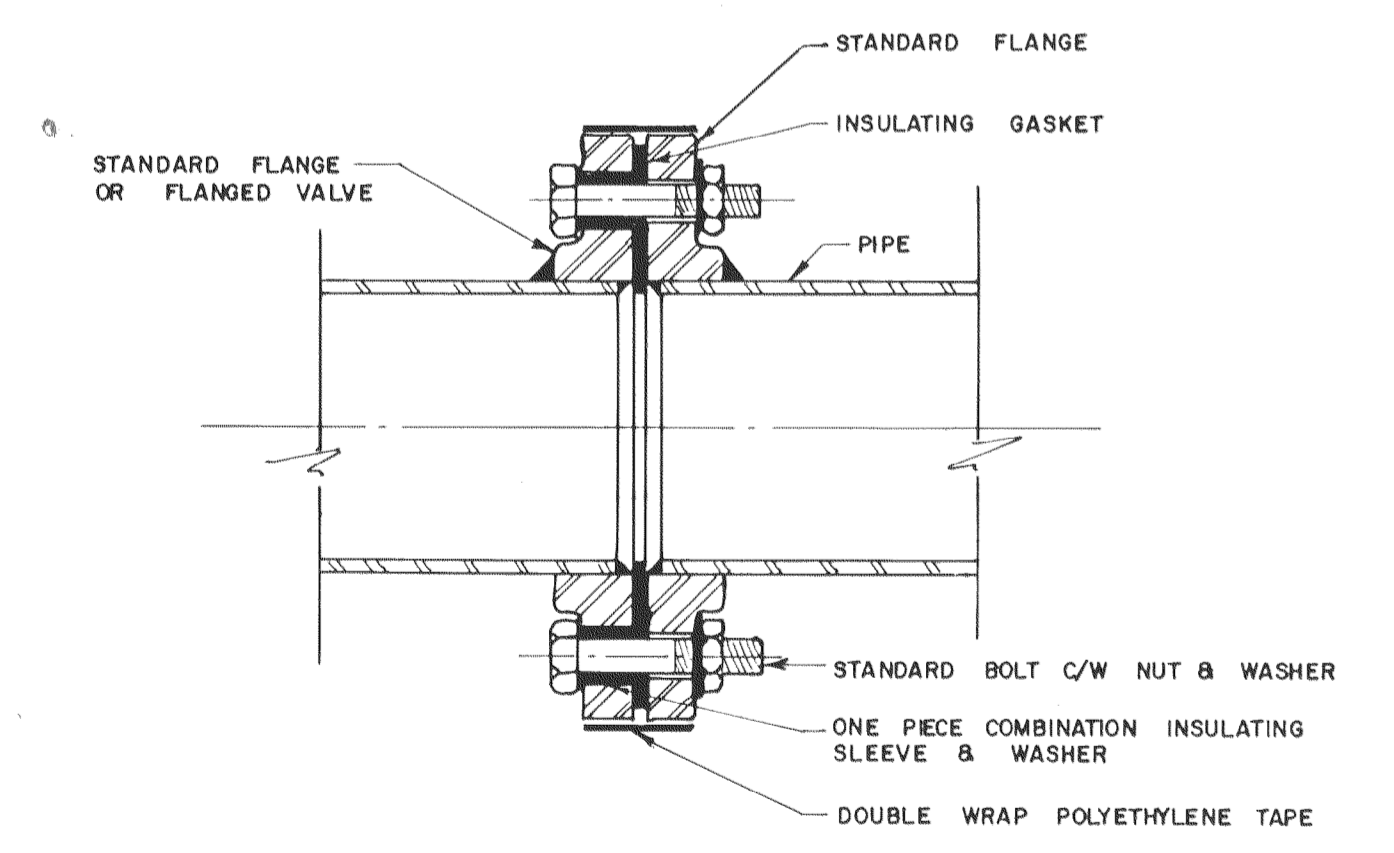
VERTICAL BEND THRUST BLOCK
SCALE: N.T.S.



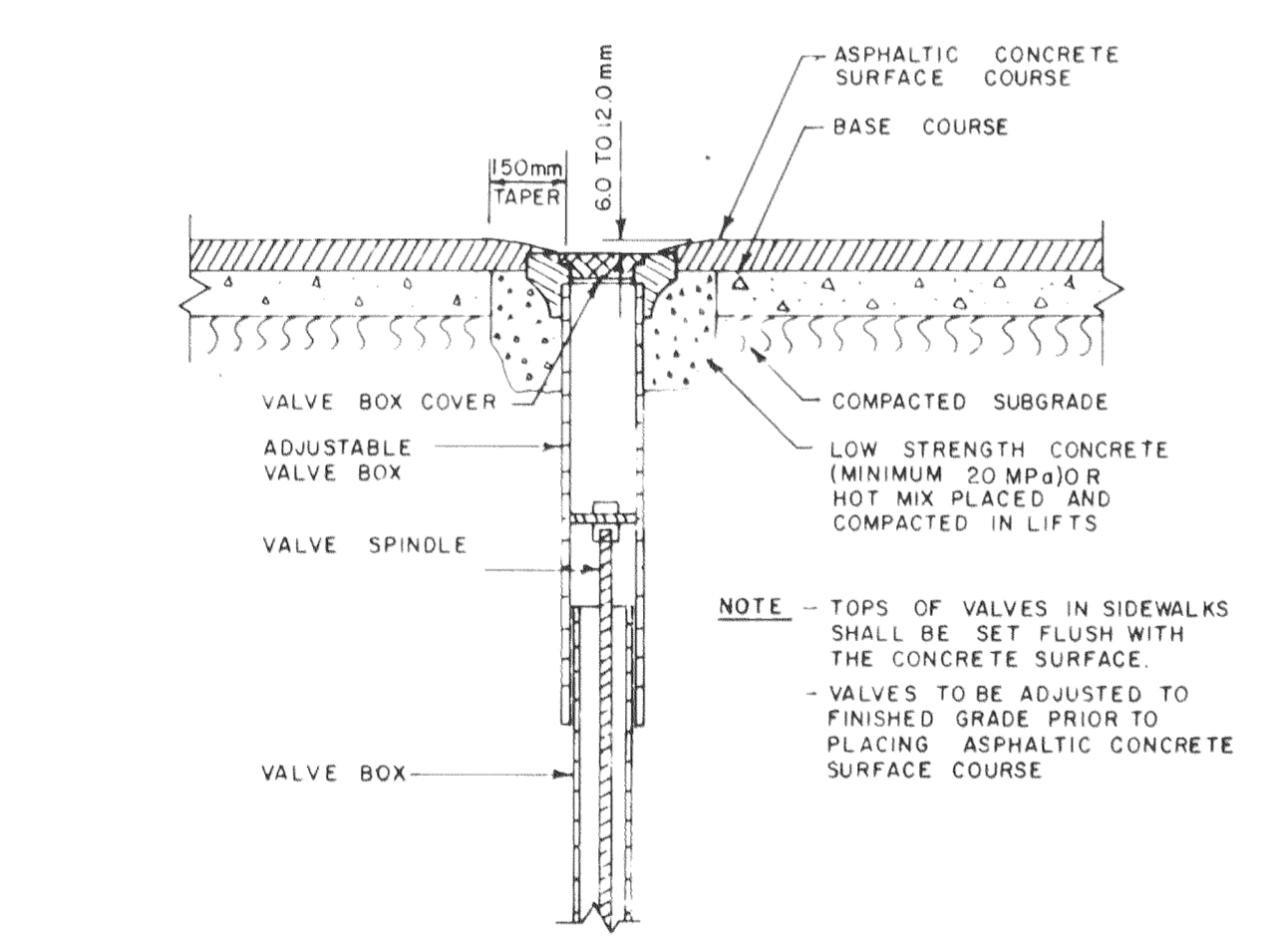
400mm GATE VALVE ANCHORING DETAILS
SCALE: N.T.S.



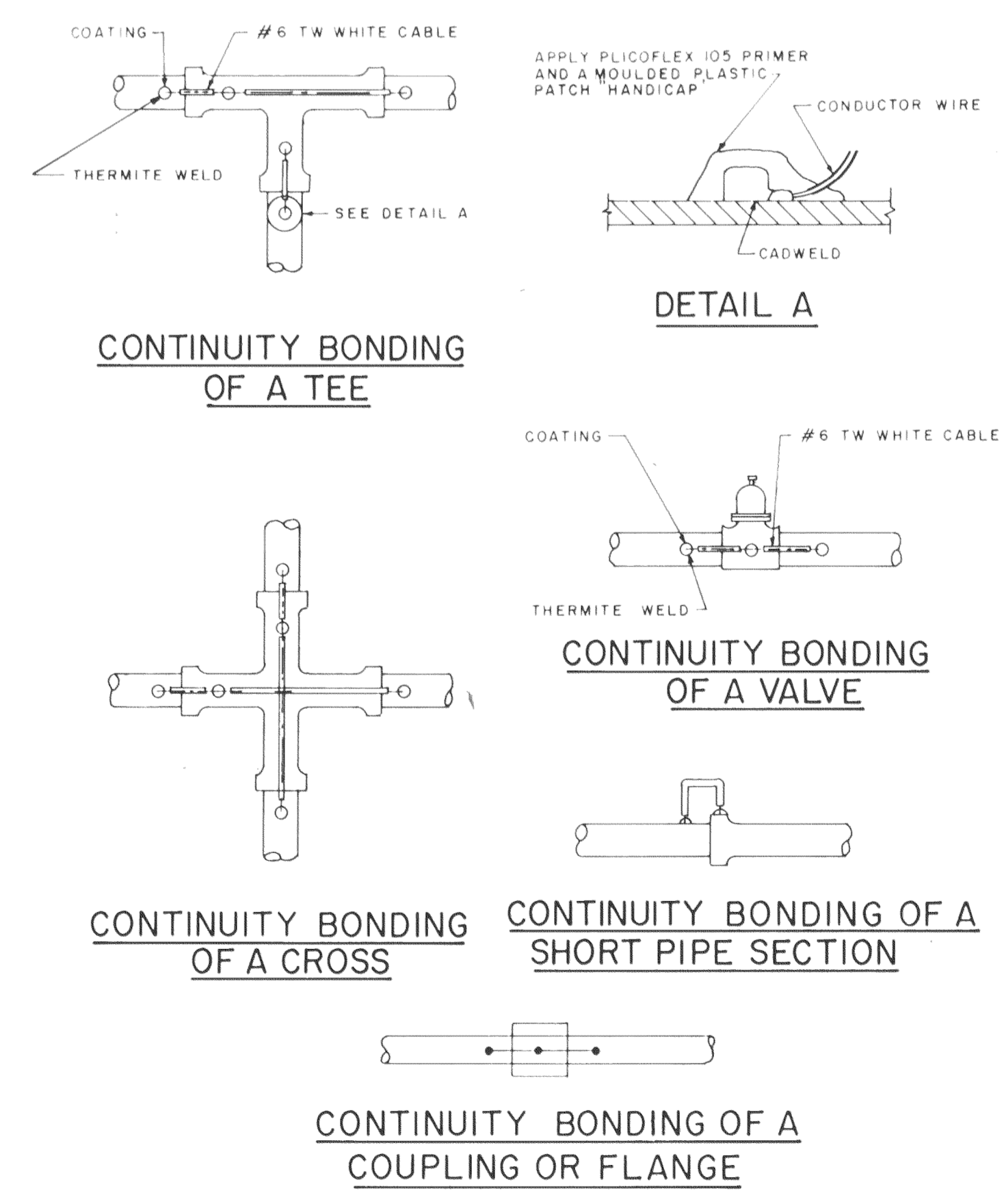
ANCHORING OF 400mm Ø WATERMAIN ON A STEEP GRADE
SCALE: N.T.S.



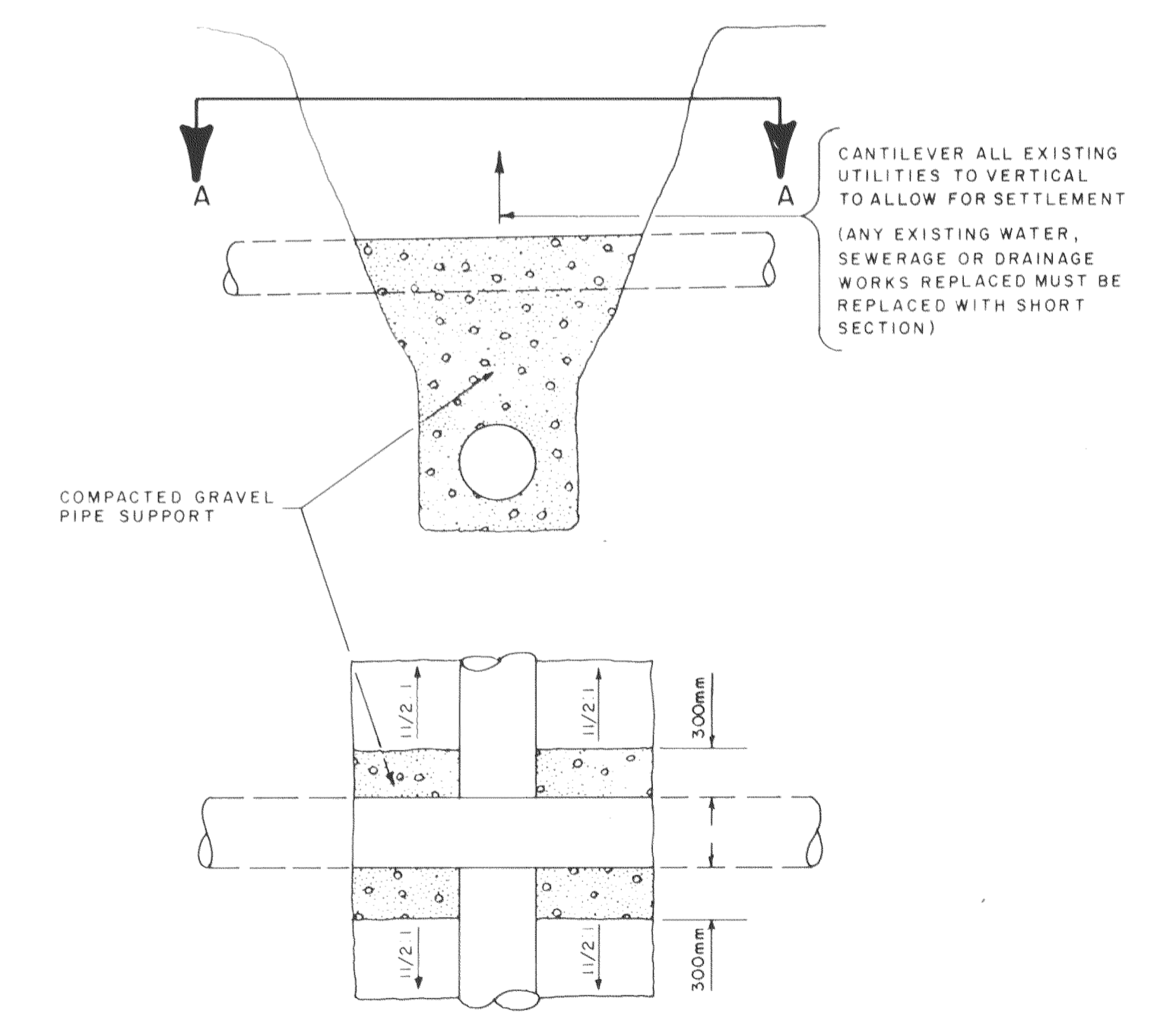
INSULATING FLANGE DETAIL
SCALE: N.T.S.



DETAIL OF VALVE ADJUSTED TO GRADE AND TYPICAL FINISHED PAVEMENT SURFACE ELEVATION AROUND VALVE
SCALE: N.T.S.



ELECTRICAL CONDUCTIVITY STRIPS FOR FITTINGS, VALVES AND HYDRANTS
SCALE: N.T.S.



METHOD OF PIPE SUPPORT
SCALE: N.T.S.

AS-BUILT
Approved By *[Signature]* Date July 14, 1981

NO.	DATE	BY	ENG.	SUBJECT
2	91.06.09	J.K.	H.K.	AS-BUILT
1	80.07.09	AV	H.K.	ISSUED FOR CONSTRUCTION
0	80.08.09	HSM	H.K.	TENDER ISSUE

REVISIONS

JOB NUMBER	E20G
SCALE	AS SHOWN
DRAWN	H.S. MILO
DESIGNED	<i>[Signature]</i>
CHECKED	<i>[Signature]</i>
APPROVED	<i>[Signature]</i>
DATE	MAY, 1980

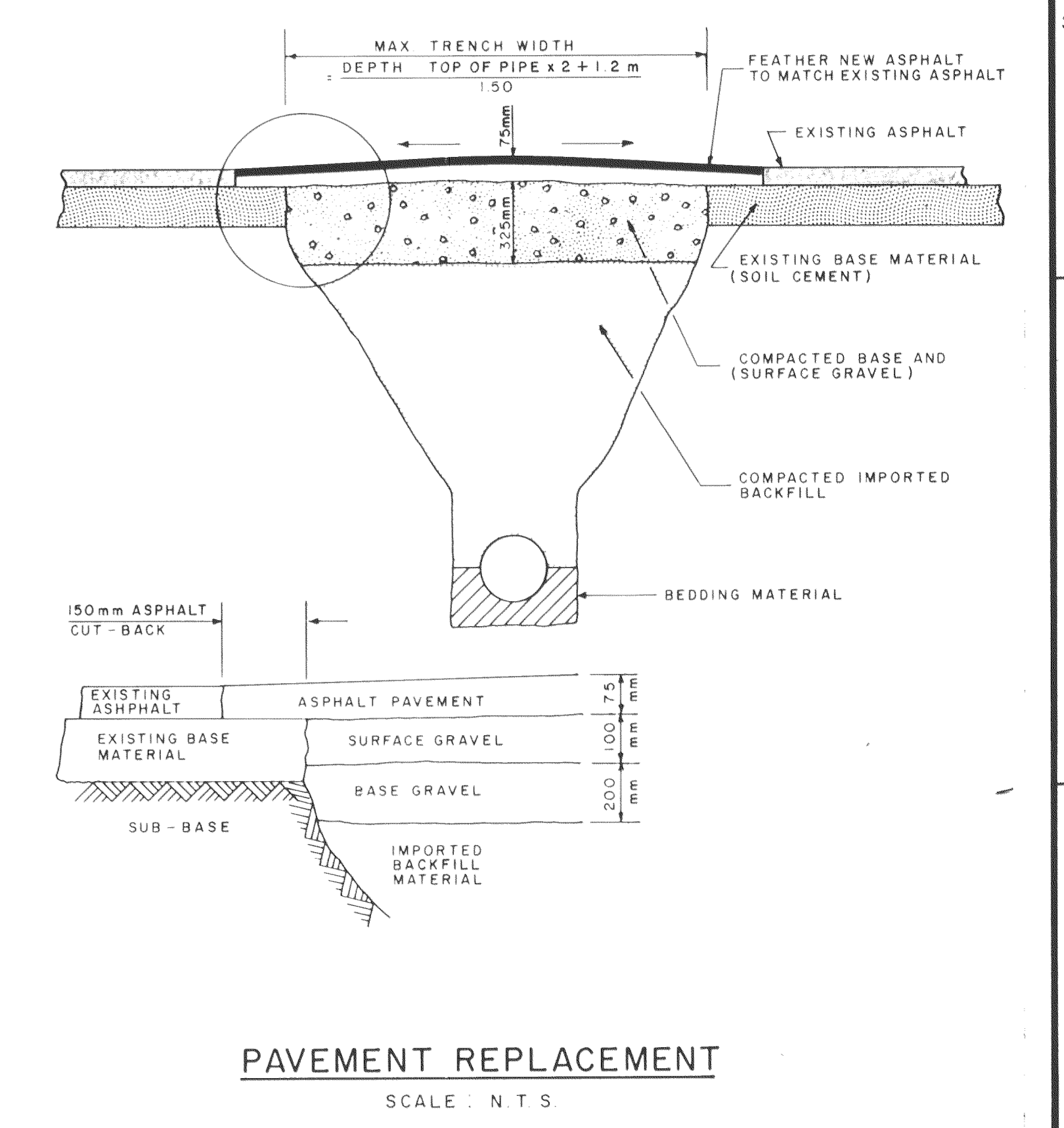
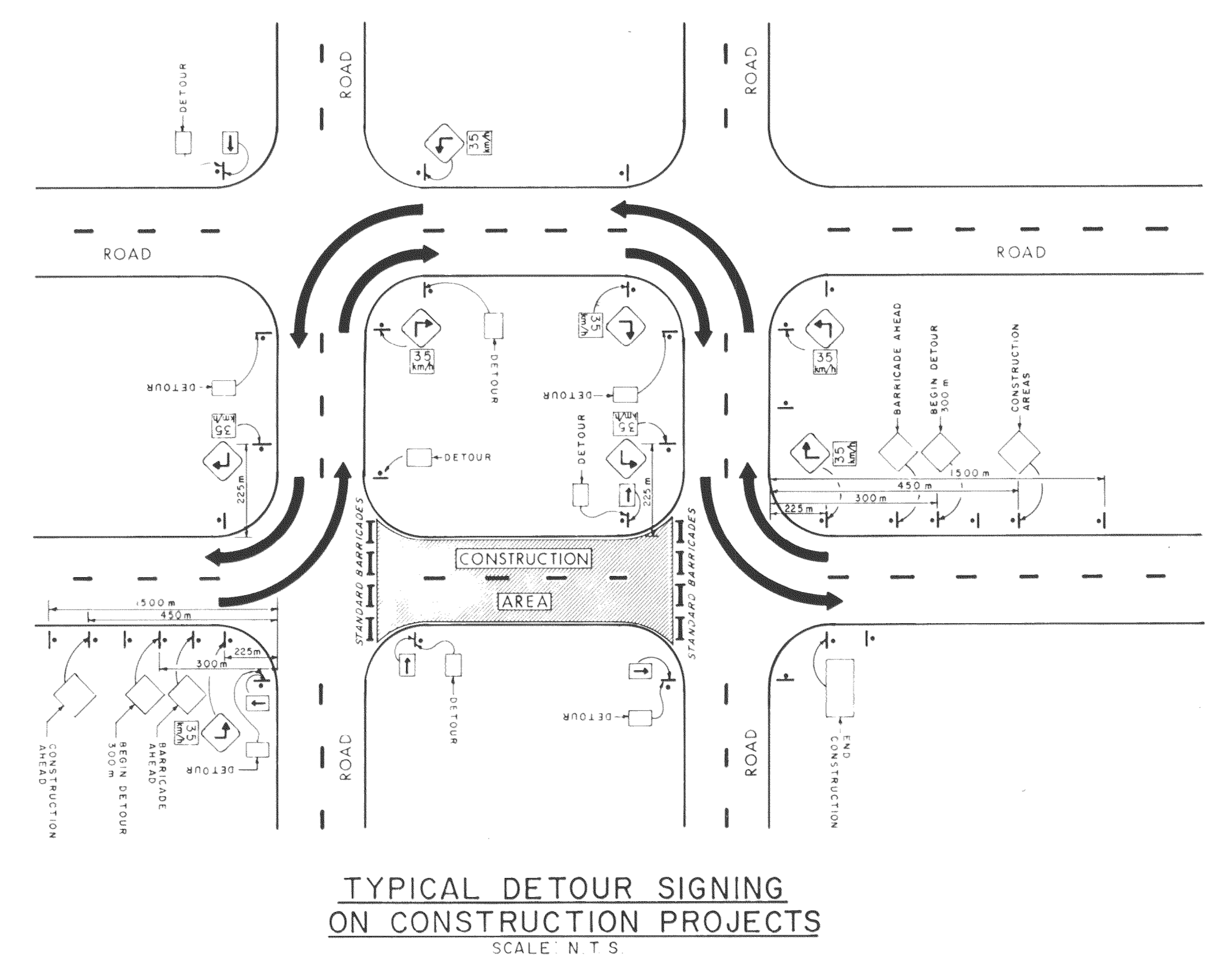
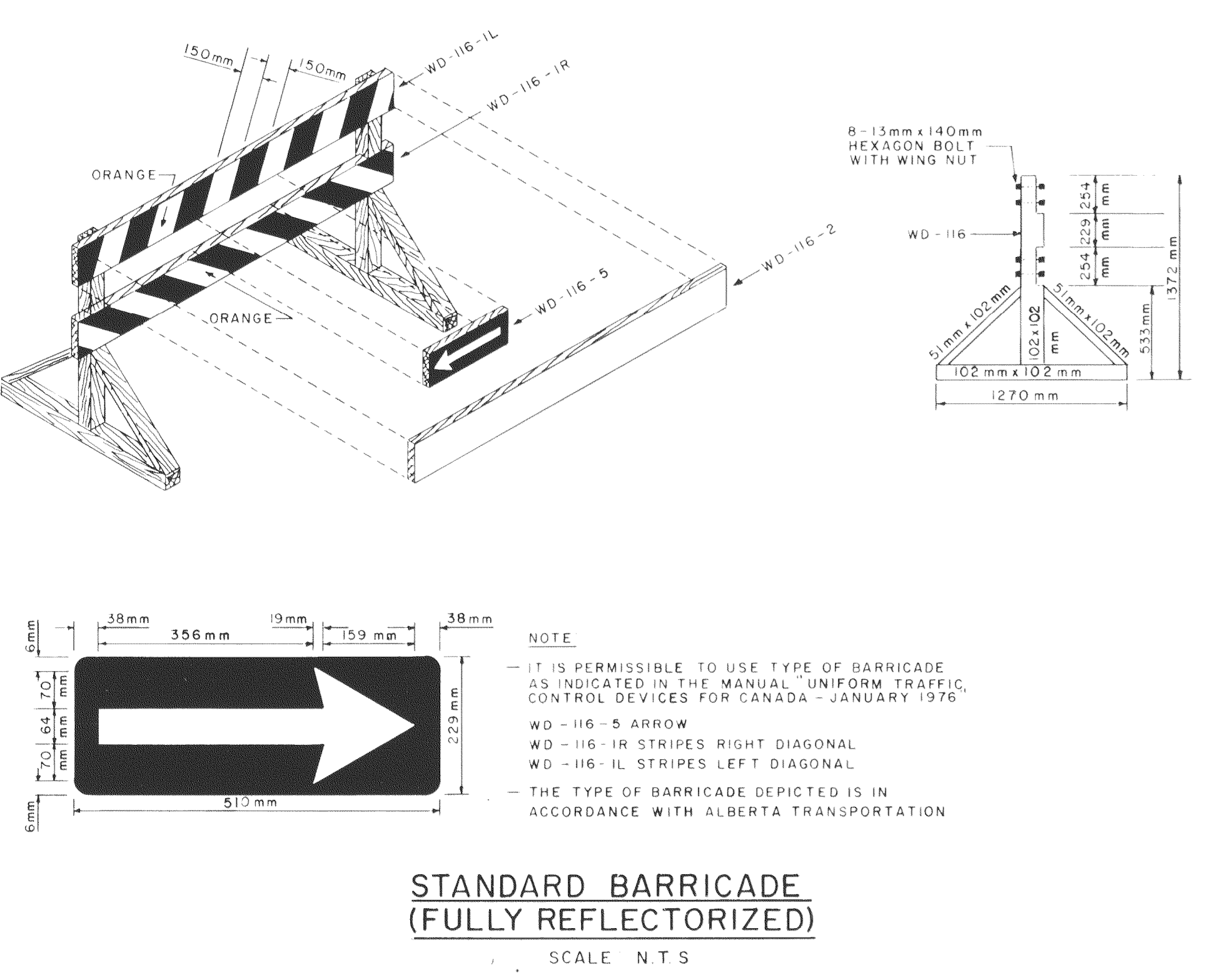
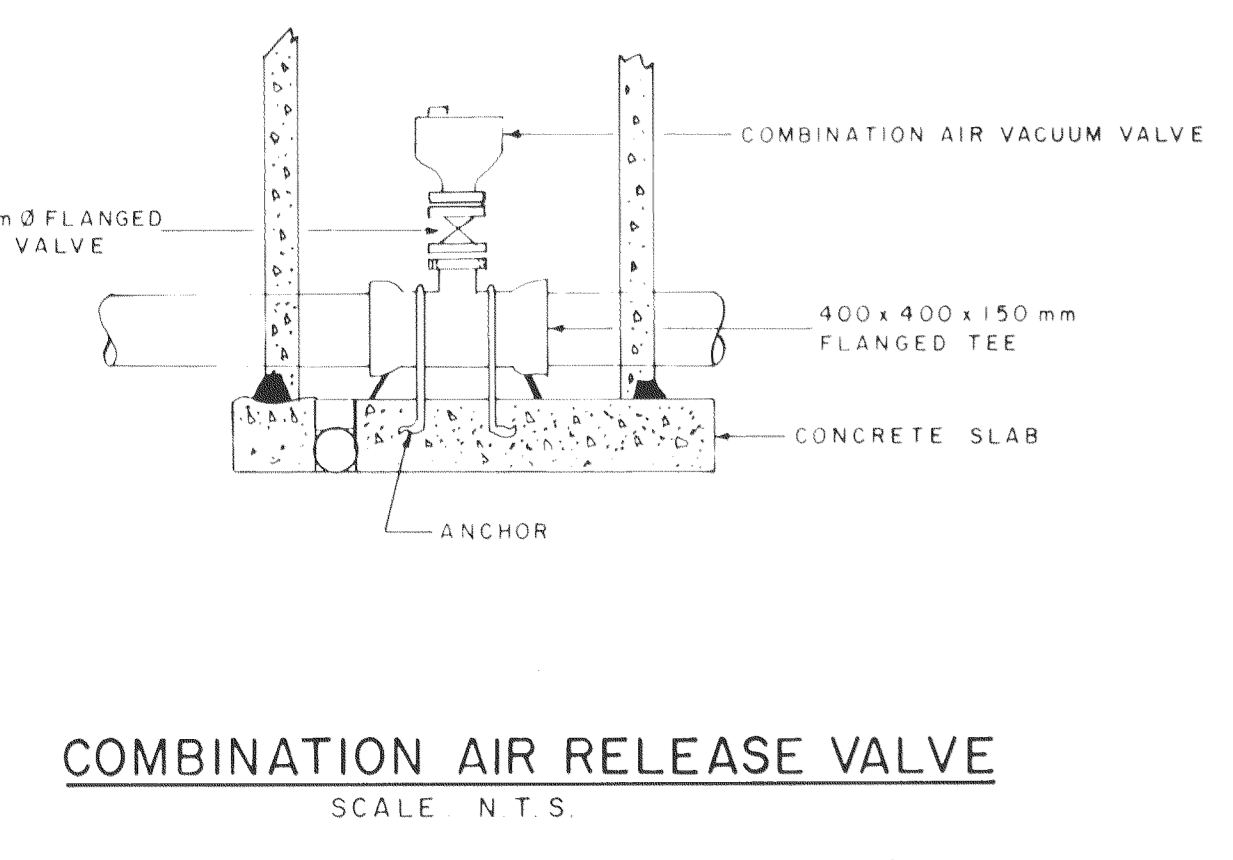
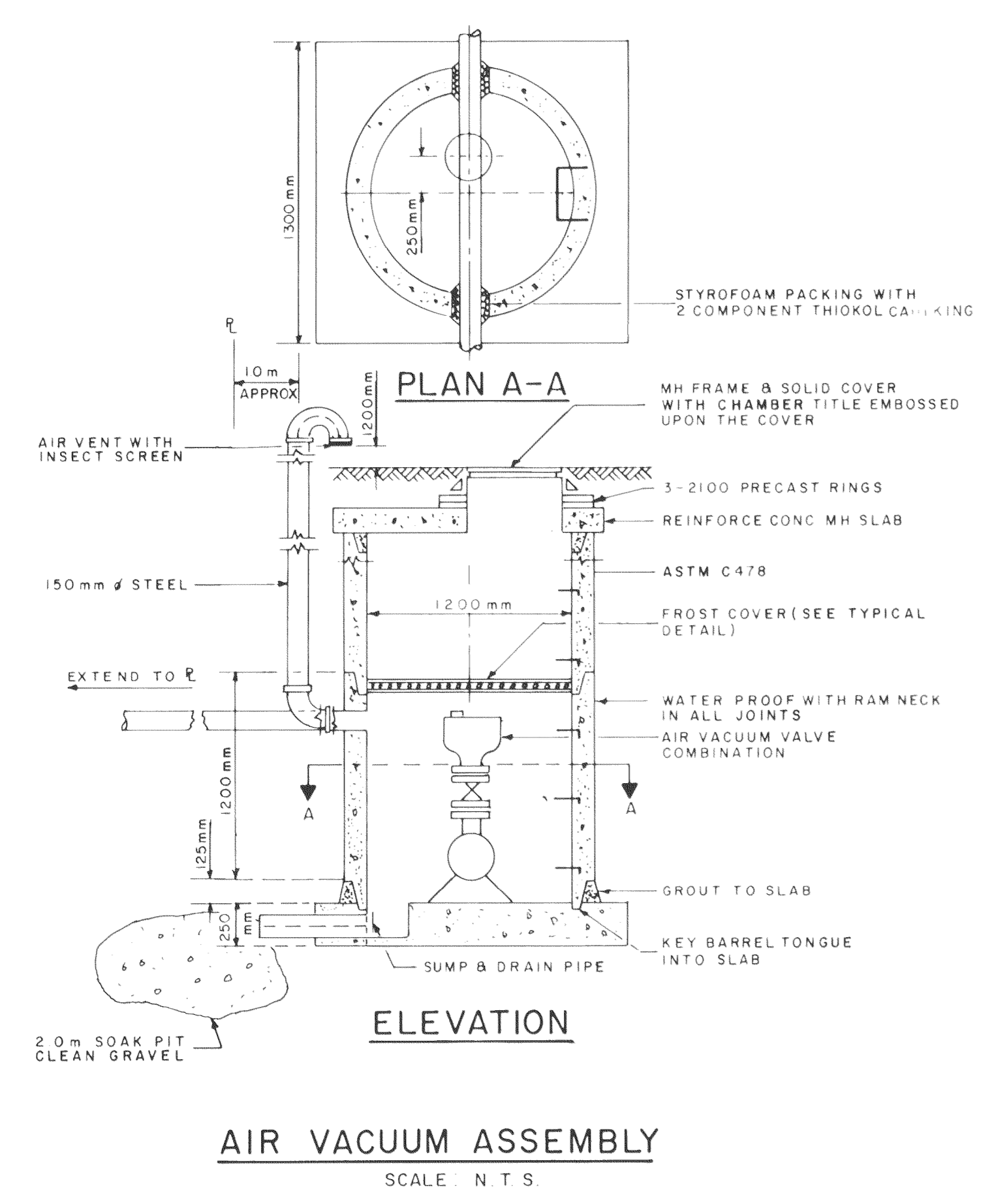
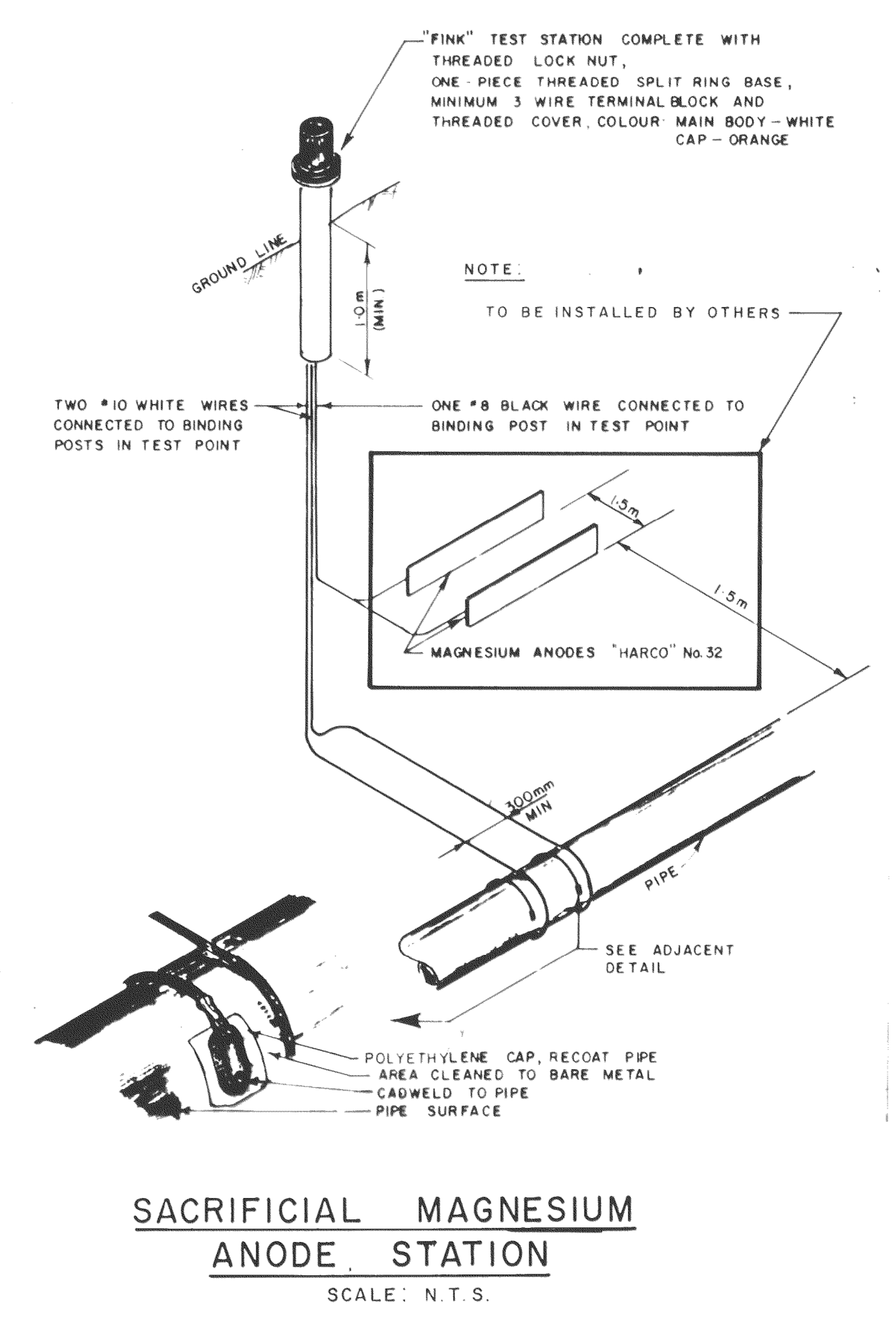
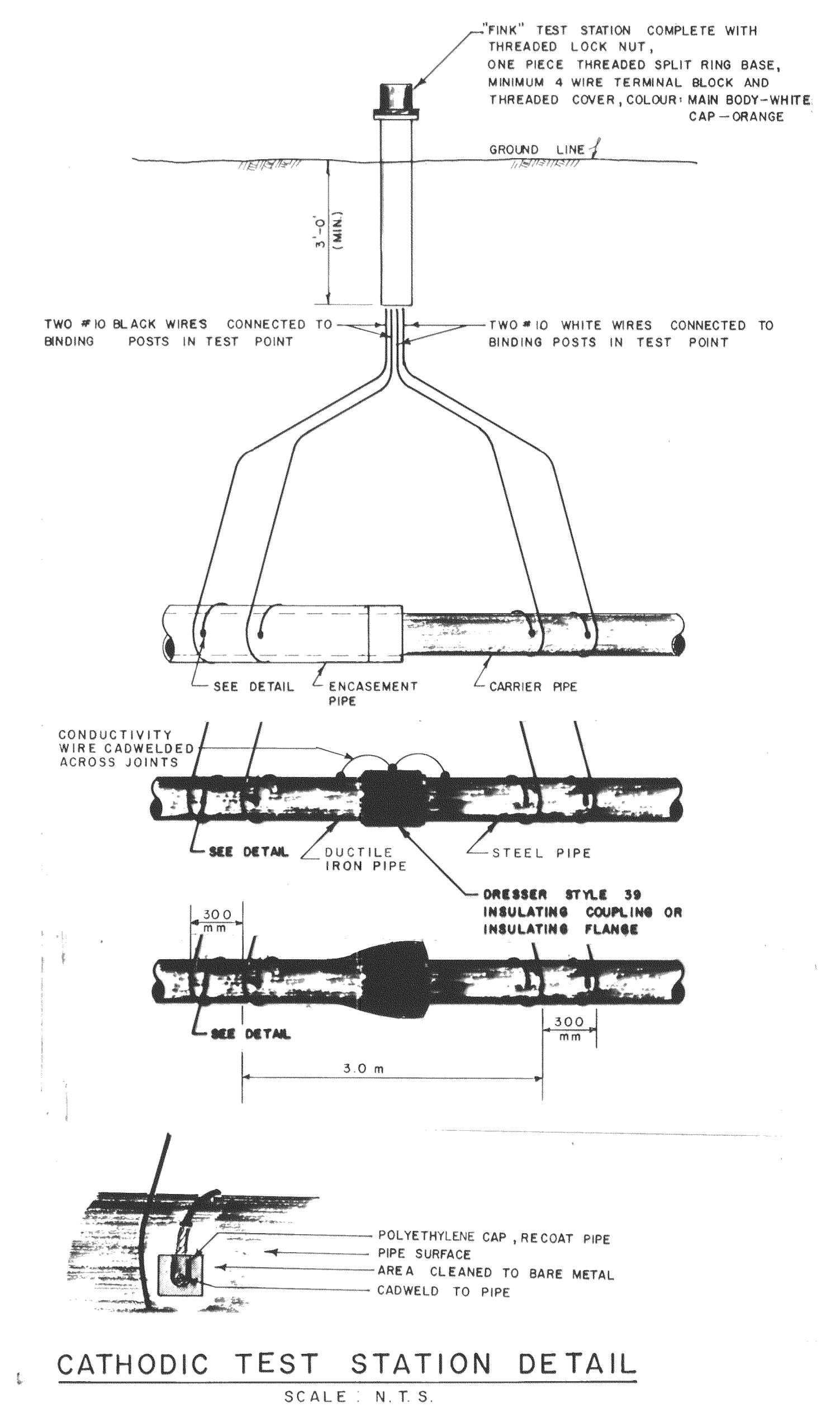
PROFESSIONAL ENGINEER
 THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF ALBERTA
 PERMIT NUMBER P104
 ASSOCIATED ENGINEERING SERVICES LTD.

TOWN OF PEACE RIVER

PEACE RIVER, ALBERTA
 WATER FEEDER MAIN

STANDARD DETAILS

DRAWING NUMBER	REV.	SHEET
E20G-20-116	2	16/16



AS-BUILT
 Approved By *[Signature]* Date *[Date]*