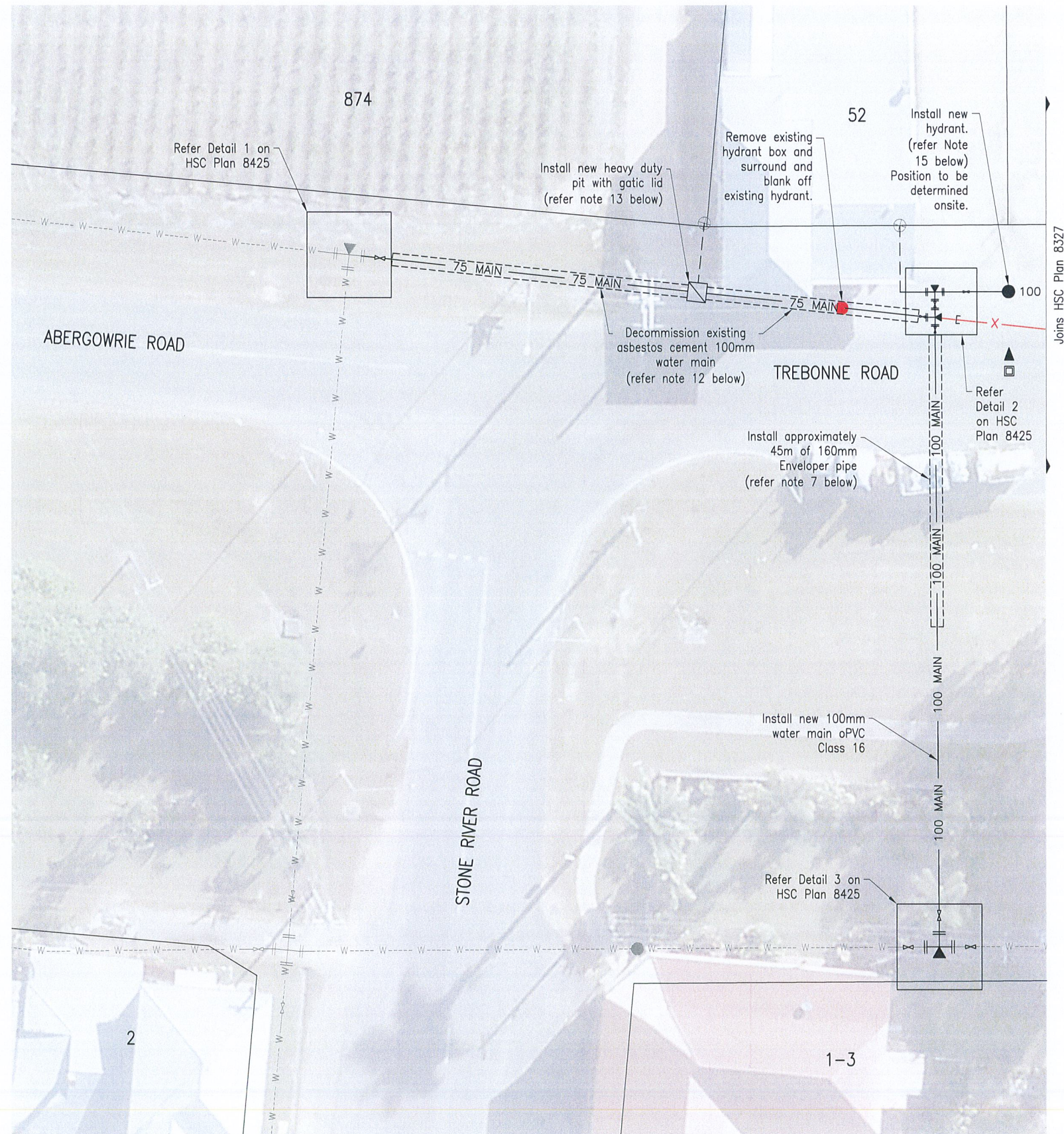
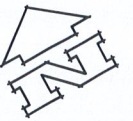


A map of the Trebonne area. The town of Trebonne is labeled in the center. To the right, a road is labeled 'INGHAM' with an arrow pointing right. A cluster of red dots is located just north of the town, indicating the specific site of interest. The map shows various roads and land parcels.

LOCALITY PLAN  
NTS

[illegible]






LEGEND

- 100 MAIN New 100mm Water Main (approx 290m total)
- 75 MAIN New 75mm Water Main (approx 50m total)
- W Existing Water Main
- X Existing Water Main to be Decommissioned
- New Water Service
- Existing Water Service to Remain
- Existing Water Service to be Decommissioned
- New Enveloper Pipe
- New Fire Hydrant
- Existing Fire Hydrant to Remain
- Existing Fire Hydrant to be Removed
- Relocated Water Meter
- Existing Water Meter to Remain
- Existing Water Meter to be Relocated
- New Stop Valve
- Existing Stop Valve
- Existing Stop Valve to be Removed
- New Tee Junction with Thrust Block
- Existing Tee Junction with Thrust Block
- Existing Tee Junction with Thrust Block to be Removed
- Existing Cross Junction
- New Connector Socket
- New End Cap
- Retro-reflective Pavement Markers (Refer HSC Std Drg W002)

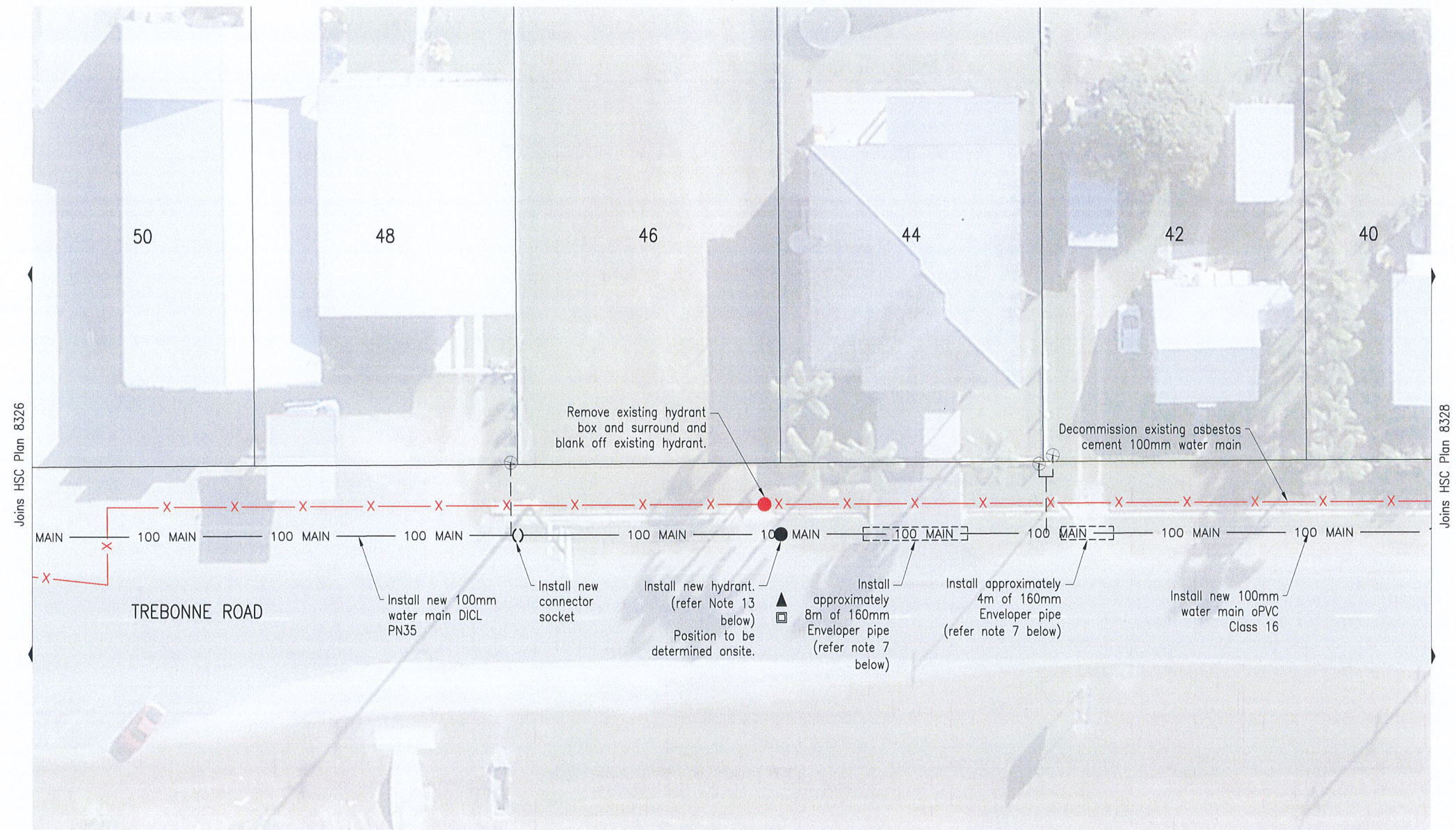
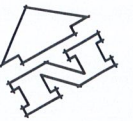
NOTES:

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- Residents are to be kept in water as long as possible.
- Residents are to be consulted with at least 48 hours in advance regarding water outages.
- All road crossings are to be open cut or directionally bored. If open cut, DICL is to be installed. If boring, Polyethylene PN16 enveloper pipe is to be installed (Refer Detail 7 on HSC Plan 8427).
- All driveways to be open cut or directionally bored and Polyethylene PN16 enveloper pipe is to be installed. Ensure that access to affected properties is not interrupted for an extended duration of time.
- Final Alignments to be determined on-site after location of existing services, infrastructure and survey of property boundaries.
- For trenching detail refer to HSC Std Drg W006.
- All pipework shall be oPVC class 16 series 500 typical U.N.O, unless stated otherwise.
- Installation of PE enveloper pipework to be in accordance with AS2033:2008 Installation of Polyethylene Pipe Systems.
- Decommission existing 100mm asbestos cement main and use existing main as enveloper pipe to install new 75mm polyethylene water main.
- Construct new heavy duty pit with gatic lid to house new tapping for water connection.
- Fire hydrants and property connections to be located on site.
- Refer HSC Std Drg W001 for hydrant installation.
- Blank off ends along with all hydrants and valves in existing water main that is to be decommissioned.
- All valves to be marked on kerb and pavement as per HSC Std Drg W002.
- For all property connections refer to Detail 8 on HSC Plan 8427.
- All workmanship and materials shall be in accordance with the requirements of the WSAA Codes.

LAYOUT PLAN  
NTS

			As Shown	LEVEL DATUM: AHD der	Drafted: HG	Designed: HG	Examined By Client: [Signature]	Approved by Council's DIUS: [Signature]	Survey Number XXXX	Field Books XXXX	Level Books XXXX	 <b>HINCHINBROOK SHIRE COUNCIL</b>	HINCHINBROOK SHIRE COUNCIL		Job No					
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A	15/11/2021	Original		Plan No.				RPEQ No. 16571					TREBONNE ROAD		Plan No					
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DATE PLOTTED: Monday, 15 November 2021 4:06:54 PM															A					





# LEGEND






— 100 MAIN —	New 100mm Water Main (approx 290m total)	⊗	Existing Water Meter to Remain
— 75 MAIN —	New 75mm Water Main (approx 50m total)	⊗	Existing Water Meter to be Relocated
----- W -	Existing Water Main	⌞	New Stop Valve
— X —	Existing Water Main to be Decommissioned	⌞	Existing Stop Valve
-----	New Water Service	⌞	Existing Stop Valve to be Removed
-----	Existing Water Service to Remain	⌞	New Tee Junction with Thrust Block
-----	Existing Water Service to be Decommissioned	⌞	Existing Tee Junction with Thrust Block
=====	New Enveloper Pipe	⌞	Existing Tee Junction with Thrust Block to be Removed
●	New Fire Hydrant	⌞	Existing Cross Junction
●	Existing Fire Hydrant to Remain	( )	New Connector Socket
●	Existing Fire Hydrant to be Removed	└┘	New End Cap
⊗	Relocated Water Meter	▣▶	Retro-reflective Pavement Markers (Refer HSC Std Drg W002)

# LAYOUT PLAN

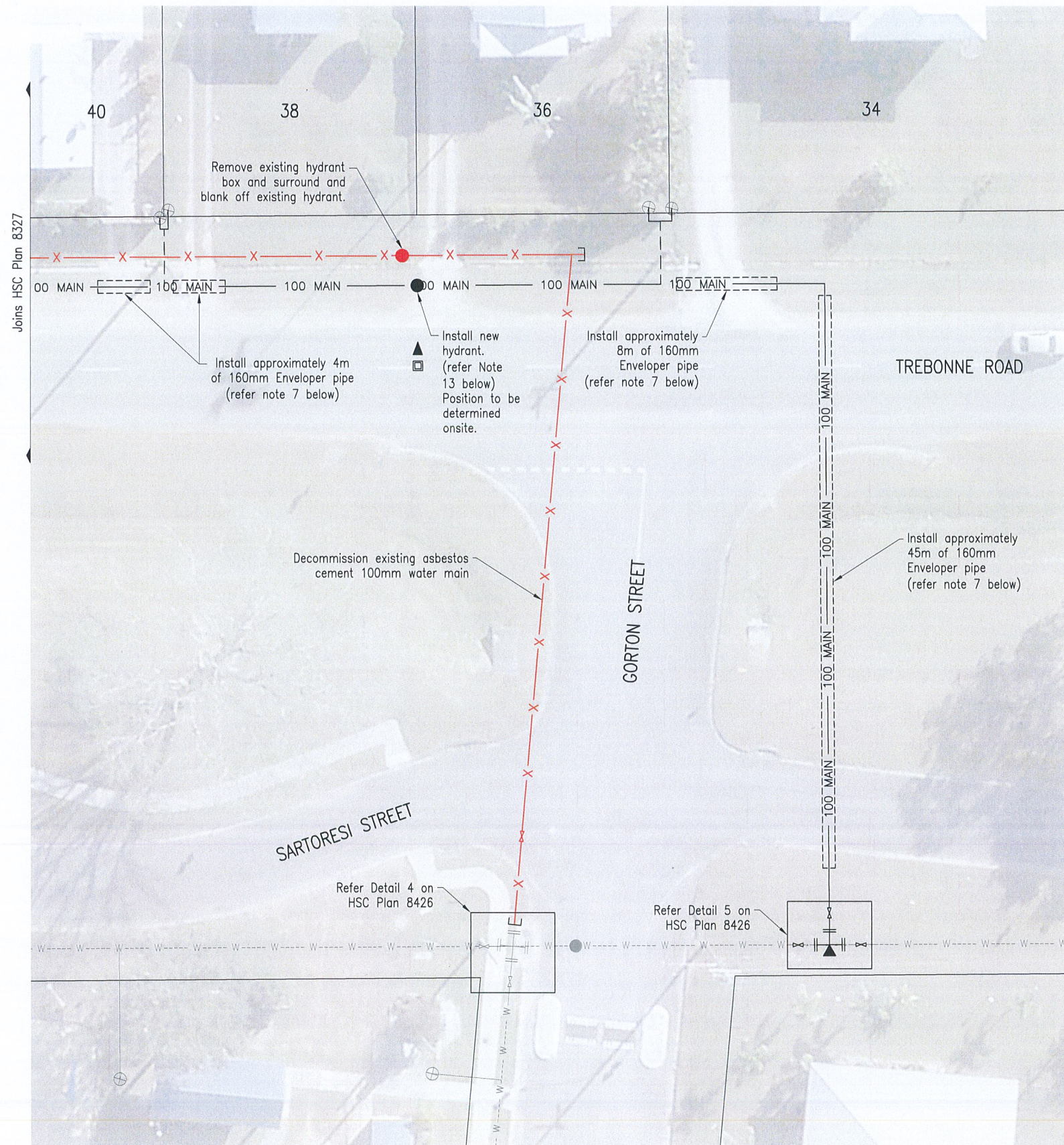
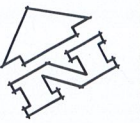
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# NOTES:

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- Residents are to be kept in water as long as possible.
- Residents are to be consulted with at least 48 hours in advance regarding water outages.
- All road crossings are to be open cut or directionally bored. If open cut, DIOL is to be installed. If boring, Polyethylene PN16 enveloper pipe is to be installed (Refer Detail 7 on HSC Plan 8427).
- All driveways to be open cut or directionally bored and Polyethylene PN16 enveloper pipe is to be installed. Ensure that access to affected properties is not interrupted for an extended duration of time.
- Final Alignments to be determined on-site after location of existing services, infrastructure and survey of property boundaries.
- For trenching detail refer to HSC Std Drg W006.
- All pipework shall be oPVC class 16 series 500 typical U.N.O, unless stated otherwise.
- Installation of PE enveloper pipework to be in accordance with AS2033:2008 Installation of Polyethylene Pipe Systems.
- Fire hydrants and property connections to be located on site.
- Refer HSC Std Drg W001 for hydrant installation.
- Blank off ends along with all hydrants and valves in existing water main that is to be decommissioned.
- All valves to be marked on kerb and pavement as per HSC Std Drg W002.
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			As Shown	LEVEL DATUM: AHD der	Drafted: H6	Designed: H6	Examined By Client: 	Approved by Council's DIUS: 	Survey Number XXXX	Field Books XXXX	Level Books XXXX	 HINCHINBROOK SHIRE COUNCIL	HINCHINBROOK SHIRE COUNCIL		Job No		
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A	15/11/2021	Original		Plan No.			RPEQ No. 16571						TREBONNE ROAD		Plan No		
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LAYOUT PLAN - PLAN 2 OF 3																	






LAYOUT PLAN  
NTS

#### LEGEND

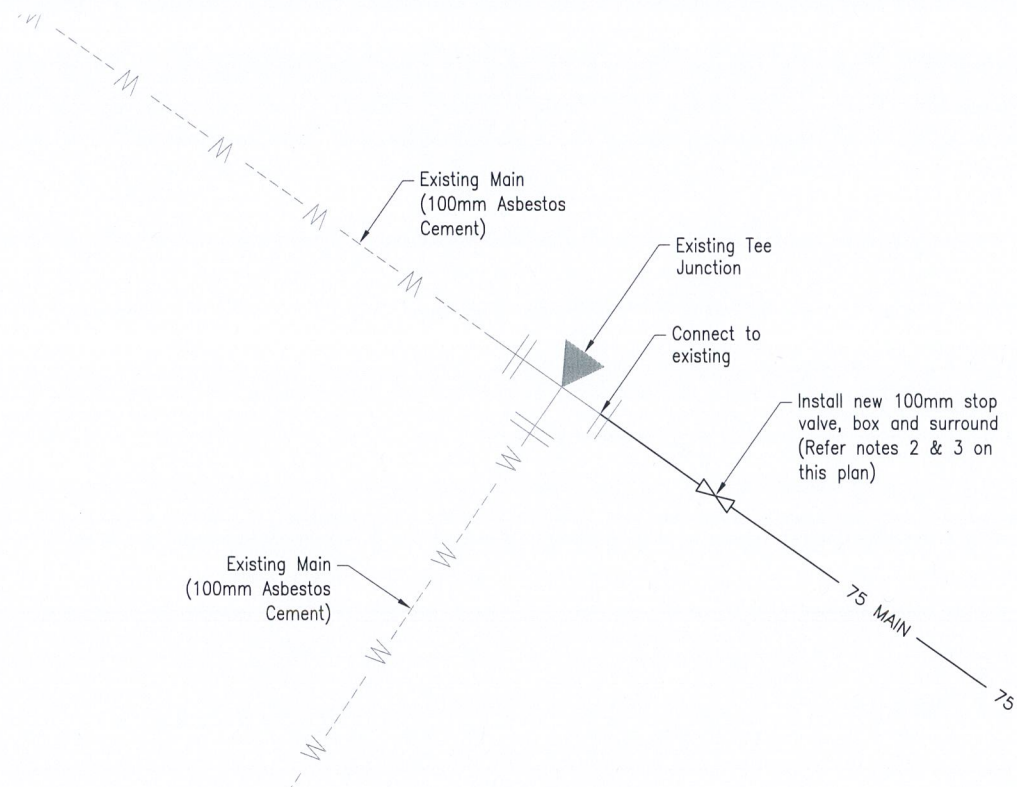
— 100 MAIN —	New 100mm Water Main (approx 290m total)	⊗	Existing Water Meter to Remain
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— X —	Existing Water Main to be Decommissioned	⊗	Existing Stop Valve
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---	Existing Water Service to Remain	⊗	New Tee Junction with Thrust Block
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●	New Fire Hydrant	⊗	Existing Cross Junction
●	Existing Fire Hydrant to Remain	⊗	New Connector Socket
●	Existing Fire Hydrant to be Removed	⊗	New End Cap
⊗	Relocated Water Meter	⊗	Retro-reflective Pavement Markers (Refer HSC Std Drg W002)

#### NOTES:

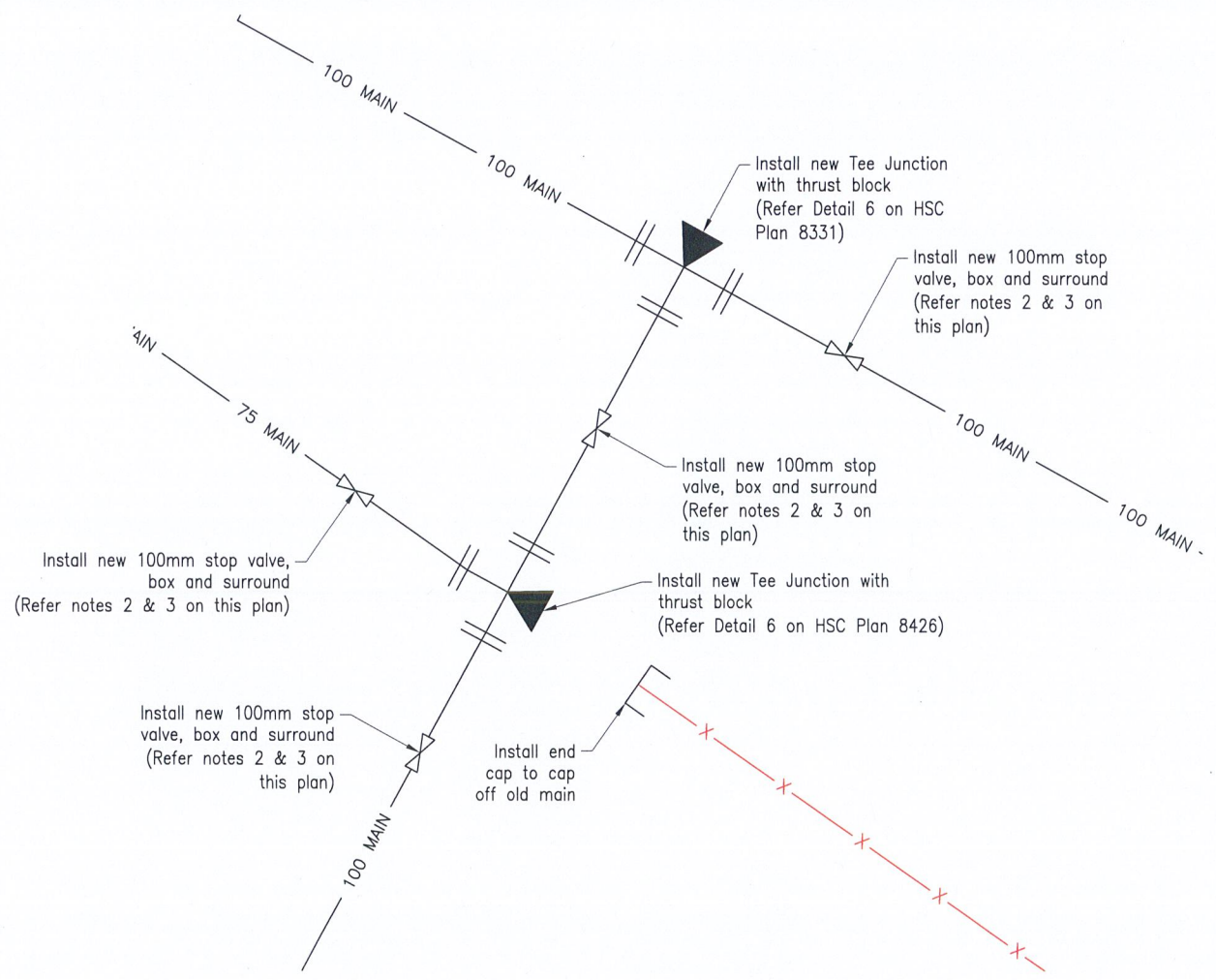
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			As Shown	LEVEL DATUM: AHD der	Drafted: H6	Designed: H6	Examined By Client: [Signature]	Approved by Council's DIUS: [Signature]	Survey Number XXXX	Field Books XXXX	Level Books XXXX	 HINCHINBROOK SHIRE COUNCIL	HINCHINBROOK SHIRE COUNCIL		Job No	
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A	15/11/2021	Original		Plan No.												
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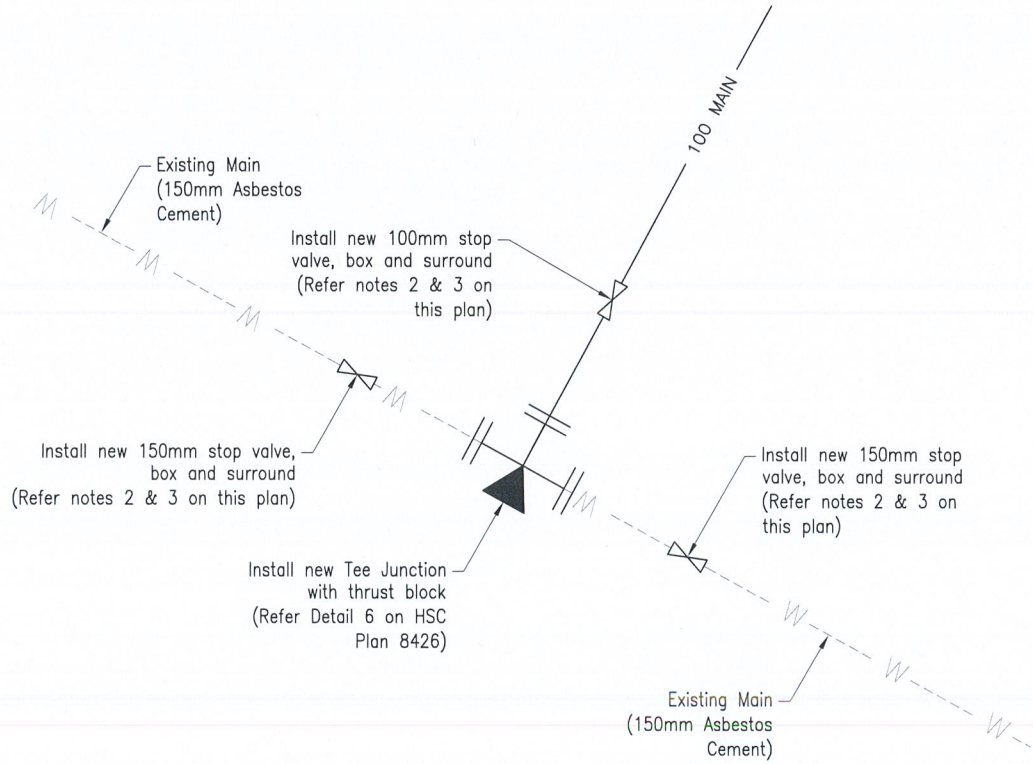




DETAIL 1  
NTS



DETAIL 3  
NTS




DETAIL 2  
NTS

**NOTES:**

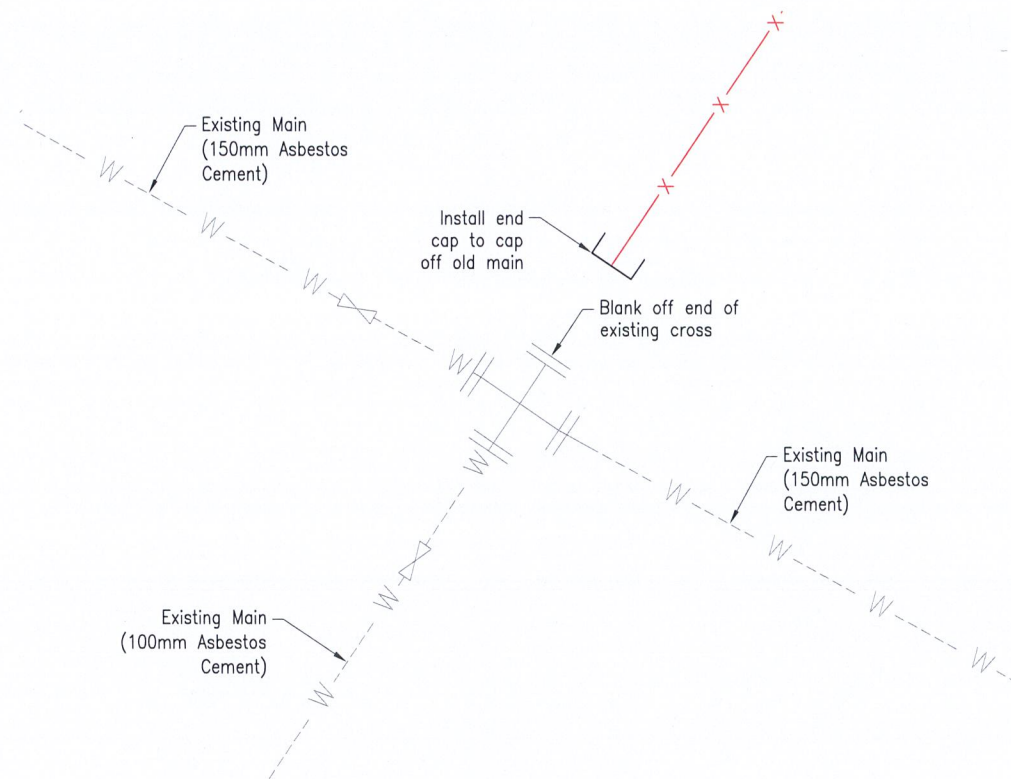
1. All dimensions are in millimetres.
2. For Valve installation refer to HSC Std Drg W001.
3. Valve to be trafficable. Refer HSC Std Drg W001 Trafficable Installation - Valve

**VALVE INSTALLATION**

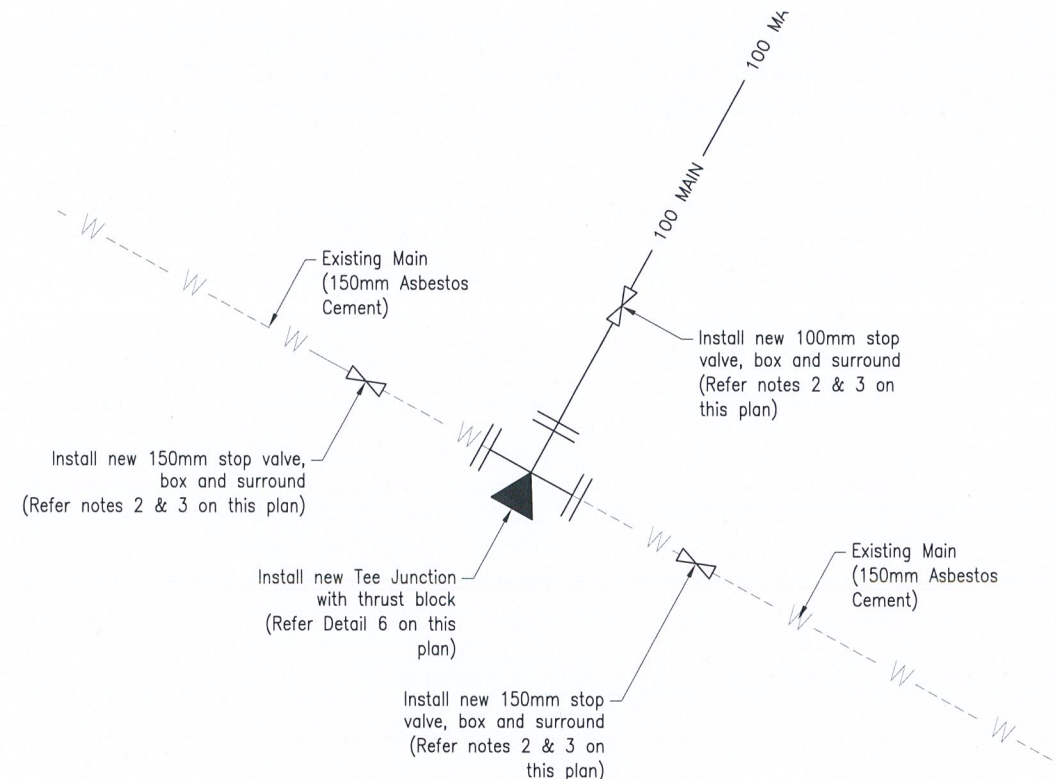
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				Associated Plans: N/A	Checked: [Signature]	Checked: [Signature]	Date: 17/11/21	Date: 15/11/21					WATER MAIN REPLACEMENT PROGRAM		22WAT001				
A	15/11/2021	Original		Plan No.			RPEQ No. 16571						TREBONNE ROAD DETAIL PLAN - PLAN 1 OF 3		Plan No 8425				
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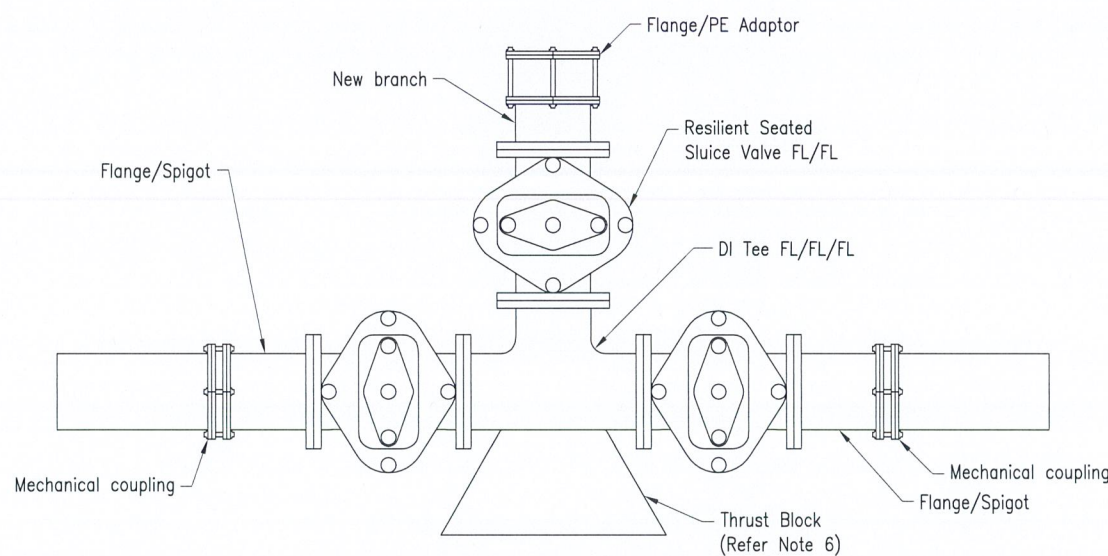




DETAIL 4  
NTS



DETAIL 5  
NTS




DETAIL - TEE JUNCTION  
NTS

#### NOTES:

1. All dimensions are in millimetres.
2. For Valve installation refer to HSC Std Drg W001.
3. Valve to be trafficable. Refer HSC Std Drg W001 Trafficable Installation - Valve
4. Do not install new branch within one metre of service tapplings or other fittings.
5. For branches on existing mains use galvanised bolts on flanged fittings (grade 4-6 up to PN16, grade 8-8 above PN16) with galvanised washers under bolt head & nut, then wrap flanges and galvanised bolts with petrolatum tape system prior to backfilling.
6. For Thrust Block details refer to HSC Std Drg W005

#### VALVE INSTALLATION

#### TEE JUNCTION

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DATE PLOTTED: Monday, 15 November 2021 4:03:02 PM													Scale			





2. Grouting mix to be 1:1 (sand:cement) with a water to cement ratio 1:0.67 by weight using fine well rounded sand. Plastocisers may be used.

