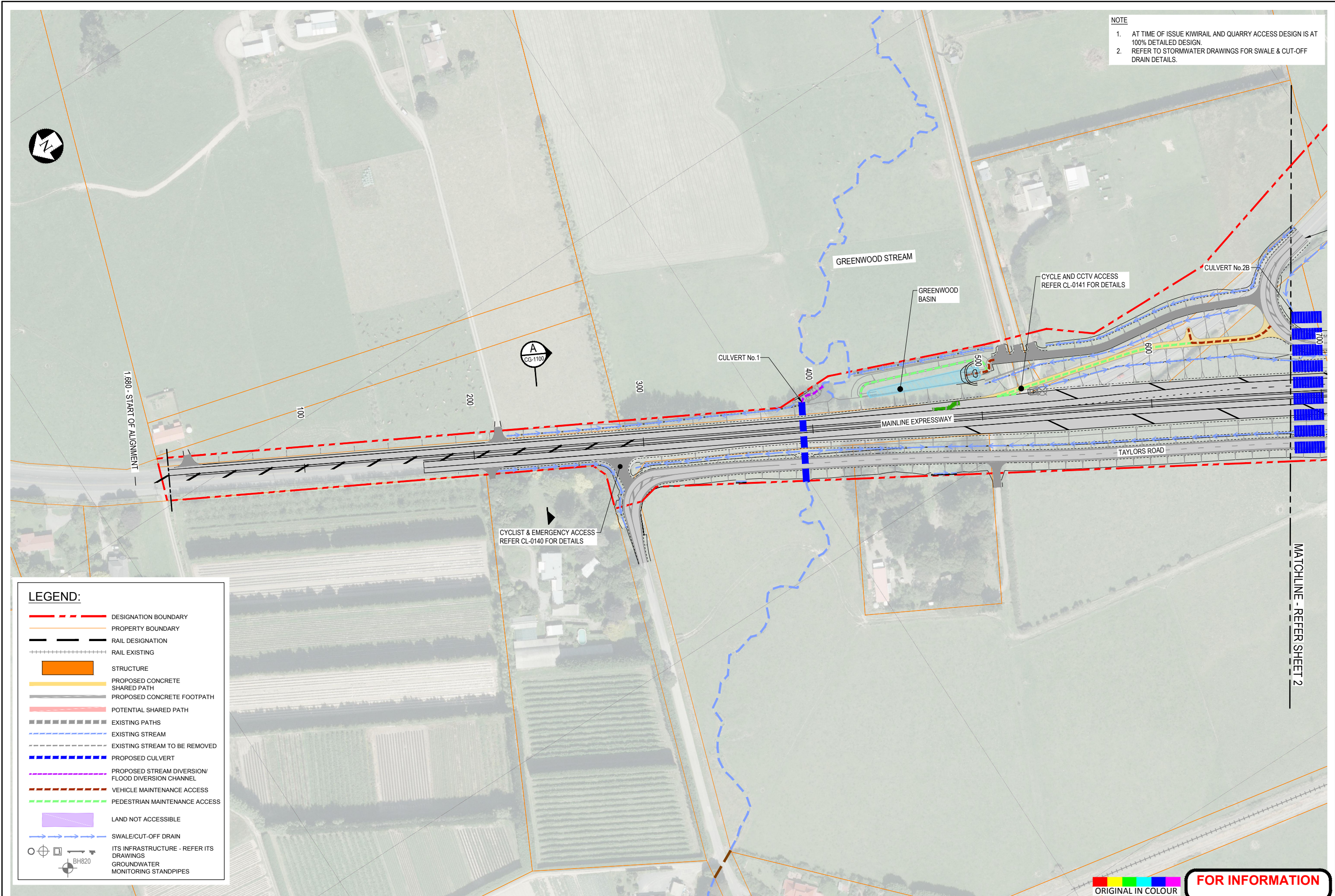


- NOTE**
1. AT TIME OF ISSUE KIWRAIL AND QUARRY ACCESS DESIGN IS AT 100% DETAILED DESIGN.
 2. REFER TO STORMWATER DRAWINGS FOR SWALE & CUT-OFF DRAIN DETAILS.



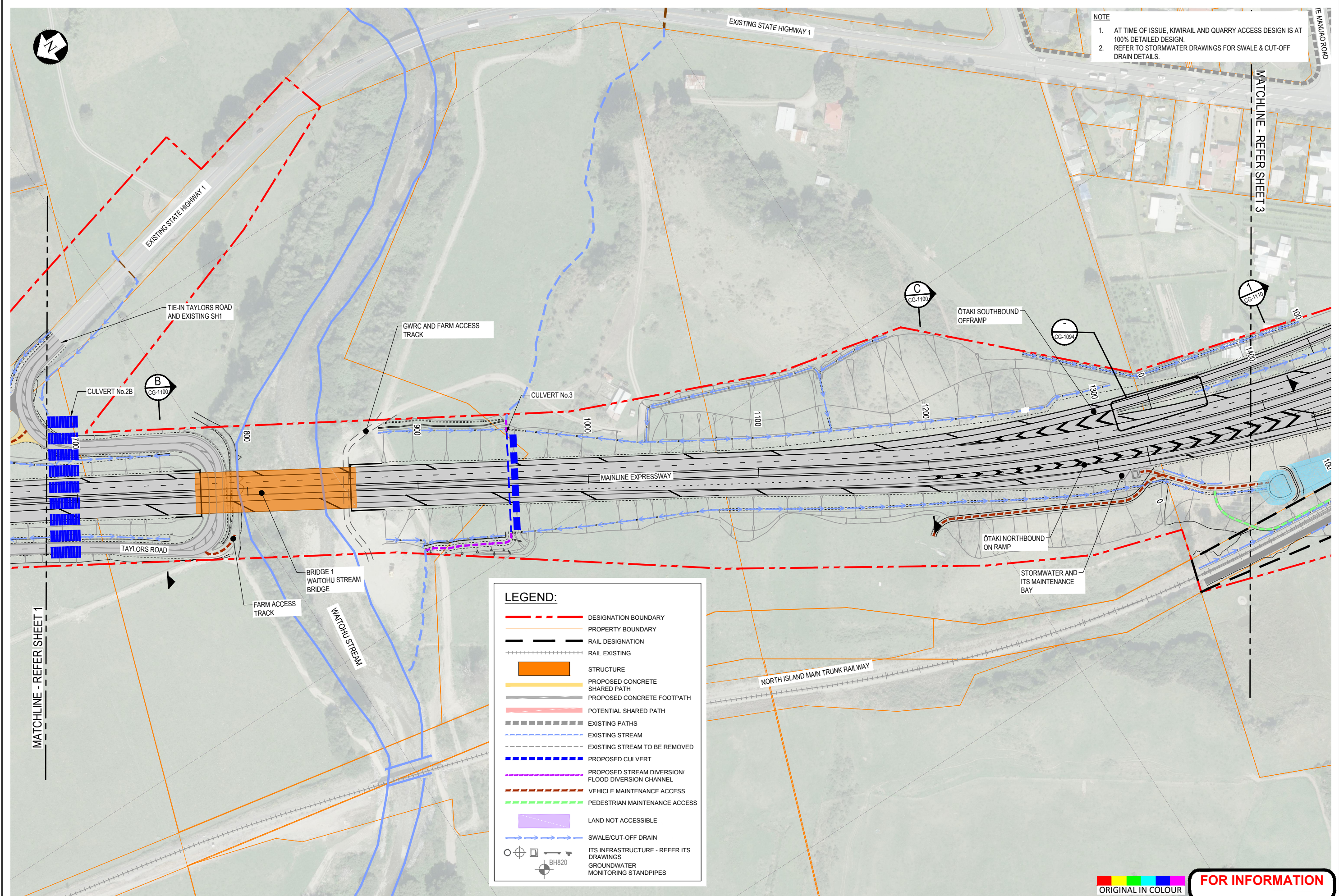
LEGEND:

- DESIGNATION BOUNDARY
- PROPERTY BOUNDARY
- RAIL DESIGNATION
- + + + + + RAIL EXISTING
- █ STRUCTURE
- PROPOSED CONCRETE SHARED PATH
- PROPOSED CONCRETE FOOTPATH
- POTENTIAL SHARED PATH
- EXISTING PATHS
- EXISTING STREAM
- EXISTING STREAM TO BE REMOVED
- PROPOSED CULVERT
- PROPOSED STREAM DIVERSION/ FLOOD DIVERSION CHANNEL
- VEHICLE MAINTENANCE ACCESS
- PEDESTRIAN MAINTENANCE ACCESS
- █ LAND NOT ACCESSIBLE
- SWALE/CUT-OFF DRAIN
- ⊕ ITS INFRASTRUCTURE - REFER ITS DRAWINGS
- ⊕ BH820
- ⊕ GROUNDWATER MONITORING STANDPIPES

█ █ █ █ █ **FOR INFORMATION**
 ORIGINAL IN COLOUR

Peka Peka to Otaki Expressway

Subject: GENERAL ARRANGEMENT	Discipline: CIVIL	
Title: LAYOUT PLAN SHEET 1	Drawing No.: PP20-DR-GN-1061	Rev.: 1



NOTE

1. AT TIME OF ISSUE, KIWIRAIL AND QUARRY ACCESS DESIGN IS AT 100% DETAILED DESIGN.
2. REFER TO STORMWATER DRAWINGS FOR SWALE & CUT-OFF DRAIN DETAILS.

LEGEND:

- DESIGNATION BOUNDARY
- PROPERTY BOUNDARY
- RAIL DESIGNATION
- RAIL EXISTING
- █ STRUCTURE
- PROPOSED CONCRETE SHARED PATH
- PROPOSED CONCRETE FOOTPATH
- POTENTIAL SHARED PATH
- EXISTING PATHS
- EXISTING STREAM
- EXISTING STREAM TO BE REMOVED
- PROPOSED CULVERT
- PROPOSED STREAM DIVERSION/ FLOOD DIVERSION CHANNEL
- VEHICLE MAINTENANCE ACCESS
- PEDESTRIAN MAINTENANCE ACCESS
- █ LAND NOT ACCESSIBLE
- SWALE/CUT-OFF DRAIN
- ITS INFRASTRUCTURE - REFER ITS DRAWINGS
- GROUNDWATER MONITORING STANDPIPES

FOR INFORMATION

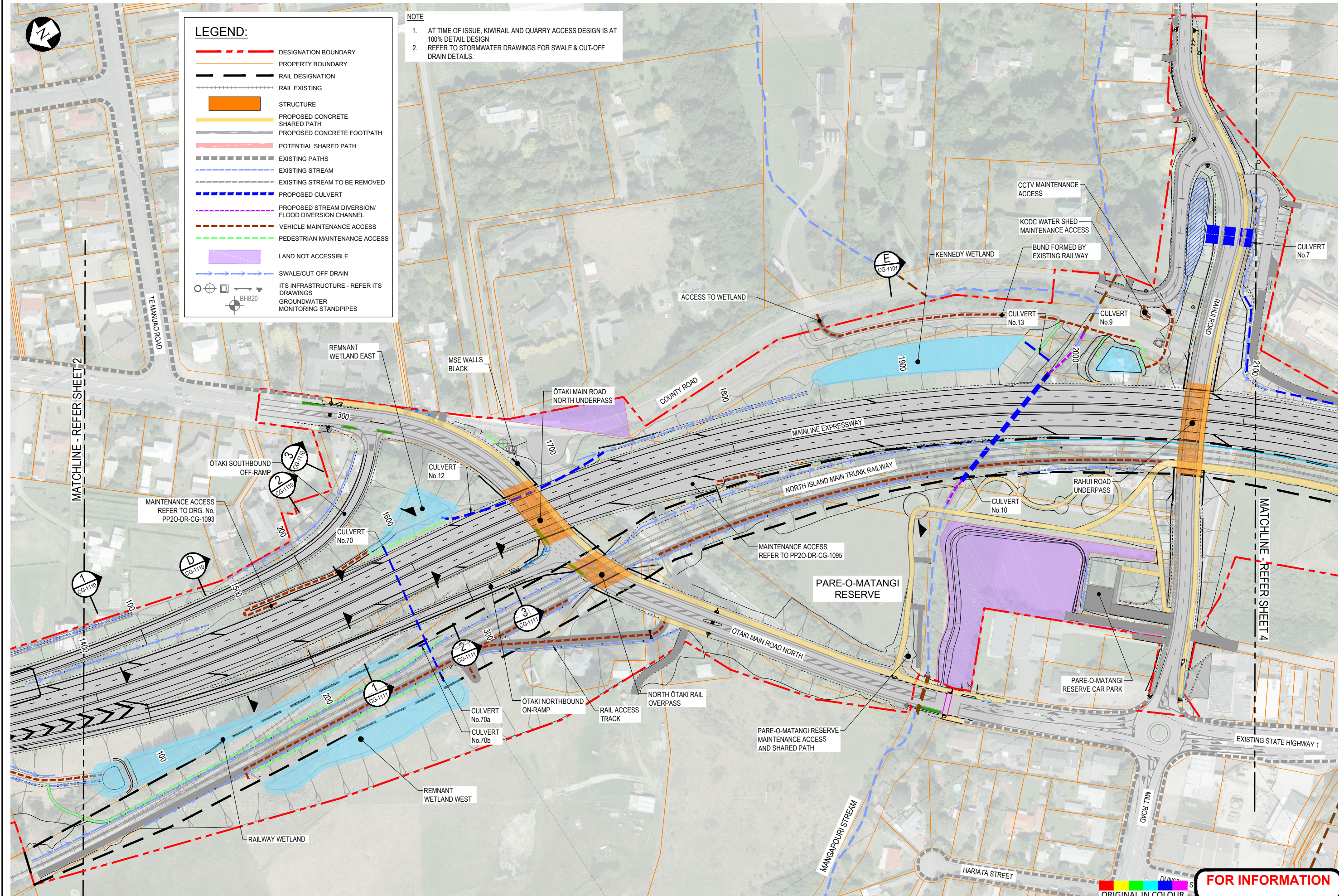
Subject:	GENERAL ARRANGEMENT	Discipline:	CIVIL
Title:	LAYOUT PLAN SHEET 2	Drawing No.:	PP20-DR-GN-1062
		Rev.:	1

Document No. R19000 - DESIGN DEVELOPMENT GENERAL 09 CAD DRAWINGS SIGNPP20-DR-GN-1061-1076.DWG

NOTE
 1. AT TIME OF ISSUE, KIWIRAIL AND QUARRY ACCESS DESIGN IS AT 100% DETAIL DESIGN
 2. REFER TO STORMWATER DRAWINGS FOR SWALE & CUT-OFF DRAIN DETAILS.

LEGEND:

- DESIGNATION BOUNDARY
- PROPERTY BOUNDARY
- RAIL DESIGNATION
- RAIL EXISTING
- STRUCTURE
- PROPOSED CONCRETE SHARED PATH
- PROPOSED CONCRETE FOOTPATH
- POTENTIAL SHARED PATH
- EXISTING PATHS
- EXISTING STREAM
- EXISTING STREAM TO BE REMOVED
- PROPOSED CULVERT
- PROPOSED STREAM DIVERSION/ FLOOD DIVERSION CHANNEL
- VEHICLE MAINTENANCE ACCESS
- PEDESTRIAN MAINTENANCE ACCESS
- LAND NOT ACCESSIBLE
- SWALE/CUT-OFF DRAIN
- ITS INFRASTRUCTURE - REFER ITS DRAWINGS
- GROUNDWATER MONITORING STANDPIPES



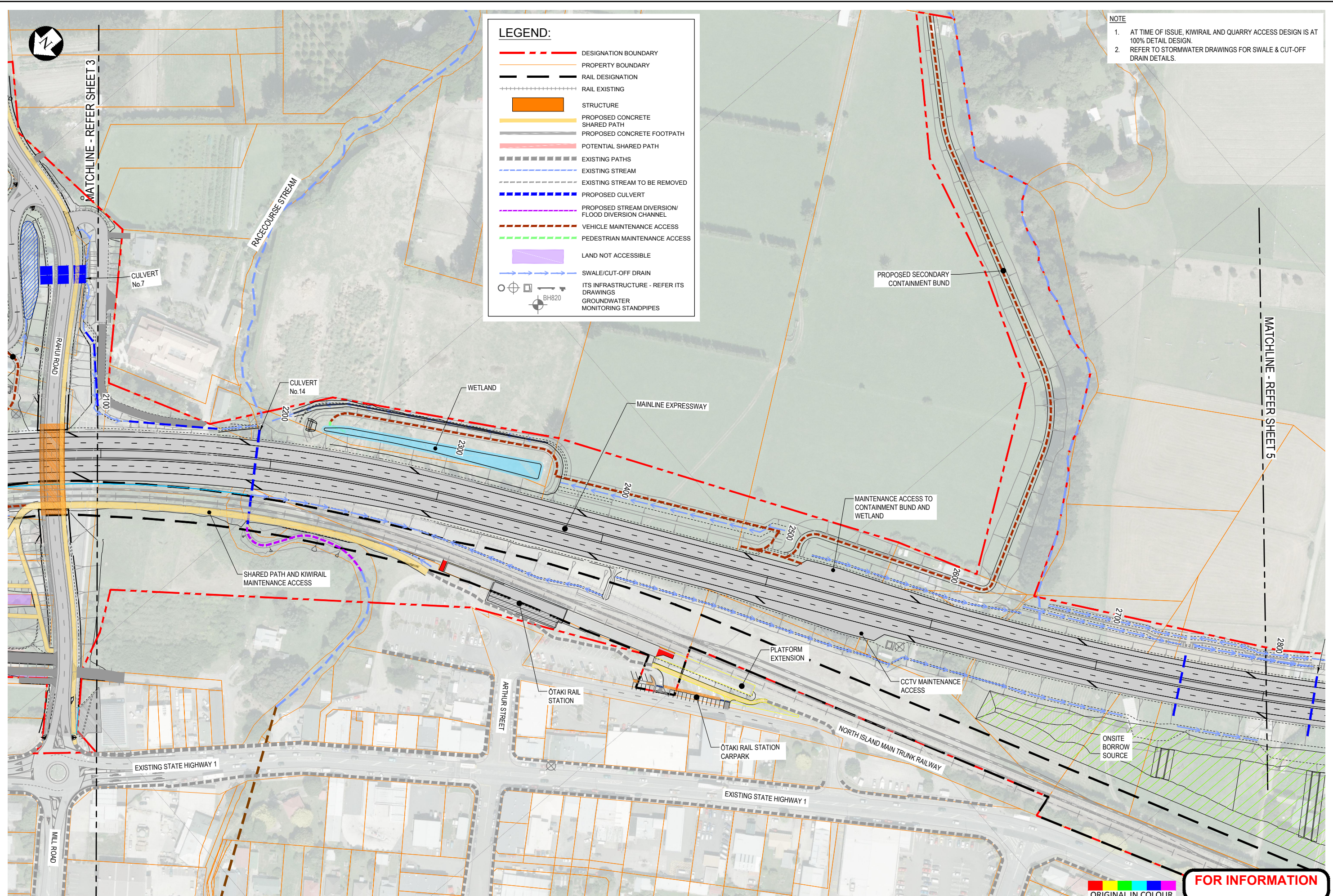
MATCHLINE - REFER SHEET 2

MATCHLINE - REFER SHEET 4

FOR INFORMATION

Peka Peka to Otaki Expressway

Subject:	GENERAL ARRANGEMENT	Discipline:	CIVIL
Title:	LAYOUT PLAN SHEET 3	Drawing No.:	PP20-DR-GN-1063
Rev.:		Rev.:	1



LEGEND:

- DESIGNATION BOUNDARY
- PROPERTY BOUNDARY
- RAIL DESIGNATION
- RAIL EXISTING
- █ STRUCTURE
- PROPOSED CONCRETE SHARED PATH
- PROPOSED CONCRETE FOOTPATH
- POTENTIAL SHARED PATH
- EXISTING PATHS
- EXISTING STREAM
- EXISTING STREAM TO BE REMOVED
- PROPOSED CULVERT
- PROPOSED STREAM DIVERSION/ FLOOD DIVERSION CHANNEL
- VEHICLE MAINTENANCE ACCESS
- PEDESTRIAN MAINTENANCE ACCESS
- █ LAND NOT ACCESSIBLE
- SWALE/CUT-OFF DRAIN
- ITS INFRASTRUCTURE - REFER ITS DRAWINGS
- GROUNDWATER MONITORING STANDPIPES

NOTE

1. AT TIME OF ISSUE, KIWIRAIL AND QUARRY ACCESS DESIGN IS AT 100% DETAIL DESIGN.
2. REFER TO STORMWATER DRAWINGS FOR SWALE & CUT-OFF DRAIN DETAILS.

FOR INFORMATION

Subject:	GENERAL ARRANGEMENT	Discipline:	CIVIL
Title:	LAYOUT PLAN SHEET 4	Drawing No.:	PP20-DR-GN-1064
		Rev.:	1

1:2000

ORIGINAL SIZE A1 - DO NOT SCALE

IF IN DOUBT ASK

Document No. R19000 - DESIGN DEVELOPMENT GENERAL/09 CAD/DRAWINGS/PP20-DR-GN-1064-1076.DWG

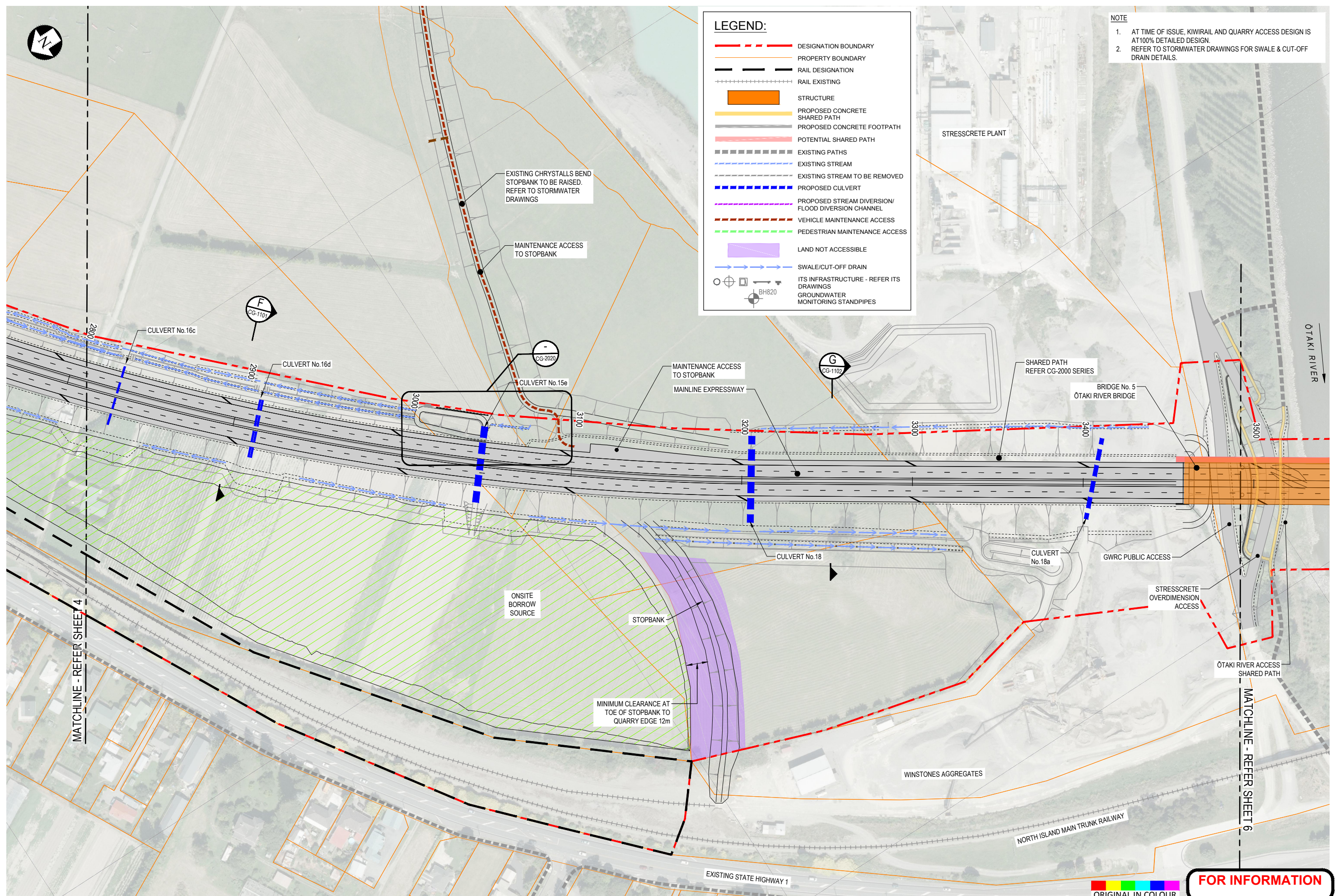


LEGEND:

- DESIGNATION BOUNDARY
- PROPERTY BOUNDARY
- RAIL DESIGNATION
- RAIL EXISTING
- STRUCTURE
- PROPOSED CONCRETE SHARED PATH
- PROPOSED CONCRETE FOOTPATH
- POTENTIAL SHARED PATH
- EXISTING PATHS
- EXISTING STREAM
- EXISTING STREAM TO BE REMOVED
- PROPOSED CULVERT
- PROPOSED STREAM DIVERSION/ FLOOD DIVERSION CHANNEL
- VEHICLE MAINTENANCE ACCESS
- PEDESTRIAN MAINTENANCE ACCESS
- LAND NOT ACCESSIBLE
- SWALE/CUT-OFF DRAIN
- ITS INFRASTRUCTURE - REFER ITS DRAWINGS
- GROUNDWATER MONITORING STANDPIPES

NOTE

1. AT TIME OF ISSUE, KIWI RAIL AND QUARRY ACCESS DESIGN IS AT 100% DETAILED DESIGN.
2. REFER TO STORMWATER DRAWINGS FOR SWALE & CUT-OFF DRAIN DETAILS.



FOR INFORMATION

ORIGINAL IN COLOUR

1:2000

Subject:	GENERAL ARRANGEMENT	Discipline:	CIVIL
Title:	LAYOUT PLAN SHEET 5	Drawing No.:	PP20-DR-GN-1065
		Rev.:	1+

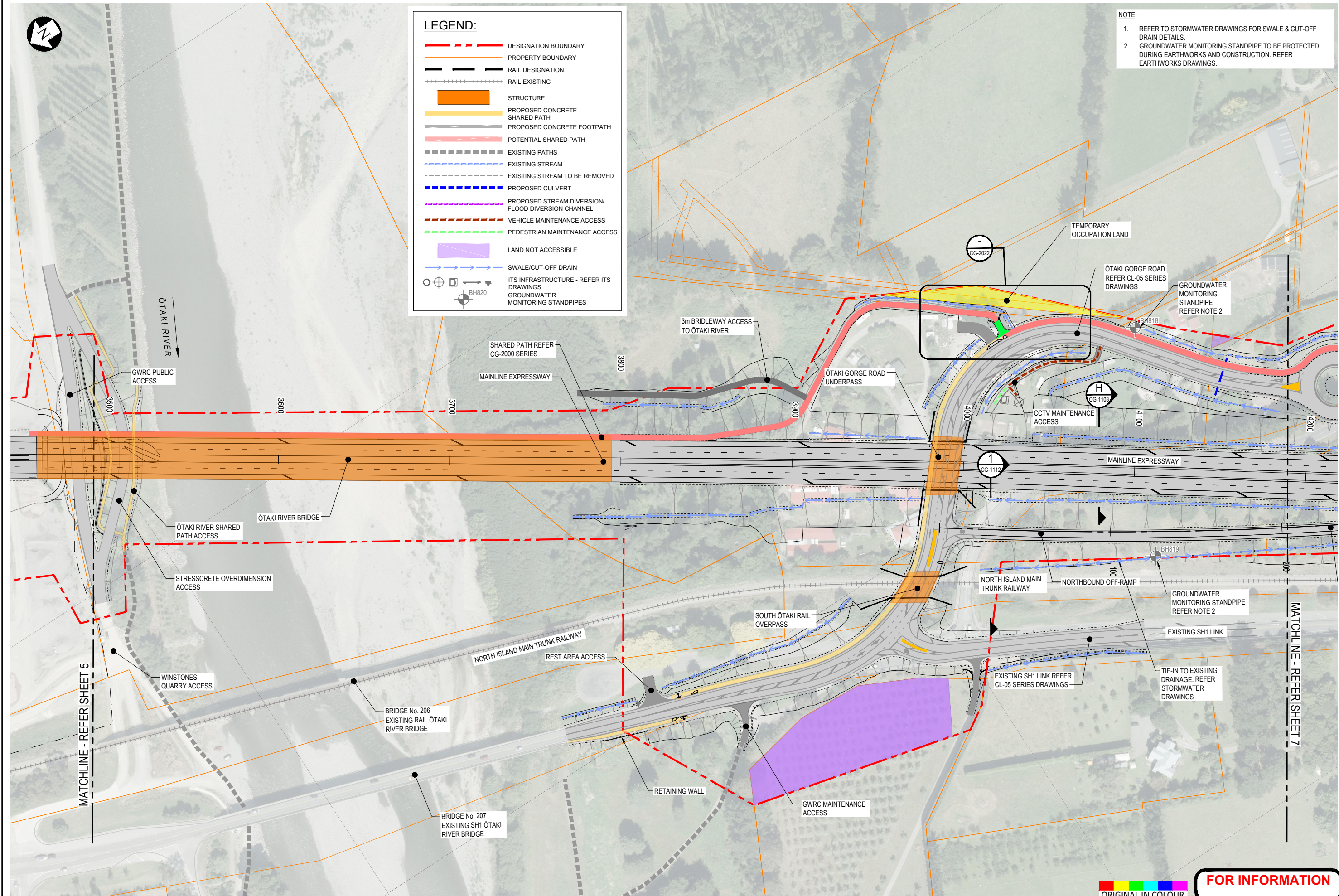


LEGEND:

- DESIGNATION BOUNDARY
- PROPERTY BOUNDARY
- RAIL DESIGNATION
- - - - - RAIL EXISTING
- █ STRUCTURE
- PROPOSED CONCRETE SHARED PATH
- PROPOSED CONCRETE FOOTPATH
- POTENTIAL SHARED PATH
- EXISTING PATHS
- EXISTING STREAM
- EXISTING STREAM TO BE REMOVED
- PROPOSED CULVERT
- PROPOSED STREAM DIVERSION/ FLOOD DIVERSION CHANNEL
- VEHICLE MAINTENANCE ACCESS
- PEDESTRIAN MAINTENANCE ACCESS
- █ LAND NOT ACCESSIBLE
- SWALE/CUT-OFF DRAIN
- ITS INFRASTRUCTURE - REFER ITS DRAWINGS
- GROUNDWATER MONITORING STANDPIPES

NOTE

1. REFER TO STORMWATER DRAWINGS FOR SWALE & CUT-OFF DRAIN DETAILS.
2. GROUNDWATER MONITORING STANDPIPE TO BE PROTECTED DURING EARTHWORKS AND CONSTRUCTION. REFER EARTHWORKS DRAWINGS.



FOR INFORMATION

ORIGINAL IN COLOUR

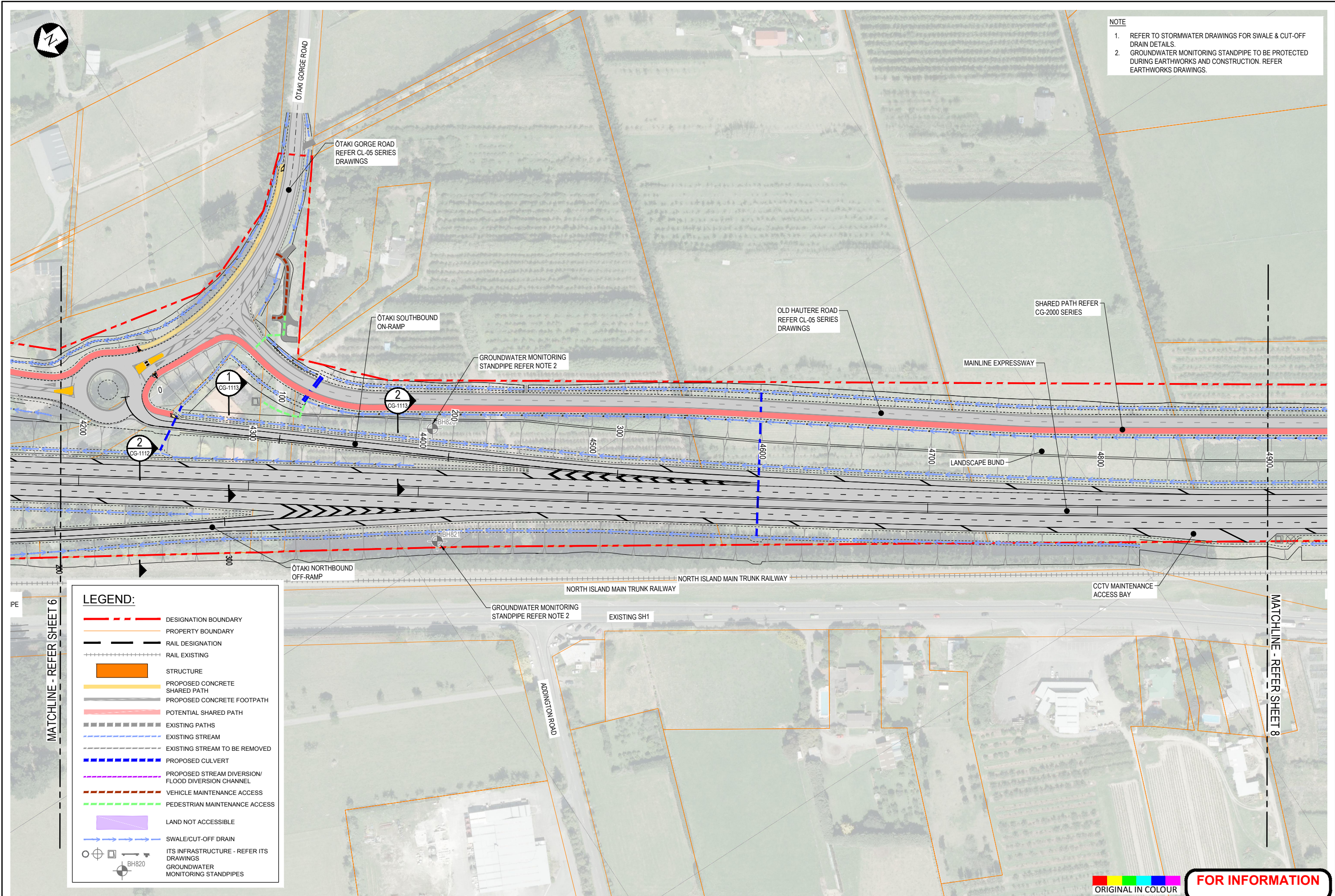
NZ TRANSPORT AGENCY WAIKAŌTIRI

Peka Peka to Otaki Expressway

Fletcher HIGGINS

BECA **Tonkin+Taylor**

Subject:	GENERAL ARRANGEMENT	Discipline:	CIVIL
Title:	LAYOUT PLAN SHEET 6	Drawing No.:	PP20-DR-GN-1066
		Rev.:	1+



NOTE

1. REFER TO STORMWATER DRAWINGS FOR SWALE & CUT-OFF DRAIN DETAILS.
2. GROUNDWATER MONITORING STANDPIPE TO BE PROTECTED DURING EARTHWORKS AND CONSTRUCTION. REFER EARTHWORKS DRAWINGS.

LEGEND:

- DESIGNATION BOUNDARY
- PROPERTY BOUNDARY
- RAIL DESIGNATION
- RAIL EXISTING
- STRUCTURE
- PROPOSED CONCRETE SHARED PATH
- PROPOSED CONCRETE FOOTPATH
- POTENTIAL SHARED PATH
- EXISTING PATHS
- EXISTING STREAM
- EXISTING STREAM TO BE REMOVED
- PROPOSED CULVERT
- PROPOSED STREAM DIVERSION/ FLOOD DIVERSION CHANNEL
- VEHICLE MAINTENANCE ACCESS
- PEDESTRIAN MAINTENANCE ACCESS
- LAND NOT ACCESSIBLE
- SWALE/CUT-OFF DRAIN
- ⊙ ITS INFRASTRUCTURE - REFER ITS DRAWINGS
- ⊙ GROUNDWATER MONITORING STANDPIPES



FOR INFORMATION

Subject: GENERAL ARRANGEMENT Title: LAYOUT PLAN SHEET 7	Discipline: CIVIL Drawing No: PP20-DR-GN-1067 Rev: 1+
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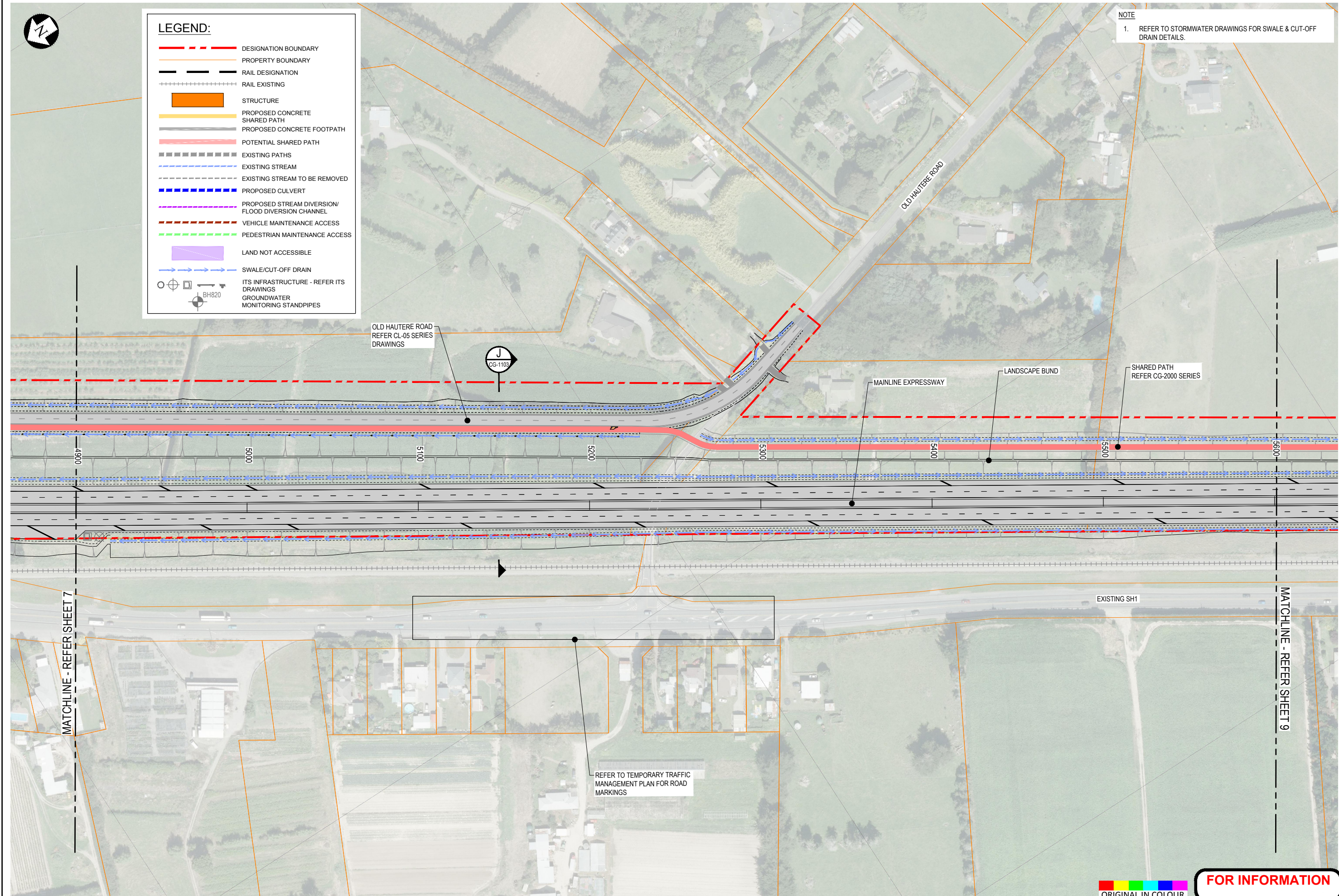
Document No. R19000 - DESIGN DEVELOPMENT GENERAL 09 CAD DRAWINGS SIGN PP20-DR-GN-1067-1076.DWG



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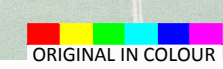
- DESIGNATION BOUNDARY
- PROPERTY BOUNDARY
- RAIL DESIGNATION
- RAIL EXISTING
- STRUCTURE
- PROPOSED CONCRETE SHARED PATH
- PROPOSED CONCRETE FOOTPATH
- POTENTIAL SHARED PATH
- EXISTING PATHS
- EXISTING STREAM
- EXISTING STREAM TO BE REMOVED
- PROPOSED CULVERT
- PROPOSED STREAM DIVERSION/ FLOOD DIVERSION CHANNEL
- VEHICLE MAINTENANCE ACCESS
- PEDESTRIAN MAINTENANCE ACCESS
- LAND NOT ACCESSIBLE
- SWALE/CUT-OFF DRAIN
-  ITS INFRASTRUCTURE - REFER ITS DRAWINGS
-  GROUNDWATER MONITORING STANDPIPES

NOTE
1. REFER TO STORMWATER DRAWINGS FOR SWALE & CUT-OFF DRAIN DETAILS.



MATCHLINE - REFER SHEET 7

MATCHLINE - REFER SHEET 9



FOR INFORMATION







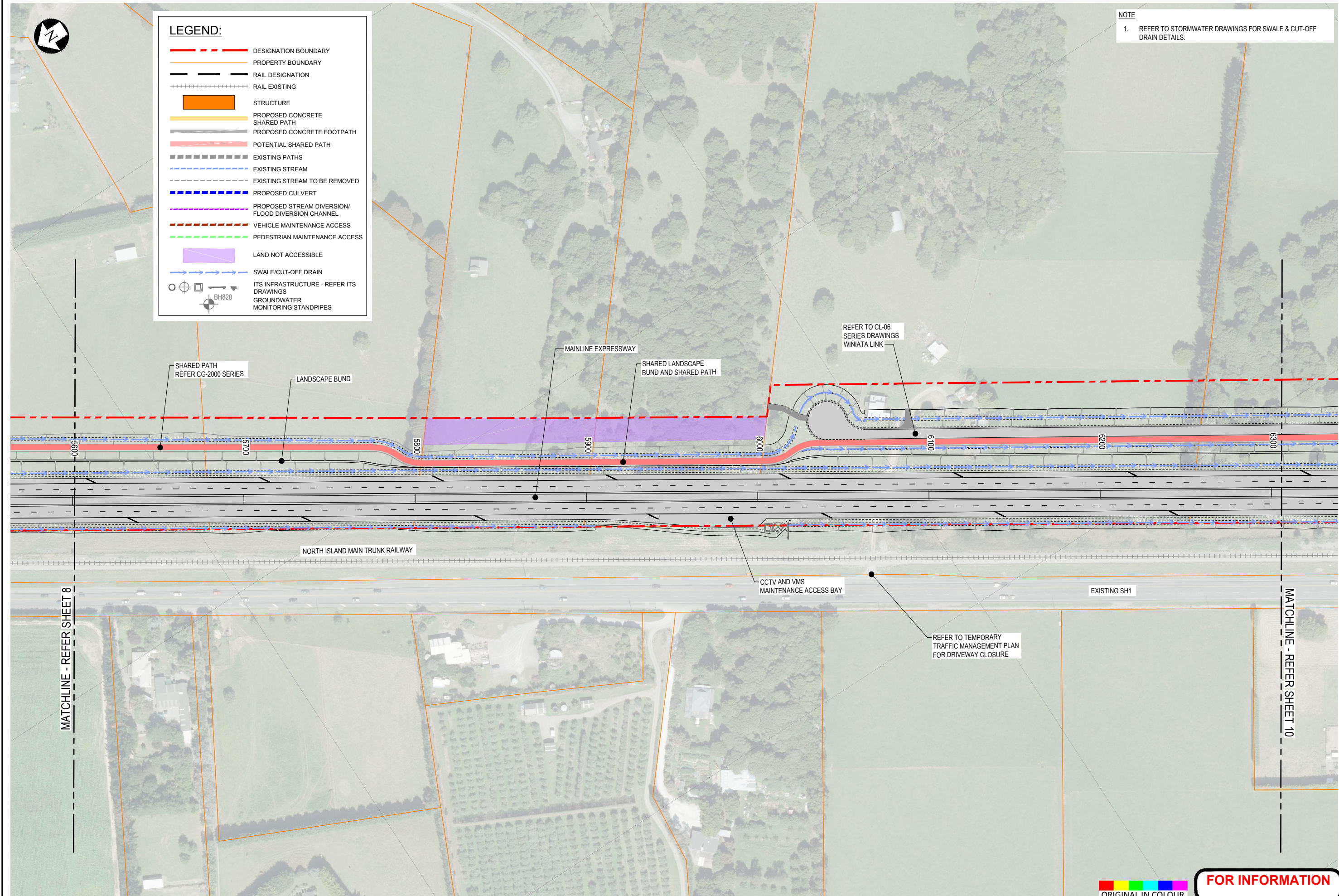
Subject:	GENERAL ARRANGEMENT	Discipline:	CIVIL
Title:	LAYOUT PLAN SHEET 8	Drawing No.:	PP20-DR-GN-1068
		Rev.:	1+



LEGEND:

- DESIGNATION BOUNDARY
- PROPERTY BOUNDARY
- RAIL DESIGNATION
- RAIL EXISTING
- STRUCTURE
- PROPOSED CONCRETE SHARED PATH
- PROPOSED CONCRETE FOOTPATH
- POTENTIAL SHARED PATH
- EXISTING PATHS
- EXISTING STREAM
- EXISTING STREAM TO BE REMOVED
- PROPOSED CULVERT
- PROPOSED STREAM DIVERSION/ FLOOD DIVERSION CHANNEL
- VEHICLE MAINTENANCE ACCESS
- PEDESTRIAN MAINTENANCE ACCESS
- LAND NOT ACCESSIBLE
- SWALE/CUT-OFF DRAIN
- ITS INFRASTRUCTURE - REFER ITS DRAWINGS
- GROUNDWATER MONITORING STANDPIPES

NOTE
1. REFER TO STORMWATER DRAWINGS FOR SWALE & CUT-OFF DRAIN DETAILS.



MATCHLINE - REFER SHEET 8

MATCHLINE - REFER SHEET 10

FOR INFORMATION

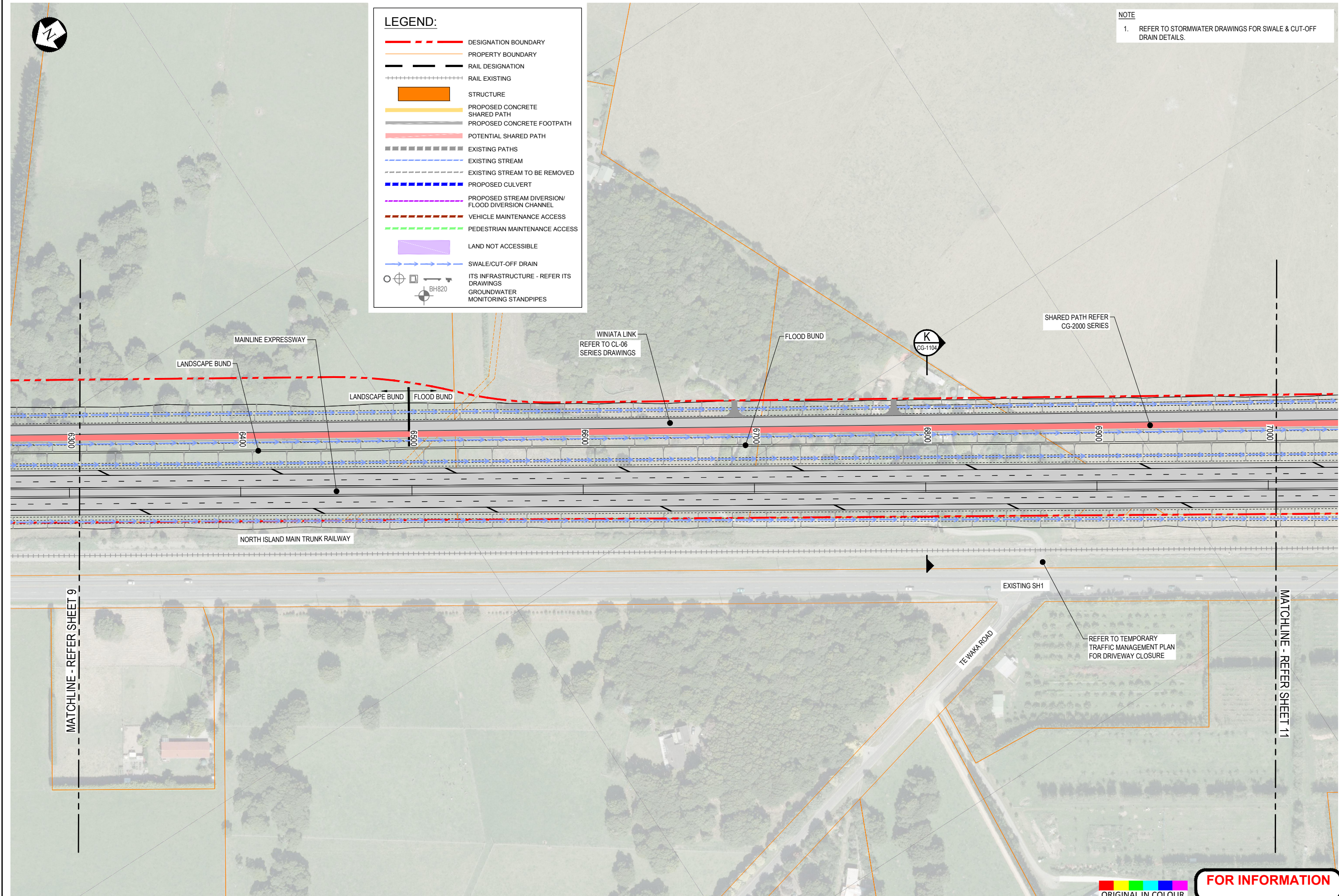
Subject: GENERAL ARRANGEMENT	Discipline: CIVIL	
Title: LAYOUT PLAN SHEET 9	Drawing No.: PP20-DR-GN-1069	Rev.: 1+



LEGEND:

- DESIGNATION BOUNDARY
- PROPERTY BOUNDARY
- RAIL DESIGNATION
- RAIL EXISTING
- STRUCTURE
- PROPOSED CONCRETE SHARED PATH
- PROPOSED CONCRETE FOOTPATH
- POTENTIAL SHARED PATH
- EXISTING PATHS
- EXISTING STREAM
- EXISTING STREAM TO BE REMOVED
- PROPOSED CULVERT
- PROPOSED STREAM DIVERSION/ FLOOD DIVERSION CHANNEL
- VEHICLE MAINTENANCE ACCESS
- PEDESTRIAN MAINTENANCE ACCESS
- LAND NOT ACCESSIBLE
- SWALE/CUT-OFF DRAIN
- ITS INFRASTRUCTURE - REFER ITS DRAWINGS
- BH820 GROUNDWATER MONITORING STANDPIPES

NOTE
1. REFER TO STORMWATER DRAWINGS FOR SWALE & CUT-OFF DRAIN DETAILS.



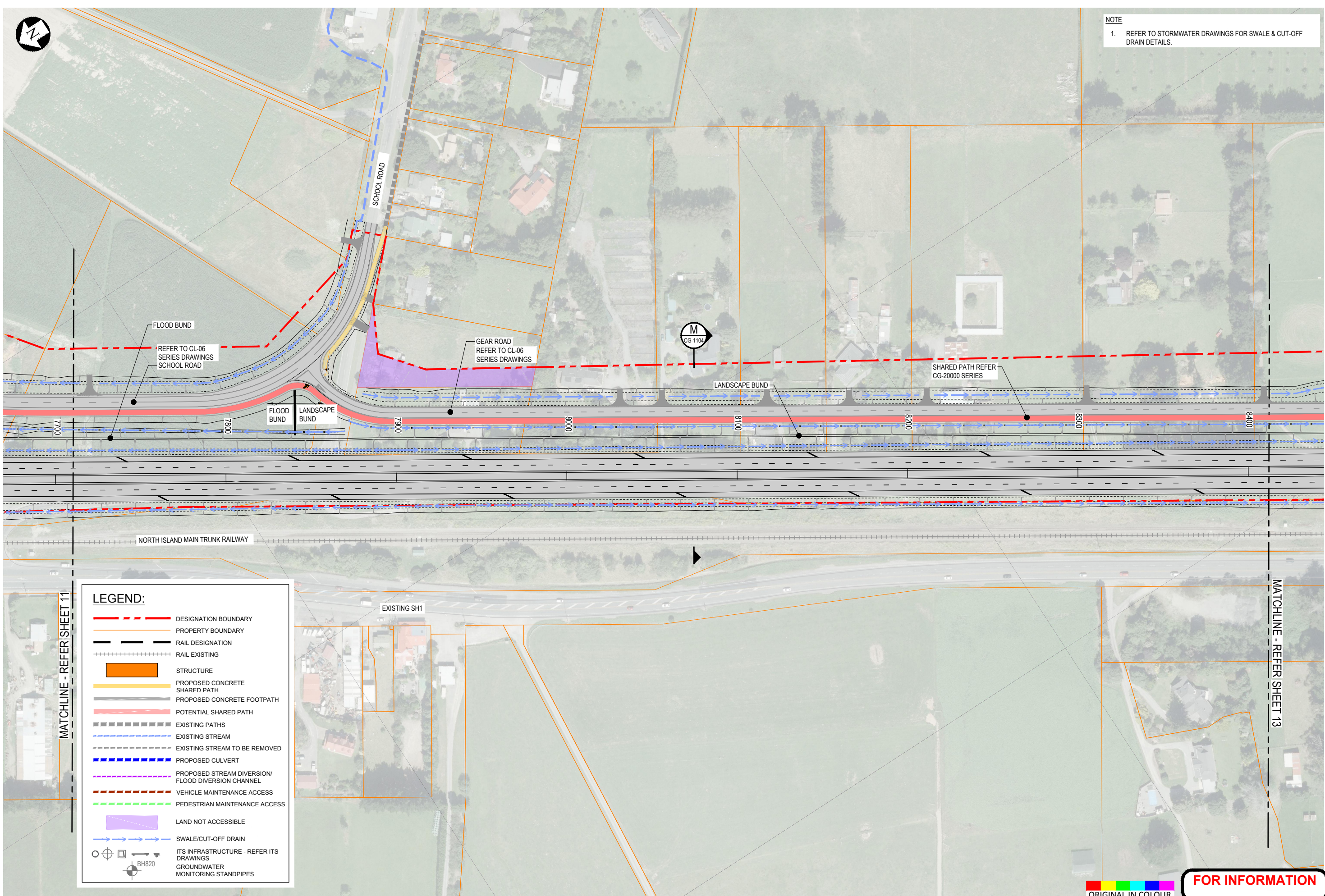
MATCHLINE - REFER SHEET 9

MATCHLINE - REFER SHEET 11

ORIGINAL IN COLOUR

FOR INFORMATION

Subject:	GENERAL ARRANGEMENT	Discipline:	CIVIL
Title:	LAYOUT PLAN SHEET 10	Drawing No.:	PP20-DR-GN-1070
		Rev.:	1+



NOTE
 1. REFER TO STORMWATER DRAWINGS FOR SWALE & CUT-OFF DRAIN DETAILS.

LEGEND:

- DESIGNATION BOUNDARY
- PROPERTY BOUNDARY
- RAIL DESIGNATION
- RAIL EXISTING
- STRUCTURE
- PROPOSED CONCRETE SHARED PATH
- PROPOSED CONCRETE FOOTPATH
- POTENTIAL SHARED PATH
- EXISTING PATHS
- EXISTING STREAM
- EXISTING STREAM TO BE REMOVED
- PROPOSED CULVERT
- PROPOSED STREAM DIVERSION/ FLOOD DIVERSION CHANNEL
- VEHICLE MAINTENANCE ACCESS
- PEDESTRIAN MAINTENANCE ACCESS
- LAND NOT ACCESSIBLE
- SWALE/CUT-OFF DRAIN
- ITS INFRASTRUCTURE - REFER ITS DRAWINGS
- GROUNDWATER MONITORING STANDPIPES

FOR INFORMATION

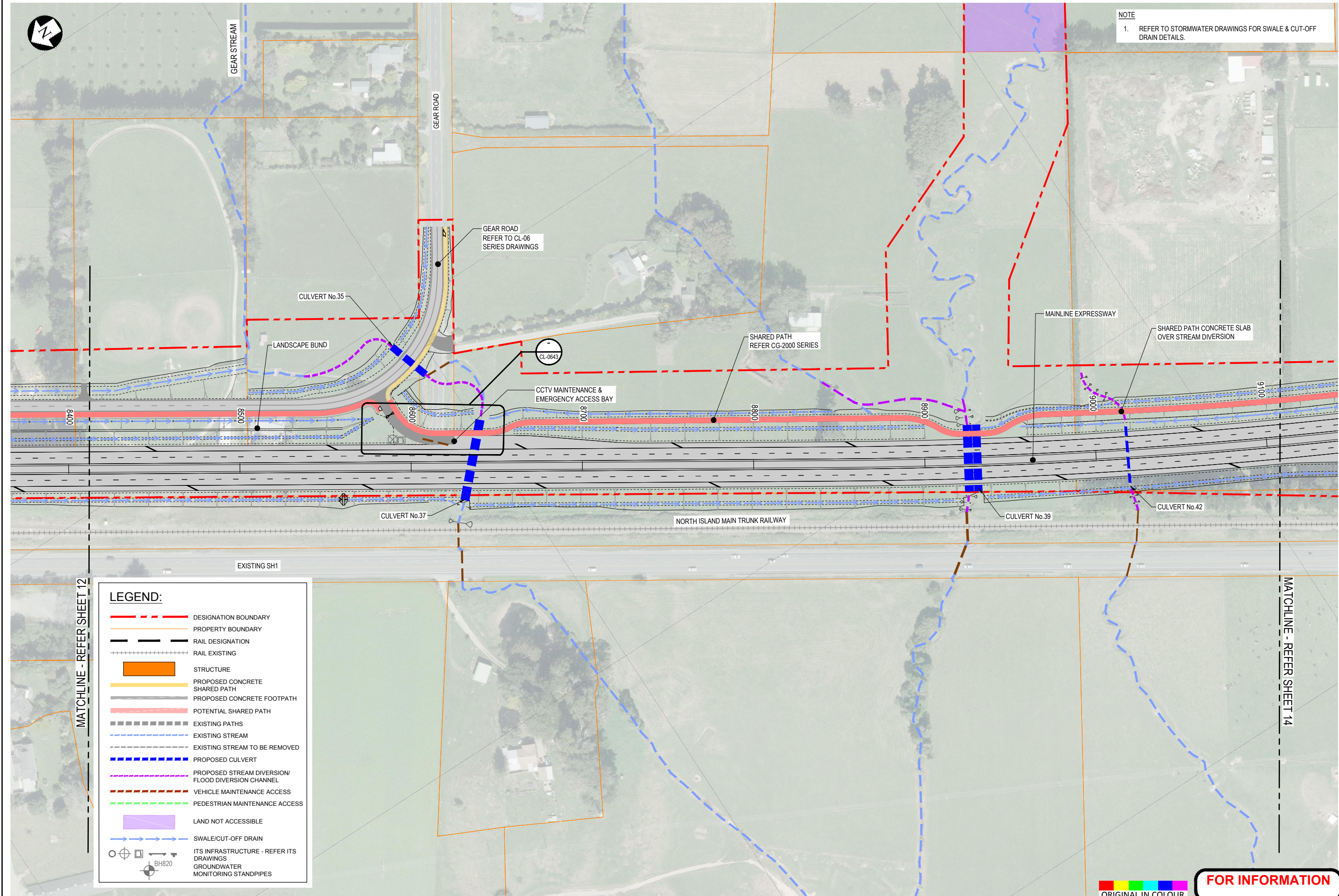
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Subject: GENERAL ARRANGEMENT Title: LAYOUT PLAN SHEET 12	Discipline: CIVIL Drawing No: PP20-DR-GN-1072 Rev: 1+
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Document No. R19000 - DESIGN DEVELOPMENT GENERAL/09 CAD/DRAWINGS/PP20-DR-GN-1072.DWG



NOTE
1. REFER TO STORMWATER DRAWINGS FOR SWALE & CUT-OFF DRAIN DETAILS.



LEGEND:

- DESIGNATION BOUNDARY
- PROPERTY BOUNDARY
- RAIL DESIGNATION
- RAIL EXISTING
- STRUCTURE
- PROPOSED CONCRETE SHARED PATH
- PROPOSED CONCRETE FOOTPATH
- POTENTIAL SHARED PATH
- EXISTING PATHS
- EXISTING STREAM
- EXISTING STREAM TO BE REMOVED
- PROPOSED CULVERT
- PROPOSED STREAM DIVERSION/ FLOOD DIVERSION CHANNEL
- VEHICLE MAINTENANCE ACCESS
- PEDESTRIAN MAINTENANCE ACCESS
- LAND NOT ACCESSIBLE
- SWALE/CUT-OFF DRAIN
- ITS INFRASTRUCTURE - REFER ITS DRAWINGS
GROUNDWATER MONITORING STANDPIPES

MATCHLINE - REFER SHEET 12

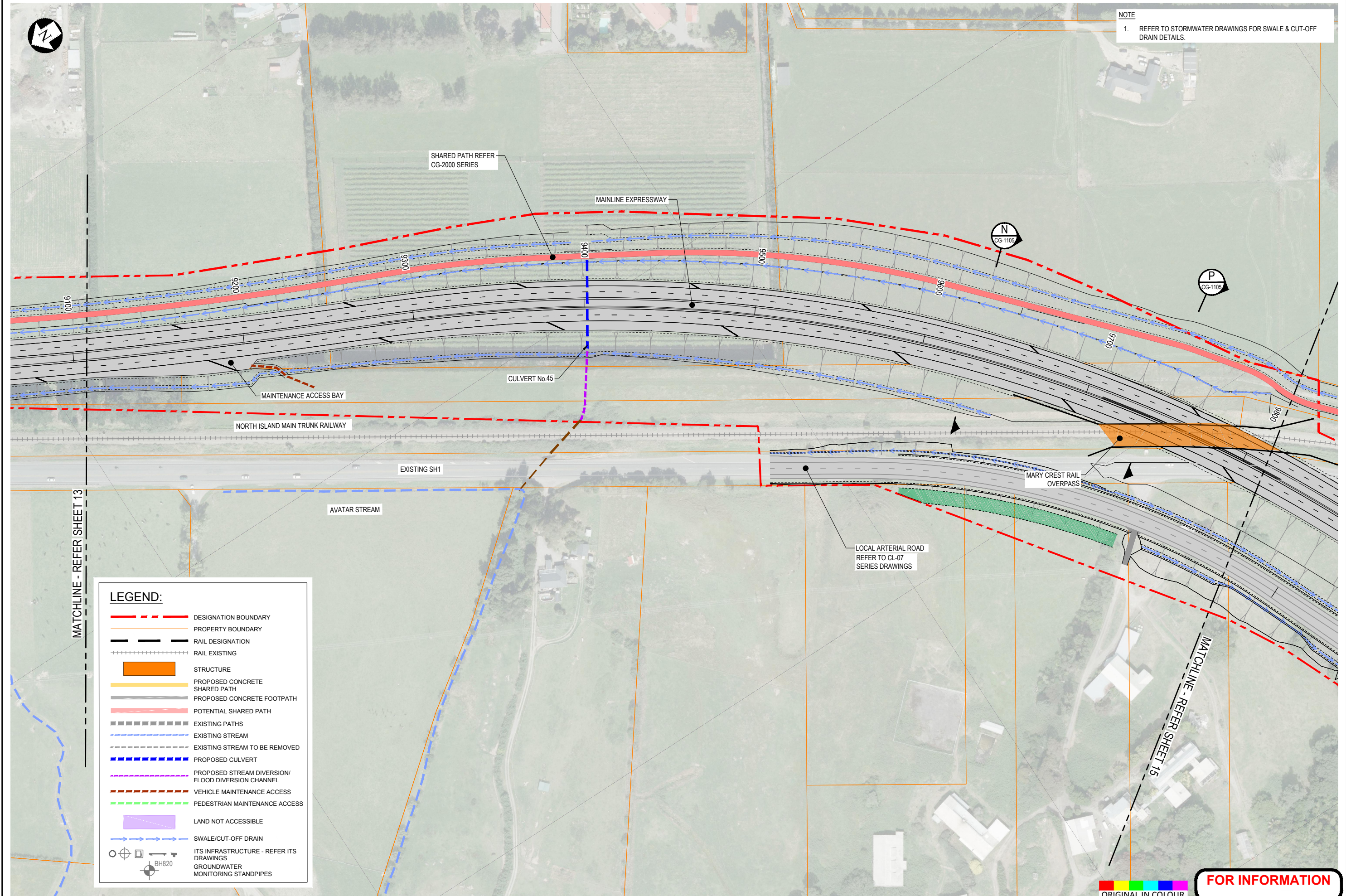
MATCHLINE - REFER SHEET 14

FOR INFORMATION

Peka Peka to Ōtaki Expressway

Subject: GENERAL ARRANGEMENT	Discipline: CIVIL	
Title: LAYOUT PLAN SHEET 13	Drawing No.: PP20-DR-GN-1073	Rev.: 1+

NOTE
1. REFER TO STORMWATER DRAWINGS FOR SWALE & CUT-OFF DRAIN DETAILS.



LEGEND:

- DESIGNATION BOUNDARY
- PROPERTY BOUNDARY
- RAIL DESIGNATION
- + + + + + RAIL EXISTING
- STRUCTURE
- PROPOSED CONCRETE SHARED PATH
- PROPOSED CONCRETE FOOTPATH
- POTENTIAL SHARED PATH
- EXISTING PATHS
- EXISTING STREAM
- EXISTING STREAM TO BE REMOVED
- PROPOSED CULVERT
- PROPOSED STREAM DIVERSION/ FLOOD DIVERSION CHANNEL
- VEHICLE MAINTENANCE ACCESS
- PEDESTRIAN MAINTENANCE ACCESS
- LAND NOT ACCESSIBLE
- SWALE/CUT-OFF DRAIN
- ⊕ ITS INFRASTRUCTURE - REFER ITS DRAWINGS
- ⊕ GROUNDWATER MONITORING STANDPIPES

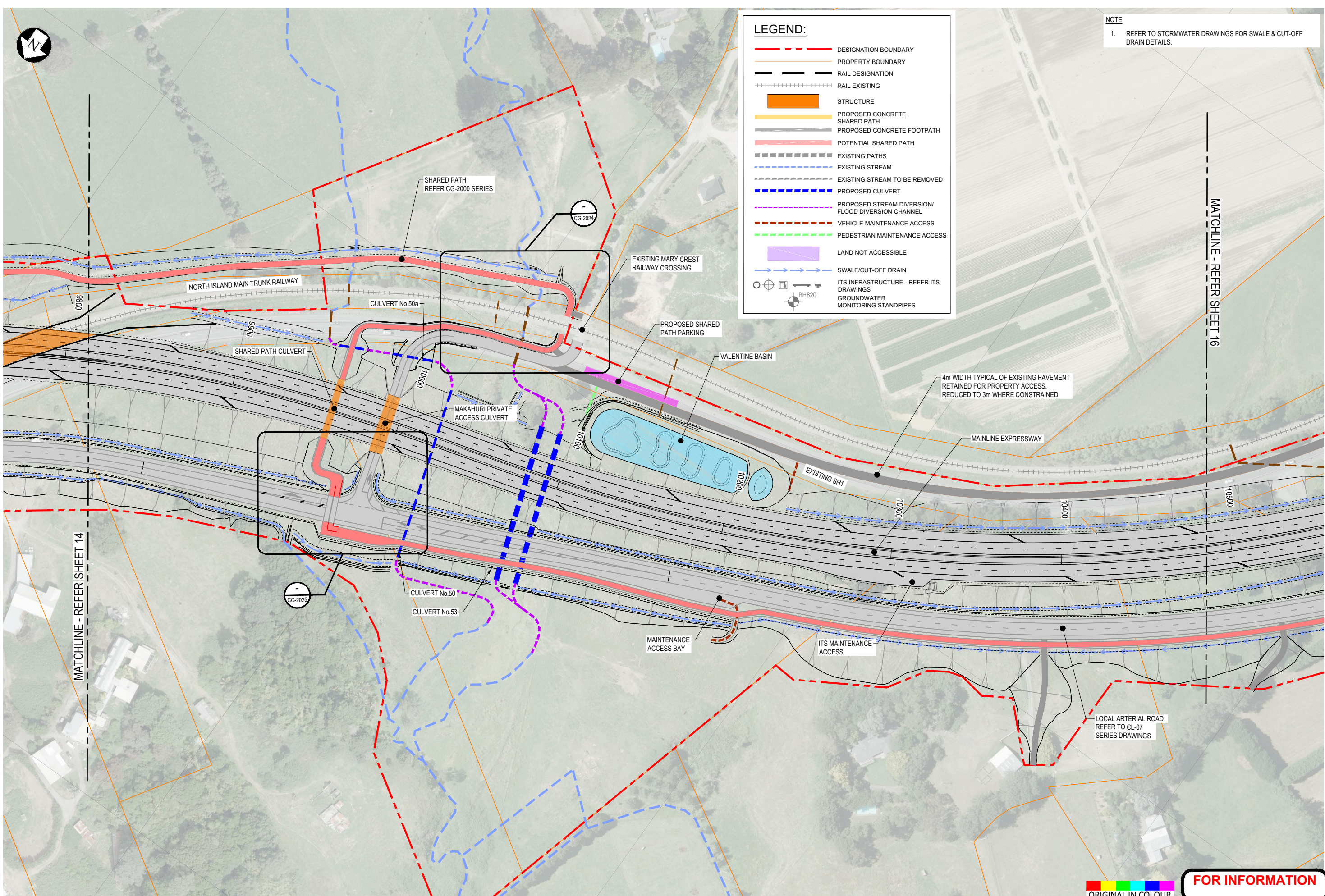
MATCHLINE - REFER SHEET 13

MATCHLINE - REFER SHEET 15

FOR INFORMATION

NZ TRANSPORT AGENCY WAIKAŌTIRI
Peka Peka to Otaki Expressway
Fletcher HIGGINS
BECA **TFT** **Tonkin+Taylor**

Subject:	GENERAL ARRANGEMENT	Discipline:	CIVIL
Title:	LAYOUT PLAN SHEET 14	Drawing No.:	PP20-DR-GN-1074
		Rev.:	1+



MATCHLINE - REFER SHEET 14

MATCHLINE - REFER SHEET 16




















FOR INFORMATION

ORIGINAL IN COLOUR

Subject:	GENERAL ARRANGEMENT	Discipline:	CIVIL
Title:	LAYOUT PLAN SHEET 15	Drawing No.:	PP20-DR-GN-1075
		Rev.:	1+

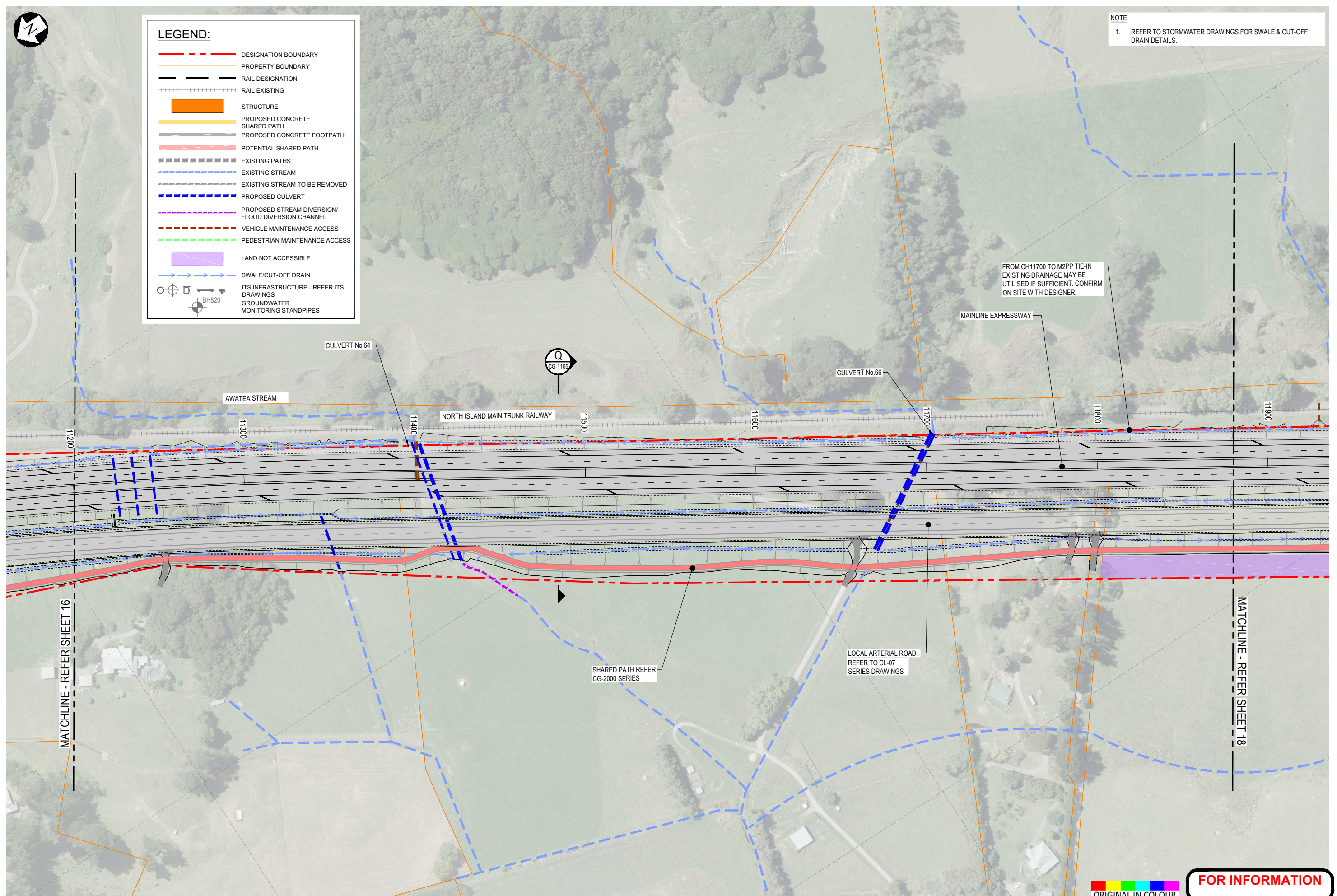


LEGEND:

-  DESIGNATION BOUNDARY
-  PROPERTY BOUNDARY
-  RAIL DESIGNATION
-  RAIL EXISTING
-  STRUCTURE
-  PROPOSED CONCRETE SHARED PATH
-  PROPOSED CONCRETE FOOTPATH
-  POTENTIAL SHARED PATH
-  EXISTING PATHS
-  EXISTING STREAM
-  EXISTING STREAM TO BE REMOVED
-  PROPOSED CULVERT
-  PROPOSED STREAM DIVERSION/ FLOOD DIVERSION CHANNEL
-  VEHICLE MAINTENANCE ACCESS
-  PEDESTRIAN MAINTENANCE ACCESS
-  LAND NOT ACCESSIBLE
-  SWALE/CUT-OFF DRAIN
-  ITS INFRASTRUCTURE - REFER ITS DRAWINGS
-  GROUNDWATER MONITORING STANDPIPES

NOTE

1. REFER TO STORMWATER DRAWINGS FOR SWALE & CUT-OFF DRAIN DETAILS.



ORIGINAL IN COLOUR

FOR INFORMATION



Peka Peka to Ōtaki Expressway



Subject:	GENERAL ARRANGEMENT	Discipline:	CIVIL
Title:	LAYOUT PLAN SHEET 17	Drawing No.:	PP20-DR-GN-1077
		Rev.:	1+

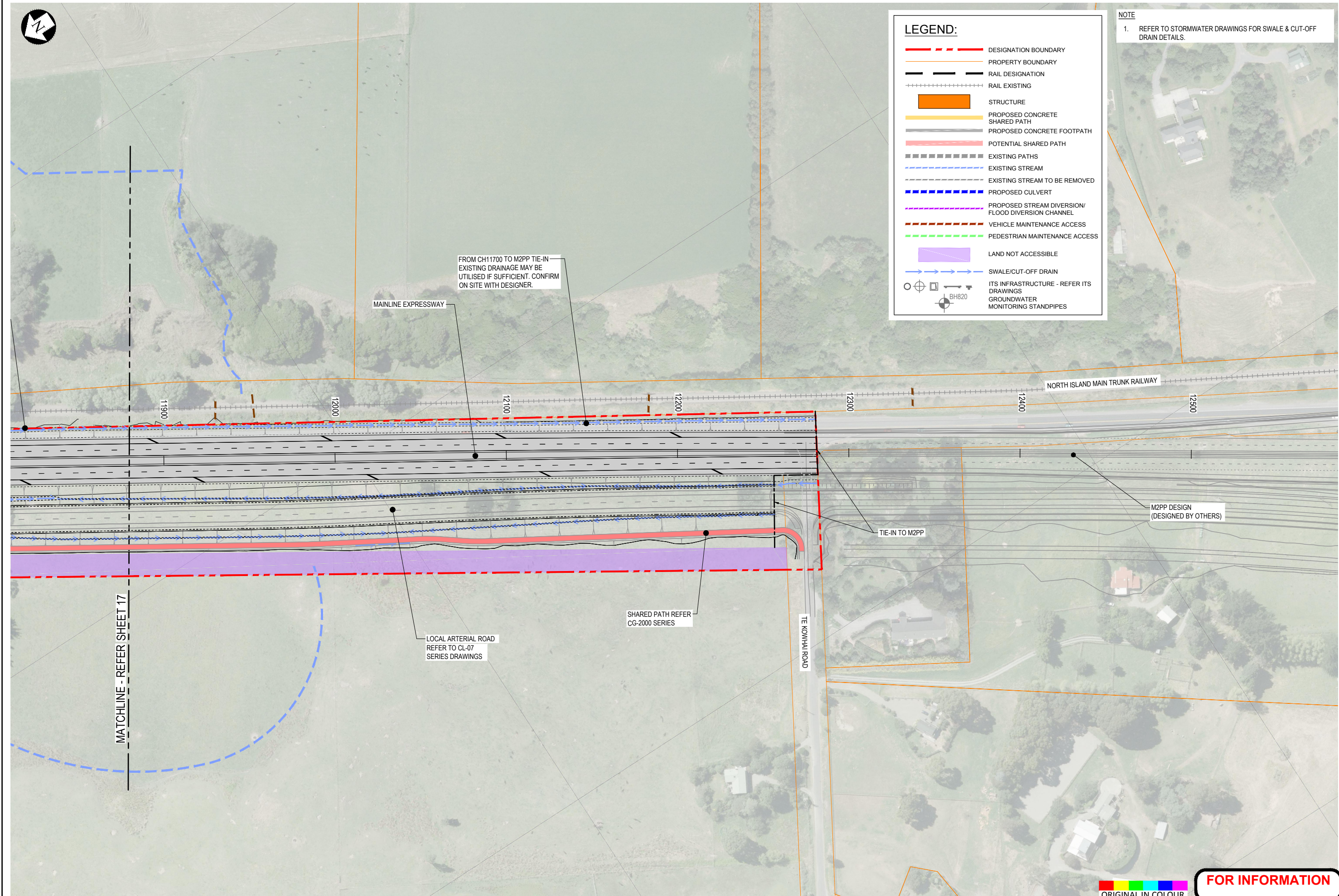


LEGEND:

- DESIGNATION BOUNDARY
- PROPERTY BOUNDARY
- RAIL DESIGNATION
- RAIL EXISTING
- STRUCTURE
- PROPOSED CONCRETE SHARED PATH
- PROPOSED CONCRETE FOOTPATH
- POTENTIAL SHARED PATH
- EXISTING PATHS
- EXISTING STREAM
- EXISTING STREAM TO BE REMOVED
- PROPOSED CULVERT
- PROPOSED STREAM DIVERSION/ FLOOD DIVERSION CHANNEL
- VEHICLE MAINTENANCE ACCESS
- PEDESTRIAN MAINTENANCE ACCESS
- LAND NOT ACCESSIBLE
- SWALE/CUT-OFF DRAIN
- ITS INFRASTRUCTURE - REFER ITS DRAWINGS
- GROUNDWATER MONITORING STANDPIPES

NOTE

1. REFER TO STORMWATER DRAWINGS FOR SWALE & CUT-OFF DRAIN DETAILS.



FROM CH11700 TO M2PP TIE-IN
EXISTING DRAINAGE MAY BE
UTILISED IF SUFFICIENT. CONFIRM
ON SITE WITH DESIGNER.

MAINLINE EXPRESSWAY

NORTH ISLAND MAIN TRUNK RAILWAY

M2PP DESIGN
(DESIGNED BY OTHERS)

TIE-IN TO M2PP

SHARED PATH REFER
CG-2000 SERIES

LOCAL ARTERIAL ROAD
REFER TO CL-07
SERIES DRAWINGS

TE KOWHAI ROAD

MATCHLINE - REFER SHEET 17

ORIGINAL IN COLOUR

FOR INFORMATION



Peka Peka to Otaki Expressway



Subject:	GENERAL ARRANGEMENT	Discipline:	CIVIL
Title:	LAYOUT PLAN SHEET 18	Drawing No.:	PP20-DR-GN-1078
		Rev.:	1+