





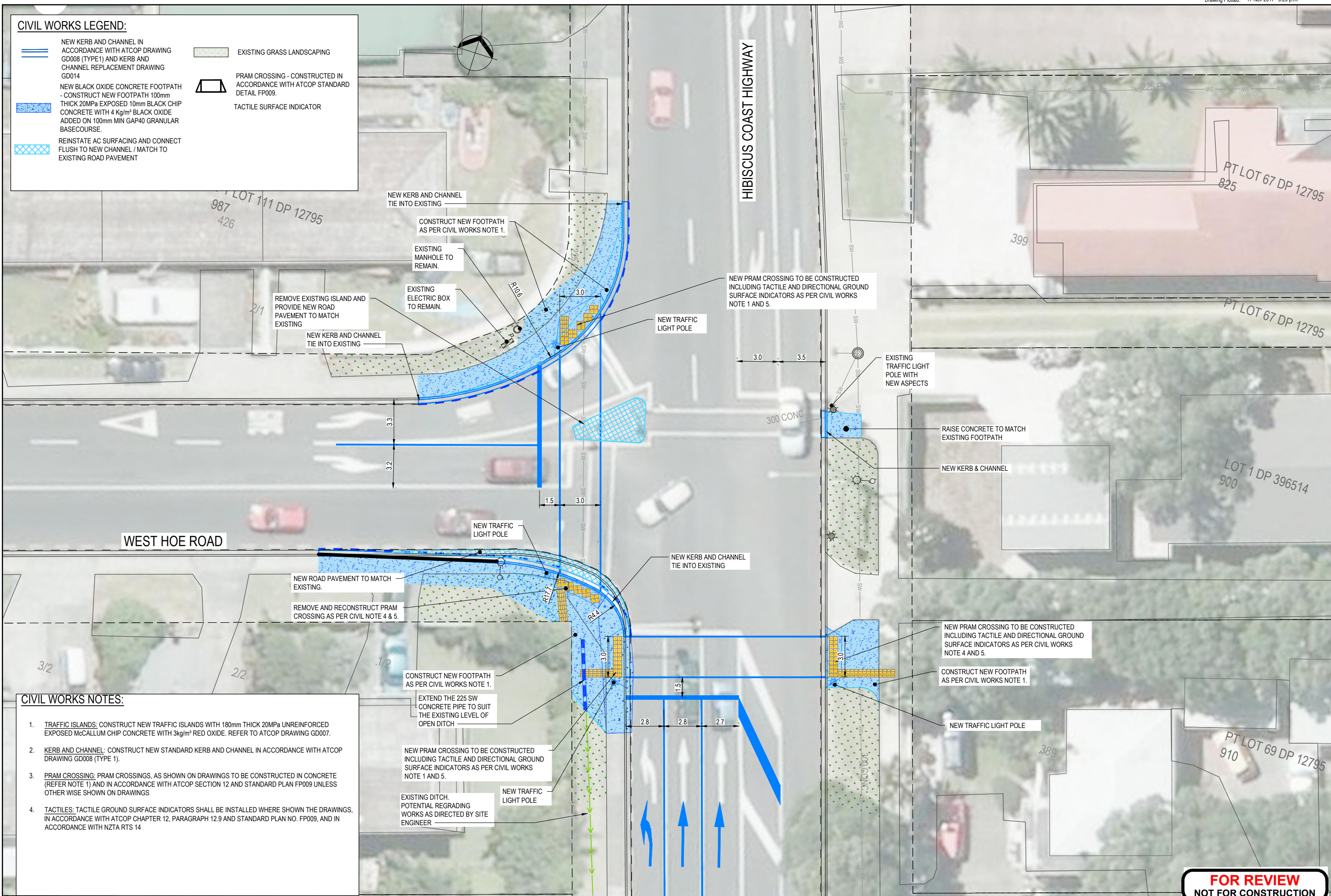


**CIVIL WORKS LEGEND:**

-  NEW KERB AND CHANNEL IN ACCORDANCE WITH ATCOP DRAWING GD008 (TYPE1) AND KERB AND CHANNEL REPLACEMENT DRAWING GD014
-  NEW BLACK OXIDE CONCRETE FOOTPATH - CONSTRUCT NEW FOOTPATH 100mm THICK 20MPa EXPOSED 10mm BLACK CHIP CONCRETE WITH 4 Kg/m<sup>2</sup> BLACK OXIDE ADDED ON 100mm MIN GAP40 GRANULAR BASECOURSE.
-  REINSTATE AC SURFACING AND CONNECT FLUSH TO NEW CHANNEL / MATCH TO EXISTING ROAD PAVEMENT
-  EXISTING GRASS LANDSCAPING
-  PRAM CROSSING - CONSTRUCTED IN ACCORDANCE WITH ATCOP STANDARD DETAIL FP009.
-  TACTILE SURFACE INDICATOR



**CIVIL WORKS NOTES:**

1. **TRAFFIC ISLANDS:** CONSTRUCT NEW TRAFFIC ISLANDS WITH 180mm THICK 20MPa UNREINFORCED EXPOSED McALLUM CHIP CONCRETE WITH 3kg/m<sup>2</sup> RED OXIDE. REFER TO ATCOP DRAWING GD007.
2. **KERB AND CHANNEL:** CONSTRUCT NEW STANDARD KERB AND CHANNEL IN ACCORDANCE WITH ATCOP DRAWING GD008 (TYPE 1).
3. **PRAM CROSSING:** PRAM CROSSINGS, AS SHOWN ON DRAWINGS TO BE CONSTRUCTED IN CONCRETE (REFER NOTE 1) AND IN ACCORDANCE WITH ATCOP SECTION 12 AND STANDARD PLAN FP009 UNLESS OTHERWISE SHOWN ON DRAWINGS
4. **TACTILES:** TACTILE GROUND SURFACE INDICATORS SHALL BE INSTALLED WHERE SHOWN THE DRAWINGS, IN ACCORDANCE WITH ATCOP CHAPTER 12, PARAGRAPH 12.9 AND STANDARD PLAN NO. FP009, AND IN ACCORDANCE WITH NZTA RTS 14

NEW KERB AND CHANNEL TIE INTO EXISTING

CONSTRUCT NEW FOOTPATH AS PER CIVIL WORKS NOTE 1.

EXISTING MANHOLE TO REMAIN.

EXISTING ELECTRIC BOX TO REMAIN.

REMOVE EXISTING ISLAND AND PROVIDE NEW ROAD PAVEMENT TO MATCH EXISTING

NEW KERB AND CHANNEL TIE INTO EXISTING

NEW TRAFFIC LIGHT POLE

NEW PRAM CROSSING TO BE CONSTRUCTED INCLUDING TACTILE AND DIRECTIONAL GROUND SURFACE INDICATORS AS PER CIVIL WORKS NOTE 1 AND 5.

EXISTING TRAFFIC LIGHT POLE WITH NEW ASPECTS

RAISE CONCRETE TO MATCH EXISTING FOOTPATH

NEW KERB & CHANNEL

NEW TRAFFIC LIGHT POLE

NEW KERB AND CHANNEL TIE INTO EXISTING

NEW ROAD PAVEMENT TO MATCH EXISTING.

REMOVE AND RECONSTRUCT PRAM CROSSING AS PER CIVIL NOTE 4 & 5.

CONSTRUCT NEW FOOTPATH AS PER CIVIL WORKS NOTE 1.

EXTEND THE 225 SW CONCRETE PIPE TO SUIT THE EXISTING LEVEL OF OPEN DITCH


NEW PRAM CROSSING TO BE CONSTRUCTED INCLUDING TACTILE AND DIRECTIONAL GROUND SURFACE INDICATORS AS PER CIVIL WORKS NOTE 1 AND 5.

EXISTING DITCH. POTENTIAL REGRADING WORKS AS DIRECTED BY SITE ENGINEER

NEW TRAFFIC LIGHT POLE

**FOR REVIEW**  
**NOT FOR CONSTRUCTION**

No.	Revision	By	Chk.	Appd.	Date
A	DRAFT DETAILED DESIGN	SM	MA	FR	17.11.17

Drawing Originator:			
Original Scale (A1)	Design	SM	17.11.17
1:125	Drawn	SM	17.11.17
Reduced Scale (A3)	Design Verifier	MA	17.11.17
1:250	Design Check	MA	17.11.17
* Refer to Revision 1 for Original Signature			

Client:  Auckland Transport  
An Auckland Council Organisation

Project: TTEPS SAFER COMMUNITIES  
WEST HOE RD / HIBISCUS COAST HWY  
INTERSECTION

Title: CIVIL WORKS  
PLAN

Discipline	CIVIL ENGINEERING
Drawing No.	3810136-030-CA-0311
Rev.	A