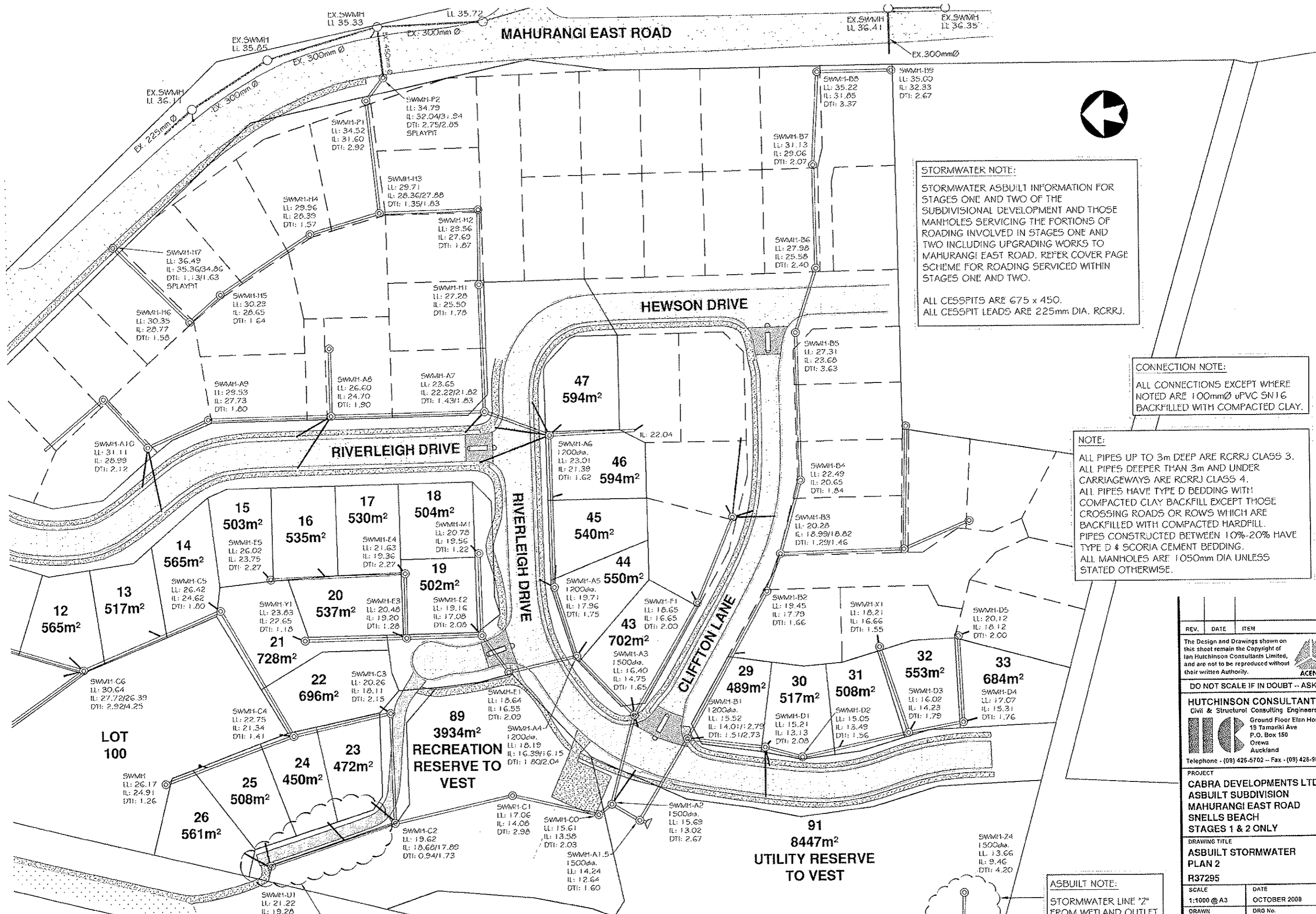




NOTE:
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ALL AREAS SUBJECT TO FINAL SURVEY

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PROJECT CABRA DEVELOPMENTS LTD ASBUILT SUBDIVISION MAHURANGI EAST ROAD SNELLS BEACH STAGES 1 & 2 ONLY		
DRAWING TITLE AS BUILT CONTOUR PLAN		
R37295		
SCALE	DATE	
1:1500 @ A3	OCTOBER 2008	
DRAWN	DRG No.	
COLIN DRYLAND (021) 565 619 colin@hc.co.nz	A3 - 9320 AB stg2/03	



STORMWATER NOTE:
 STORMWATER ASBUILT INFORMATION FOR STAGES ONE AND TWO OF THE SUBDIVISIONAL DEVELOPMENT AND THOSE MANHOLES SERVICING THE PORTIONS OF ROADING INVOLVED IN STAGES ONE AND TWO INCLUDING UPGRADING WORKS TO MAHURANGI EAST ROAD. REFER COVER PAGE SCHEME FOR ROADING SERVICED WITHIN STAGES ONE AND TWO.

ALL CESSPITS ARE 675 x 450.
 ALL CESSPIT LEADS ARE 225mm DIA. RCRRJ.

CONNECTION NOTE:
 ALL CONNECTIONS EXCEPT WHERE NOTED ARE 100mmØ uPVC SNI 6 BACKFILLED WITH COMPACTED CLAY.

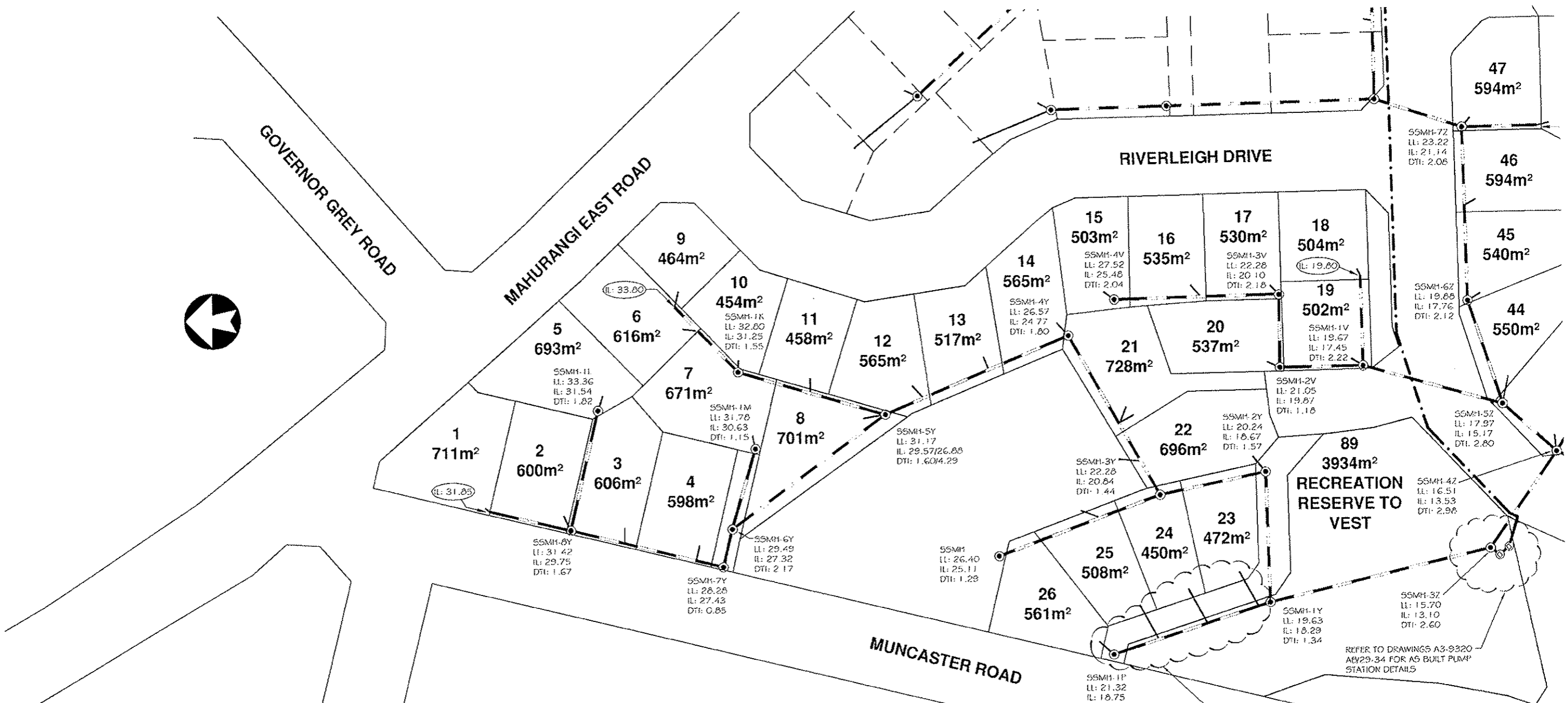
NOTE:
 ALL PIPES UP TO 3m DEEP ARE RCRRJ CLASS 3.
 ALL PIPES DEEPER THAN 3m AND UNDER CARRIAGEWAYS ARE RCRRJ CLASS 4.
 ALL PIPES HAVE TYPE D BEDDING WITH COMPACTED CLAY BACKFILL EXCEPT THOSE CROSSING ROADS OR ROWS WHICH ARE BACKFILLED WITH COMPACTED HARDFILL.
 PIPES CONSTRUCTED BETWEEN 10%-20% HAVE TYPE D # SCORIA CEMENT BEDDING.
 ALL MANHOLES ARE 1050mm DIA UNLESS STATED OTHERWISE.

ASBUILT NOTE:
 STORMWATER LINE "2" FROM WETLAND OUTLET IS SHOWN ON ASBUILT WETLAND DRAWINGS

NOTE:
 ALL LEVELS RELATE TO L & S DATUM.
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AS BUILT 150mmØ uPVC CONNECTIONS CROSSING R.O.W. BACKFILLED WITH HARDFILL

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PROJECT CABRA DEVELOPMENTS LTD ASBUILT SUBDIVISION MAHURANGI EAST ROAD SNELLS BEACH STAGES 1 & 2 ONLY		
DRAWING TITLE ASBUILT STORMWATER PLAN 2		
R37295		
SCALE	DATE	
1:1000 @ A3	OCTOBER 2008	
DRAWN	DRG No.	
C. DRYLAND (021) 565 619 colin@hc.co.nz	A3 - 9320 AB stg2/15	



NOTE:
ALL LEVELS RELATE TO L & S DATUM.
ALL AREAS SUBJECT TO FINAL SURVEY

ASBUILT NOTE:
ALL INFORMATION SHOWN IS FOR STAGES ONE & TWO ONLY. ASBUILT DATA FOR FURTHER STAGES TO BE PROVIDED AT A LATER DATE.

CONNECTION NOTE:
ALL CONNECTIONS EXCEPT WHERE NOTED ARE 100mmØ uPVC SNI 6 BACKFILLED WITH COMPACTED CLAY.

NOTE:
ALL PIPES ARE 150mmØ uPVC CLASS SNI 6, TYPE D BEDDING WITH COMPACTED CLAY BACKFILL.
ALL PIPES CROSSING ROAD OR ROWS ARE BACKFILLED WITH COMPACTED HARDFILL.
PIPES CONSTRUCTED BETWEEN 10%-20% HAVE TYPE D & SCORIA CEMENT BEDDING.
ALL SANITARY SEWER MANHOLES ARE 1050mmØ.

AS BUILT 150mmØ uPVC CONNECTIONS CROSSING R.O.W. BACKFILLED WITH HARDFILL

REFER TO DRAWINGS A3-9320 A&V29-34 FOR AS BUILT PUMP STATION DETAILS

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PROJECT CABRA DEVELOPMENTS LTD ASBUILT SUBDIVISION MAHURANGI EAST ROAD SNELLS BEACH STAGES 1 & 2 ONLY		
DRAWING TITLE ASBUILT SANITARY SEWER PLAN 1 R37295		
SCALE	DATE	
1:1000 @ A3	OCTOBER 2008	
DRAWN	DRG No.	
C. DRYLAND (021) 565 619 colin@hc.co.nz	A3 - 9320 AB stg2/18	

EXISTING RISING MAIN

EX.55MH A
LL 39.14
IL 37.74
DTI: 1.40

MAHURANGI EAST ROAD

HEWSON DRIVE

RIVERLEIGH DRIVE

CLIFFTON LANE

PARKDALE CLOSE

89
3934m²
RECREATION RESERVE TO VEST

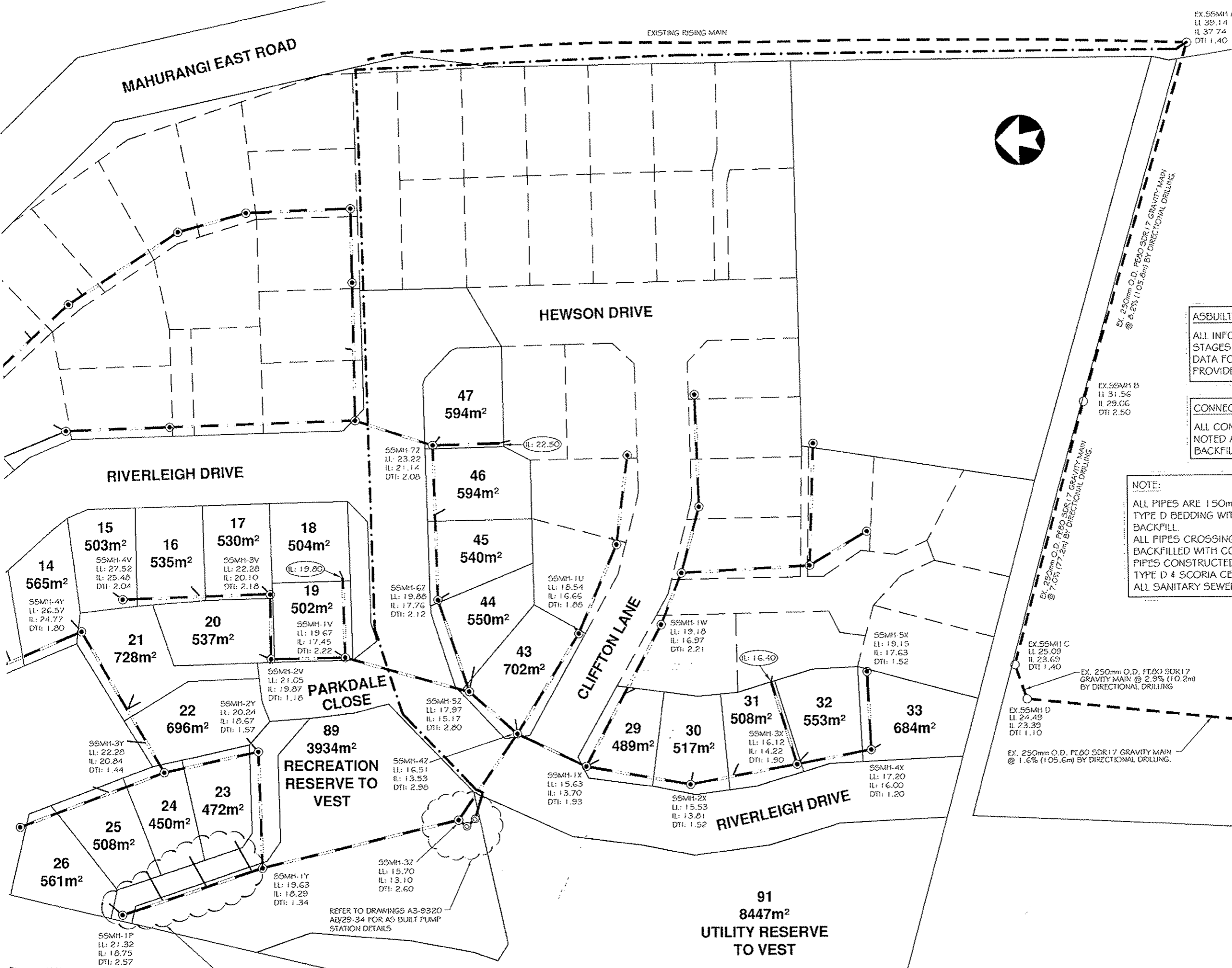
91
8447m²
UTILITY RESERVE TO VEST



ASBUILT NOTE:
ALL INFORMATION SHOWN IS FOR STAGES ONE & TWO ONLY. ASBUILT DATA FOR FURTHER STAGES TO BE PROVIDED AT A LATER DATE.

CONNECTION NOTE:
ALL CONNECTIONS EXCEPT WHERE NOTED ARE 100mmØ uPVC SN16 BACKFILLED WITH COMPACTED CLAY.


NOTE:
ALL PIPES ARE 150mmØ uPVC CLASS SN16, TYPE D BEDDING WITH COMPACTED CLAY BACKFILL.
ALL PIPES CROSSING ROAD OR ROWS ARE BACKFILLED WITH COMPACTED HARDFILL.
PIPES CONSTRUCTED BETWEEN 10%-20% HAVE TYPE D & SCORIA CEMENT BEDDING.
ALL SANITARY SEWER MANHOLES ARE 1050mmØ.



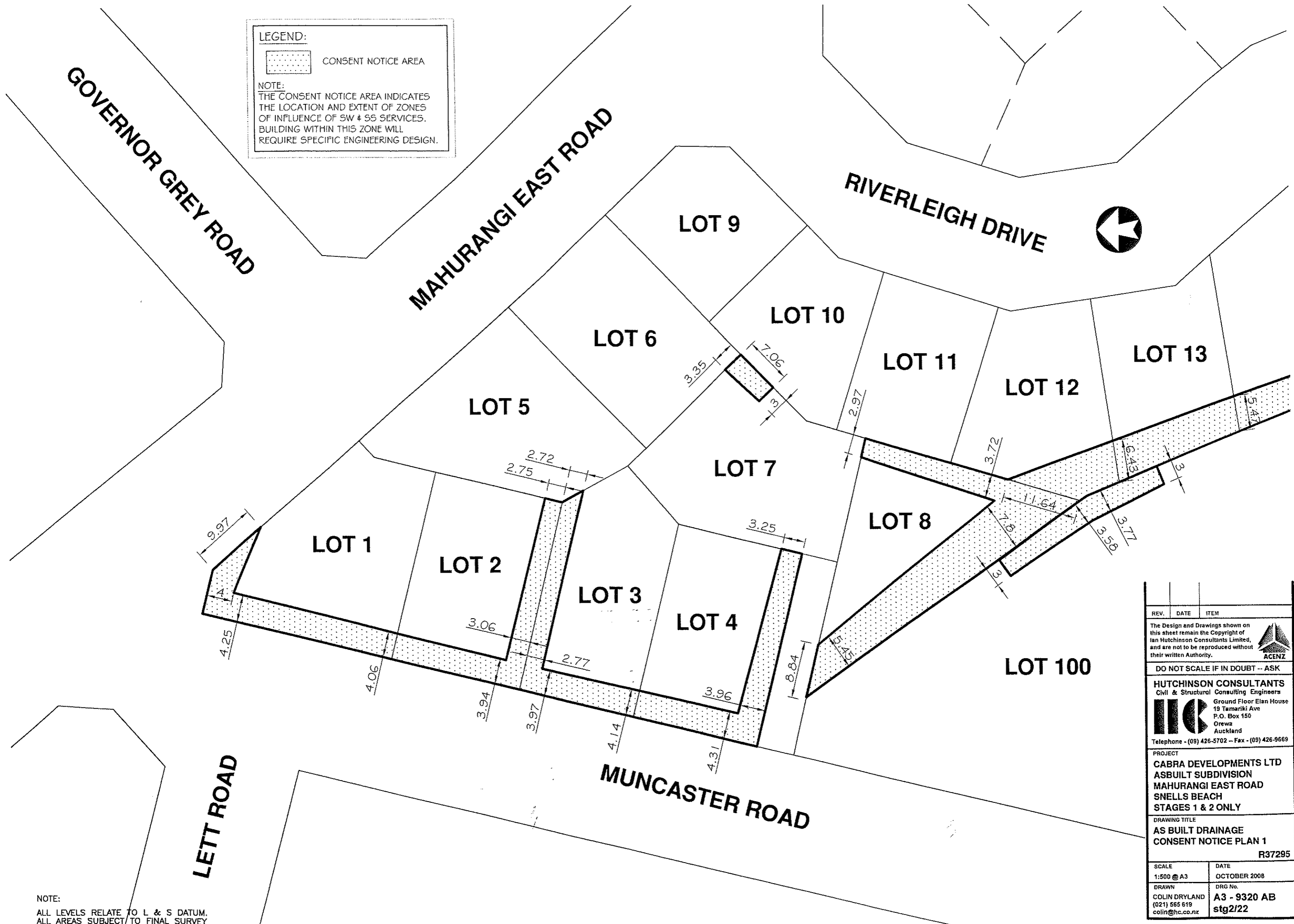
NOTE:
ALL LEVELS RELATE TO L & S DATUM.
ALL AREAS SUBJECT TO FINAL SURVEY
AS BUILT 150mmØ uPVC CONNECTIONS CROSSING R.O.W. BACKFILLED WITH HARDFILL

REFER TO DRAWINGS A3-9320-AB/29-34 FOR AS BUILT PUMP STATION DETAILS

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PROJECT CABRA DEVELOPMENTS LTD ASBUILT SUBDIVISION MAHURANGI EAST ROAD SNELLS BEACH STAGES 1 & 2 ONLY		
DRAWING TITLE ASBUILT SANITARY SEWER PLAN 2 R37295		
SCALE	DATE	
1:1000 @ A3	OCTOBER 2008	
DRAWN	DRG No.	
C. DRYLAND (021) 565 619 colin@hc.co.nz	A3 - 9320 AB stg2/19	

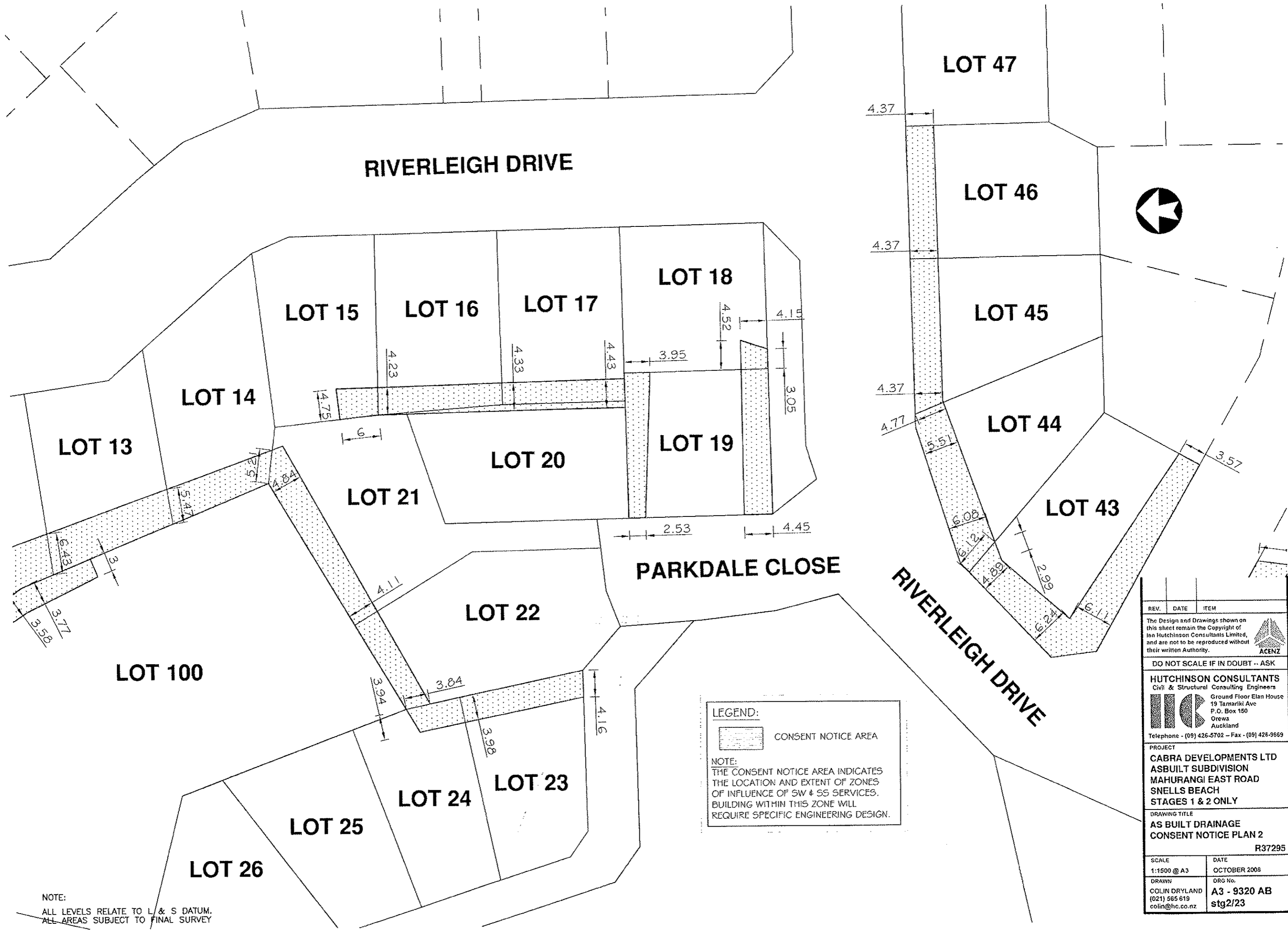
LEGEND:
 CONSENT NOTICE AREA

NOTE:
 THE CONSENT NOTICE AREA INDICATES THE LOCATION AND EXTENT OF ZONES OF INFLUENCE OF SW & SS SERVICES. BUILDING WITHIN THIS ZONE WILL REQUIRE SPECIFIC ENGINEERING DESIGN.




NOTE:
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<p>PROJECT CABRA DEVELOPMENTS LTD ASBUILT SUBDIVISION MAHURANGI EAST ROAD SNELLS BEACH STAGES 1 & 2 ONLY</p>		
<p>DRAWING TITLE AS BUILT DRAINAGE CONSENT NOTICE PLAN 1 R37295</p>		
SCALE	DATE	
1:500 @ A3	OCTOBER 2008	
DRAWN	DRG No.	
COLIN DRYLAND (021) 565 619 colin@hc.co.nz	A3 - 9320 AB stg2/22	

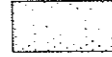


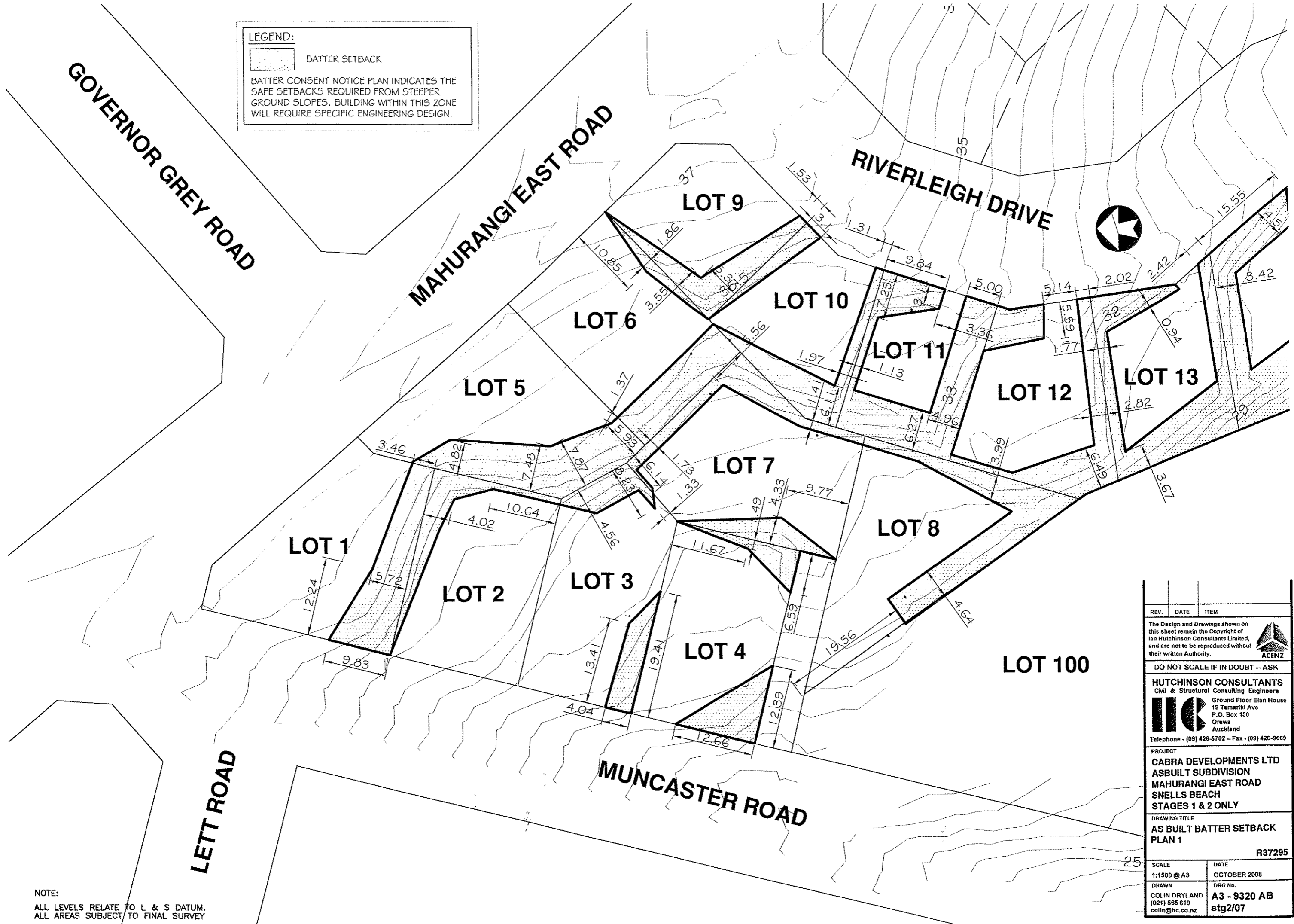
NOTE:
ALL LEVELS RELATE TO L & S DATUM.
ALL AREAS SUBJECT TO FINAL SURVEY

LEGEND:
 CONSENT NOTICE AREA

NOTE:
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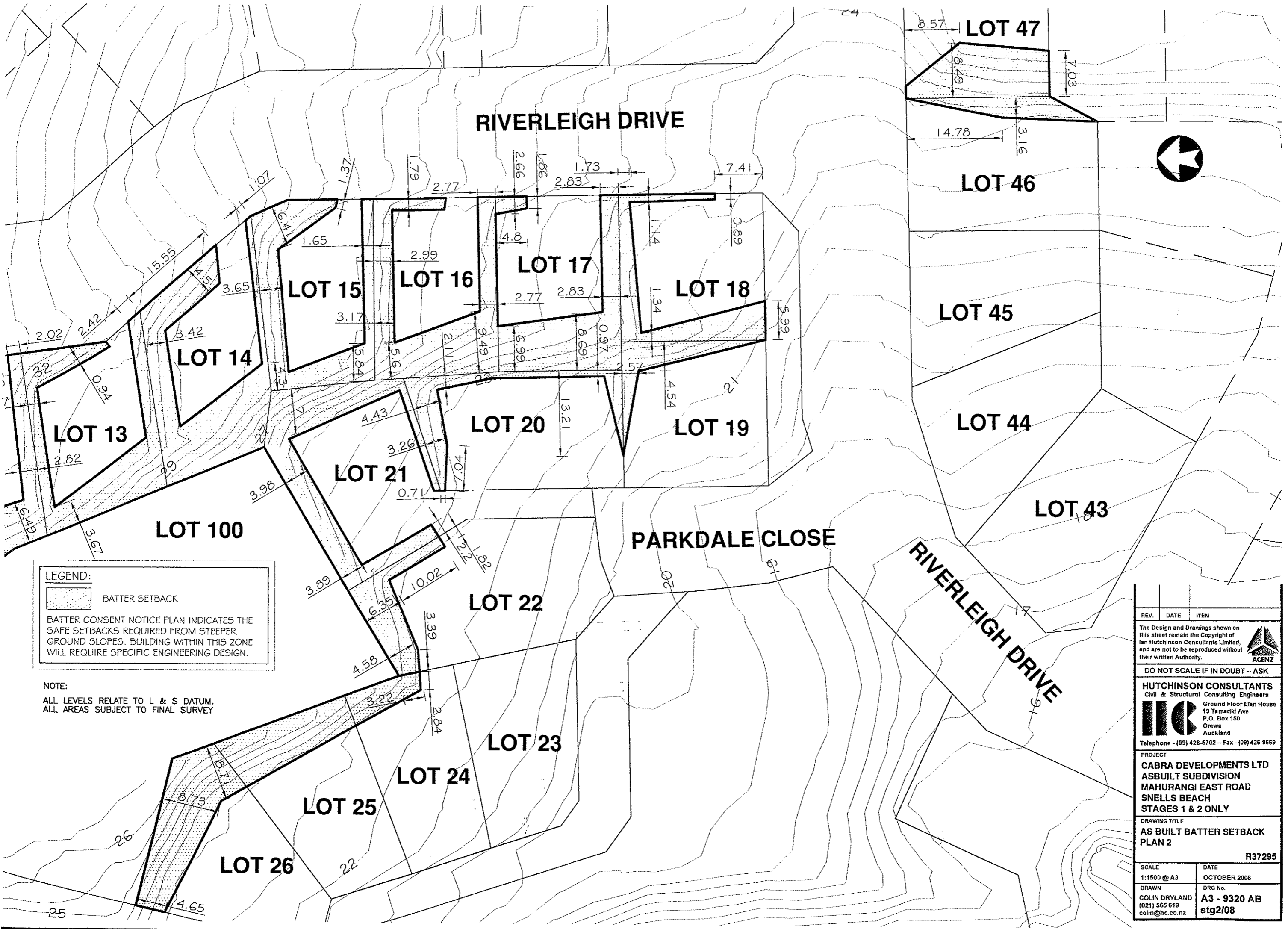
REV.	DATE	ITEM
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PROJECT CABRA DEVELOPMENTS LTD ASBUILT SUBDIVISION MAHURANGI EAST ROAD SNELLS BEACH STAGES 1 & 2 ONLY		
DRAWING TITLE AS BUILT DRAINAGE CONSENT NOTICE PLAN 2 R37295		
SCALE	DATE	
1:1500 @ A3	OCTOBER 2008	
DRAWN	ORG No.	
COLIN DRYLAND (021) 565 619 colin@hc.co.nz	A3 - 9320 AB stg2/23	

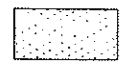
LEGEND:
 **BATTER SETBACK**
 BATTER CONSENT NOTICE PLAN INDICATES THE SAFE SETBACKS REQUIRED FROM STEEPER GROUND SLOPES. BUILDING WITHIN THIS ZONE WILL REQUIRE SPECIFIC ENGINEERING DESIGN.



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PROJECT CABRA DEVELOPMENTS LTD ASBUILT SUBDIVISION MAHURANGI EAST ROAD SNELLS BEACH STAGES 1 & 2 ONLY		
DRAWING TITLE AS BUILT BATTER SETBACK PLAN 1		
R37295		
SCALE	DATE	
1:1500 @ A3	OCTOBER 2008	
DRAWN	DRG No.	
COLIN DRYLAND (021) 585 619 colin@hc.co.nz	A3 - 9320 AB stg2/07	




LEGEND:
 BATTER SETBACK
 BATTER CONSENT NOTICE PLAN INDICATES THE SAFE SETBACKS REQUIRED FROM STEEPER GROUND SLOPES. BUILDING WITHIN THIS ZONE WILL REQUIRE SPECIFIC ENGINEERING DESIGN.

NOTE:
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<p>PROJECT CABRA DEVELOPMENTS LTD ASBUILT SUBDIVISION MAHURANGI EAST ROAD SNELLS BEACH STAGES 1 & 2 ONLY</p>		
<p>DRAWING TITLE AS BUILT BATTER SETBACK PLAN 2</p>		
R37295		
SCALE	DATE	
1:1500 @ A3	OCTOBER 2008	
DRAWN	DRG No.	
COLIN DRYLAND (021) 565 619 colin@hc.co.nz	A3 - 9320 AB stg2/08	



LEGEND:

 BATTER SETBACK

BATTER CONSENT NOTICE PLAN INDICATES THE SAFE SETBACKS REQUIRED FROM STEEPER GROUND SLOPES. BUILDING WITHIN THIS ZONE WILL REQUIRE SPECIFIC ENGINEERING DESIGN.



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<p>PROJECT CABRA DEVELOPMENTS LTD ASBUILT SUBDIVISION MAHURANGI EAST ROAD SNELLS BEACH STAGES 1 & 2 ONLY</p>		
<p>DRAWING TITLE AS BUILT BATTER SETBACK PLAN 3</p> <p style="text-align: right;">R37295</p>		
SCALE	DATE	
1:1500 @ A3	OCTOBER 2008	
DRAWN	DRG No.	
COLIN DRYLAND (021) 565 619 colin@hc.co.nz	A3 - 9320 AB stg2/09	