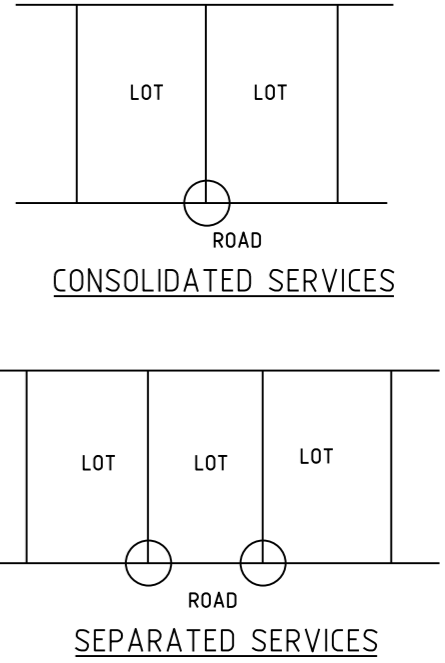


SERVICES	SERVICE CONNECTION		CONSUMER GUIDELINE	
	COVER DEPTH	TYPICAL MATERIALS AND DIAMETER	COVER DEPTH	TYPICAL MATERIALS AND DIAMETER
GAS	600mm	YELLOW PIPE OR YELLOW STRIPED PIPE	PE/PVC 450mm COPPER 300mm	20mm YELLOW PE OR PVC OR COPPER
ELECTRICITY	850mm	ORANGE PIPE OR ORANGE STRIPED PE PIPE OR ORANGE TAPE OVER BARE CABLE.	600mm Min.	11/18 mm DIA BLACK/ORANGE PVC CABLE (TYPICALLY IN 40/50 mm DIA ORANGE CONDUIT)
TELECOMMUNICATIONS	600mm	WHITE PIPE OR WHITE STRIPED BLACK PE PIPE	300 Min.	WHITE PIPE OR WHITE STRIPED BLACK PE PIPE
DRINKING WATER	600mm	20mm COPPER, DN25 OR DN32 BLUE STRIPED PE	<u>450</u> TO 500mm	20mm COPPER OR DN25 BLUE STRIPED PE
NON DRINKING WATER	600mm	DN25 OR DN32 FULL COLOUR LILAC PE	<u>500</u> TO 550mm	20mm COPPER OR DN25 FULL COLOUR LILAC PE.
SEWERAGE	600mm	150/200 mm PVC	900mm	100mm PVC



NOTE: UNDERLINED DEPTH IS PREFERRED DEPTH.

INSTALLERS TO FOLLOW SEPARATION REQUIREMENTS DETAILED IN AS3000.

WATER SERVICE LOCATIONS - PREFERRED ARRANGEMENTS TABLE

THE FOLLOWING WATER SERVICE LOCATION ARRANGEMENTS ARE TO BE CONSIDERED BY THE DESIGN ENGINEER FOR ALL FLAT GREENFIELD AND REDEVELOPMENT SITES.

- SHEET 1 OF 10 TYPICAL LOT ENTRY ARRANGEMENTS. INDEX AND SERVICE DEPTHS.
- SHEET 2 OF 10 TYPICAL LOT ENTRY ARRANGEMENT - CONSOLIDATED DUAL SHALLOW SEWER - CONNECTION OFF INSPECTION OPENING (I.O.)
- SHEET 3 OF 10 TYPICAL LOT ENTRY ARRANGEMENT - CONSOLIDATED DUAL DEEP SEWER - CONNECTION TO INSPECTION SHAFT (I.S.)
- SHEET 4 OF 10 TYPICAL LOT ENTRY ARRANGEMENT - DUAL - NO WATER NO GAS SHALLOW SEWER - CONNECTION OFF INSPECTION OPENING (I.O.)
- SHEET 5 OF 10 TYPICAL LOT ENTRY ARRANGEMENT - DUAL - NO WATER NO GAS DEEP SEWER - CONNECTION TO INSPECTION SHAFT (I.S.)
- SHEET 6 OF 10 TYPICAL LOT ENTRY ARRANGEMENT. DUAL ENTRY WITH POWER AND WATER SEPARATED
- SHEET 7 OF 10 TYPICAL LOT ENTRY ARRANGEMENT DUAL ENTRY - NO SEWER
- SHEET 8 OF 10 TYPICAL LOT ENTRY ARRANGEMENT - SHALLOW SEWER DUAL ENTRY WITH POWER AND SEWER SEPARATED.
- SHEET 9 OF 10 TYPICAL LOT ENTRY ARRANGEMENT - DEEP SEWER DUAL ENTRY WITH POWER AND SEWER SEPARATED.
- SHEET 10 OF 10 TYPICAL LOT ENTRY ARRANGEMENT - FRONT RETAINING WALLS LESS THAN 1.1m IN HEIGHT - SINGLE DN20 SERVICE.

PROPERTIES WITH ROAD FRONTAGES UP TO 6.5m IN WIDTH.	PROPERTIES WITH ROAD FRONTAGES UP TO 12m IN WIDTH.	PROPERTIES WITH ROAD FRONTAGES GREATER THAN 12m IN WIDTH.
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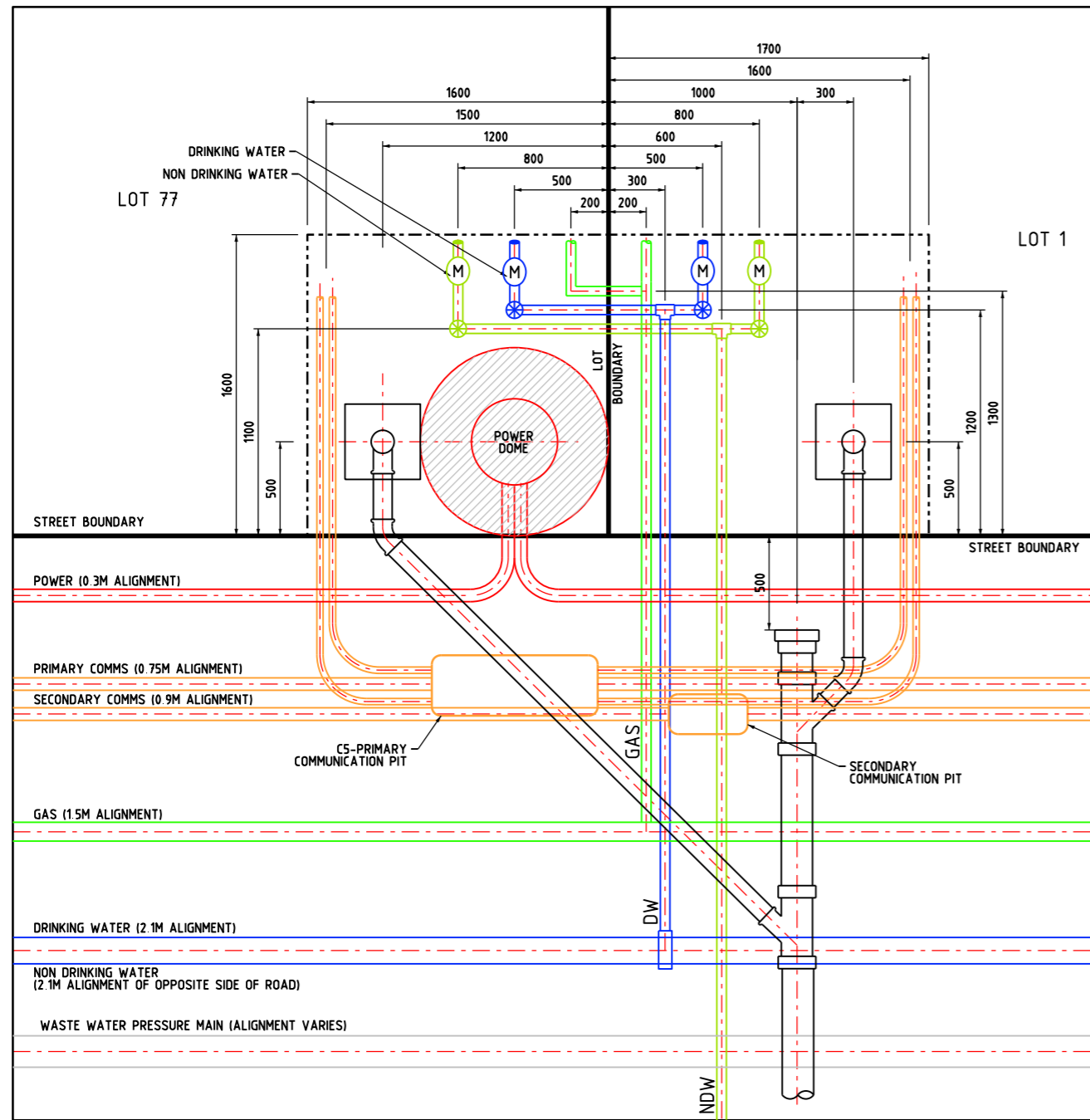
	SPLIT ALL SERVICES BETWEEN FRONT OR REAR OF PROPERTY (REAR LANEWAY ARRANGEMENT)	SEPERATE SERVICES TO FRONT LEFT (FL) AND FRONT RIGHT (FR)	SEPERATE SERVICES TO FRONT LEFT (FL) AND FRONT RIGHT (FR)
	IF MAJORITY OF SERVICES ALL ON ONE ROAD FRONTAGE LOCATE WATER SERVICE WITH EXTENDED CLEARANCE TO POWER DOME	LOCATE WATER SERVICES ALONGSIDE DRIVEWAY FURTHER INTO PROPERTY	FOR CORNER BLOCKS POSITION WATER SERVICES ON OTHER ROAD FRONTAGE AWAY FROM POWER SERVICE.
		LOCATE WATER SERVICES ON OPPOSITE SIDE OF DRIVEWAY (TOWARDS MIDDLE OF PROPERTY) WHERE THERE ARE DUAL DRIVEWAYS.	LOCATE WATER SERVICES ON SIDE OF DRIVEWAY TOWARDS MIDDLE OF PROPERTY.
			IF SERVICES ALL ON ONE ROAD FRONTAGE LOCATE WATER SERVICE WITH EXTENDED CLEARANCE TO POWER DOME.
	CONSOLIDATED SERVICES ARRANGEMENT	CONSOLIDATED SERVICES ARRANGEMENT	CONSOLIDATED SERVICES ARRANGEMENT

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NOTES

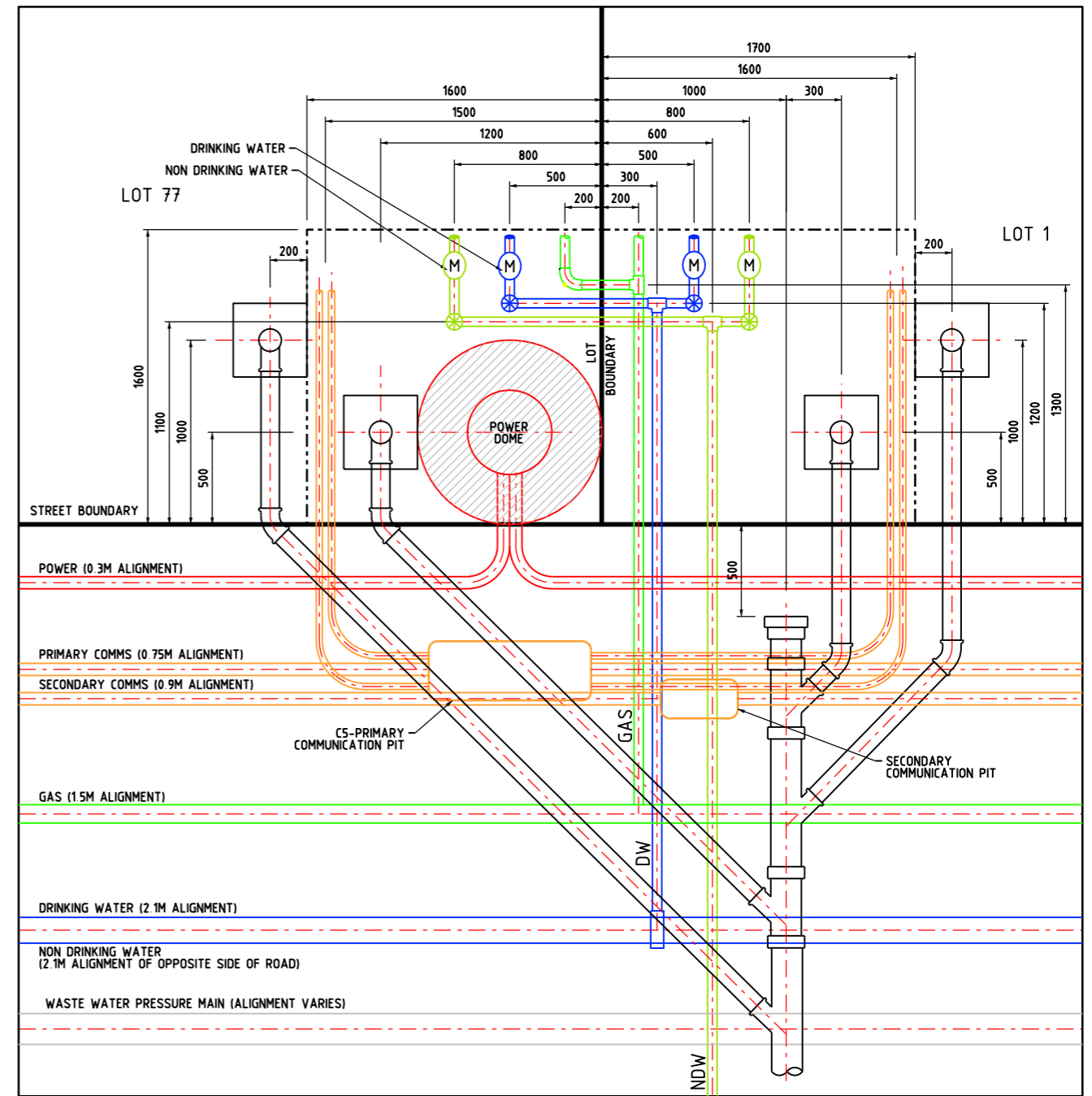
TYPICAL LOT ENTRY ARRANGEMENTS
INDEX AND SERVICE DEPTHS
NON DRINKING WATER RETICULATION
EXAMPLE DRAWINGS

UTILITY PROVIDERS		CODE OF PRACTICE		FOR WESTERN AUSTRALIA
DRAWN: JAMES R.	DATE: 30-08-2012	DRG. No.	SHEET 1 OF 10	
CHECKED: GEOFF W.	DESIGNED:			
EXAMINED:				
APPROVED: ROBERT ROGERSON		SCALE:		



REQUIRED ZONE DIMENSIONS 1600 X 1600 (POWER DOME)
1600 X 1700 (WATER & SEWER)

DETAIL 1A - SINGLE LOT



REQUIRED ZONE DIMENSIONS 1600 X 1600 (POWER DOME)
1600 X 1700 (WATER & SEWER)

DETAIL 1B - DUPLEX LOT

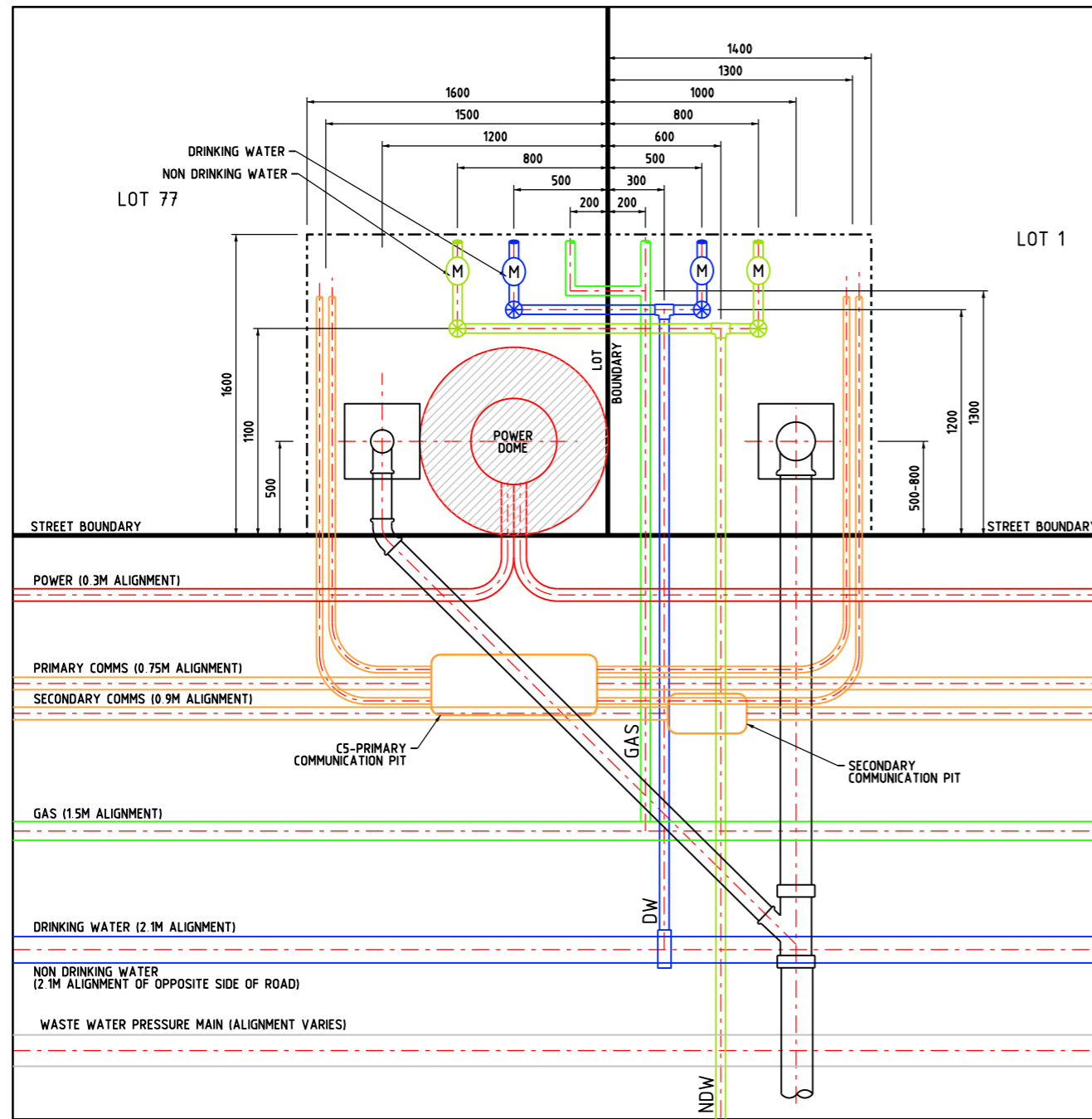
NOTES

1. THESE ENTRY ARRANGEMENT DO NOT PRECLUDE THE POSITIONING OF THE SEWER AT OTHER LOCATIONS ON THE LOT.
2. WHERE A SEWER PASSES IMMEDIATELY IN FRONT OF A PROPERTY, THE JUNCTION SHOULD BE POSITIONED ON THE DOWNSTREAM SIDE OF THE LOT AND 7.0m FROM EITHER SIDE BOUNDARY OR LOCATED CLEAR OF THE DRIVEWAY.
3. NON DRINKING WATER DELIVERY PIPEWORK TO BE SLIGHTLY DEEPER THAN DRINKING WATER PIPEWORK.
4. WATER CORPORATION IS PRESENTLY CONSIDERING ALLOWING THE POSITIONING OF THE I.O. ON THE PROPERTY, TYPICALLY 500mm TO 800mm INSIDE THE FRONT BOUNDARY.

TYPICAL LOT ENTRY ARRANGEMENT -
CONSOLIDATED DUAL SHALLOW SEWER -
CONNECTION OFF INSPECTION OPENING (I.O.)
NON DRINKING WATER RETICULATION
EXAMPLE DRAWINGS

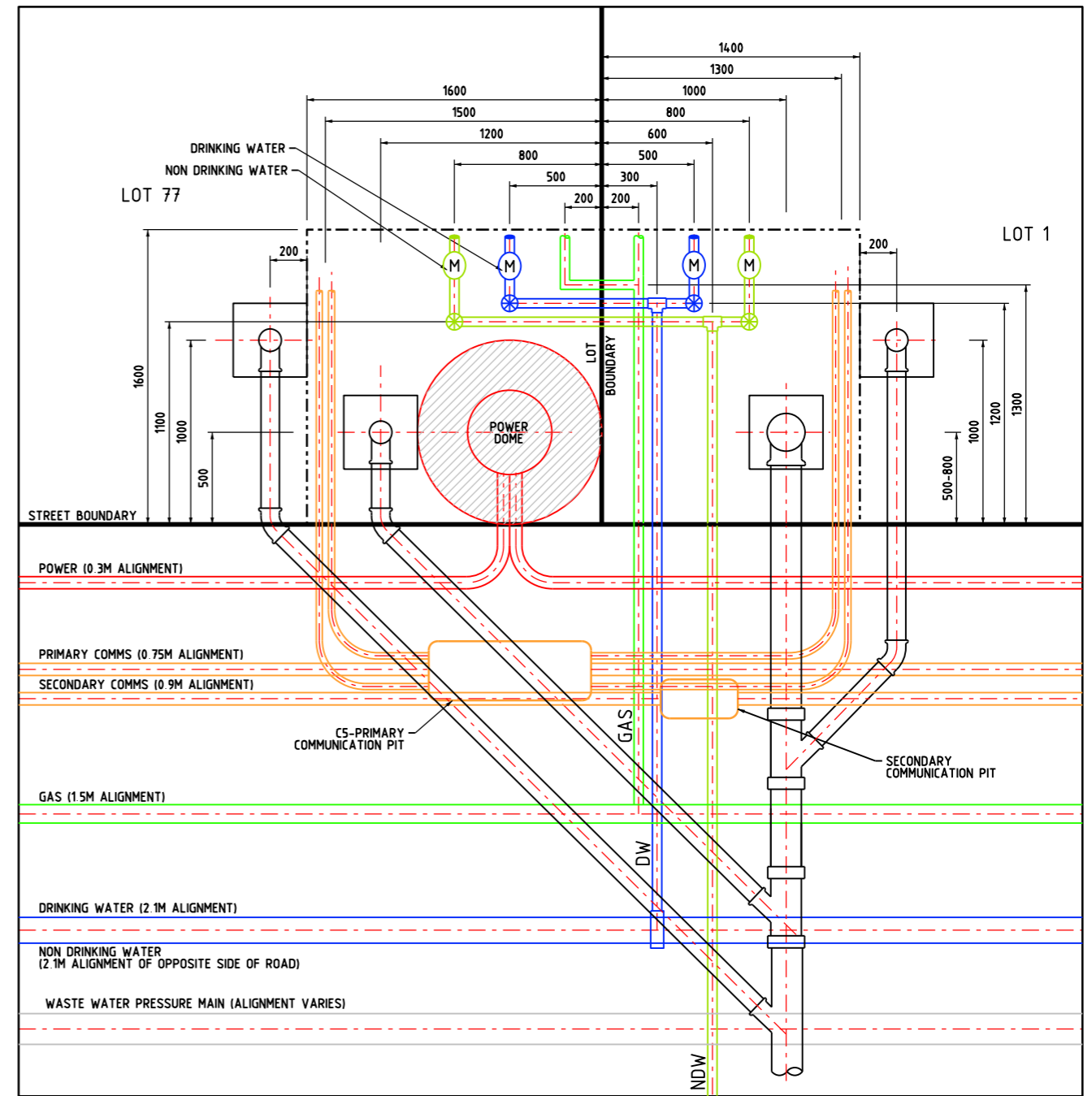
UTILITY PROVIDERS		CODE OF PRACTICE		FOR WESTERN AUSTRALIA
DRAWN: JAMES R.	DATE: 09-08-2012	DRG. No.		
CHECKED: GEOFF W.	DESIGNED:			
EXAMINED:				
RECOMMENDED:				
APPROVED: ROBERT ROGERSON				
		SHEET 2 OF 10		
		SCALE: 500 250 0 500 1000mm		

REV.	DESCRIPTION	DATE	DRN.	CHK'D
0	ORIGINAL ISSUE	05-09-12	JRR	GW



REQUIRED ZONE DIMENSIONS 1600 X 1600 (POWER DOME)
1600 X 1400 (WATER & SEWER)

DETAIL 1C - SINGLE LOT



REQUIRED ZONE DIMENSIONS 1600 X 1600 (POWER DOME)
1600 X 1400 (WATER & SEWER)

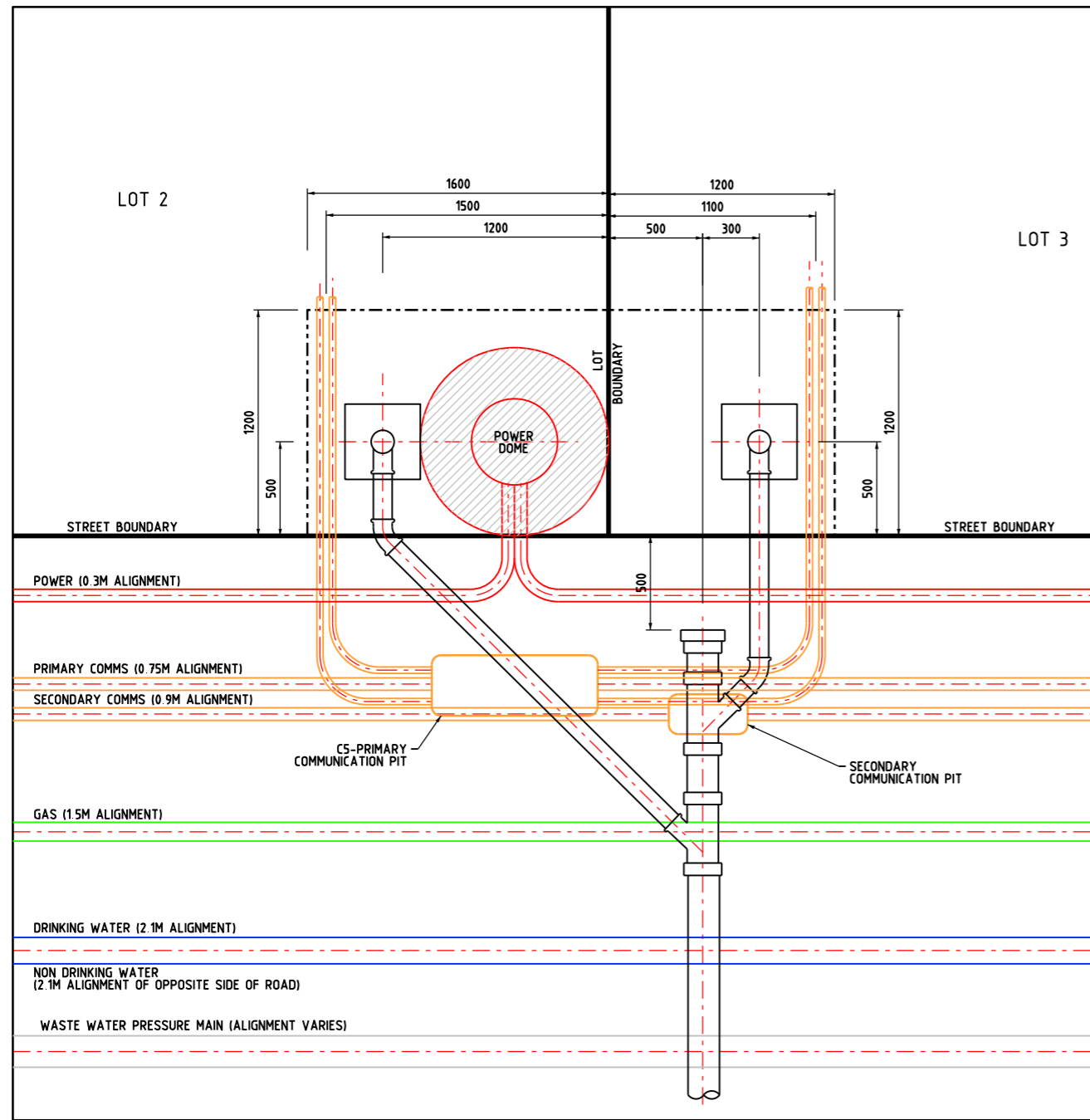
DETAIL 1D - DUPLEX LOT

REV.	DESCRIPTION	DATE	DRN.	CHK'D
0	ORIGINAL ISSUE	05-09-12	JRR	GW

- NOTES
1. INSPECTION SHAFTS SHALL BE BROUGHT TO THE SURFACE AND CAPPED.
 2. THESE ENTRY ARRANGEMENTS DO NOT PRECLUDE THE POSITIONING OF THE SEWER AT OTHER LOCATIONS ON THE LOT.
 3. WHERE A SEWER PASSES IMMEDIATELY IN FRONT OF A PROPERTY, THE JUNCTION SHOULD BE POSITIONED ON THE DOWNSTREAM SIDE OF THE LOT AND 7.0m FROM EITHER SIDE BOUNDARY OR LOCATED CLEAR OF THE DRIVEWAY.
 4. NON DRINKING WATER DELIVERY PIPEWORK TO BE SLIGHTLY DEEPER THAN DRINKING WATER PIPEWORK.

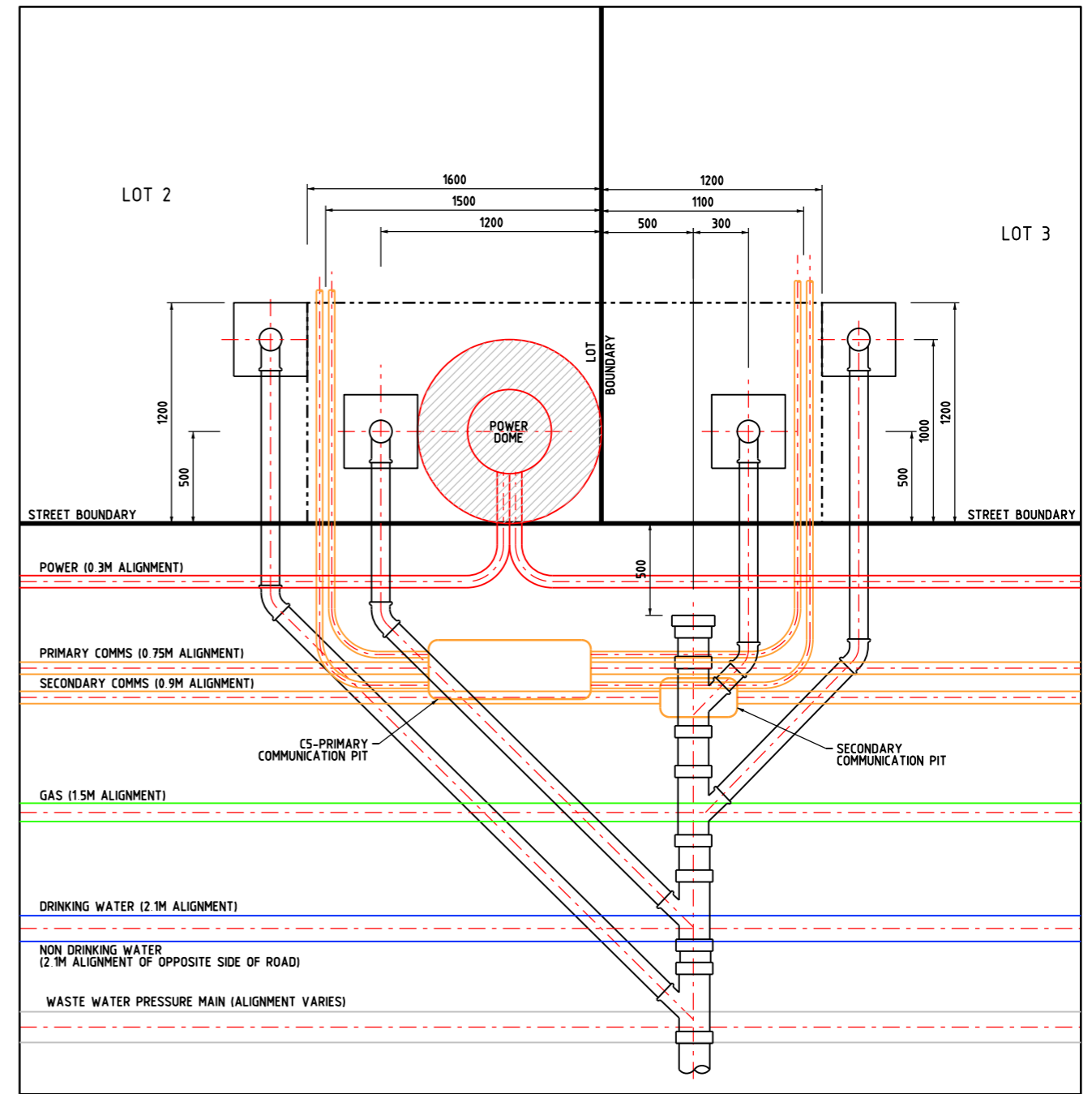
TYPICAL LOT ENTRY ARRANGEMENT -
CONSOLIDATED DUAL DEEP SEWER -
CONNECTION TO INSPECTION SHAFT (I.S.)
NON DRINKING WATER RETICULATION
EXAMPLE DRAWINGS

UTILITY PROVIDERS		CODE OF PRACTICE		FOR WESTERN AUSTRALIA
DRAWN: JAMES R.	DATE: 09-08-2012	DRG. No.		
CHECKED: GEOFF W.	DESIGNED:			
EXAMINED:				
RECOMMENDED:				
APPROVED: ROBERT ROGERSON				
		SHEET 3 OF 10		
		SCALE: 500 250 0 500 1000mm		



REQUIRED ZONE DIMENSIONS 1200 X 1600 (POWER DOME)
1200 X 1200 (SEWER)

DETAIL 2A - SINGLE LOT



REQUIRED ZONE DIMENSIONS 1200 X 1600 (POWER DOME)
1200 X 1200 (SEWER)

DETAIL 2B - DUPLEX LOT

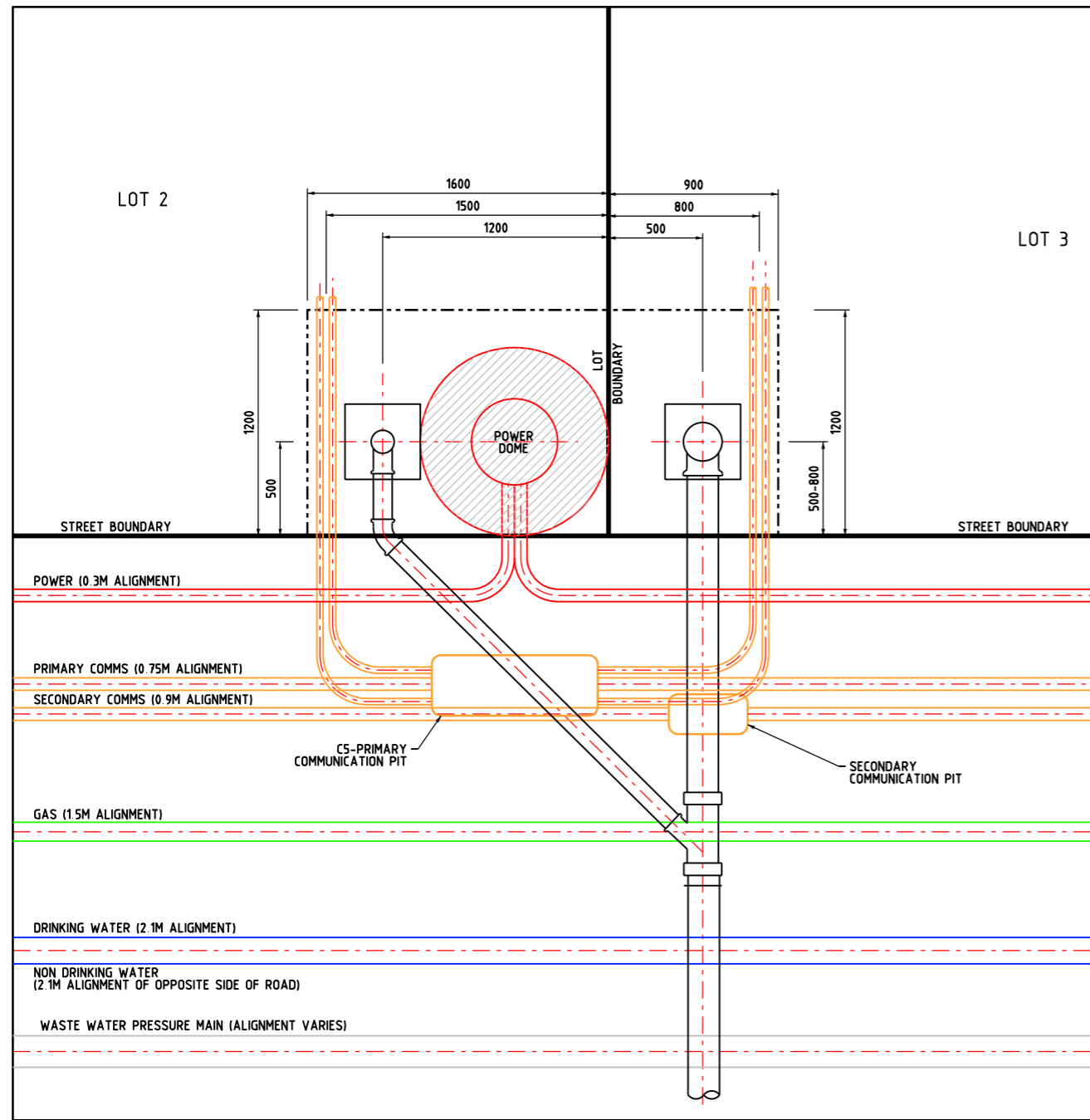
REV.	DESCRIPTION	DATE	DRN.	CHK'D
0	ORIGINAL ISSUE	05-09-12	JRR	GW

NOTES

1. THESE ENTRY ARRANGEMENT DO NOT PRECLUDE THE POSITIONING OF THE SEWER AT OTHER LOCATIONS ON THE LOT.
2. WHERE A SEWER PASSES IMMEDIATELY IN FRONT OF A PROPERTY, THE JUNCTION SHOULD BE POSITIONED ON THE DOWNSTREAM SIDE OF THE LOT AND 7.0m FROM EITHER SIDE BOUNDARY OR LOCATED CLEAR OF THE DRIVEWAY.
3. WATER CORPORATION IS PRESENTLY CONSIDERING ALLOWING THE POSITIONING OF THE I.O. ON THE PROPERTY, TYPICALLY 500mm TO 800mm INSIDE THE FRONT BOUNDARY.

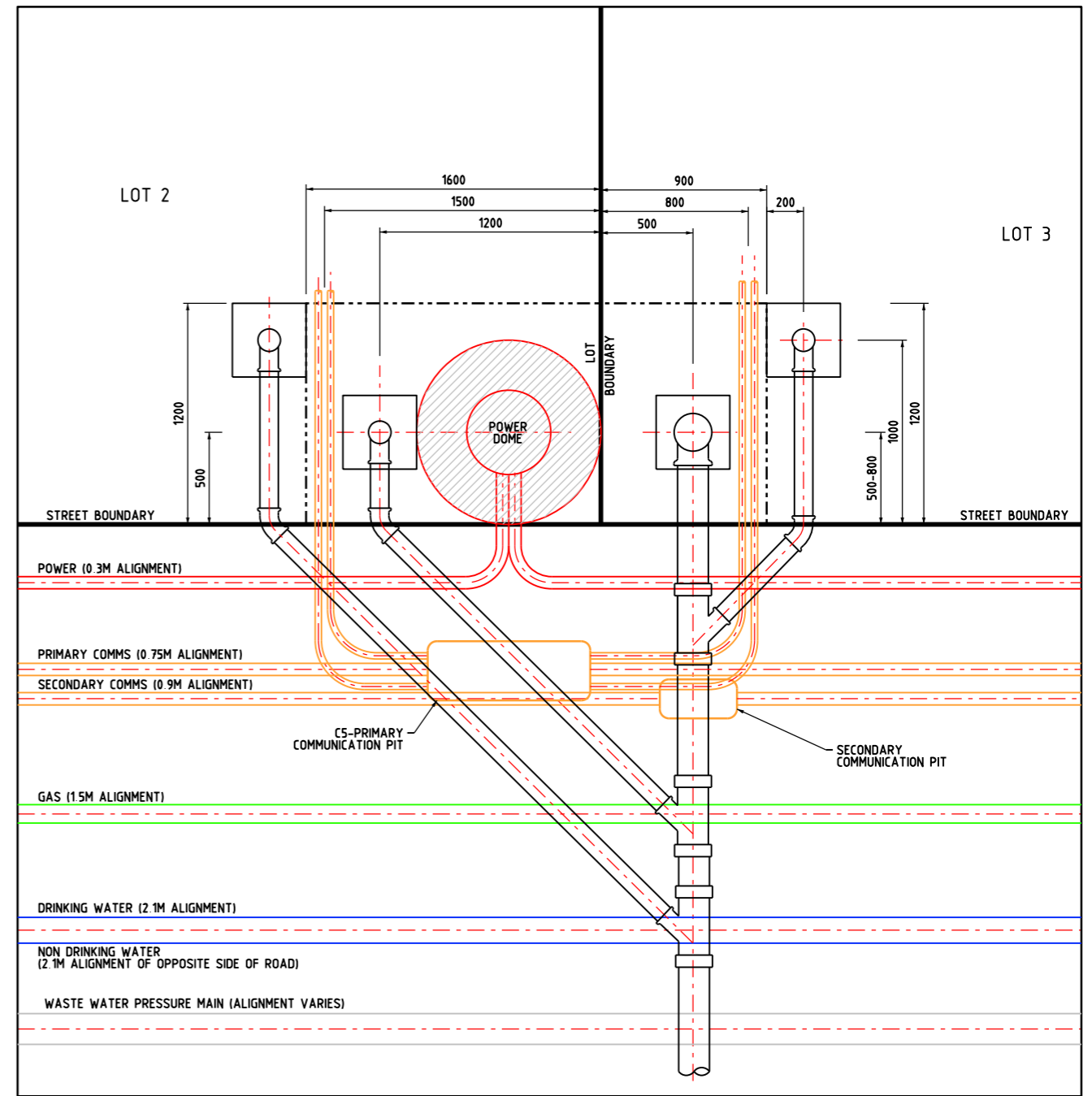
TYPICAL LOT ENTRY ARRANGEMENT - DUAL
- NO WATER, NO GAS SHALLOW SEWER -
CONNECTION OFF INSPECTION OPENING (I.O.)
NON DRINKING WATER RETICULATION
EXAMPLE DRAWINGS

UTILITY PROVIDERS		CODE OF PRACTICE		FOR WESTERN AUSTRALIA
DRAWN: JAMES R.	DATE: 09-08-2012	DRG. No.		
CHECKED: GEOFF W.	DESIGNED:			
EXAMINED:				
RECOMMENDED:				
APPROVED: ROBERT ROGERSON				
SCALE:		500 250 0 500 1000mm		



REQUIRED ZONE DIMENSIONS 1200 X 1600 (POWER DOME)
1200 X 900 (SEWER)

DETAIL 2C - SINGLE LOT



REQUIRED ZONE DIMENSIONS 1200 X 1600 (POWER DOME)
1200 X 900 (SEWER)

DETAIL 2D - DUPLEX LOT

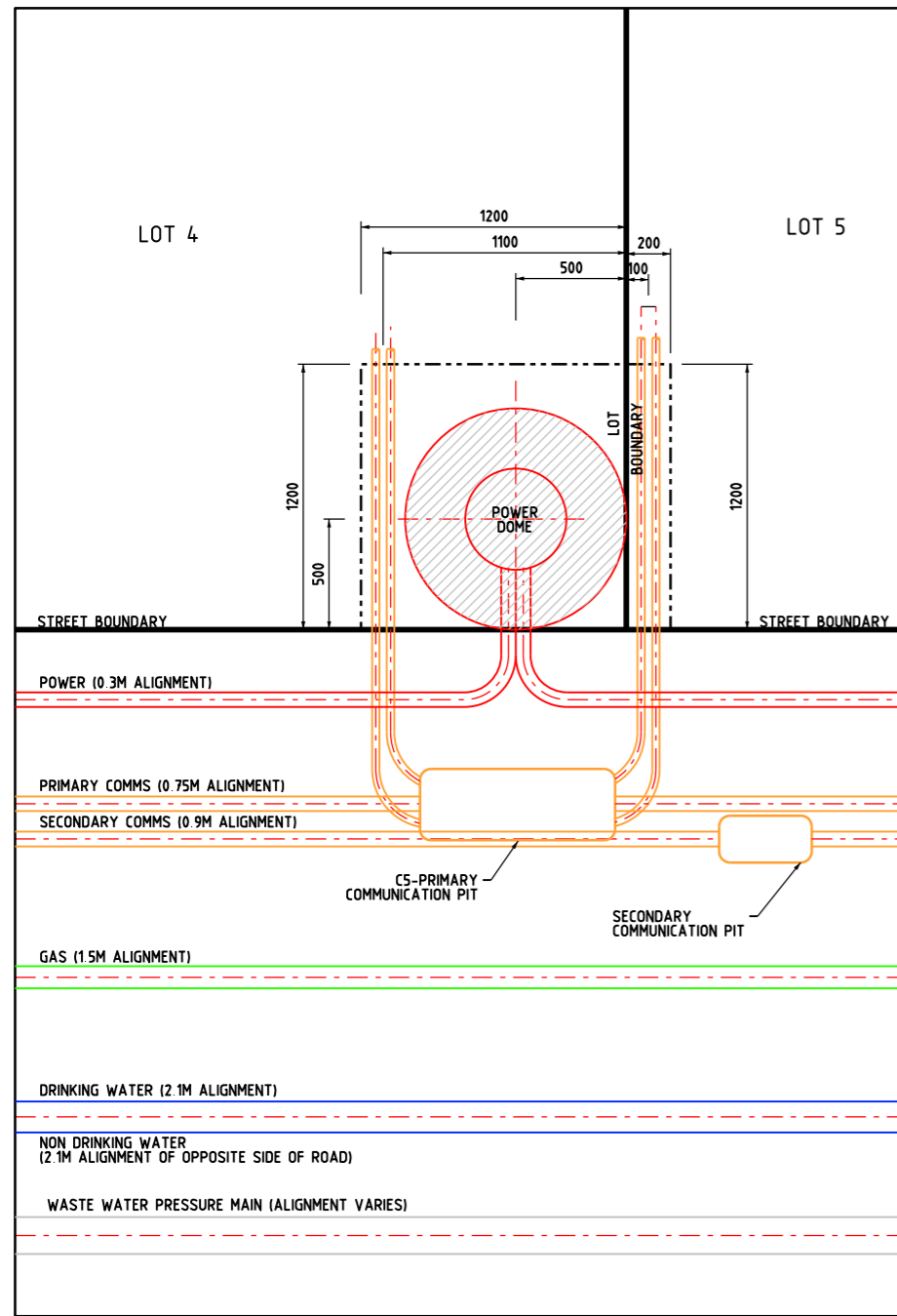
NOTES

1. INSPECTION SHAFTS SHALL BE BROUGHT TO THE SURFACE AND CAPPED.
2. THESE ENTRY ARRANGEMENTS DO NOT PRECLUDE THE POSITIONING OF THE SEWER AT OTHER LOCATIONS ON THE LOT.
3. WHERE A SEWER PASSES IMMEDIATELY IN FRONT OF A PROPERTY, THE JUNCTION SHOULD BE POSITIONED ON THE DOWNSTREAM SIDE OF THE LOT AND 7.0m FROM EITHER SIDE BOUNDARY OR LOCATED CLEAR OF THE DRIVEWAY.

**TYPICAL LOT ENTRY ARRANGEMENT -
- DUAL - NO WATER NO GAS DEEP SEWER -
CONNECTION OFF INSPECTION OPENING (I.S.)
NON DRINKING WATER RETICULATION
EXAMPLE DRAWINGS**

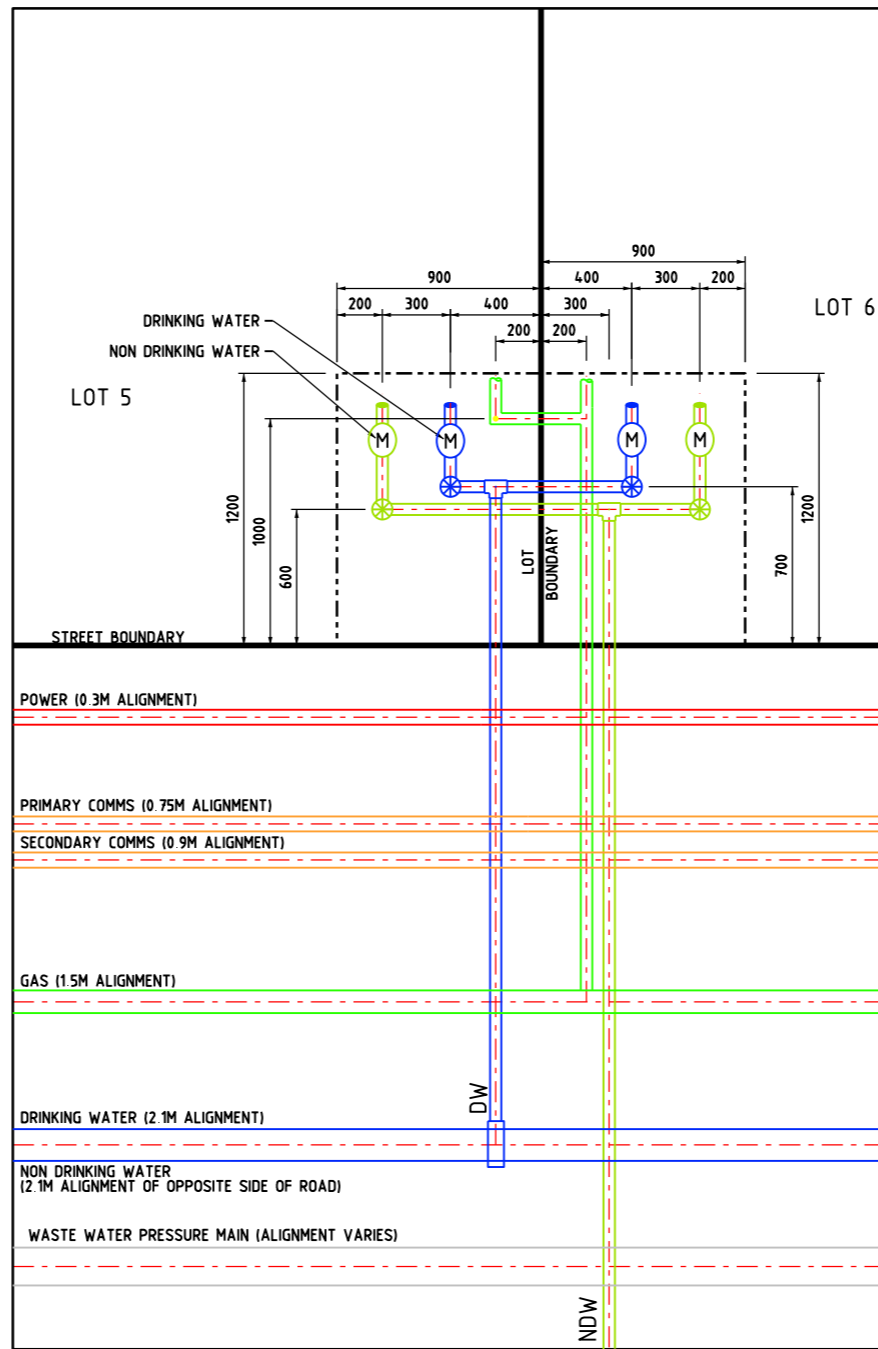
UTILITY PROVIDERS		CODE OF PRACTICE		FOR WESTERN AUSTRALIA	
DRAWN: JAMES R.	DATE: 09-08-2012	DRG. No.			
CHECKED: GEOFF W.	DESIGNED:				
EXAMINED:					
RECOMMENDED:					
APPROVED: ROBERT ROGERSON					
			SHEET 5 OF 10		
			SCALE: 500 250 0 500 1000mm		

REV.	DESCRIPTION	DATE	DRN.	CHK'D
0	ORIGINAL ISSUE	05-09-12	JRR	GW



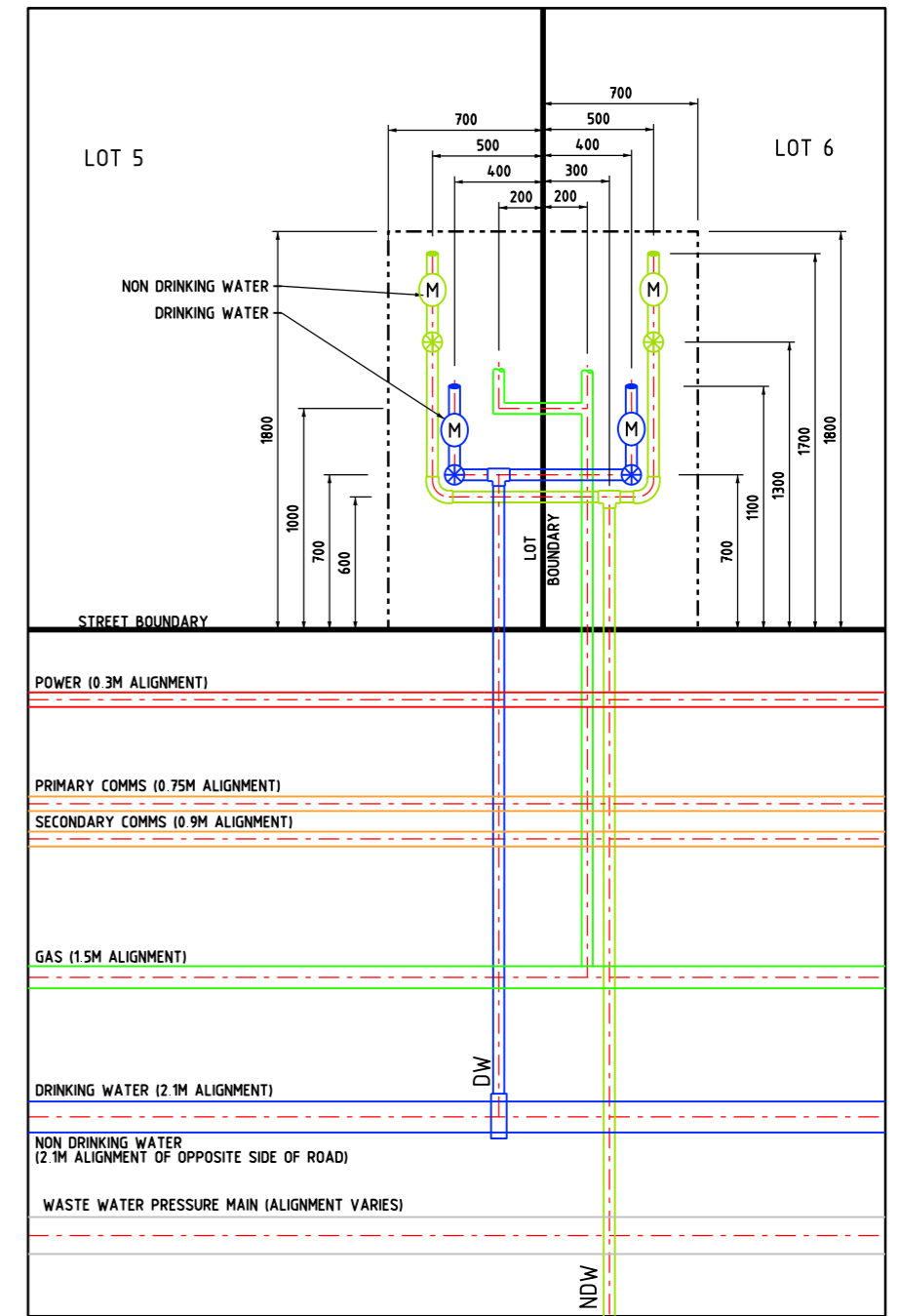
REQUIRED ZONE DIMENSIONS 1200 X 1200 (POWER CORNER)
1200 X 200 (COMMUNICATIONS CORNER)

DETAIL 3



REQUIRED ZONE DIMENSIONS 1200 X 900

DETAIL 4A



REQUIRED ZONE DIMENSIONS 1800 X 700

DETAIL 4B

REV.	DESCRIPTION	DATE	DRN.	CHK'D
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NOTES

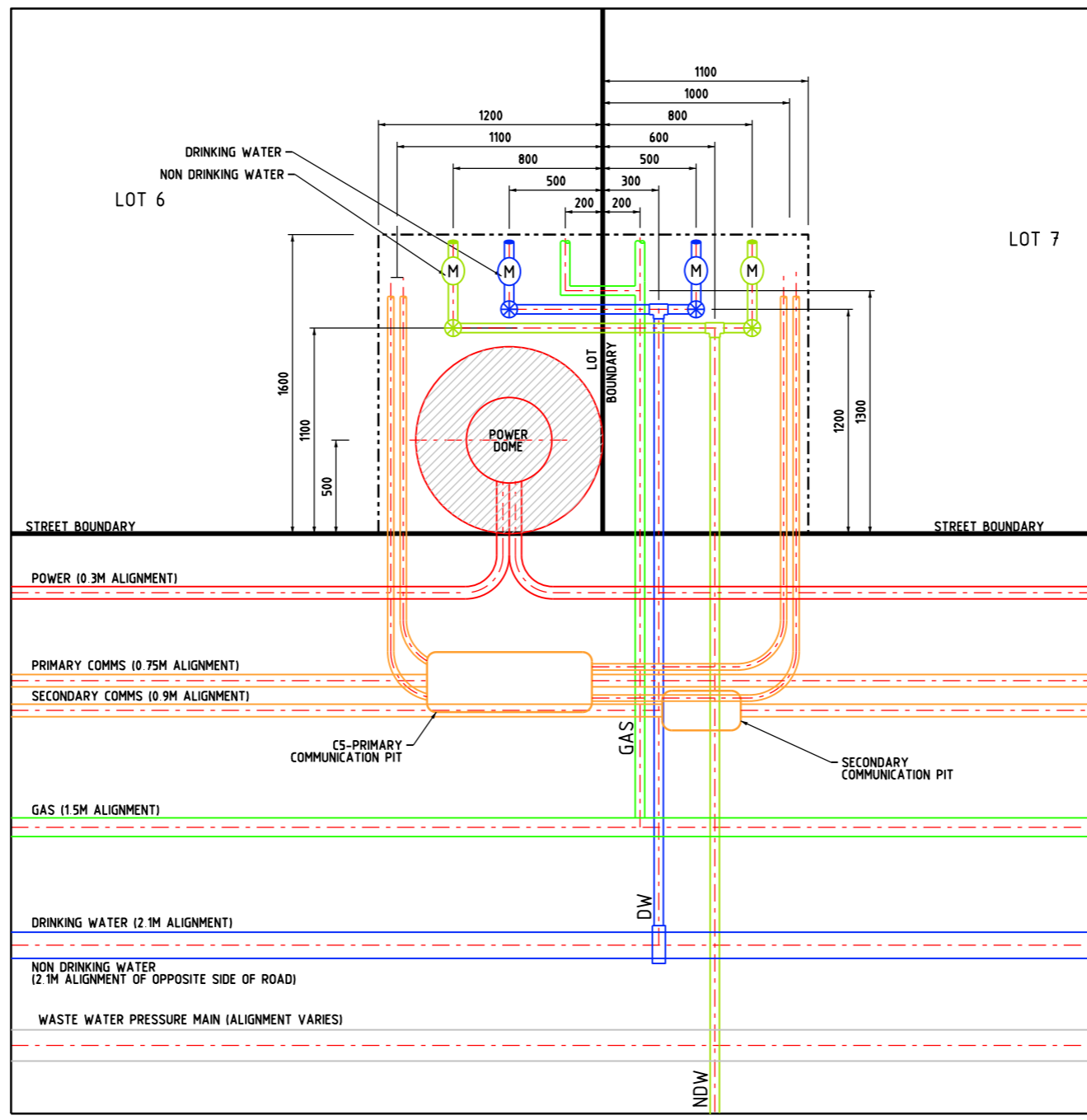
TYPICAL LOT ENTRY ARRANGEMENT
DUAL ENTRY WITH POWER AND
WATER SEPARATED
NON DRINKING WATER RETICULATION
EXAMPLE DRAWINGS

UTILITY PROVIDERS CODE OF PRACTICE FOR WESTERN AUSTRALIA

DRAWN: JAMES R.	DATE: 09-08-2012	DRG. No.
CHECKED: GEOFF W.	DESIGNED:	
EXAMINED:		
RECOMMENDED:		
APPROVED: ROBERT ROGERSON		

SHEET 6 OF 10

SCALE: 500 250 0 500 1000mm



REQUIRED ZONE DIMENSIONS 1600 X 1200 (POWER DOME)
1600 X 1100 (WATER)

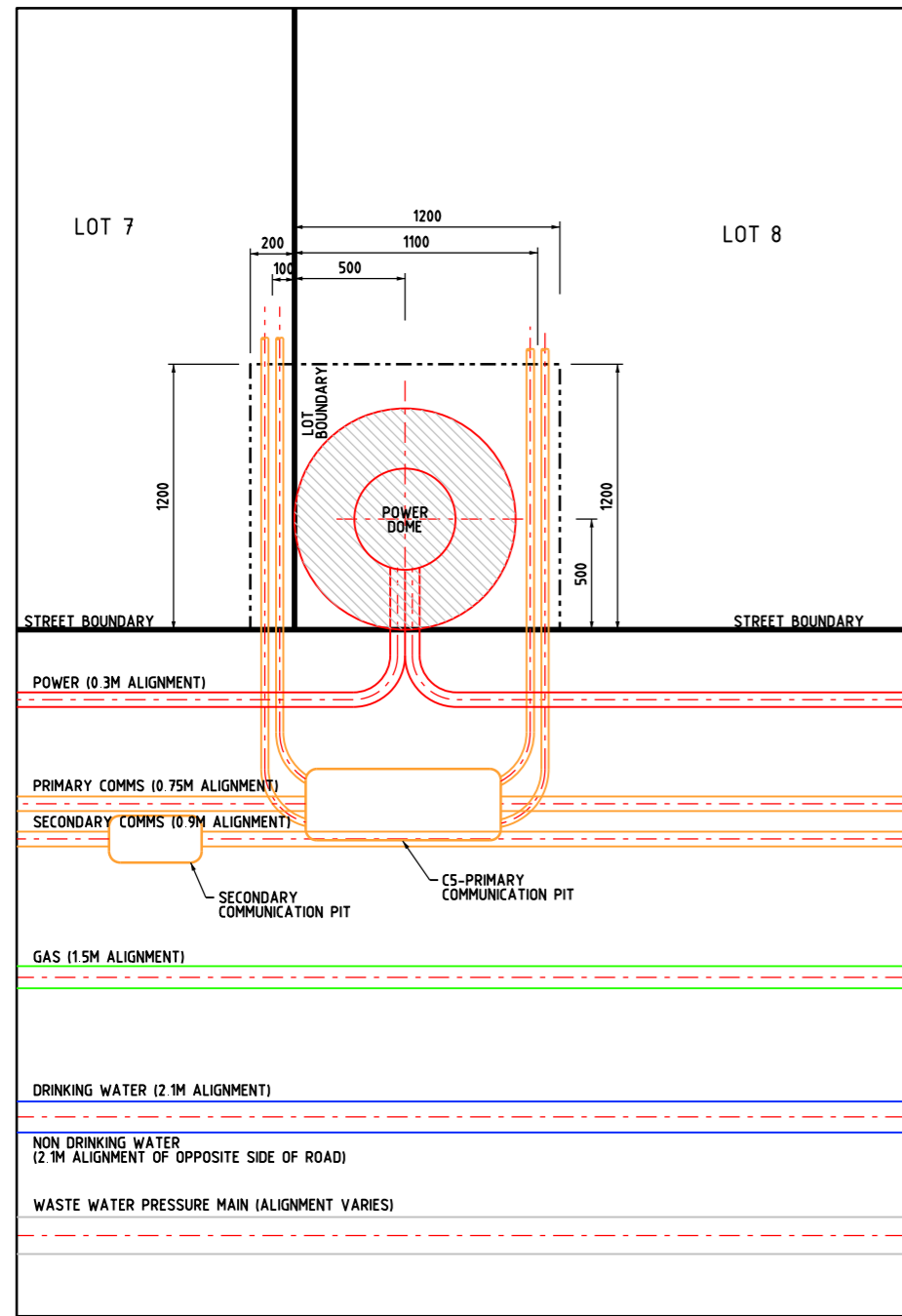
DETAIL 5

REV.	DESCRIPTION	DATE	DRN.	CHK'D
0	ORIGINAL ISSUE	05-09-12	JRR	GW

NOTES

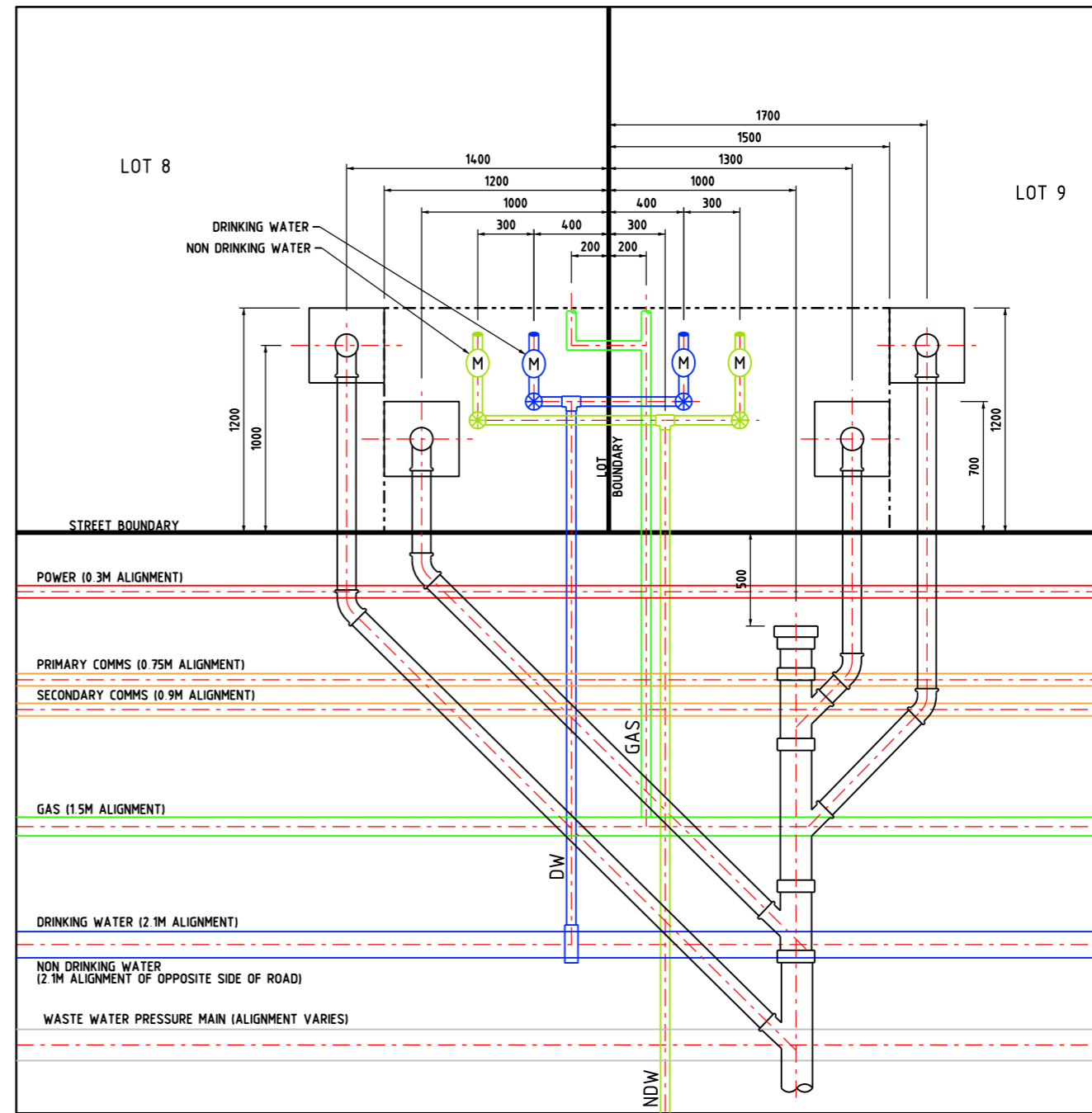
TYPICAL LOT ENTRY ARRANGEMENT
DUAL ENTRY - NO SEWER
NON DRINKING WATER RETICULATION
EXAMPLE DRAWINGS

UTILITY PROVIDERS		CODE OF PRACTICE		FOR WESTERN AUSTRALIA
DRAWN: JAMES R.	DATE: 09-08-2012	DRG. No.		
CHECKED: GEOFF W.	DESIGNED:			
EXAMINED:				
RECOMMENDED:				
APPROVED: ROBERT ROGERSON				
		SCALE: 500 250 0 500 1000mm		



REQUIRED ZONE DIMENSIONS 1200 X 1200 (POWER CORNER)
1200 X 200 (COMMUNICATIONS CORNER)

DETAIL 6



REQUIRED ZONE DIMENSIONS 1200 X 1200 (DRINKING WATER CORNER)
1200 X 1500 (SEWER CORNER)

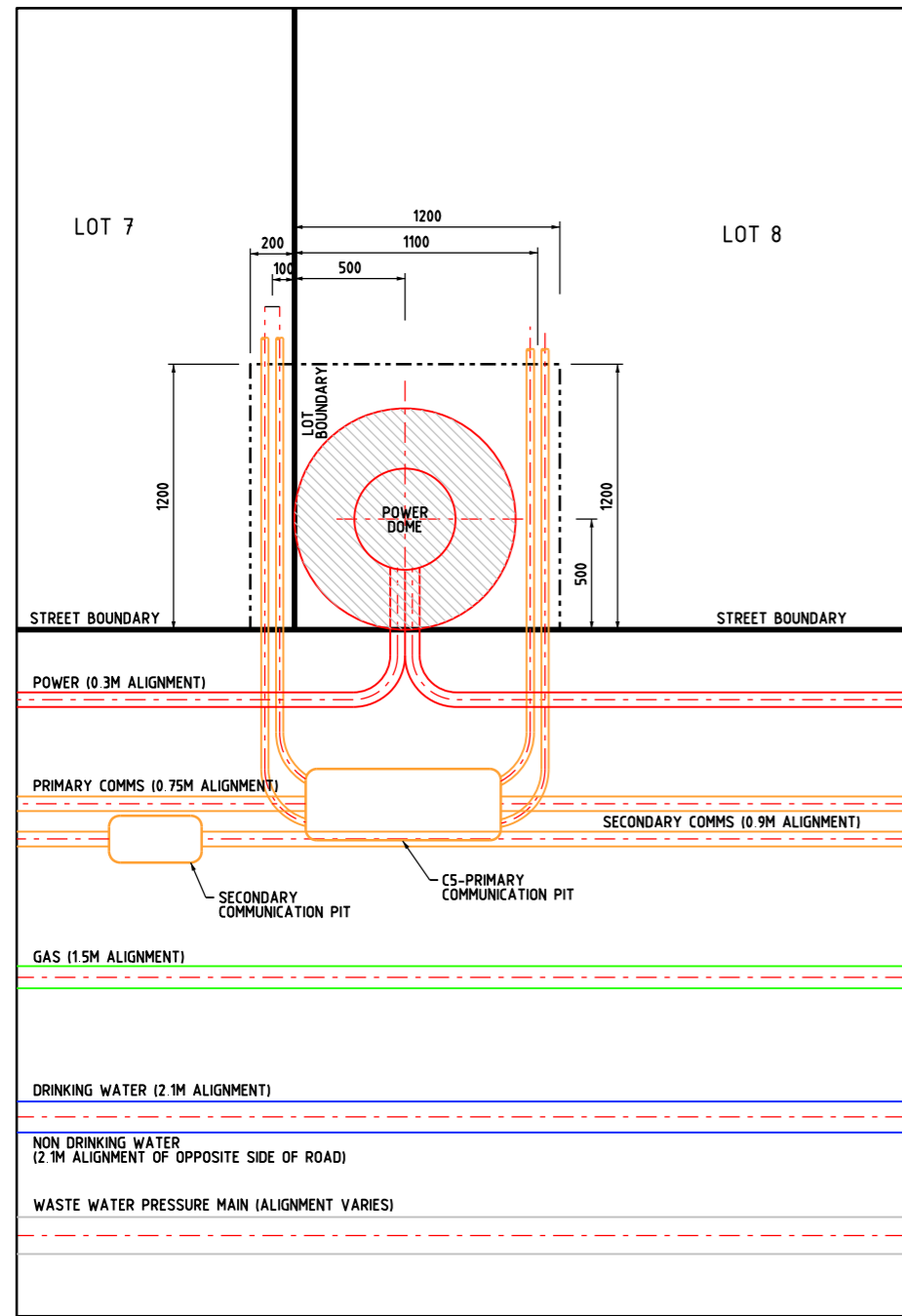
DETAIL 7A

REV.	DESCRIPTION	DATE	DRN.	CHK'D
0	ORIGINAL ISSUE	05-09-12	JRR	GW

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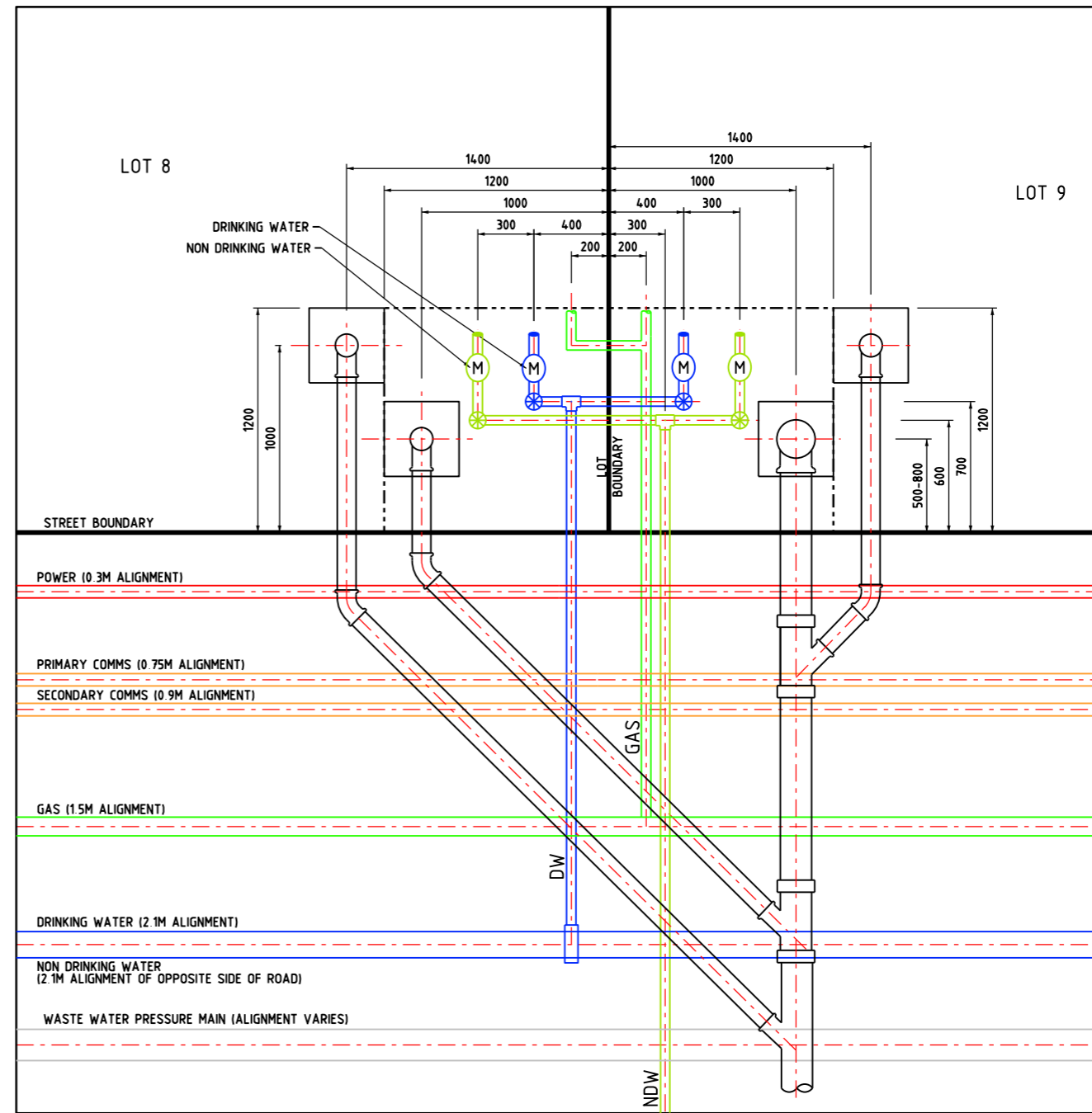
TYPICAL LOT ENTRY ARRANGEMENT -
SHALLOW SEWER - DUAL ENTRY WITH
POWER AND SEWER SEPARATED
NON DRINKING WATER RETICULATION
EXAMPLE DRAWINGS

UTILITY PROVIDERS		CODE OF PRACTICE		FOR WESTERN AUSTRALIA
DRAWN: JAMES R.	DATE: 09-08-2012	DRG. No.		SHEET 8 OF 10
CHECKED: GEOFF W.	DESIGNED:			
EXAMINED:				
APPROVED: ROBERT ROGERSON				
SCALE:			500 250 0 500 1000mm	



REQUIRED ZONE DIMENSIONS 1200 X 1200 (POWER CORNER)
1200 X 200 (COMMUNICATIONS CORNER)

DETAIL 6



REQUIRED ZONE DIMENSIONS 1200 X 1200 (DRINKING WATER CORNER)
1200 X 1200 (SEWER CORNER)

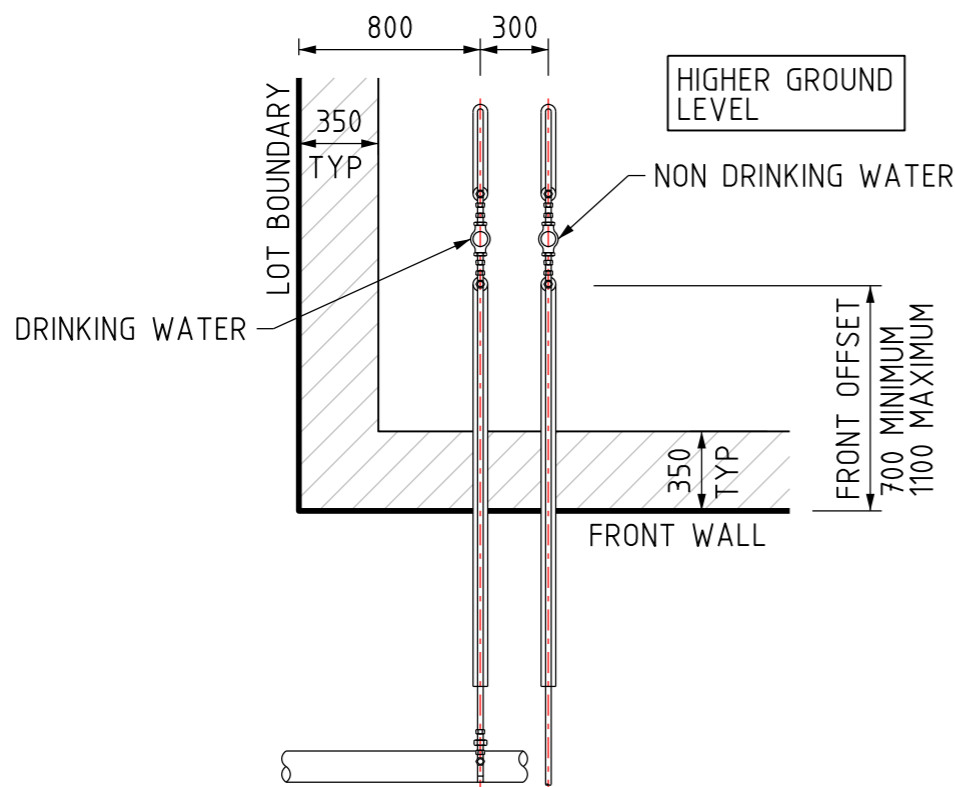
DETAIL 7B

REV.	DESCRIPTION	DATE	DRN.	CHK'D
0	ORIGINAL ISSUE	05-09-12	JRR	GW

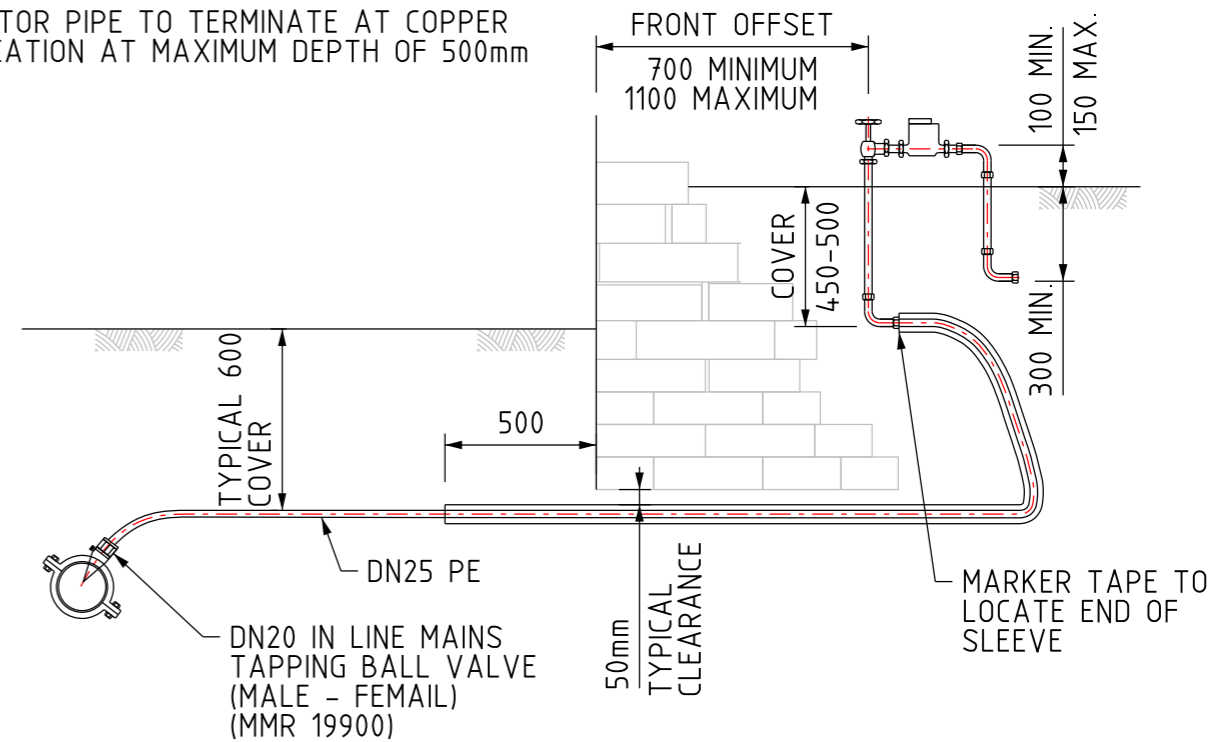
NOTES

TYPICAL LOT ENTRY ARRANGEMENT -
DEEP SEWER DUAL ENTRY WITH
POWER AND SEWER SEPARATED
NON DRINKING WATER RETICULATION
EXAMPLE DRAWINGS

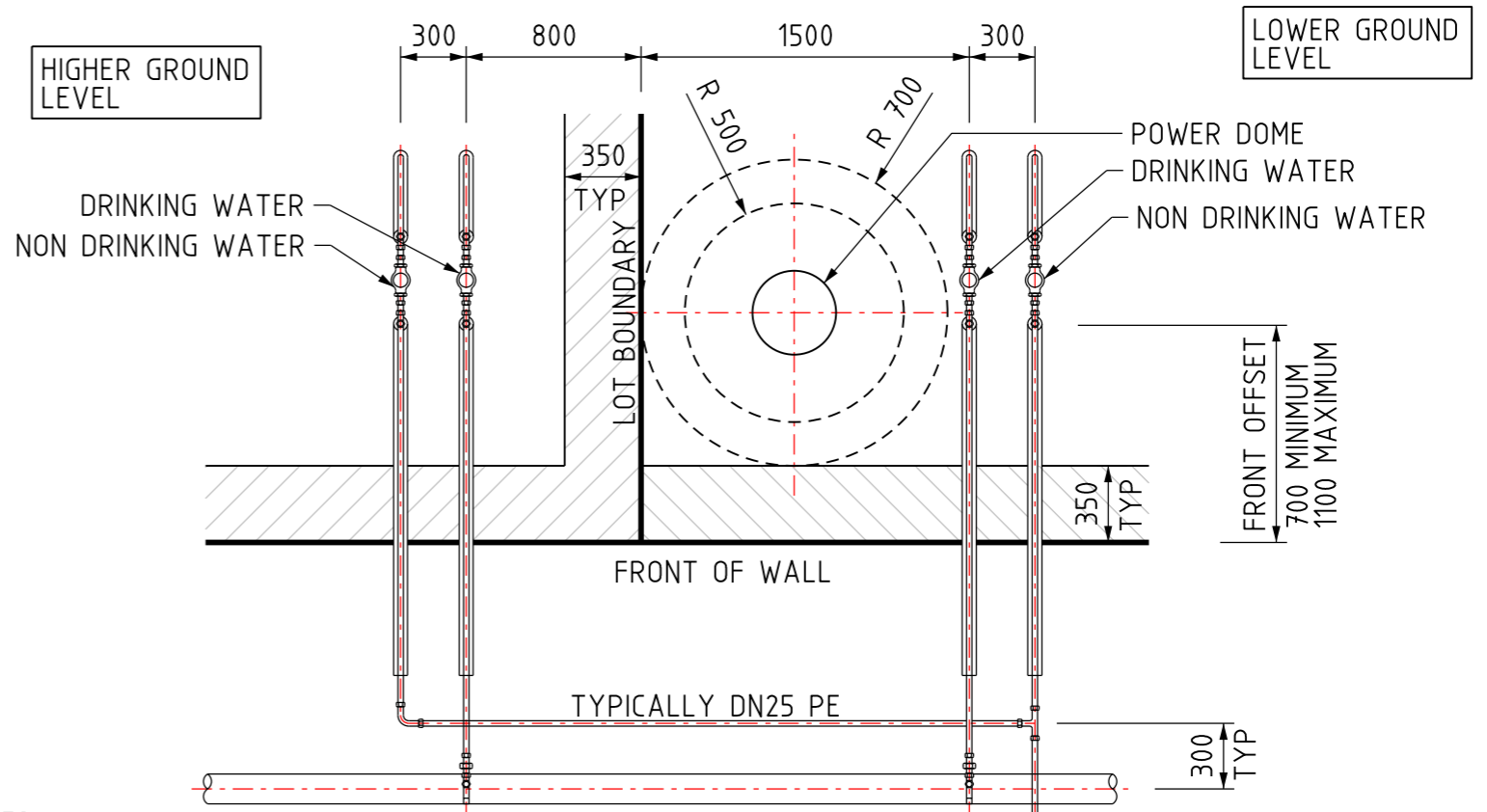
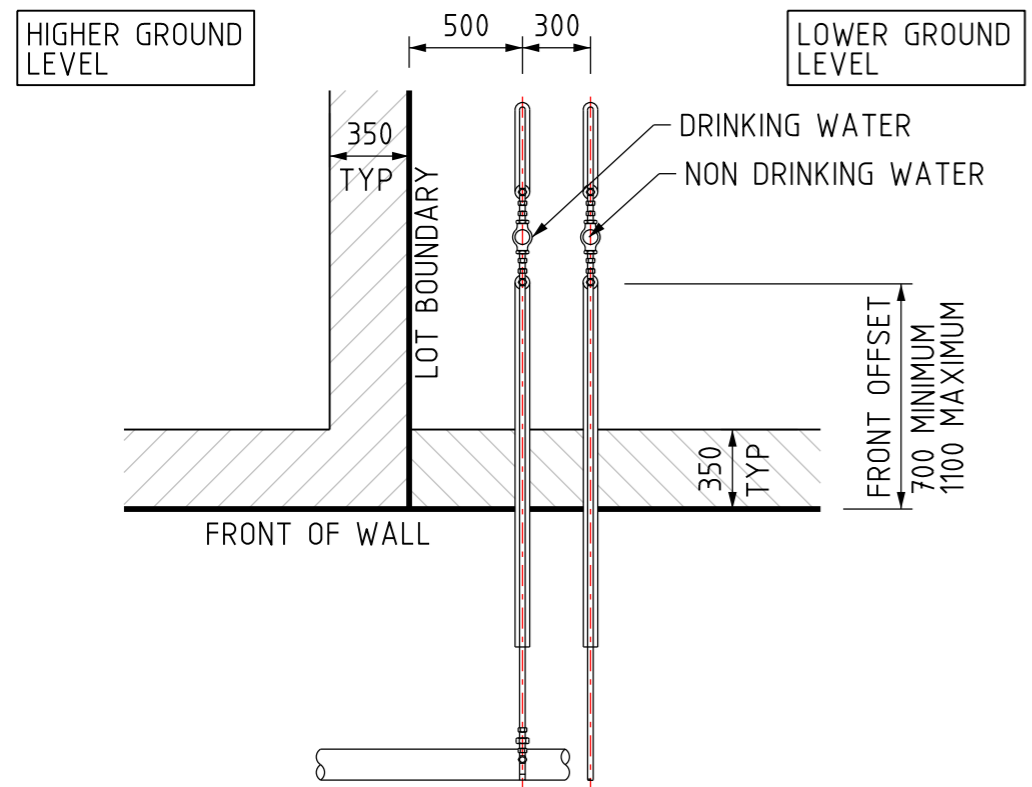
UTILITY PROVIDERS		CODE OF PRACTICE		FOR WESTERN AUSTRALIA
DRAWN: JAMES R.	DATE: 09-08-2012	DRG. No.		SHEET 9 OF 10
CHECKED: GEOFF W.	DESIGNED:			
EXAMINED:				
APPROVED: ROBERT ROGERSON				
SCALE:				500 250 0 500 1000mm



DN63 PROTECTOR PIPE TO TERMINATE AT COPPER UPSTAND LOCATION AT MAXIMUM DEPTH OF 500mm



NOTE: OPTIONAL REQUIREMENT TO INCLUDE PLACEMENT OF DN20 IN LINE MAINS TAPPING BALL VALVE DURING CONSTRUCTION.



NOTES:
 1. CLEARANCE BETWEEN MAIN AND PE LINK TYPICALLY 300mm.
 2. PE LINK TO REMAIN WITHIN ALLOCATED WATER CORRIDOR.

REV.	DESCRIPTION	DATE	DRN.	CHK'D
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NOTES

TYPICAL LOT ENTRY ARRANGEMENT - FRONT RETAINING WALLS LESS THAN 1.1m IN HEIGHT - SINGLE DN20 SERVICE NON DRINKING WATER RETICULATION EXAMPLE DRAWINGS

UTILITY PROVIDERS		CODE OF PRACTICE		FOR WESTERN AUSTRALIA
DRAWN: JAMES R.	DATE: 09-08-2012	DRG. No.		
CHECKED: GEOFF W.	DESIGNED:			
EXAMINED:				
RECOMMENDED:				
APPROVED: ROBERT ROGERSON				
		SHEET 10 OF 10		
		SCALE: NTS		