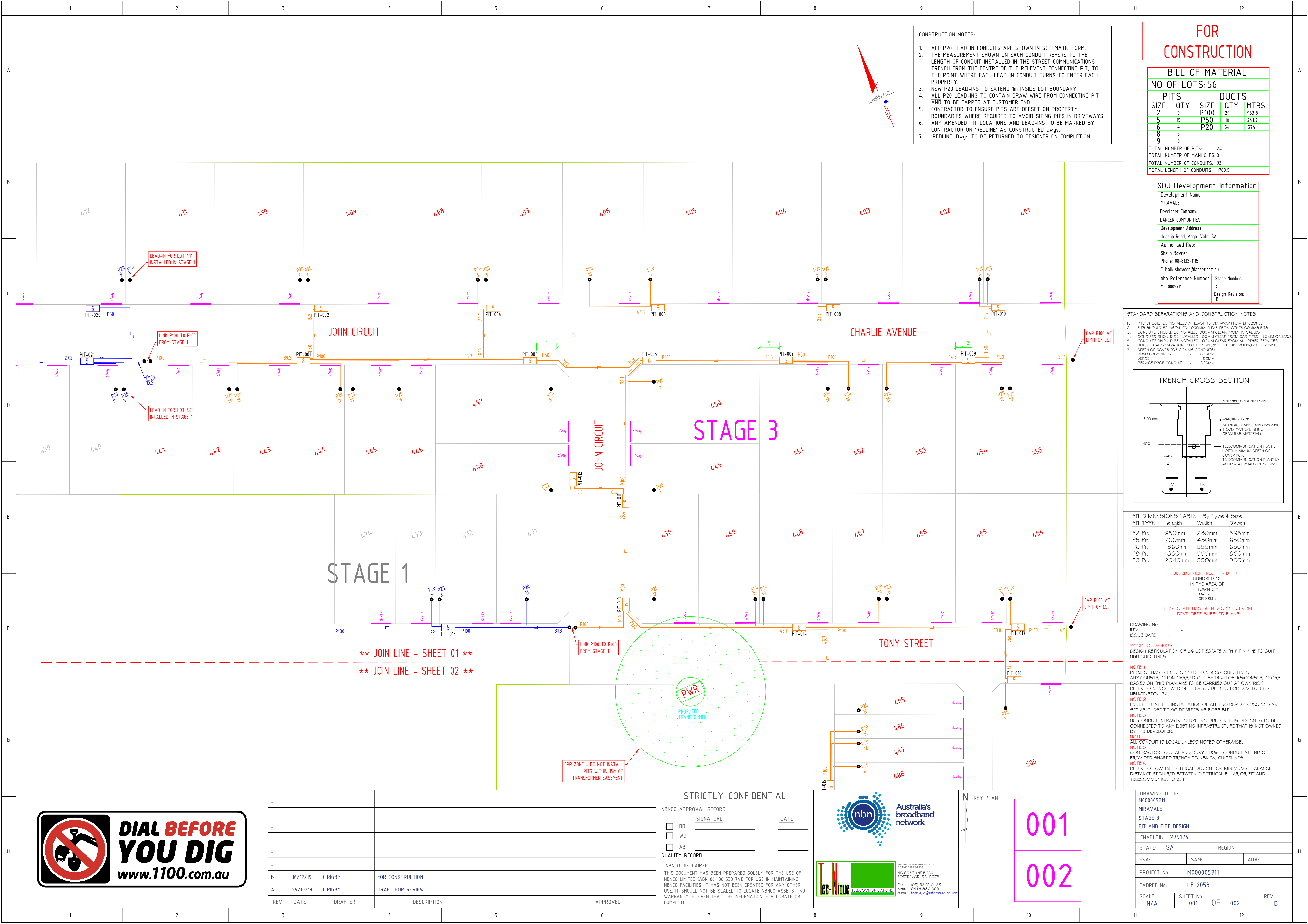


[illegible]



- CONSTRUCTION NOTES:
1. ALL P20 LEAD-IN CONDUITS ARE SHOWN IN SCHEMATIC FORM.
  2. THE MEASUREMENT SHOWN ON EACH CONDUIT REFERS TO THE LENGTH OF CONDUIT INSTALLED IN THE STREET COMMUNICATIONS TRENCH FROM THE CENTRE OF THE RELEVANT CONNECTING PIT, TO THE POINT WHERE EACH LEAD-IN CONDUIT TURNS TO ENTER EACH PROPERTY.
  3. NEW P20 LEAD-INS TO EXTEND 1m INSIDE LOT BOUNDARY.
  4. ALL P20 LEAD-INS TO CONTAIN DRAW WIRE FROM CONNECTING PIT AND TO BE CAPPED AT CUSTOMER END.
  5. CONTRACTOR TO ENSURE PITS ARE OFFSET ON PROPERTY BOUNDARIES WHERE REQUIRED TO AVOID SITING PITS IN DRIVEWAYS.
  6. ANY AMENDED PIT LOCATIONS AND LEAD-INS TO BE MARKED BY CONTRACTOR ON 'REDLINE' AS CONSTRUCTED DWGS.
  7. 'REDLINE' DWGS TO BE RETURNED TO DESIGNER ON COMPLETION.

FOR CONSTRUCTION				
BILL OF MATERIAL				
NO OF LOTS:56				
PITS		DUCTS		
SIZE	QTY	SIZE	QTY	MTRS
2	0	P100	29	953.8
5	15	P50	10	241.7
6	4	P20	54	574
8	5			
9	0			
TOTAL NUMBER OF PITS:				24
TOTAL NUMBER OF MANHOLES:				0
TOTAL NUMBER OF CONDUITS:				93
TOTAL LENGTH OF CONDUITS:				1769.5

SDU Development Information	
Development Name:	MIRAVALE
Developer Company:	LANCER COMMUNITIES
Development Address:	Heaslip Road, Angle Vale, SA
Authorised Rep:	Shaun Bowden
Phone:	08-8132-1115
E-Mail:	sbowden@lanser.com.au
nbn Reference Number:	M000005711
Stage Number:	3
Design Revision:	8

STANDARD SEPARATIONS AND CONSTRUCTION NOTES:

1. PITS SHOULD BE INSTALLED AT LEAST 15.0M AWAY FROM EPR ZONES
2. PITS SHOULD BE INSTALLED 1000MM CLEAR FROM OTHER COMM. PITS
3. CONDUITS SHOULD BE INSTALLED 300MM CLEAR FROM HV CABLES
4. CONDUITS SHOULD BE INSTALLED 150MM CLEAR FROM GAS PIPES 110MM OR LESS
5. CONDUITS SHOULD BE INSTALLED 100MM CLEAR FROM ALL OTHER SERVICES
6. HORIZONTAL SEPARATION TO OTHER SERVICES INSIDE PROPERTY IS 150MM
7. DEPTH OF COVER FOR COMM. CONDUITS:  
ROAD CROSSINGS - 600MM  
VERGE - 450MM  
SERVICE DROP CONDUIT - 300MM

TRENCH CROSS SECTION

FINISHED GROUND LEVEL.

300 mm

450 mm

WARNING TAPE

AUTHORITY APPROVED BACKFILL & COMPACTION, (FINE GRANULAR MATERIAL)

TELECOMMUNICATION PLANT. NOTE: MINIMUM DEPTH OF COVER FOR TELECOMMUNICATION PLANT IS 600MM AT ROAD CROSSINGS

LV

HV

GAS

PIT DIMENSIONS TABLE - By Type & Size.			
PIT TYPE	Length	Width	Depth
P2 Pit	650mm	280mm	565mm
P5 Pit	700mm	450mm	650mm
P6 Pit	1360mm	555mm	650mm
P8 Pit	1360mm	555mm	860mm
P9 Pit	2040mm	550mm	900mm

DEVELOPMENT No. --- / D--- / --

HUNDRED OF

IN THE AREA OF

TOWN OF

MAP REF.

GRID REF. 1

THIS ESTATE HAS BEEN DESIGNED FROM DEVELOPER SUPPLIED PLANS

DRAWING No. : -

REV : -

ISSUE DATE : -

SCOPE OF WORKS:

DESIGN RETICULATION OF 56 LOT ESTATE WITH PIT & PIPE TO SUIT NBN GUIDELINES.

NOTE 1:

PROJECT HAS BEEN DESIGNED TO NBNCo. GUIDELINES.

ANY CONSTRUCTION CARRIED OUT BY DEVELOPERS/CONSTRUCTORS BASED ON THIS PLAN ARE TO BE CARRIED OUT AT OWN RISK. REFER TO NBNCo. WEB SITE FOR GUIDELINES FOR DEVELOPERS NBN-TE-STO-194.

NOTE 2:

ENSURE THAT THE INSTALLATION OF ALL P50 ROAD CROSSINGS ARE SET AS CLOSE TO 90 DEGREES AS POSSIBLE.

NOTE 3:

NO CONDUIT INFRASTRUCTURE INCLUDED IN THIS DESIGN IS TO BE CONNECTED TO ANY EXISTING INFRASTRUCTURE THAT IS NOT OWNED BY THE DEVELOPER.

NOTE 4:

ALL CONDUIT IS LOCAL UNLESS NOTED OTHERWISE.

NOTE 5:

CONTRACTOR TO SEAL AND BURY 100mm CONDUIT AT END OF PROVIDED SHARED TRENCH TO NBNCo. GUIDELINES.

NOTE 6:

REFER TO POWER/ELECTRICAL DESIGN FOR MINIMUM CLEARANCE DISTANCE REQUIRED BETWEEN ELECTRICAL PILLAR OR PIT AND TELECOMMUNICATIONS PIT.



REV	DATE	DRAFTER	DESCRIPTION	APPROVED
-				
-				
-				
-				
-				
B	16/12/19	C.RIGBY	FOR CONSTRUCTION	
A	29/10/19	C.RIGBY	DRAFT FOR REVIEW	

STRICTLY CONFIDENTIAL

NBNCO APPROVAL RECORD:

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

DD ☐ WD ☐ AB ☐

QUALITY RECORD :

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Australia's broadband network

nbn

TEC-NOUVE TELECOMMUNICATIONS

Australian Utilities Design Pty Ltd  
46 CORTLYNE ROAD,  
ROSTREVOR, SA 5073  
Ph: (08) 8365 8130  
Mob: 0418 837 069  
e-mail: [tecnuve@intermode.com.au](mailto:tecnuve@intermode.com.au)

KEY PLAN

001

002

DRAWING TITLE:

M000005711

MIRAVALE

STAGE 3

PIT AND PIPE DESIGN

ENABLE#: 279174

STATE: SA REGION:

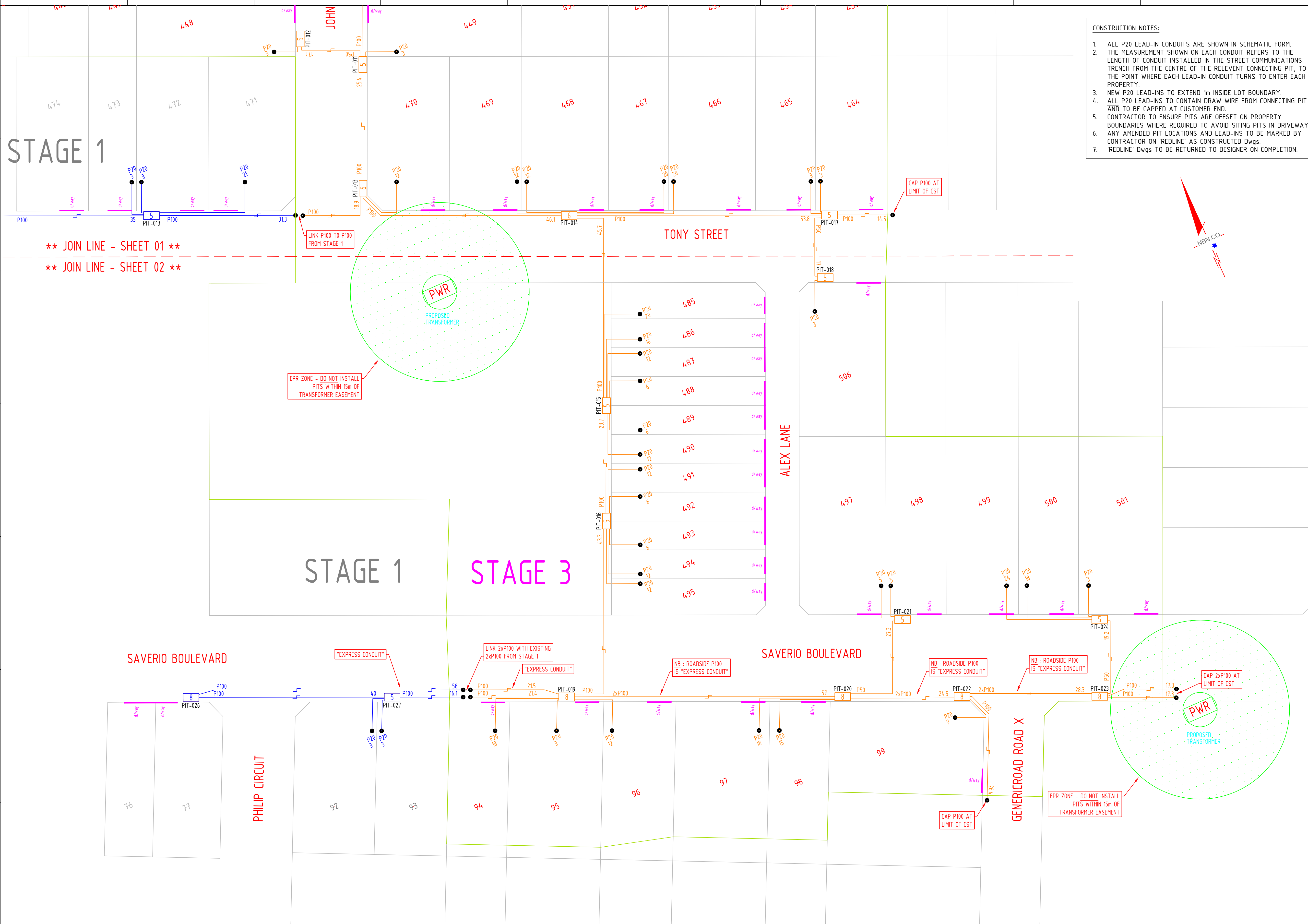
FSA: SAM: ADA:

PROJECT No: M000005711

CADREF No: LF 2053

SCALE N/A SHEET No. 001 OF 002 REV. B



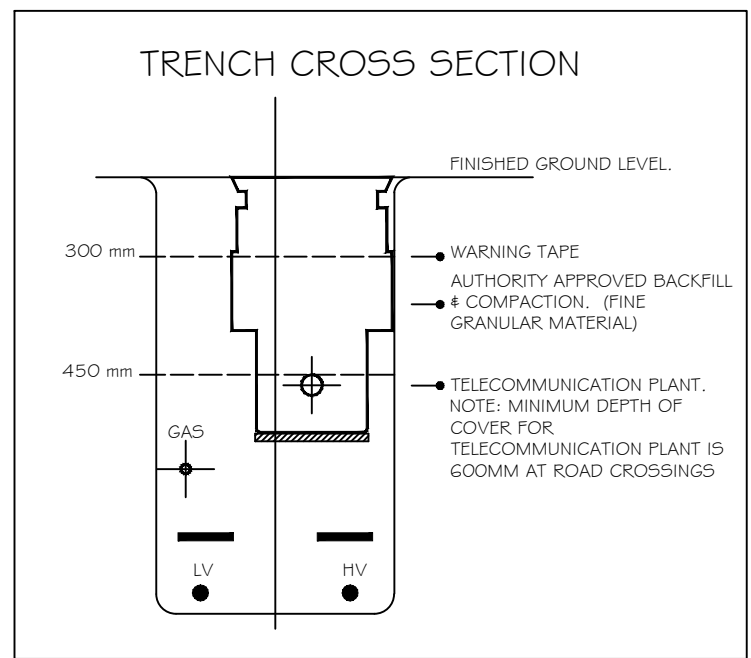


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FOR CONSTRUCTION				
BILL OF MATERIAL				
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Authorised Rep:	Shaun Bowden
Phone:	08-8132-1115
E-Mail:	sbowden@lanser.com.au
nbn Reference Number:	M000005711
Stage Number:	3
Design Revision:	8

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    - VERGE - 450MM
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PIT DIMENSIONS TABLE - By Type & Size.			
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P5 Pit	700mm	450mm	650mm
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P8 Pit	1360mm	555mm	860mm
P9 Pit	2040mm	550mm	900mm

DEVELOPMENT No. --- / D--- / --  
HUNDRED OF  
IN THE AREA OF  
TOWN OF  
MAP REF.  
GRID REF.:

THIS ESTATE HAS BEEN DESIGNED FROM  
DEVELOPER SUPPLIED PLANS

DRAWING No. : -  
REV. : -  
ISSUE DATE : -

SCOPE OF WORKS:  
DESIGN RETICULATION OF 56 LOT ESTATE WITH PIT & PIPE TO SUIT  
NBN GUIDELINES.

NOTE 1:  
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NBN-TE-STO-194.

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NOTE 6:  
REFER TO POWER/ELECTRICAL DESIGN FOR MINIMUM CLEARANCE  
DISTANCE REQUIRED BETWEEN ELECTRICAL PILLAR OR PIT AND  
TELECOMMUNICATIONS PIT.



-					
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-					
-					
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-					
B	16/12/19	C.RIGBY	FOR CONSTRUCTION		
A	29/10/19	C.RIGBY	DRAFT FOR REVIEW		
REV	DATE	DRAFTER	DESCRIPTION		APPROVED

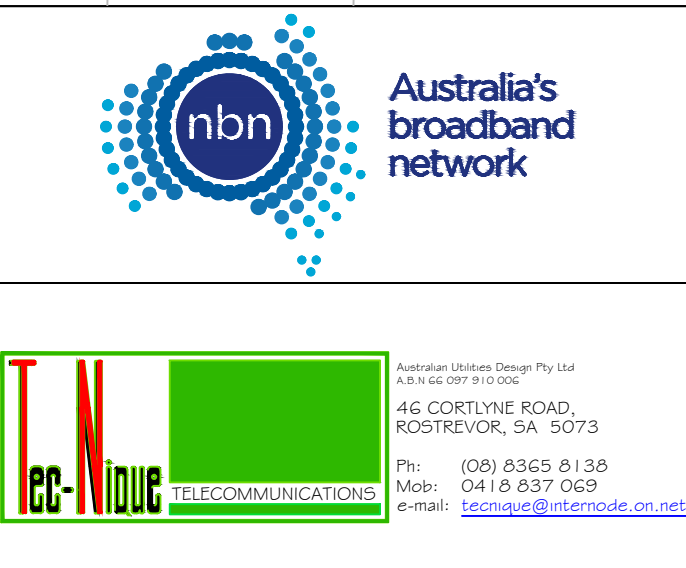
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NBNCO APPROVAL RECORD:

SIGNATURE	DATE
<input type="checkbox"/> DD	
<input type="checkbox"/> WD	
<input type="checkbox"/> AB	

QUALITY RECORD :

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N KEY PLAN

001

002

DRAWING TITLE:	
M000005711	
MIRAVALE	
STAGE 3	
PIT AND PIPE DESIGN	
ENABLE#: 279174	
STATE: SA	REGION:
FSA:	SAM:
PROJECT No:	M000005711
CADREF No:	LF 2053
SCALE	SHEET No.
N/A	002
OF	002
REV	B