

STANDARD DESIGN NOTES:

- THERE ARE A TOTAL OF 28 SINGLE RESIDENTIAL DWELLING LOTS.
- REFER TO SPA DRAWING 3394-E01 FOR COORDINATION WITH THE ELECTRICAL DESIGN.

LEGEND

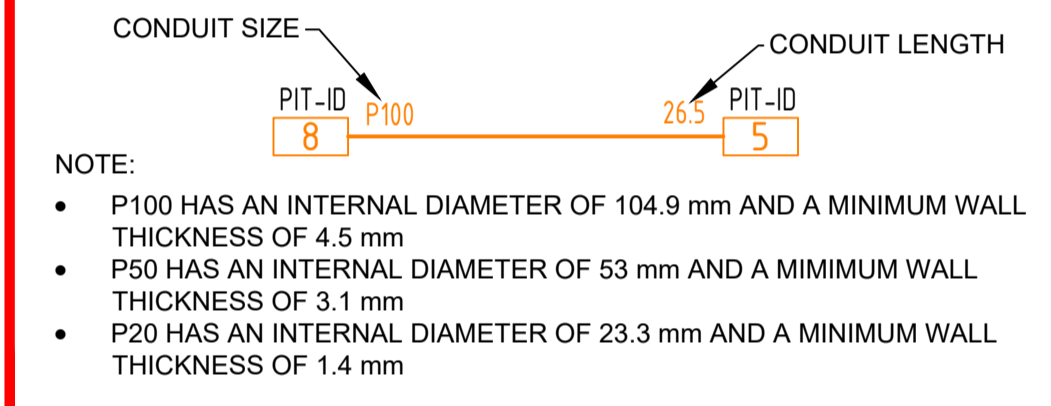
PIT-ID 2	NBN Co PIT TYPE 2 PLASTIC PIT OR SIMILAR	ZERO LOT PROPERTY BOUNDARY
PIT-ID 5	NBN Co PIT TYPE 5 PLASTIC PIT OR SIMILAR	SHARED TRENCH
PIT-ID 6	NBN Co PIT TYPE 6 PLASTIC PIT OR SIMILAR	TRANSFORMER / KIOSK / PAD MOUNT SUB-STATION / POLE MOUNT TRANSFORMER
PIT-ID 8	NBN Co PIT TYPE 8 PLASTIC PIT OR SIMILAR	END CAP CONDUIT WITH STATION NO.
5	EXISTING TELSTRA PIT (2,3,4,5,6,7,8,9)	CAP SERVICE CONDUIT (P50/P20) P20=P23 mm NBNCo SERVICE CONDUIT
PIT-ID 8	EXISTING NBN Co PIT	LOCAL CONDUIT (P100/P50)
---	EXISTING CONDUIT	NBNCo STAGE BOUNDARY

CONDUIT CONFIGURATION

CONDUITS AND DUCTS ARE IN LAYER:
 < L460 NBN Support - Underground >
 AND TERMINOLOGY CATEGORISED INTO TWO GROUPS IN THE DRAWINGS AS PER BELOW:

1-DUCT USED WITH LOCAL NETWORK
 2-CONDUIT USED WITH LEAD-IN DROPS

ATTRIBUTES ATTACHED TO CONDUITS ARE AS SHOWN



STANDARD CONSTRUCTION NOTES:

- REFER TO NBN Co DOCUMENT NO. NBN-TE-CTO-194 (DEPLOYMENT OF THE NBN Co CONDUIT AND PIT NETWORK - GUIDELINES FOR DEVELOPERS) FOR DETAILED CONSTRUCTION SPECIFICATION.
- MULTIPLE 15° CONDUIT BENDS TO BE USED TO SWING IN AND OUT OF THE STANDARD TRENCH ALIGNMENT AND ENTER THE NARROW ENDS OF THE PIT.
- PITS TO INCLUDE LID GASKET TO PREVENT DIRT ENTRY AND SPREADER BARS TO PREVENT PIT BUCKLING DURING BACKFILL / GROUND COMPACTION. PIT LIDS TO BE EMBOSSED WITH "NBN" AND COMPLY AS PER CLAUSE 5.3.2 OF THE ABOVE NBN Co DOCUMENT.
- SERVICE CONDUITS TO EXTEND 1m INSIDE THE FRONT PROPERTY BOUNDARY. REFER EXTENDED SERVICE CONDUIT DETAIL FOR DISTANCES FROM DIVIDING PROPERTY BOUNDARY FOR CAUTIONARIES WITHOUT PIT. CONTRACTORS TO TIE TELECOMMUNICATIONS CAUTION TAPE TO END OF SERVICE CONDUITS AND EXTEND TO ABOVE GROUND LEVEL FOR FUTURE CONDUIT LOCATION.
- ALL CONDUITS TO ENTER AND EXIT AT NARROW ENDS OF PITS ONLY. LOCATE CONDUITS AS CENTRALLY IN PIT END WALLS AS POSSIBLE. CONDUITS SHALL NOT BE INSTALLED WITHIN 50 mm OF ANY CORNER OF THE PIT. MINIMUM SEPARATION BETWEEN CONDUITS TO BE 25 mm. INSTALL CONDUITS AND CONDUIT COLLARS (BUSHES) TO BE SQUARE AND FLUSH WITH THE PIT END WALL. REFER TO THE PIT END WALL DETAILS IN THIS DESIGN FOR ADDITIONAL REQUIREMENTS.
- MINIMUM COVER TO BE: 300 mm FOR SERVICE DROP CONDUITS, 450 mm IN VERGE, 600 mm UNDER LOCAL ROADS, AND 800 mm UNDER MAIN ROADS.
- CONDUITS ARE TO BE CLEANED AND PROVEN USING A MANDREL. AFTER TESTING INSTALL A SUITABLE DRAW ROPE TO ALL CONDUITS AND CAP CONDUIT ENDS. SEAL CONDUITS AT PITS TO PREVENT ENTRY OF DUST AND MOISTURE. SERVICE CONDUIT DRAW ROPES TO BE ADDITIONALLY FITTED WITH A PLASTIC LABEL AT PIT END, IDENTIFYING LOT NUMBER AND DISTANCE / DIRECTION FROM BOUNDARY.
- INSTALL NON CONDUCTIVE (METAL FREE) MARKER TAPE ABOVE ALL NBN Co CONDUITS, 300 mm BELOW FINISHED GROUND LEVEL. INSTALL METALLIC KERB MARKERS AT ROAD CROSSINGS.
- REFER TO ERGON ENERGY STANDARD DRAWINGS 5228 AND 5168 SHEETS 1 TO 3 FOR SHARED TRENCH CROSS SECTIONS.
- GRADE TOP OF PIT TO MATCH VERGE / FOOTPATH.
- WHERE REQUIRED, SUPPLY AND INSTALL SERVICE AND ROAD CROSSING CONDUITS SHOWN IN THE SITE PLAN.
- WHERE CONDUIT BURIAL DEPTH IS LESS THAN THAT SPECIFIED IN THE NBN Co DEPLOYMENT OF CONDUIT AND PIT NETWORK GUIDELINES, SUPPLY AND INSTALL CONCRETE COVER (FOR VERGE AND FOOTPATH) / CONCRETE ENCASEMENT (FOR ROADWAYS) ENSURE THAT MINIMUM SEPARATION TO ALL OTHER SERVICES ARE MAINTAINED.
- WHERE SPECIFIED ON THE SITE PLAN, NBN Co CONDUIT TO BE INSTALLED UNDERNEATH STORM WATER. REFER TO THE NBN Co DEPLOYMENT OF CONDUIT AND PIT NETWORK GUIDELINES FOR THE MINIMUM CLEARANCES REQUIRED.
- SUPPLY AND INSTALL ADDITIONAL DEVIATING CONDUIT BENDS TO ACHIEVE THE INCREASED / DECREASED BURIAL DEPTH REQUIRED TO AVOID CLASH WITH OTHER SERVICES.
- CONDUIT INSTALLED IN PREVIOUS STAGE. FIBRE TO BE RETICULATED IN THIS STAGE.
- CONDUIT INSTALLED IN THIS STAGE. FIBRE TO BE RETICULATED IN FUTURE STAGE.
- NEW PIT TO BE INSTALLED IN FRONT OF EXISTING LIVE PILLAR AND CUT INTO EXISTING CONDUITS. WARNING LIVE CABLES AND SERVICES IN AREA. CONTRACTOR TO USE POT HOLING AND HYDRO-VAC EXCAVATION WHEN INSTALLING NEW PIT AND CONNECTING TO EXISTING CONDUIT.

SDU Development Information

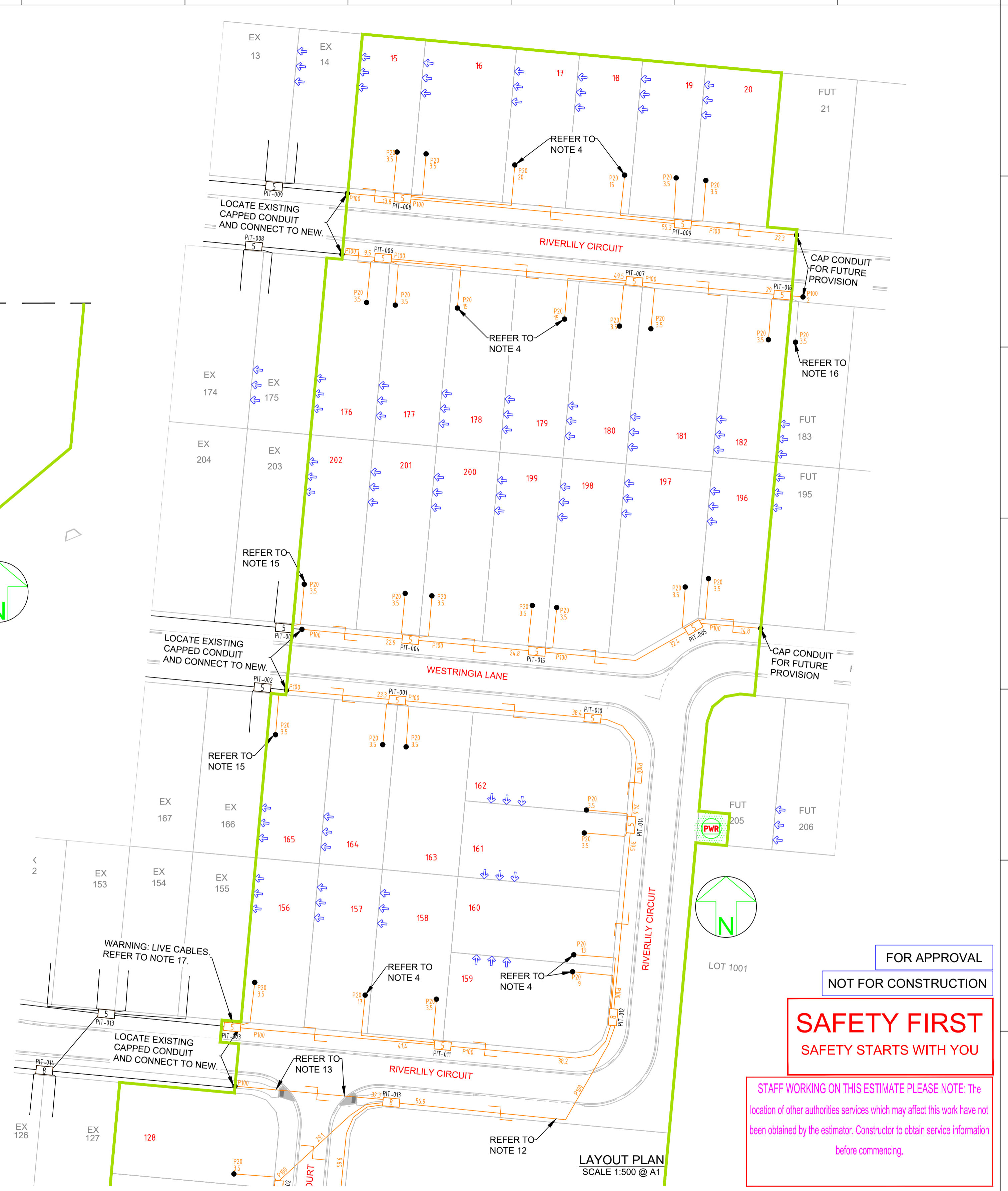
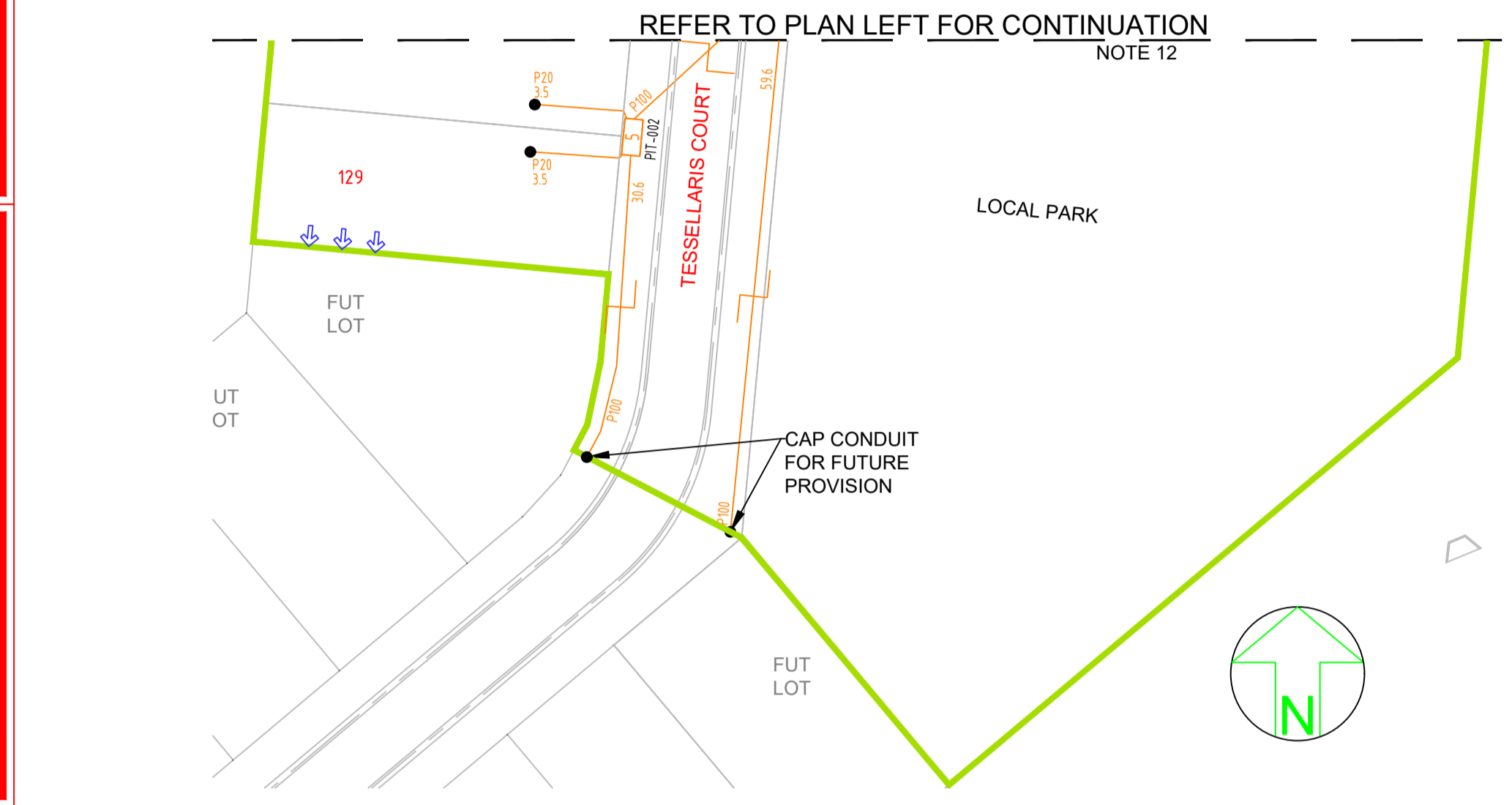
Development Name: The Reserve (Kalynda Chase)
 Developer Company: Urbex Pty Ltd
 Development Address: Rivertilly Circuit, Bohle Plains
 Authorised Rep: SPA Consulting Engineers (Qld) Pty Ltd
 Phone: 074.7283026
 E-Mail: admin@spaconsulting.com.au
 nbn Reference Number: STG-M000120120
 Stage Number: 14A
 Design Revision: 2

BILL OF MATERIAL

NO OF LOTS: 32

PITS		DUCTS	
SIZE	QTY	SIZE	QTY MTRS
P100	2	P100	22 690.2
P50	5	P50	0
P20	6	P20	32 191.5
P8	8		
P9	9		

TOTAL NUMBER OF PITS: 16
 TOTAL NUMBER OF MANHOLES: 0
 TOTAL NUMBER OF CONDUITS: 54
 TOTAL LENGTH OF CONDUITS: 881.7



FOR APPROVAL
 NOT FOR CONSTRUCTION

SAFETY FIRST
 SAFETY STARTS WITH YOU

STAFF WORKING ON THIS ESTIMATE PLEASE NOTE: The location of other authorities services which may affect this work have not been obtained by the estimator. Contractor to obtain service information before commencing.



REV	DATE	DRAFTER	DESCRIPTION	APPROVED
2	6/2/24	SW	FOR APPROVAL - STAGE BOUNDARY CHANGE	NBN
1	8/12/22	SW	FOR APPROVAL	NBN

STRICTLY CONFIDENTIAL

NBNC APPROVAL RECORD:

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

QUALITY RECORD:

NBNC DISCLAIMER
 THIS DOCUMENT HAS BEEN PREPARED SOLELY FOR THE USE OF NBNC LIMITED (ABN 86 136 533 741) FOR USE IN MAINTAINING NBNC FACILITIES. IT HAS NOT BEEN CREATED FOR ANY OTHER USE. IT SHOULD NOT BE SCALED TO LOCATE NBNC ASSETS. NO WARRANTY IS GIVEN THAT THE INFORMATION IS ACCURATE OR COMPLETE.

spa consulting engineers
 Simon Perkins & Associates
 Cairns (07) 4532 3311
 Townsville (07) 4728 3026
 PO Box 864 North Cairns QLD 4870
 Email Address: admin@spaconsulting.com.au
 SPA consults Engineers (Qld) Pty Ltd. A/C 11048849

THE Reserve
 From the developers of Kalynda Chase

DRAWING TITLE:
 THE RESERVE STAGE 14A
 NBNC PIT AND PIPE DESIGN
 LAYOUT PLAN

ENABLED:
 STATE: QLD REGION: NQ

FSA: SAM: ADA:

PROJECT No: STG-M000120120
 CADREF No: 3394-T01

SCALE AS SHOWN SHEET No. 1 OF 2 REV. 2