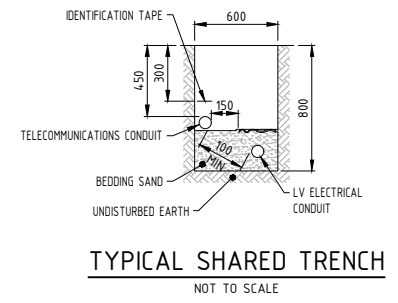
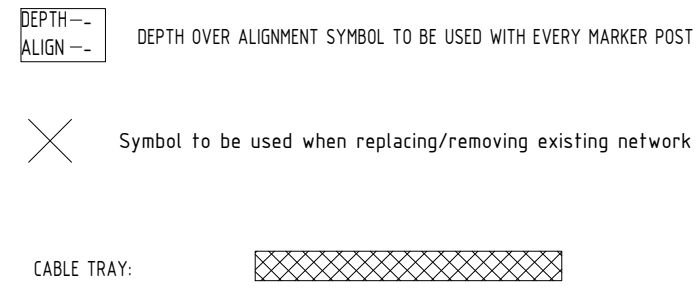


- (POP)** PRIVATELY OPERATED PAYPHONES
- (APS)** ASSISTANCE TELEPHONES (EG ELEVATOR AND ROADSIDE PHONES)
- (MET)** APPLY TO OTHER TYPE OF METERING POINT (any service)
- (ATM)** ATM
- (PRK)** BANDSTAND / ROTUNDA / SPORTS FIELD STANDS / OTHER PARK BUILDING
- (PSD)** POINT OF SALE DEVICE (vending machine, ticket machine)
- (TRF)** Traffic Lights / Traffic Light Controller / Variable Speed Sign / Traffic Signal
- (PBT)** Public Transport (bus stop, tram stop, railway station, taxi rank, ferry wharf)
- (SWT)** Links / Link Pole / MV / HV Links / ABC Links / Dynamic Switch / Airbrake Switch / Isolator
- (WAT)** Water Infrastructure (storage, pumps, valves water supply, waste water, sewerage stations)
- (GAS)** Natural Gas Infrastructure
- (CAM)** Camera (security / traffic)
- (CTL)** Bridge control, swing bridge, traffic control gates, railway boom gates)
- (MOB)** Mobile Phone Tower / radio antenna
- (LIT)** Street Lighting Pole / street light controller
- (CAR)** Unmanned (council) car park
- (PWR)** Transformer / Kiosk / Pad Mount Sub-station / Pole Mount Transformer

- NAP-ID**
N Network Access Point (NAP)
- MPT-ID**
N Multiport (MPT)
n is the number of ports (eg 4,6,8,12)

- TJL-ID**
Splice Joint on a Transit Cable (TJL)
- DJL-ID**
Splice Joint on a Distribution Cable (DJL)
- LJL-ID**
Splice Joint on a Local Cable (LJL)
- MJL-ID**
Splice Joint on a Tether Cable (MJL)
- AJL-ID**
Zone Terminal / Splice Joint (AJL)
- FDH-ID**
Fibre Distribution Hub-FDH Cabinet with Cabinet ID shown
- PIT-ID 2**
Service Drop Access Pit (650mmX280mmX565mm)
- PIT-ID 5**
Network Boundary/Local Network Pit (Single Lid) (700mmX450mmX650mm)
- PIT-ID 6**
Distribution/Local Network Connection Pit (Dual Lid) (1360mmX555mmX650mm)
- PIT-ID 8**
Distribution/Local Network Connection Pit (1360mmX555mmX860mm)
- PIT-ID 9**
Fibre Distribution Hub (FDH) Pit (2000mmX555mmX900mm)
- Existing Telstra manhole
- (5)** Existing Telstra Pit (2,3,4,5,6,7,8,9)
- Telstra exchange
- Example of Telstra Major Conduit Layout with Proposed duct marked to be used by NBN
- (M) < ->** NBN MARKER POST
MARKER POST TO BE NUMBERED
- DES QTY** Example of descriptor box that will show the type of work and the quantity involved
- PCD** Premise Connection Device (PCD)
- POLE-ID** Pole (showing pole identity)
- FAN AAAA** Fan Access Node site (FAN)
- 138A^{RX}_{CX}** Multi Dwelling Unit (MDU)
- Shared Trench



CONDUIT CONFIGURATION

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

1- DUCT USED WITH LOCAL NETWORK

2-CONDUIT USED WITH LEAD-IN DROPS
ATTRIBUTES ATTACHED ARE AS SHOWN

CABLE CONFIGURATION

CABLE TYPE:
CABLES DIVIDE INTO FOLLOWING CATEGORIES AND ARE COLOUR CODED:

TRANSIT CABLES	COLOUR NO: 1	312F
DISTRIBUTION CABLES	COLOUR NO: 190	288F
LOCAL CABLES	COLOUR NO: 4	144F
TETHER CABLES	COLOUR NO: 3	12F
LEAD IN (DROP) CABLES	COLOUR NO: 5	1F

CABLE SIZE:
CABLE SIZE IS THE TOTAL NUMBER OF OPTIC FIBRES IN THE CABLE AND IS DETERMINED BY A NUMBER FOLLOWED BY F (FIBRE) OR R (RIBBON) IN THE MIDDLE OF THE LINE TYPE

CABLE LOCATION:
CABLE LOCATIONS DETERMINES WHERE THE CABLE IS USED AS PER BELOW:

IN-CONDUIT	288F
AERIAL	144F
BURIED	96F

EXAMPLE:
14.4 FIBRE AERIAL LOCAL CABLE — 144F
1 FIBRE BURIED DROP CABLE — 1F
432 FIBRE IN-CONDUIT TRANSIT CABLE — 48F

LINE TYPES ARE CATEGORIZED INTO 3 TYPES:
1- IN-CONDUIT: DXXXF_BI12F_...
2- AERIAL: DXXXF_AI144_A_...
3- BURIED: DXXXF_BI12_B_...

BOUNDARIES:
FSA Boundary
FSAM Boundary
FDA Boundary

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. Constructor to obtain service information before commencing.



SAFETY FIRST
SAFETY STARTS WITH YOU



REV	DATE	DRAFTER	DESCRIPTION	APPROVED
0	19/05/2020	D. WOODCOCK	ISSUED FOR CONSTRUCTION	
A	06/05/2020	D. WOODCOCK	ISSUED FOR APPROVAL	B. IBBS

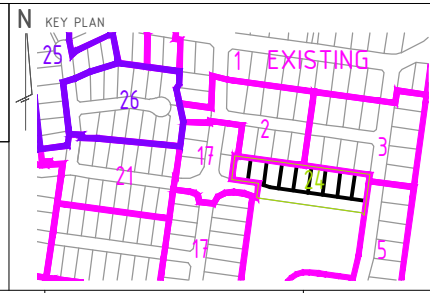
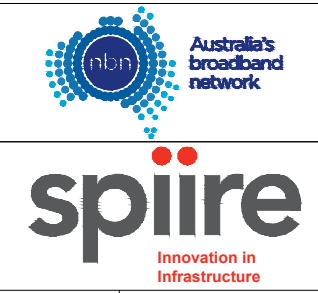
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NBNCO APPROVAL RECORD:

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<input type="checkbox"/> WD	_____
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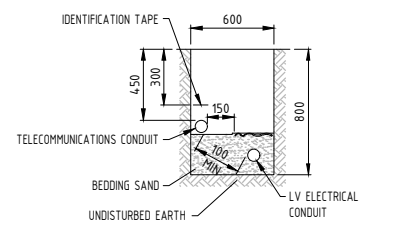
QUALITY RECORD:

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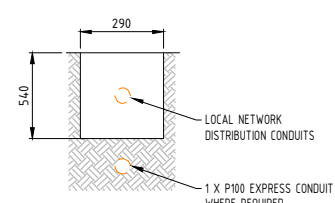


DRAWING TITLE:
STG-M000027584
MCIVOR FOREST STAGE 24
ARGYLL DRIVE JUNORTOUN
CITY OF GREATER BENDIGO (DS-1001-2013)

STATE: VIC	REGION: JUNORTOUN	
FSA: _____	SAM: _____	ADA: _____
PROJECT No: STG-M000027584		
CADREF No: 307392CT100		
SCALE: N/A	SHEET No: 1 OF 2	REV: 0

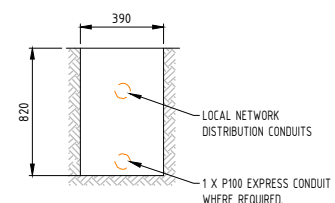


TYPICAL SHARED TRENCH
NOT TO SCALE



TYPICAL P5 PIT
NOT TO SCALE

NOTES:
EXPRESS P100 CONDUIT TO BE CONTINUOUS UNDERNEATH P5 PITS. MINIMUM CLEARANCE TO ELECTRICAL CABLES IS TO BE MAINTAINED TO P100 EXPRESS CONDUIT AND LOCAL NETWORK DISTRIBUTION CONDUITS AS SHOWN ON TYPICAL SHARED TRENCH DETAIL.



TYPICAL P8 PIT
NOT TO SCALE

NOTES:
EXPRESS P100 CONDUIT TO BE CONTINUOUS THROUGH P8 PITS. MINIMUM CLEARANCE TO ELECTRICAL CABLES IS TO BE MAINTAINED TO P100 EXPRESS CONDUIT AND LOCAL NETWORK DISTRIBUTION CONDUITS AS SHOWN ON TYPICAL SHARED TRENCH DETAIL.

Development Information	
Development Name: McIVOR FOREST ESTATE, STAGE 24	
Developer Company: McIVOR FOREST PTY LTD	
Development Address: ARGYLL DRIVE, JUNORTOUN	
Authorised Rep: DAVE WOODCOCK Phone: (03) 584 91037 E-Mail: Dave.Woodcock@spiire.com.au	
CRM ID: STG-M000027584	Stage Number: 24

BILL OF MATERIAL				
NO OF LOTS: 9				
PITS		DUCTS		
SIZE	QTY	SIZE	QTY	MTRS
2	3	P100	3	123
5	3	P50	3	64.3
6	0	P20	7	66.7
8	0			
9	0			
TOTAL NUMBER OF PITS:		6		
TOTAL NUMBER OF MANHOLES:		0		
TOTAL NUMBER OF CONDUITS:		13		
TOTAL LENGTH OF CONDUITS:		254		

- NOTES:**
- ALL CONSTRUCTION TO BE INSTALLED IN SHARED TRENCH UNLESS OTHERWISE SHOWN.
 - ALL P20 PROPERTY CONNECTIONS ARE 0.5m FROM BOUNDARY UNLESS DIMENSIONED OTHERWISE.
 - ALL OFFSETS TO P2 PITS ARE 0.8m FROM PROPERTY BOUNDARY UNLESS DIMENSIONED OTHERWISE.
 - P2 PITS TO BE INSTALLED IN FOOTPATH.
 - NBN DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ROAD & DRAINAGE DRAWINGS.
 - ALL COORDINATES TO MGA 94, ZONE 55
- CONSTRUCTION**



REV	DATE	DRAFTER	DESCRIPTION	APPROVED
0	19/05/2020	D. WOODCOCK	ISSUED FOR CONSTRUCTION	B. IBBS
A	06/05/2020	D. WOODCOCK	ISSUED FOR APPROVAL	B. IBBS

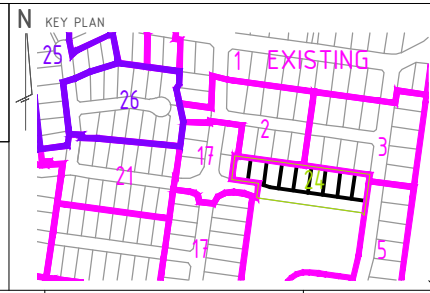
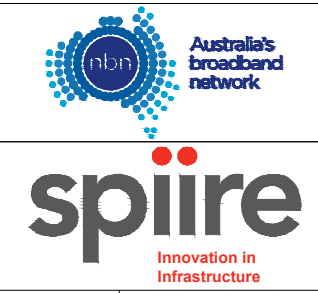
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NBNCO APPROVAL RECORD:

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

QUALITY RECORD:

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STATE: VIC	REGION: JUNORTOUN	
FSA:	SAM:	ADA:
PROJECT No: STG-M000027584		
CADREF No: 307392CT101		
SCALE: 1:500	SHEET No: 2 OF 2	REV: 0