

SITE INFORMATION:

1. SITE ADDRESS

LOT 1252 ON DP 209771, 34 DURACK ROAD, WYNDHAM, WA 6470.

2. GENERAL

THE CONTRACTOR SHALL COMPLY WITH ALL RELEVANT NBN CONSTRUCTION STANDARDS, CURRENT AUSTRALIAN STANDARDS AND SPECIFICATIONS.

3. SITE ACCESS

ENTERING WYNDHAM ON THE GREAT NORTHERN HIGHWAY AND TRAVEL 4km NORTHWEST. TURN LEFT ONTO SHARPE STREET AND TRAVEL SOUTH WEST APPROX 230m. ENTER UNSEALED DURACK ROAD AND TRAVEL 230m. SITE IS LOCATED 35m OPPOSITE OF ACCESS GATES OF WYNDHAM COUNCIL WATER TREATMENT PLANT.

4. EQUIPMENT

NBN OUTDOOR CABINETS E6150 (1-OFF) AND B158 (1-OFF) ON ELEVATED STEEL PLATFORM.

5. STRUCTURE

NBN 40m HIGH MONOPOLE.

6. ANTENNA ACCESS

ANTENNA ACCESS VIA TOWER MOUNTED ACCESS LADDER WITH FALL ARREST OR EWP BY QUALIFIED PERSONNEL ONLY.

7. EXISTING SERVICES

THE CONTRACTOR SHALL IDENTIFY AND CONFIRM THE LOCATION OF ALL RELEVANT EXISTING SERVICES AS REQUIRED PRIOR TO THE COMMENCEMENT OF WORKS.

8. EXISTING SITE HAZARDS

THE FOLLOWING HAZARDS ARE PRESENT ON SITE:

- ELECTRICAL CABLING AND/OR TRIP HAZARDS
- EXCAVATION WORKS
- CRANE LIFTING WORKS
- MANUAL HANDLING
- WORKING AT HEIGHT
- EME EXCLUSION ZONES OF ANTENNAS ON FACILITY

9. ELECTRICAL SUPPLY

REFER TO DRGS C2 AND C3 FOR ELECTRICAL DETAILS

10. TRANSMISSION LINK & RF CONFIGURATION

REFER TO DRAWINGS 6GLZ-6KNR-5101-A1 AND A2 FOR DETAILS.

11. SITE SPECIFIC INFORMATION

DO NOT ACCESS SITE VIA KIMBERLEY STREET AS TRACK MAY GET FLOODED. ROCKY GROUND CONDITIONS AROUND PROPOSED CANDIDATE LOCATION. AREA IS PRONE TO FLOODING.

12. LATTICE TOWER WIND LOAD PARAMETERS

SITE TOPOGRAPHICAL DATA		
REGION	TERRAIN CATEGORY	TOPOGRAPHIC MULTIPLIER (M†)
X	XX	XX

13. SITE SIGNAGE REQUIREMENTS

NBN CONTRACTOR NEED TO INSTALL SIGNAGE AS REQUIRED TO COMPLY WITH NBN STANDARD DRAWINGS NBN-STD-0025-SHTS 1&2.

14. SCOPE OF WORK:

RF SCOPE

- NBN PANEL ANTENNAS (6-OFF) ON NEW MOUNTS. REFER TO DRGS. A1 AND A2 FOR DETAILS
- NBN TRIANGULAR HEADFRAME (1-OFF) AND STAND-OFF MOUNTS (3-OFF)
- NBN HYBRID FEEDER CABLE 6x12 (2-OFF)
- NBN CANISTERS (2-OFF)

TX SCOPE

MOUNT ALBANY LINK (DISH A):

- NBN Ø600 PARABOLIC ANTENNA (1-OFF) WITH NBN RAU'S (2-OFF) BEHIND NEW Ø600 PARABOLIC ANTENNA ON NEW FACE MOUNT
- NBN FEEDER CABLES LDF1-50 (2-OFF)

GROUND WORKS:

- NBN OUTDOOR CABINETS E6150 (1-OFF) AND B158 (1-OFF) ON ELEVATED STEEL PLATFORM
- NBN OUTDOOR CABINET STEEL SUPPORT FRAMES (2-OFF)
- NBN 300mm WIDE CABLE LADDER BETWEEN CABINETS
- NBN METER PANEL
- NBN CONSUMER MAIN FROM PRIVATE POLE TO NBN METER BOARD

Client:



Client:

Client:

Project:

NATIONAL BROADBAND
NETWORK
SITE No: 6GLZ-6KNR-5101
WYNDHAM
34 DURACK ROAD
WYNDHAM
WA 6470

PRELIMINARY

01	15.01.25	PRELIMINARY	YL
Rev	Date	Revision	Details



ServiceStream

DESIGNER: SP

CHECKED: PM

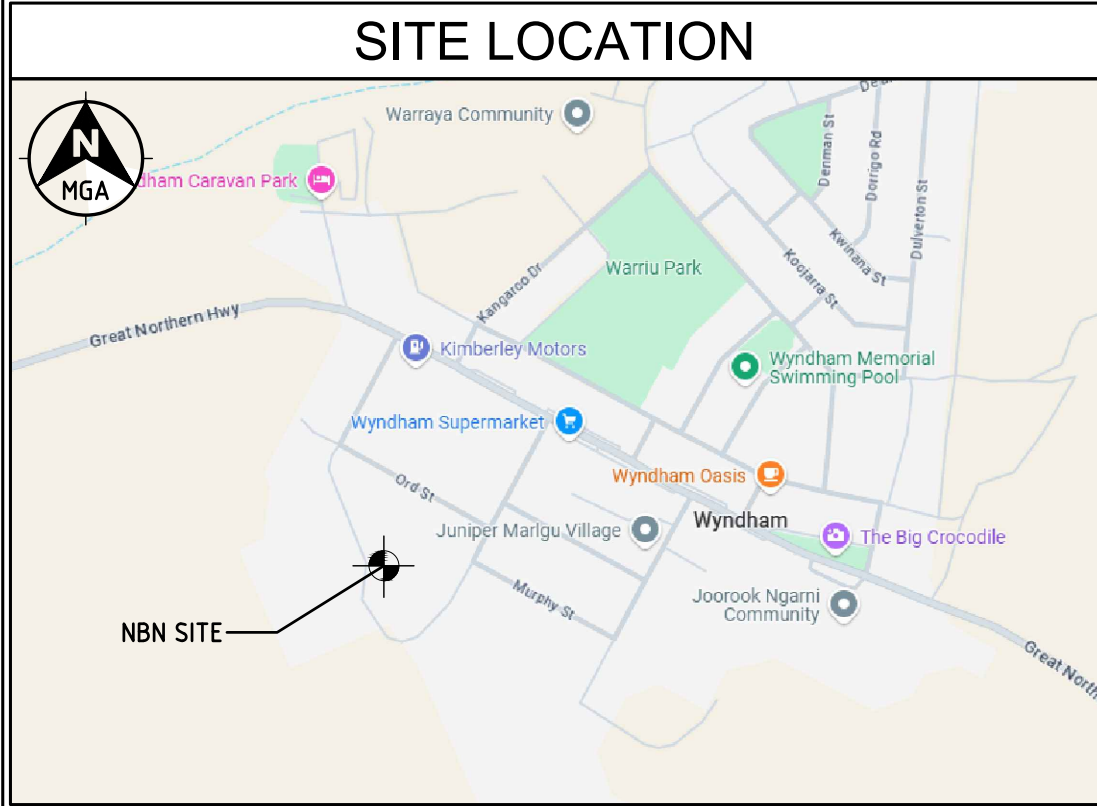
APPROVED: IZ

Drawing Title:

SITE SPECIFIC
NOTES

Drawing No.
6GLZ-6KNR-5101-C1

Revision
01



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SITE CO-ORDINATES	
LATTICE TOWER LOCATION	
DATUM: MGA(GDA 94)	ZONE: 52L
EASTING	405 169.31
NORTHING	8 287 537.89
LATITUDE	-15.487657°
LONGITUDE	128.115909°

LEGEND

— NUE — NUE — NBN UNDERGROUND ELECTRICAL

PILLAR/PIT TO BE INSTALLED BY WESTERN POWER. TBC BY POWER APPLICATION

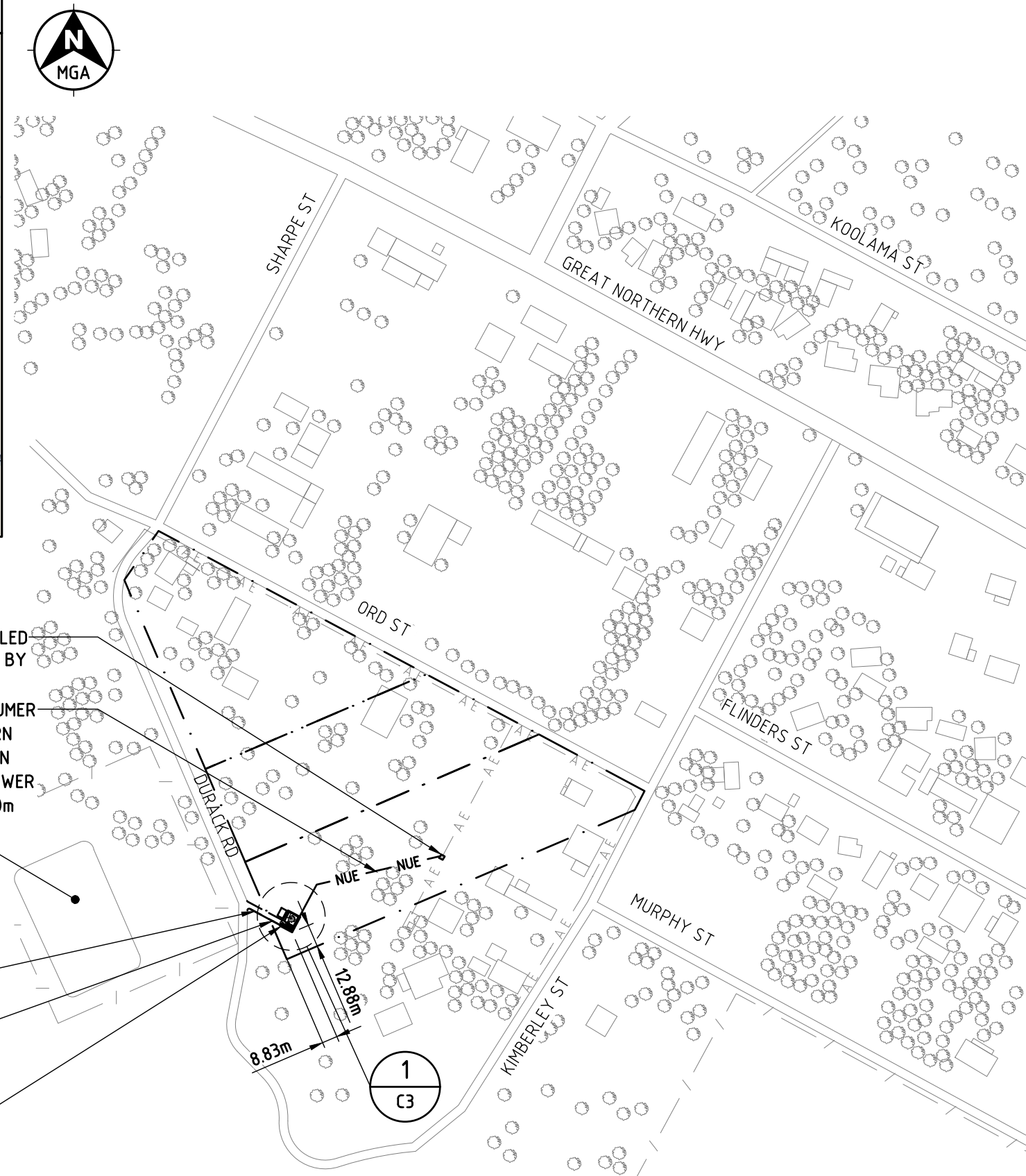
NBN UNDERGROUND CONSUMER MAINS FROM NEW WESTERN POWER PILLAR/PIT TO NBN METER BOARD. TBC BY POWER APPLICATION, APPROX. 70m

EXISTING WYNDHAM COUNCIL WATER TREATMENT PLANT

NBN PRIMARY SITE ACCESS ROUTE

NBN FIBRE ROUTE

NBN SITE LOCATION



OVERALL SITE PLAN

SCALE 1:3000

Client:

Client:

Client:

Project:
NATIONAL BROADBAND NETWORK
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34 DURACK ROAD
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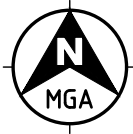
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Drawing Title:
OVERALL SITE PLAN

Drawing No.
6GLZ-6KNR-5101-C2

Revision
01



NOTES:
1. REFER A1 & A2 FOR RF, TRANSMISSION AND GPS ANTENNA DETAILS.

NBN COMPOUND SECURITY FENCE WITH ACCESS GATE. REFER TO DRG. NBN-STD-0012 FOR DETAILS

NBN RF ANTENNAS (6-OFF)

NBN TRANSMISSION ANTENNA (MOUNT ALBANY)

NBN SITE ACCESS ROUTE (35m)

NBN 40m HIGH MONOPOLE

NBN MONOPOLE FOUNDATION

NBN 300mm WIDE CABLE LADDER WITH (1-OFF) CABLE LADDER SUPPORT POST

NBN GPS UNIT (1-OFF). FIXED TO THE CABLE TRAY SUPPORT POST. REFER TO DRG. NBN-STD-0036 FOR DETAILS

NBN FIBRE PIT

TEMPORARILY GENERATOR AREA (3.5m x 2m)

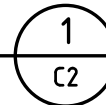
CRANE AREA

NBN OUTDOOR CABINET E6150. REFER TO DRG. NBN-STD-0016-SHT 4 FOR DETAILS

NBN 300mm CABLE LADDER BETWEEN CABINETS

NBN OUTDOOR CABINET B158. REFER TO DRG. NBN-STD-0016-SHT 5 FOR DETAILS

DETAIL
SCALE 1:75



LEGEND

— NUE — NUE — NBN UNDERGROUND ELECTRICAL
— NUF — NUF — NBN UNDERGROUND FIBRE



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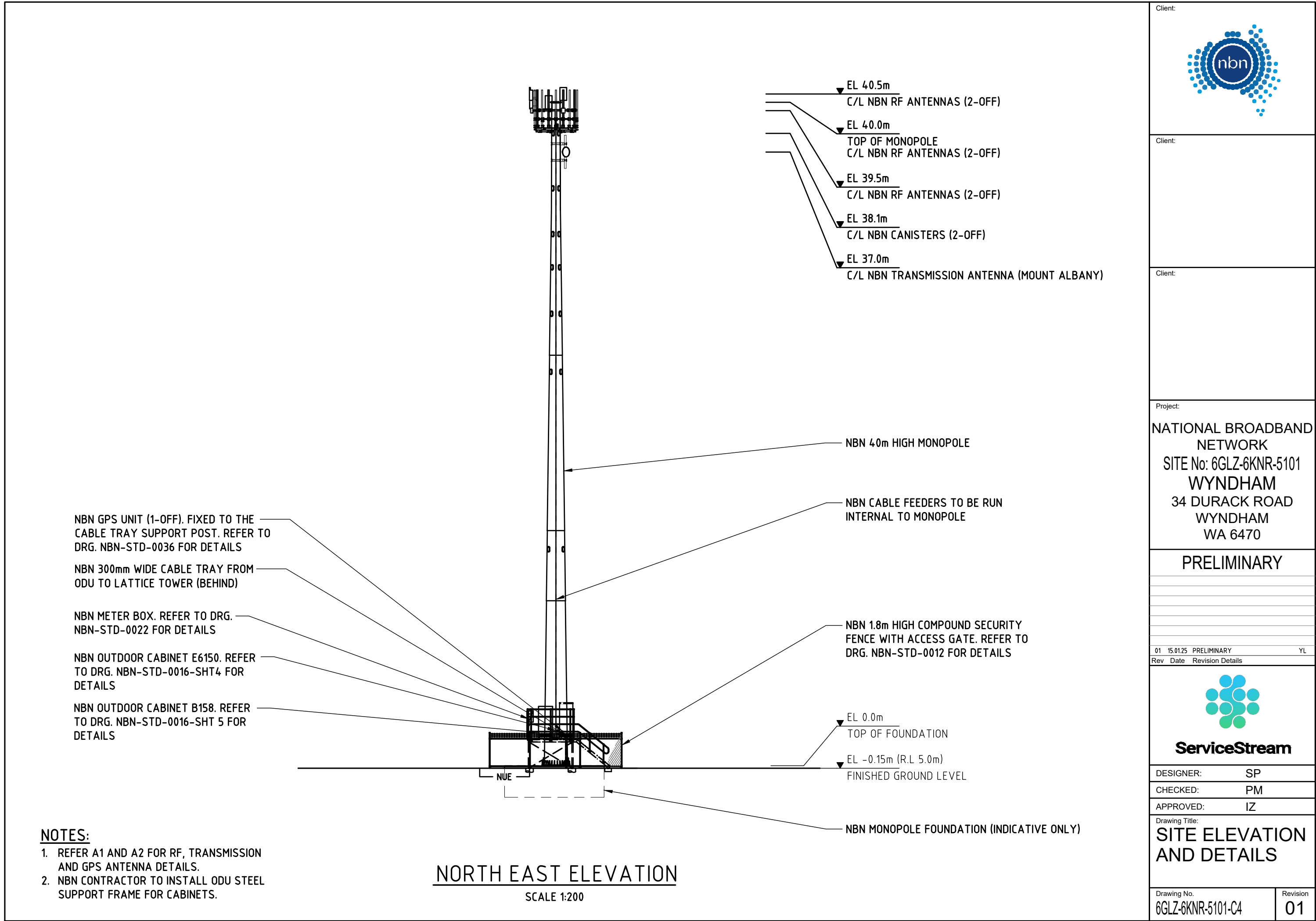
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APPROVED: IZ


Drawing Title:
**SITE SETOUT
PLAN**

Drawing No.
6GLZ-6KNR-5101-C3

Revision
01



Client:



Client:


Client:

Project:

NATIONAL BROADBAND
NETWORK
SITE No: 6GLZ-6KNR-5101
WYNDHAM
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WYNDHAM
WA 6470

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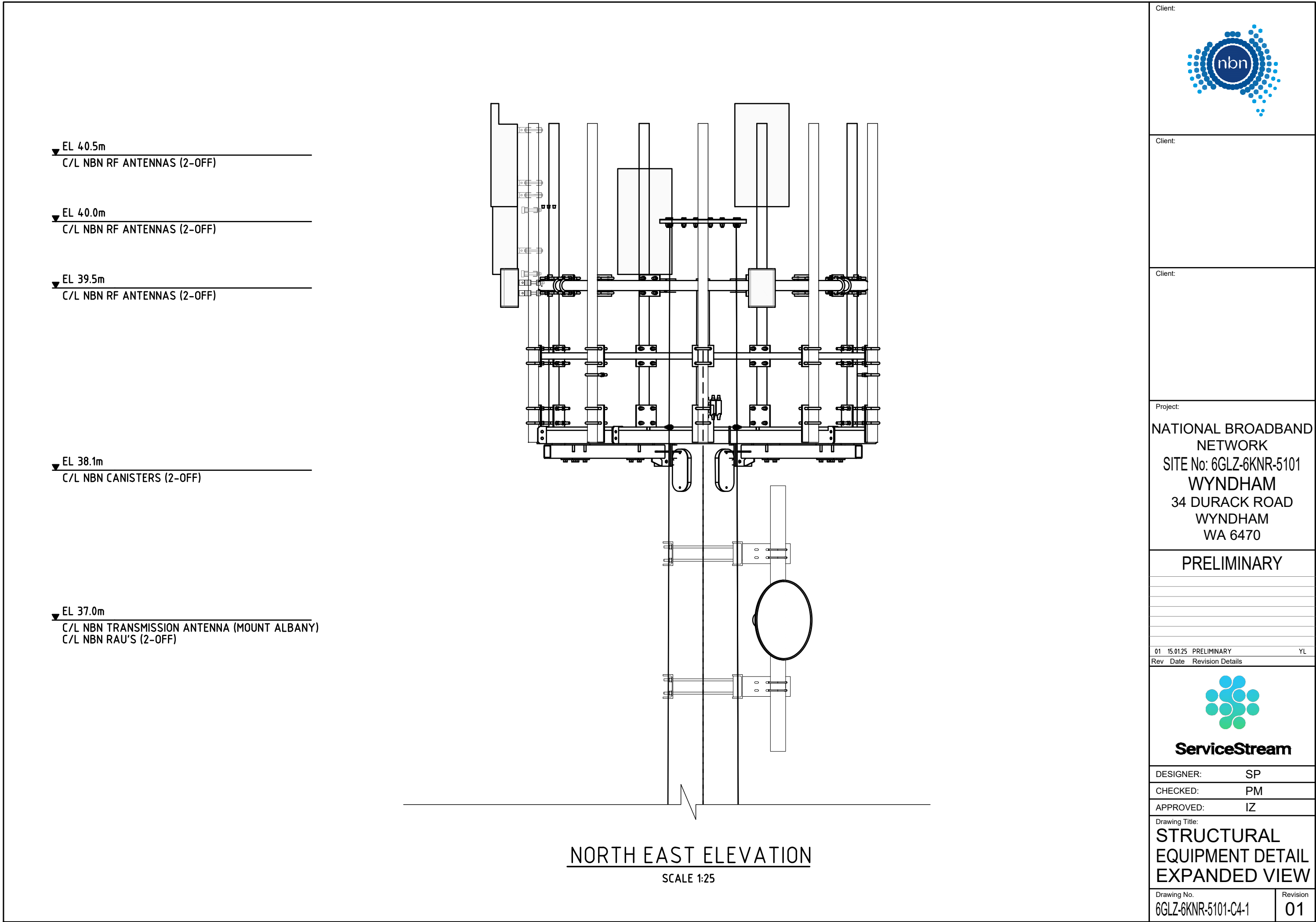
SITE ELEVATION
AND DETAILS


Drawing No.

6GLZ-6KNR-5101-C4

Revision

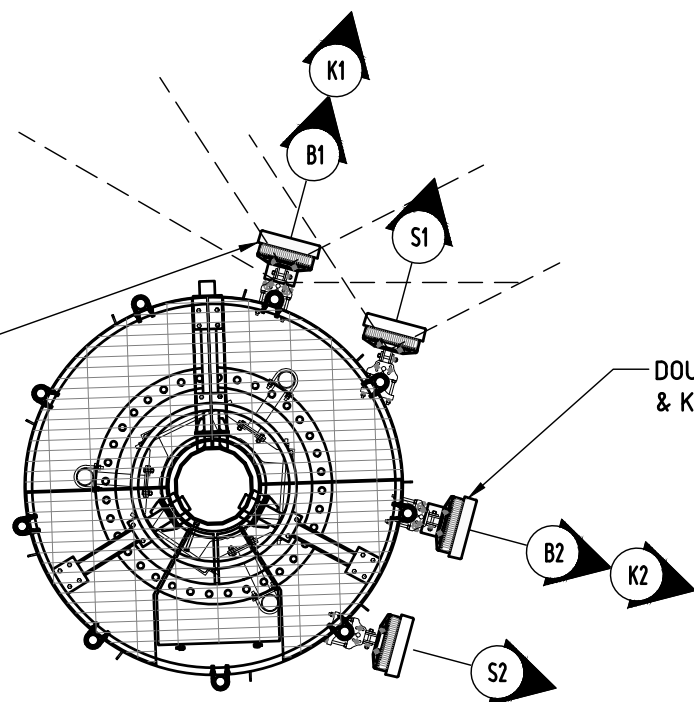
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NBN RF ANTENNA CONFIGURATION - 3000MHz & 3400MHz																					Client:		
SECTOR	RF ANTENNA DETAIL								MAIN FEEDER DETAIL					RRU DETAIL					RF TAIL		RET CABLE		
	TYPE	DIMENSION HxWxD	C/L HEIGHT	AZIMUTH (TN)	E-TILT		MECH TILT	ANTENNA ACTION REQUIRED	TYPE	OVERALL LENGTH	CANISTER HEIGHT	CANISTER TO RRU LENGTH	FEEDER ACTION REQUIRED	TYPE	LOCATION	C/L HEIGHT	ANTENNA PORT	RRU ACTION REQUIRED	TYPE	LENGTH	LENGTH		
S1	ERICSSON AIR6419	929x506x208	40m	15°	P1&P2	2°	0°	INSTALL	H&S HYBRID MKII 6x12 F1	50m	38.1m	4m	INSTALL										
B1	ERICSSON AIR3219	776x408x199	40.5m	15°	P1&P2	2°	0°	INSTALL				4m	INSTALL										
S2	ERICSSON AIR6419	929x506x208	40m	105°	P1&P2	2°	0°	INSTALL				4m	INSTALL										
B2	ERICSSON AIR3219	776x408x199	40.5m	105°	P1&P2	2°	0°	INSTALL				4m	INSTALL										
NBN RF ANTENNA CONFIGURATION - 2600MHz																					Client:		
SECTOR	RF ANTENNA DETAIL								MAIN FEEDER DETAIL					RRU DETAIL					RF TAIL		RET CABLE		
	TYPE	DIMENSION HxWxD	C/L HEIGHT	AZIMUTH (TN)	E-TILT		MECH TILT	ANTENNA ACTION REQUIRED	TYPE	OVERALL LENGTH	CANISTER HEIGHT	CANISTER TO RRU LENGTH	FEEDER ACTION REQUIRED	TYPE	LOCATION	C/L HEIGHT	ANTENNA PORT	RRU ACTION REQUIRED	TYPE	LENGTH	LENGTH		
K1	ERICSSON AIR5322 B257	290x200x136	39.5m	15°	P1&P2	0°	5.5°	INSTALL	H&S HYBRID MKII 6x12 F2	50m	38.1m	4m	INSTALL										
K2	ERICSSON AIR5322 B257	290x200x136	39.5m	105°	P1&P2	0°	5.5°	INSTALL				4m	INSTALL										
NBN TRANSMISSION AND GPS ANTENNA CONFIGURATION																					Client:		
SECTOR	ANTENNA DETAIL						RAU DETAIL			MAIN FEEDER DETAIL			TX SPLITTERS DETAILS										
	TYPE	DIMENSION	C/L HEIGHT	AZIMUTH (TN)	DESTINATION	ANTENNA ACTION REQUIRED	COUNT	TYPE	ACTION	TYPE	OVERALL LENGTH	ACTION	COUNT	ACTION									
A	PARABOLIC ANT3 A 0.6 18 HPX	ø600	37m	334°	MOUNT ALBANY	INSTALL	2	ML6365	INSTALL	LDF1-50	2 x 50m	INSTALL	-	-									
GPS	KRE 101 2182/1	ø69 x 96	2.5m	-	-	INSTALL	-	-	-	LDF1-50	8m	INSTALL	-	-									
																					Project:		
																			NATIONAL BROADBAND NETWORK SITE No: 6GLZ-6KNR-5101 WYNDHAM 34 DURACK ROAD WYNDHAM WA 6470				
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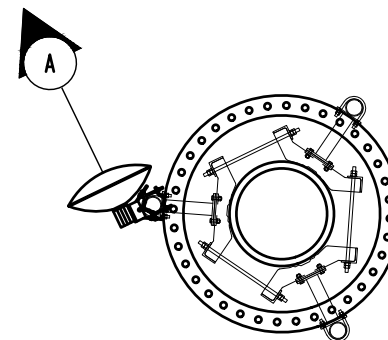
DOUBLE STACK
B1 @ 40.5m &
K1 @39.5m



DOUBLE STACK B2 @ 40.5m
& K2 @39.5m

NBN ANTENNA SETOUT PLAN (RF)

SCALE 1:50



NBN ANTENNA SETOUT PLAN (TRANSMISSION)

SCALE 1:50

Client:



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**NBN ANTENNA
SETOUT PLAN**

Drawing No.
6GLZ-6KNR-5101-A2

Revision
01