SCOPE OF WORKS

WAX Design Pty.Ltd
3/241 Pirie Street
Adelaide, SA 5000
T 08 8215 0144
E studio@waxdesign.com.au

PROJECT
NAIRNE VILLAGE GREEN (STAGE B - PLAY AND YOUTH)

CLIENT
MOUNT BARKER DISTRICT COUNCIL
6 DUTTON ROAD
MT BARKER SA 5251

DATE
11/08/21

DRAWING STATUS
TENDER

SCALE	DRAWN BY	NORTH
1:500	BL	
PROJECT No.	CHECKED BY	
19NVG	WK	

STAGE B DRAWING LIST

	REVISION
L00 (LEGEND)	T1
L01 (DEMOLITION)	T1
L02 (EXTERNAL WORKS)	T1
L03 (SET OUT)	T1
L04 (PLANTING)	T1
D01 (DETAILS)	T1
D02 (DETAILS)	T1
D03 (DETAILS)	T1

NOTES

ALL SERVICES ARE SHOWN ON WAX DESIGN DRAWINGS ARE ISSUED 'FOR INFORMATION' ONLY.

FINAL CO-ORDINATION AND CONFIRMATION OF SURVEY, DIAL BEFORE YOU DIG AND ALL RELEVANT INFORMATION TO BE REVIEWED BY ALL CONTRACTORS PRIOR TO COMMENCEMENT OF WORKS. FINAL LOCATION TO BE CONFIRMED ON SITE.

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ALL PLANS TO BE PRINTED IN COLOUR

SCOPE OF WORKS

DEMOLITION (DE)

- DE01 — REMOVE EXISTING FURNITURE AND EQUIPMENT AND RETURN TO DEPOT
- DE03 — REMOVE EXISTING BUILDINGS, INFRASTRUCTURE AND ARISINGS, CAP SERVICES AND MAKE GOOD
- DE04 — GENERAL SITE CLEARANCE (REMOVE FURNITURE, CONCRETE, BITUMEN, AND ALL ARISINGS)
- RT04 — RETAIN EXISTING FURNITURE AND SIGNAGE
- RT05 — RETAIN EXISTING SURFACES, PAVING, AND FEATURES (MODIFICATION AS PART OF EXTERNAL WORKS)
- RT06 — RETAIN EXISTING KERB AND GUTTER
- RU01 — FIXTURES TO BE REMOVED AND STORED FOR REUSE

PAVING SURFACES (PV)

- PV01 — BRUSHED CONCRETE (03 D01)
- PV06 — TROWELLED CONCRETE (REFER ENGINEERS DWG.)
- PV08 — COMPACTED QUARRY RUBBLE (REFER TO ENGINEERS DWG)
- EXPANSION JOINT (02 D01)
- CONTROL JOINT (01 D01)

SURFACES (SF)

- SF03 — RESEED AND TOPDRESSED GRASS
- SF04 — SOFT FALL MULCH (07 D01)
- SF05 — RUBBER SOFT FALL (08 D01)
- TI01 — TACTILE GROUND SURFACE INDICATORS (REFER ENGINEERS DWG)

GARDEN BEDS + RAIN GARDENS + MULCH

- GB01 — CULTIVATED GARDEN BEDS (WITH ORGANIC MULCH)
- GB02 — ORGANIC MULCH SURFACE

WALLING + KERBS + EDGES

- ED03 — CONCRETE KERB AND GUTTER (10 D01)
- ED05 — TIMBER EDGE (11 D01) (12 D01)
- ED07 — CONCRETE SLAB SEATING EDGE (05 D02)
- FN02 — FLUSH TOP TUBULAR FENCE
- PR1 — PRAM RAMP WITH TACTILE INDICATORS (REFER ENGINEERS DWG)
- ROCK EDGING
- RW03 — RETAINING WALL (REFER ENGINEER'S DWG.) (04 D02)

OBJECTS

- OB04 — PICNIC BENCH
- OB06 — RUBBISH BIN
- OB12 — FLYING FOX (AS SPECIFIED) (04 D03)
- OB13 — POMMEL CROSSING (AS SPECIFIED)
- OB14 — SPIDER WEB (AS SPECIFIED)
- OB15 — NEST SWING (AS SPECIFIED)
- OB16 — JUMPING DISC (AS SPECIFIED)
- OB17 — HILL SLIDE (AS SPECIFIED) (01 D03) (02 D03) (03 D03)
- OB18 — 800H CANTILEVER QUARTER PIPE (REFER ENGINEERS DWG.)
- OB19 — CURVED WALL (REFER ENGINEERS DWG.)
- OB20 — CURVED FLAT BAR (REFER ENGINEERS DWG.)
- OB21 — 200H LEDGE (REFER ENGINEERS DWG.)
- HR — HANDRAIL (06 D02)
- TOILET
- EMBANKMENT/EDGING LOG
- STEPPING LOG (16 D01)
- SEATING LOG (16 D01) (03 D02)
- ROCK SCRAMBLE (01 D03) (02 D03) (03 D03)
- SEATING ROCK (18 D01) (03 D02)
- ROCK STEPPERS (17 D01)

LEVELS + SERVICES

- +28.76 — EXISTING LEVELS
- 00.00 — PROPOSED LEVELS
- CONTOURS AT 500mm INTERVALS AS SHOWN
- CONTOURS AT 200mm INTERVALS AS SHOWN (01 D03)
- PROPOSED PAVING CROSSFALL
- 1:2 — PROPOSED GRADIENT
- SET OUT POINT
- IRRIGATION CONTROLLER (REFER ENGINEERS DWG.)
- WATER METER (REFER ENGINEERS DWG.)

PLANTING

- EXISTING TREE
- NEW TREE (01 D02)
- NEW PLANTING (02 D02)
- TPZ — TREE PROTECTION ZONE*
- REMOVE EXISTING TREE

*NOTE:

- TPZ: HAND EXCAVATION ONLY; NO STORAGE OF OF EQUIPMENT ALLOWED AND PROTECTIVE FENCING TO TPZ EXTENT AS SPECIFIED.
- REFER TO SITE PREPARATION SPECIFICATION FOR TREE PROTECTION REQUIREMENTS.

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23.07.20	PRELIMINARY 90%	D	BL
12.05.20	PRELIMINARY	C	BL
24.04.20	PRELIMINARY	B	BL
29.01.20	PRELIMINARY	A	BL

TENDER

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PROJECT

NAIRNE VILLAGE GREEN (STAGE B)

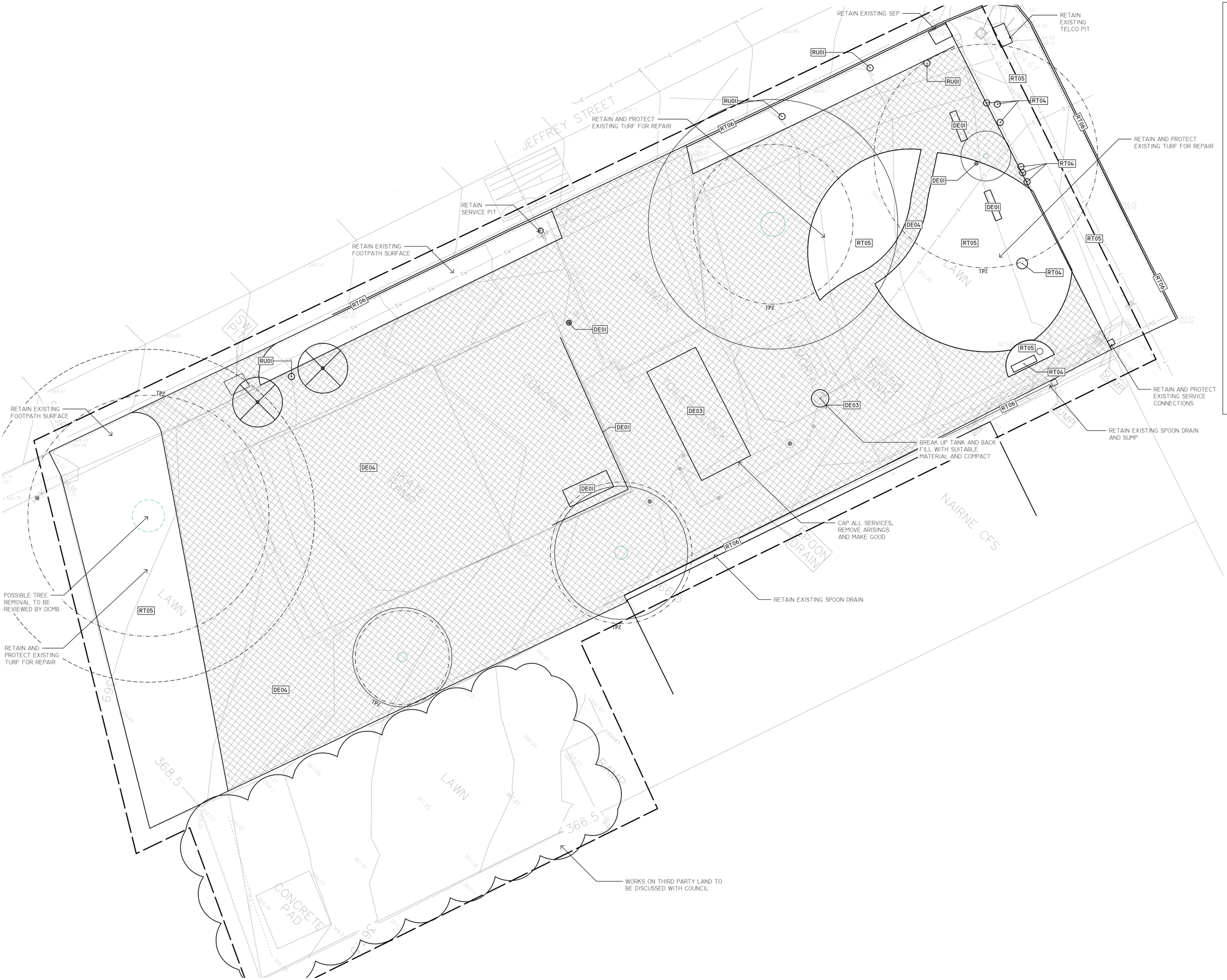
CLIENT

DISTRICT COUNCIL OF MOUNT BARKER
6 DUTTON ROAD
MOUNT BARKER 5251

DRAWING TITLE

LEGEND

SCALE	DATE	DRAWN BY
1:100@A1	11/08/21	BL
PROJECT No.	DRAWING No.	CHECKED BY
19NVG	L00	WK



DEMOLITION NOTES

CLEAN STRAIGHT SAW CUT ADJACENT GROUND MATERIALS IN PREPARATION FOR NEW WORKS. CLEANLY CUT AWAY PAVERS/BITUMEN WHERE NEW WORKS MEET EXISTING PAVING.

DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL WORKING DRAWINGS, SCHEDULES, SPECIFICATIONS, DEMOLITION SCHEDULE, AND ALL OTHER INFORMATION PROVIDED AS PART OF THE CONTRACT.

MARK ALL DEMOLITION WORKS ON-SITE, FOR APPROVAL BY SUPERINTENDENT PRIOR TO COMMENCING DEMOLITION WORKS. -PROTECT EXISTING WORK DURING DEMOLITION PHASE. TAKE PARTICULAR CARE NOT TO IMPACT UPON OR DAMAGE EXISTING TREES & SERVICE INFRASTRUCTURE. ENSURE SAFE PEDESTRIAN ACCESS TO BUILDINGS AT ALL TIMES.

SITE PREPARATION REFER TO CIVIL DOCUMENTATION FOR THE PROPOSED DESIGN LEVELS. THE DEMOLITION WORKS ARE TO REMOVE EXISTING SITE MATERIAL TO THE APPROPRIATE DEPTH FOR THE NEW WORKS, INCLUDING PAVEMENT SUB-BASE, CONCRETE FOOTINGS ETC. THE CONTRACTOR IS TO DISPOSE OF ALL WASTE MATERIAL OFF-SITE. EXISTING SERVICES + PITS REFER CIVIL & SERVICES DOCUMENTATION FOR ALL SERVICES DEMOLITION AND RETENTION.

CONTRACTOR TO ENSURE ALL SERVICES ARE CAPPED AND DISCONNECTED PRIOR TO DEMOLITION WORKS. THE CONTRACTOR MUST LOCATE AND MARK ALL UNDERGROUND SERVICES BEFORE COMMENCING WORK ON SITE. EXISTING SERVICES SHOWN ARE BASED ON INFORMATION PROVIDED BY SURVEYOR AND SERVICE AUTHORITIES AND ARE ESTIMATES ONLY. UNDER NO CIRCUMSTANCES SHOULD THE LOCATIONS OF SERVICES SHOWN ON THIS PLAN BE RELIED UPON FOR ON-SITE WORK. ALL INFORMATION MUST BE CONFIRMED ON SITE.

PROTECT EXISTING SERVICES IN ACCORDANCE WITH THE SPECIFICATION. CONTRACTOR TO KEEP ALL EXCAVATIONS/EXPOSURE OF SUB-GRADE FREE FROM WATER INGRESS. CONTRACTOR TO ALLOW TO RE-LEVEL EXISTING PITS TO SUIT NEW LEVELS.

WEED ERADICATION ALL EXISTING VEGETATION HIGHLIGHTED FOR DEMOLITION IS TO BE ERADICATED PRIOR TO CONSTRUCTION COMMENCING ON-SITE. REFER SPECIFICATION FOR DETAILS.

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12.05.20	PRELIMINARY	C	BL
24.04.20	PRELIMINARY	B	BL
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NAIRNE VILLAGE GREEN (STAGE B)

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PLAY & YOUTH DEMOLITION PLAN

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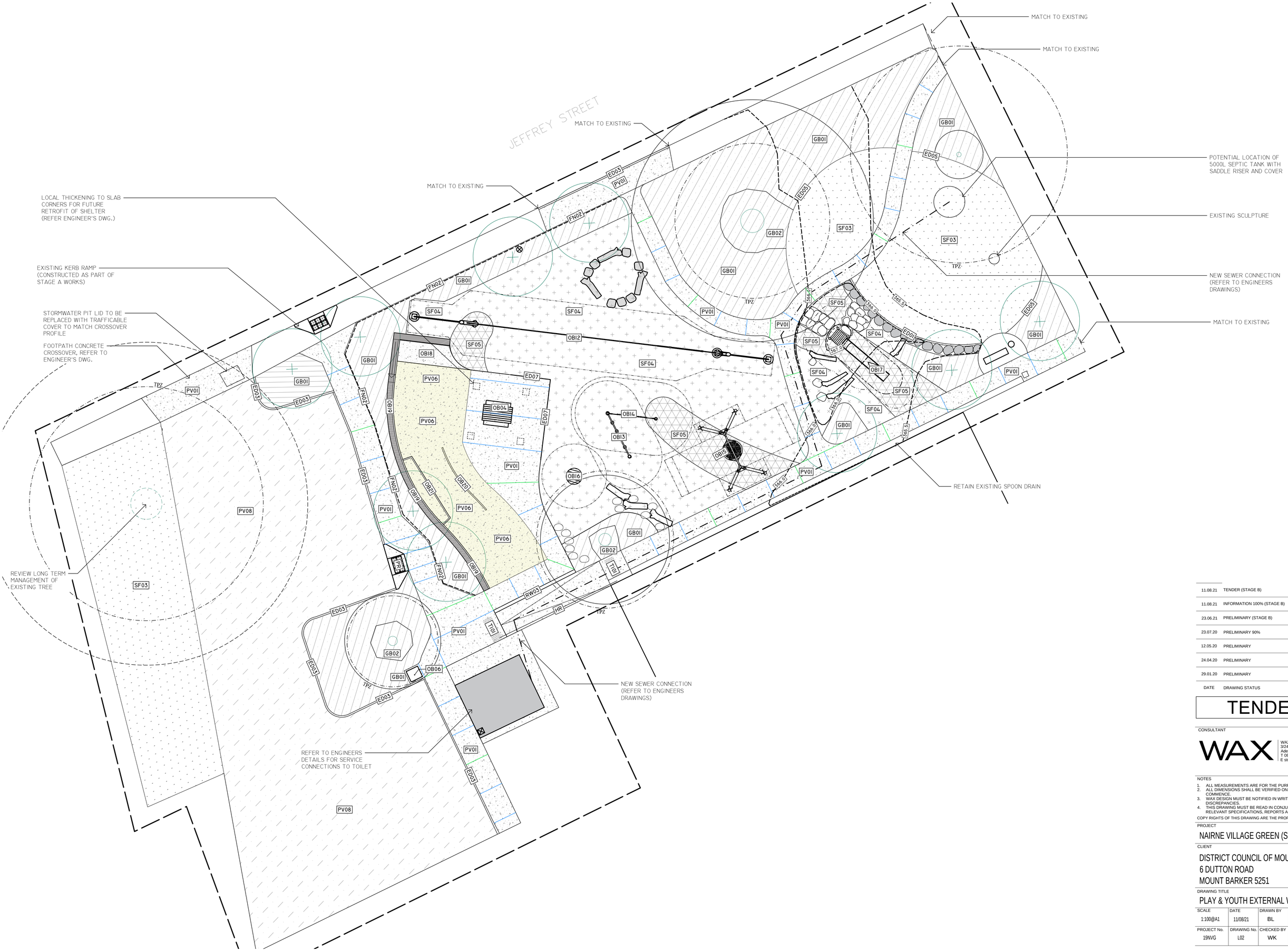
19NVG	L01	WK	



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DRAWING TITLE

PLAY & YOUTH EXTERNAL WORKS PLAN

SCALE	DATE	DRAWN BY	NORTH
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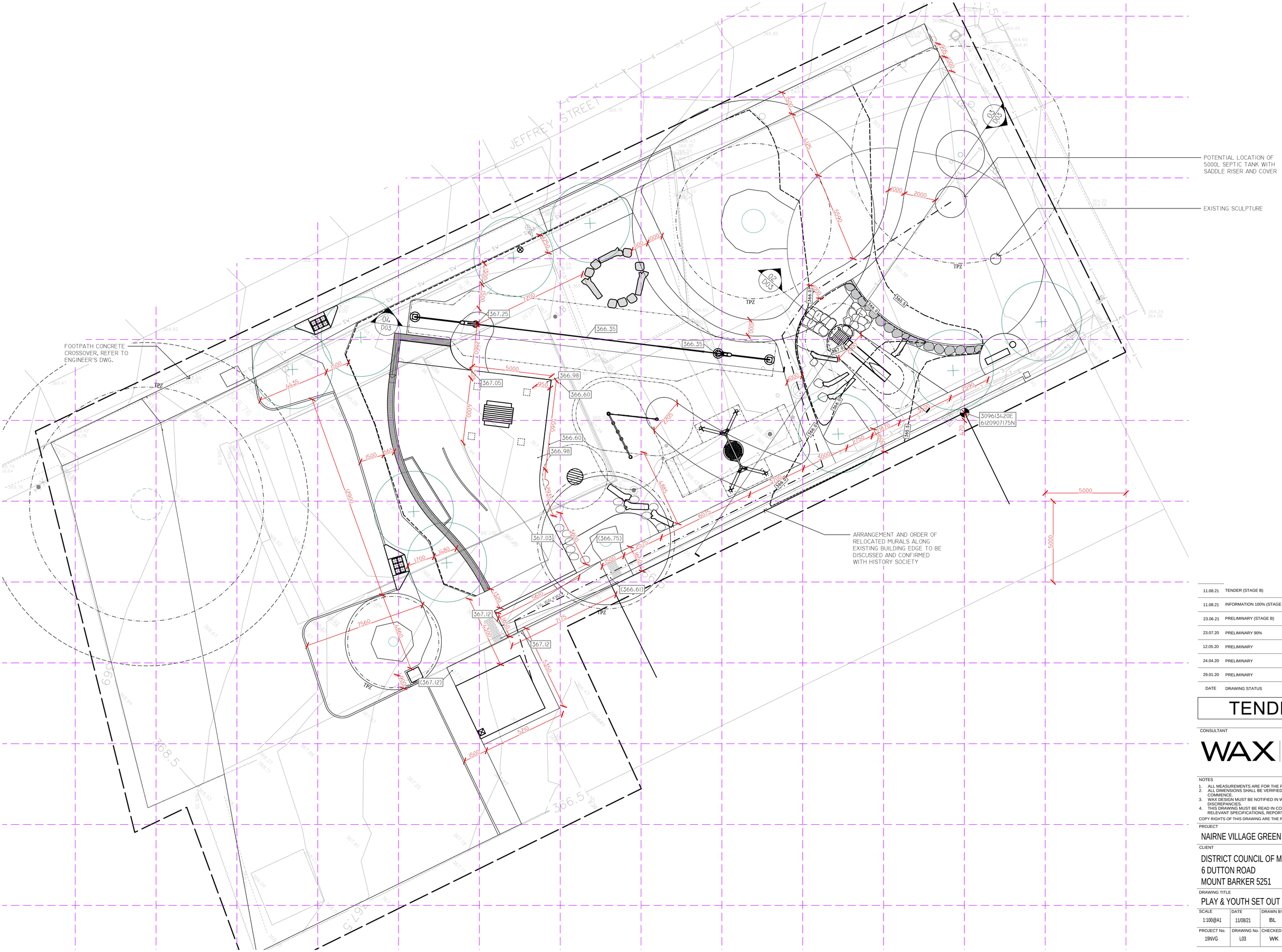
PROJECT No.	DRAWING No.	CHECKED BY	
19NVG	L02	WK	



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DRAWING TITLE

PLAY & YOUTH SET OUT PLAN

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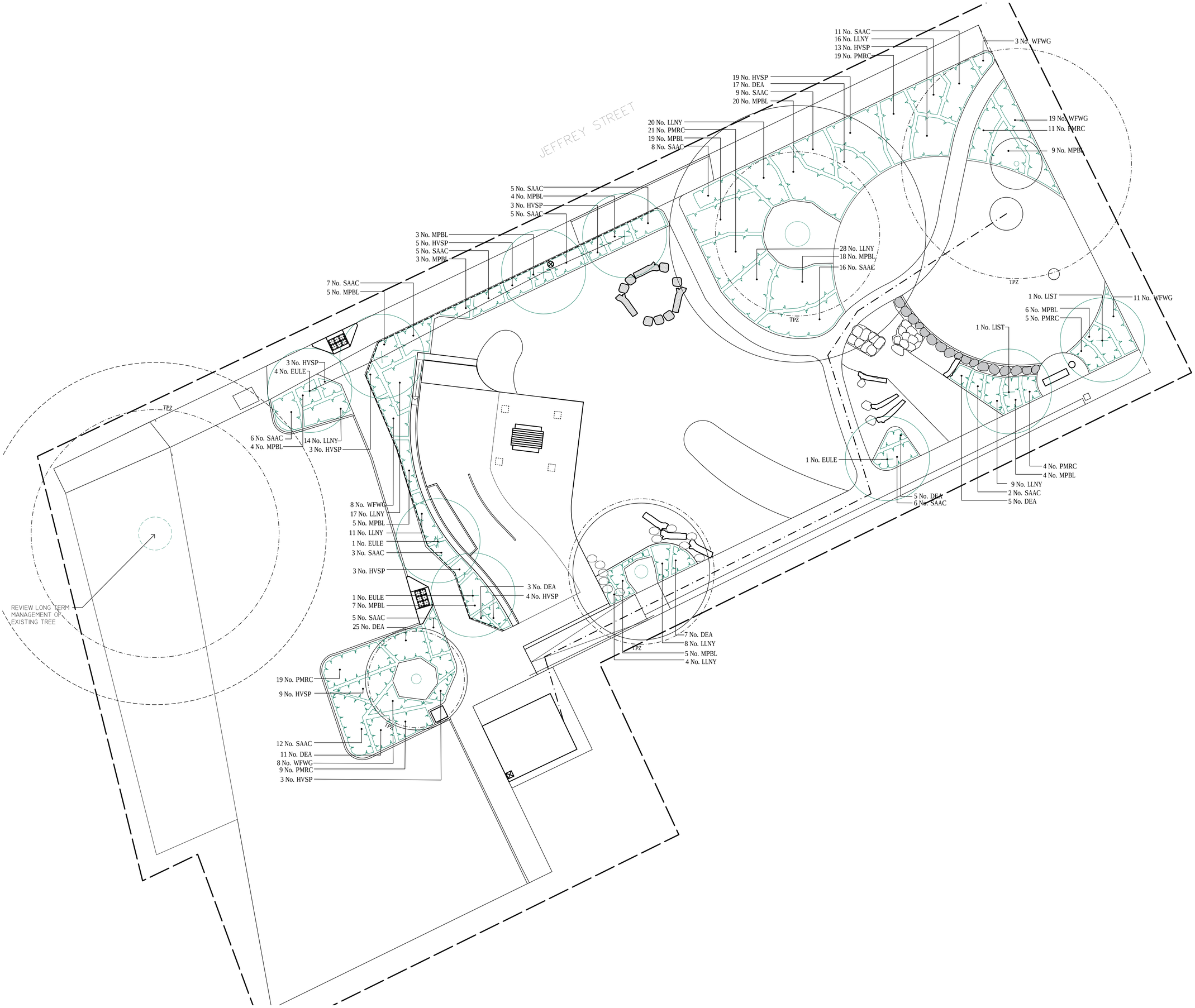

PLAY AND YOUTH PLANT SCHEDULE

Trees

Abbreviation	Species	Number	Pot Size	Density
EULE	Eucalyptus leucoxylon	7 No.	100L	Counted
LIST	Liquidambar styraciflua	2 No.	45L	Counted

Shrubs

Abbreviation	Species	Number	Pot Size	Density
HVSP	Hardenbergia violacea 'Sea of Purple'	65 No.	200mm	0.65Ctr
PMRC	Philotheca myoporoides 'Ruby Cascade'	88 No.	200mm	0.6Ctr
SAAC	Syzygium Australe 'Aussie Compact'	100 No.	200mm	0.7Ctr
WFWG	Westringia fruiticosa 'Wynyabbie Gem'	49 No.	140mm	0.6Ctr

Herbaceous

Abbreviation	Species	Number	Pot Size	Density
MPBL	Myoporum parvifolium 'Broad leaf'	112 No.	140mm	0.7Ctr

Grasses

Abbreviation	Species	Number	Pot Size	Density
DEA	Dianella 'Emerald Arch'	73 No.	140mm	0.5Ctr
LLNY	Lomandra longifolia 'Nyalla'	127 No.	140mm	0.5Ctr

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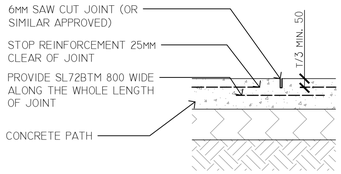
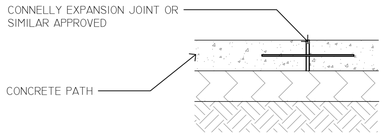
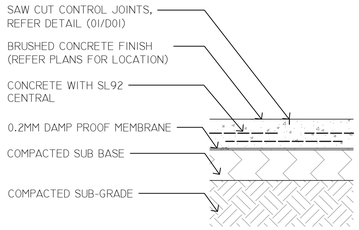


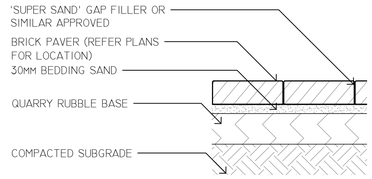
01 CONCRETE CONTROL JOINT (TYPICAL)
SECTION SCALE 1:10
NOTES: ENSURE JOINTS AT MAX. 2000mm CTS



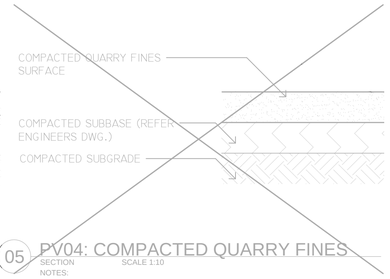
02 CONCRETE EXPANSION JOINT (TYPICAL)
SECTION SCALE 1:10
NOTES: ENSURE JOINTS AT MAX. 6000mm CTS



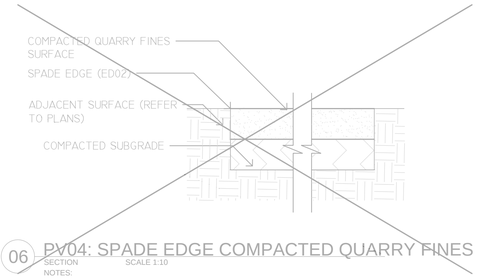
03 PV01: BRUSHED CONCRETE
SECTION SCALE 1:10
NOTES:



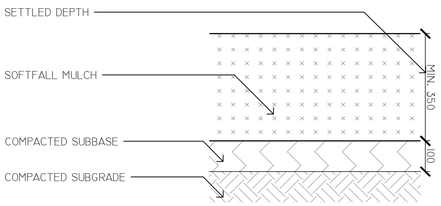
04 PV03: PAVING
SECTION SCALE 1:10
NOTES:



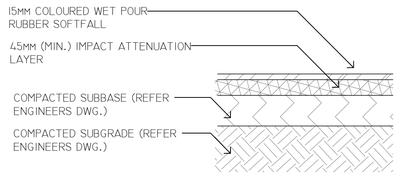
05 PV04: COMPACTED QUARRY FINES
SECTION SCALE 1:10
NOTES:



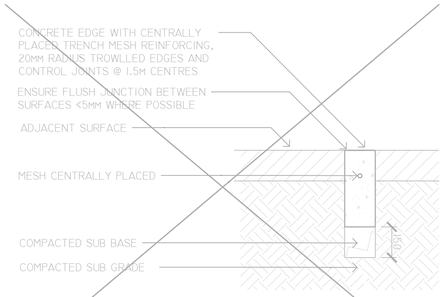
06 PV04: SPADE EDGE COMPACTED QUARRY FINES
SECTION SCALE 1:10
NOTES:



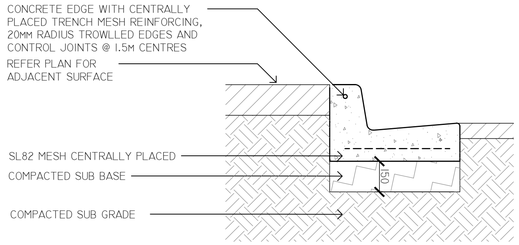
07 SF04: SOFTFALL MULCH
SECTION SCALE 1:10
NOTES:



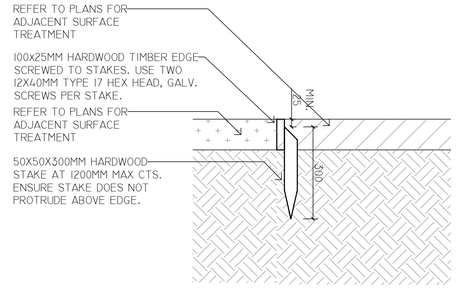
08 SF05: RUBBER SOFTFALL
SECTION SCALE 1:10
NOTES:
IT IS THE RESPONSIBILITY OF THE SURFACING SUPPLIER TO INSTALL THE CORRECT DEPTH TO PROVIDE FOR THE EQUIPMENT FREE HEIGHTS OF FALL OR REQUIRED CRITICAL FALL HEIGHT RATINGS PLUS 10%.



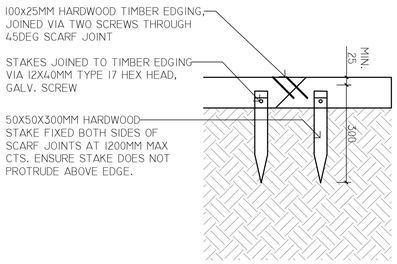
09 ED01: FLUSH KERB
SECTION SCALE 1:10
NOTES:



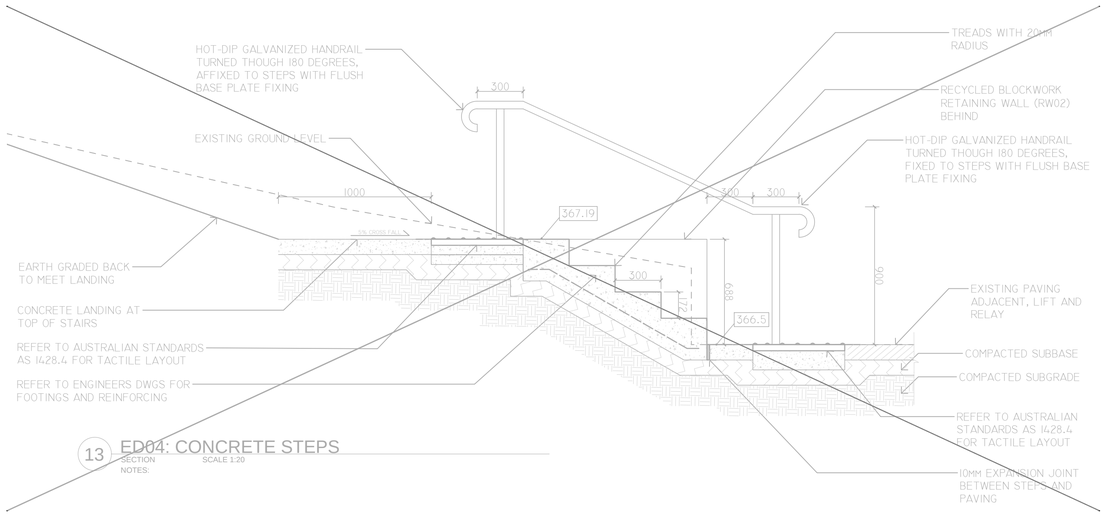
10 ED03: CONCRETE KERB & GUTTER
SECTION SCALE 1:10
NOTES:



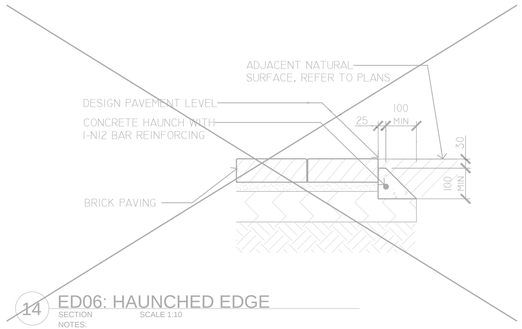
11 ED05: TIMBER EDGE
SECTION SCALE 1:10
NOTES:



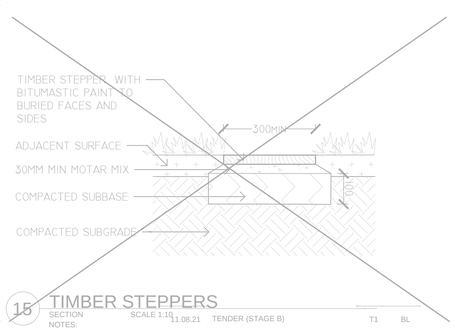
12 ED05: TIMBER EDGE SCARF JOINT
SECTION SCALE 1:10
NOTES:



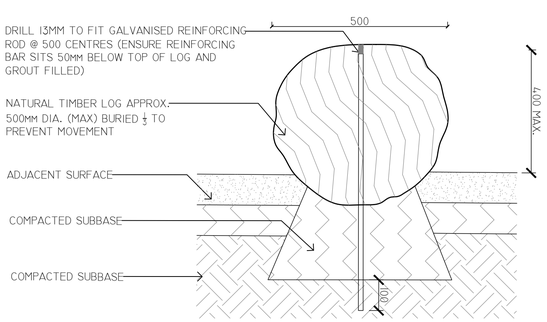
13 ED04: CONCRETE STEPS
SECTION SCALE 1:20
NOTES:



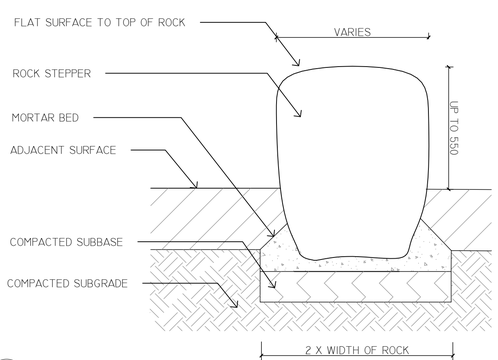
14 ED06: HAUNCHED EDGE
SECTION SCALE 1:10
NOTES:



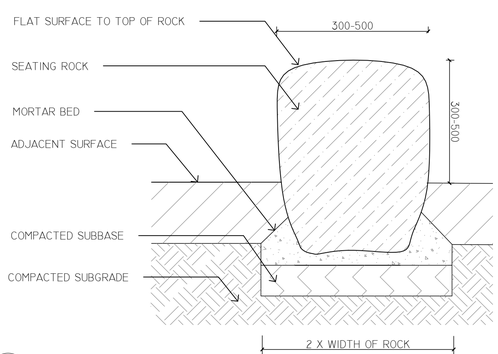
15 TIMBER STEPPERS
SECTION SCALE 1:10
NOTES:



16 STEPPING LOG/SEATING LOG
SECTION SCALE 1:10
NOTES:
ENSURE ALL TIMBER CONTAINS NO SHARP BURS OR EDGES 3mm MINIMUM RADIUS TO CORNERS
ENSURE LOGS ARE SPACED LESS THAN 30MM OR BETWEEN 150-600MM APART



17 ROCK STEPPER
SECTION SCALE 1:10
NOTES:
ENSURE ROCK STEPPERS ARE SPACED LESS THAN 30MM OR BETWEEN 150-600MM APART



18 SEATING ROCK
SECTION SCALE 1:10
NOTES:

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11.08.21	TENDER (STAGE B)	T1	BL
11.08.21	INFORMATION 100% (STAGE B)	F	BL
23.06.21	PRELIMINARY (STAGE B)	E	BL
23.07.20	PRELIMINARY 90%	D	BL
12.05.20	PRELIMINARY	C	BL
24.04.20	PRELIMINARY	B	BL
29.01.20	PRELIMINARY	A	BL

TENDER

CONSULTANT

WAX
WAX Design Pty.Ltd
3/241 Pirie Street
Adelaide, SA 5000
T 08 8215 0144
E studio@waxdesign.com.au

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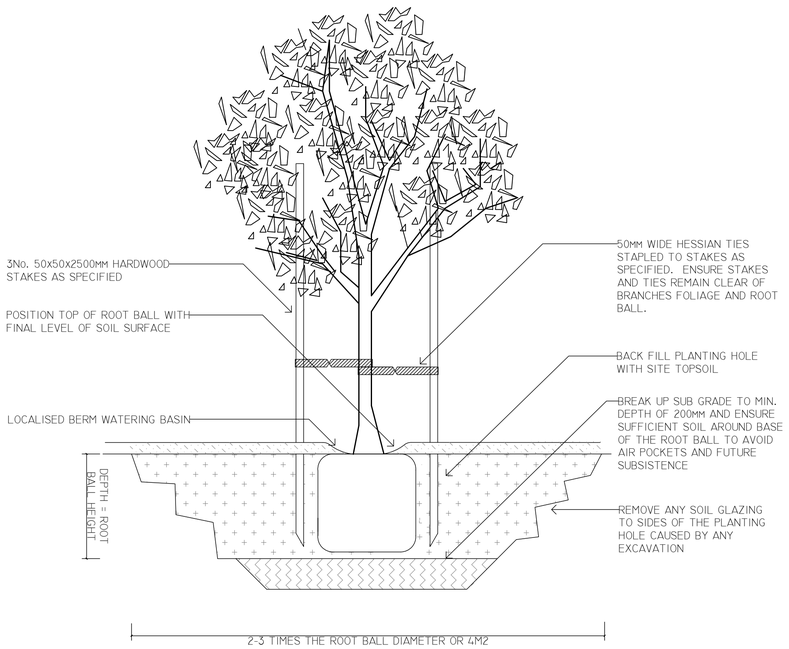
PROJECT
NAIRNE VILLAGE GREEN (STAGE B)

CLIENT
DISTRICT COUNCIL OF MOUNT BARKER
6 DUTTON ROAD
MOUNT BARKER 5251

DRAWING TITLE
DETAILS 1

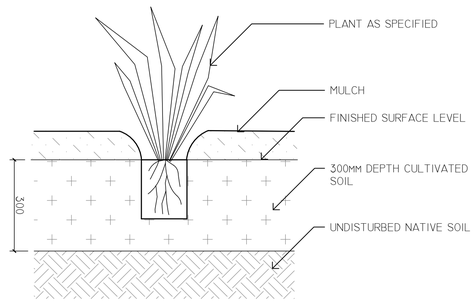
SCALE	DATE	DRAWN BY
AS SHOWN	11/08/21	BL
PROJECT No.	DRAWING No.	CHECKED BY
19NVG	D01	WK



01 PROPOSED TREE

SECTION SCALE 1:20

NOTES:

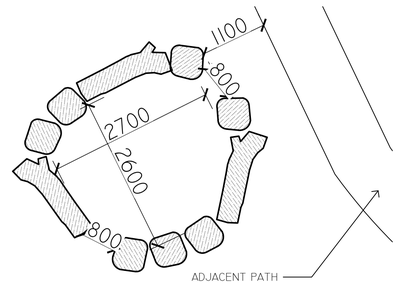


02 TYPICAL SHRUB PLANTING

SECTION SCALE 1:10

NOTES:

1. MECHANICALLY CULTIVATE SOIL TO A DEPTH OF 300mm.
2. ACCURATELY LOCATE, PRIOR TO COMMENCEMENT OF CULTIVATION, ALL EXISTING IN-GROUND SERVICES.
3. CULTIVATE MANUALLY WITHIN 300mm OF PATHS AND KERBS.
4. ADD TERRACOTTEM SOIL CONDITIONER OR APPROVED SIMILAR TO CULTIVATED SOIL AT THE RATE OF 150 GRAMS PER m^2 MIXED EVENLY TO 300mm DEPTH.
5. EVENLY SPACE PLANTS IN ACCORDANCE WITH PLANTING SCHEDULE

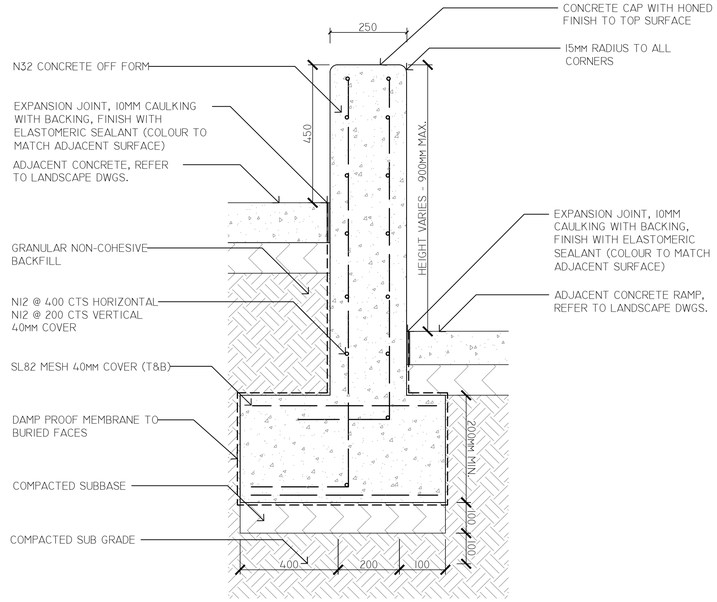


03 ROCK AND LOG SEATING CIRCLE SETOUT

PLAN SCALE 1:50

NOTES:

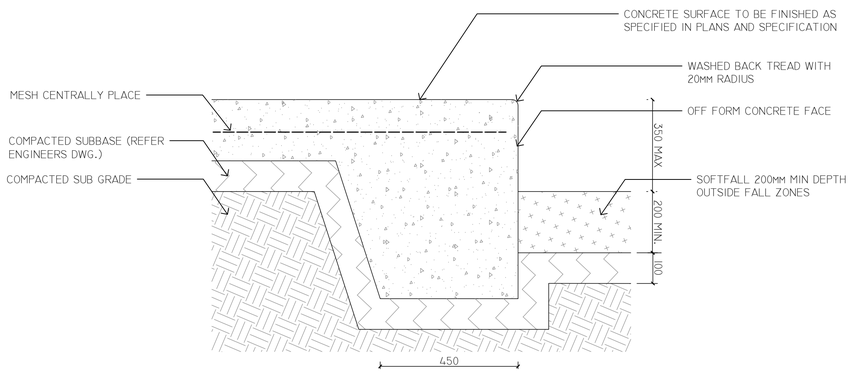
ENSURE ROCKS AND LOGS ARE SPACED LESS THAN 30MM OR BETWEEN 150-600MM APART



04 RW03: CONCRETE RETAINING WALL

SECTION SCALE 1:10

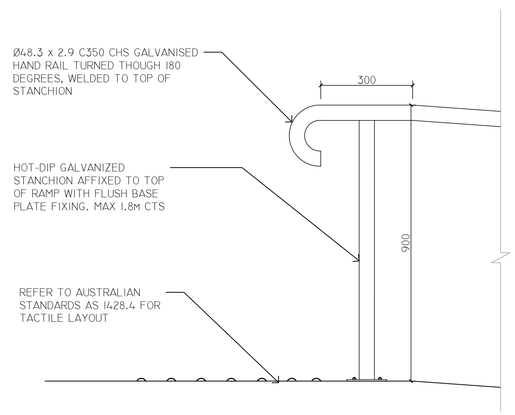
NOTES:



05 ED07: CONCRETE SLAB SEATING EDGE

SECTION SCALE 1:10

NOTES:



06 HANDRAIL (TYPICAL)

SECTION SCALE 1:10

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11.08.21	INFORMATION 100% (STAGE B)	F	BL
23.06.21	PRELIMINARY (STAGE B)	E	BL
23.07.20	PRELIMINARY 90%	D	BL
12.05.20	PRELIMINARY	C	BL
24.04.20	PRELIMINARY	B	BL
29.01.20	PRELIMINARY	A	BL

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CONSULTANT

WAX
WAX Design Pty.Ltd
3/241 Pirie Street
Adelaide, SA 5000
T 08 8215 0144
E studio@waxdesign.com.au

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PROJECT

NAIRNE VILLAGE GREEN (STAGE B)

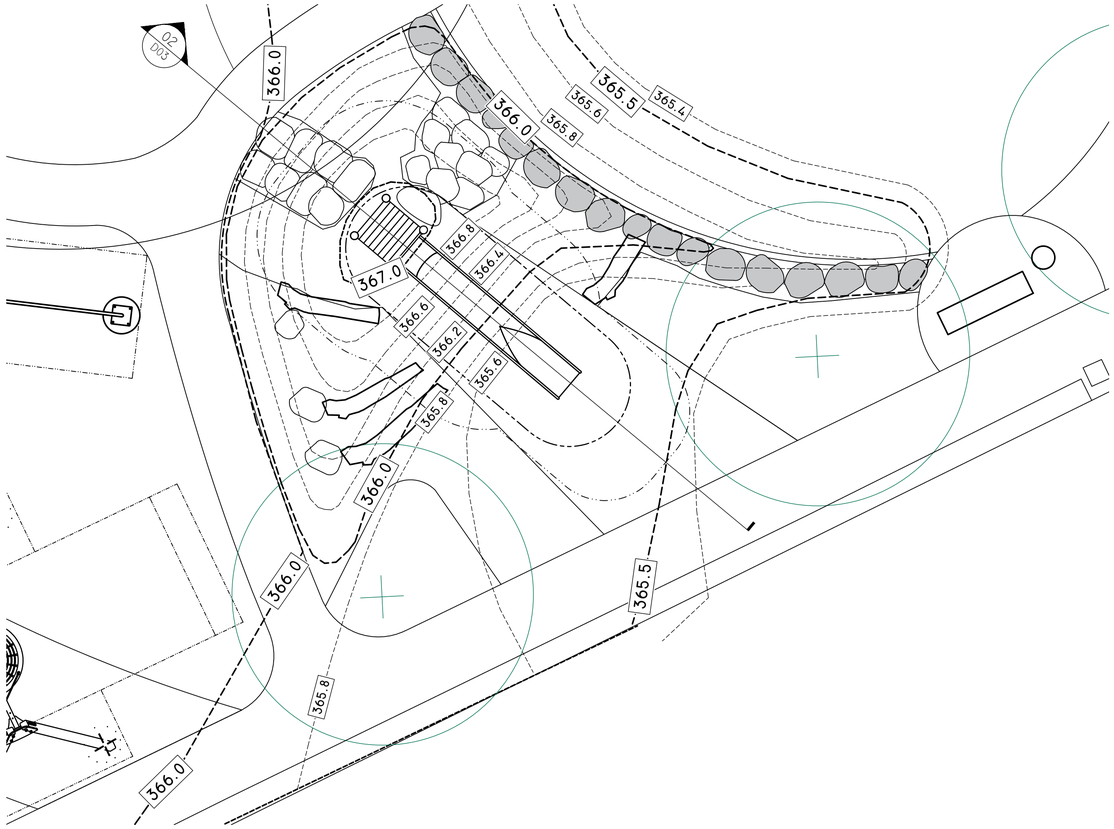
CLIENT

DISTRICT COUNCIL OF MOUNT BARKER
6 DUTTON ROAD
MOUNT BARKER 5251

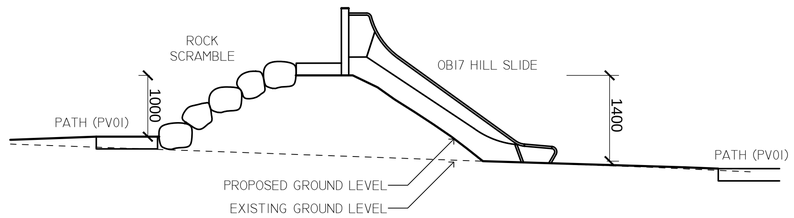
DRAWING TITLE

DETAILS 2

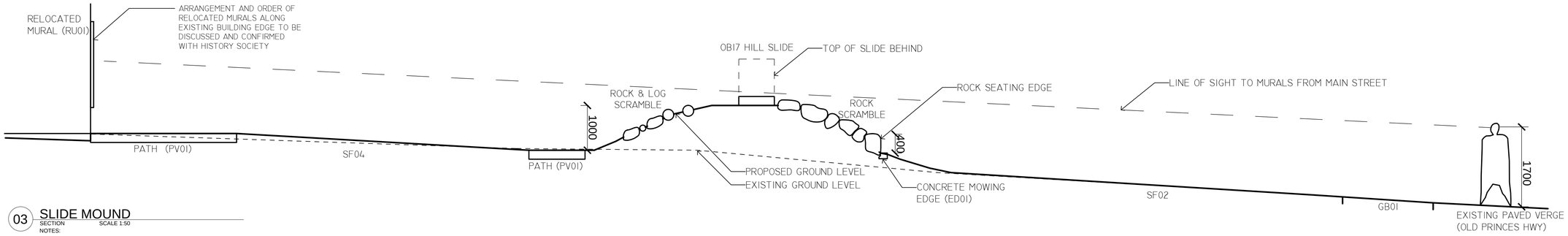
SCALE	DATE	DRAWN BY
AS SHOWN	11/08/21	BL
PROJECT No.	DRAWING No.	CHECKED BY
19NVG	D02	WK



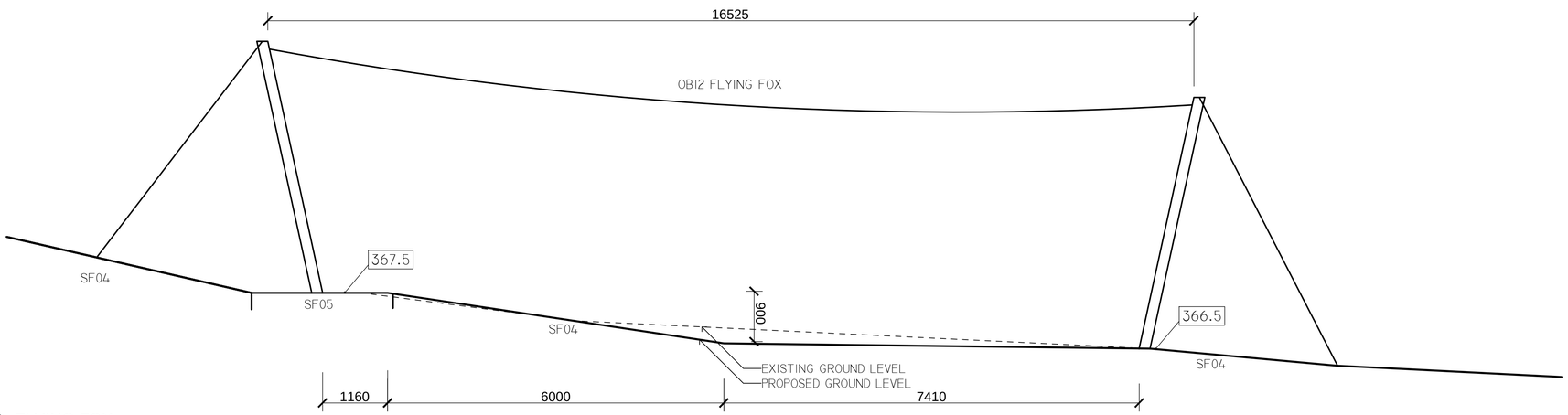
01 SLIDE MOUND
PLAN SCALE 1:50
NOTES:



02 SLIDE MOUND
SECTION SCALE 1:50
NOTES:



03 SLIDE MOUND
SECTION SCALE 1:50
NOTES:



04 FLYING FOX
SECTION SCALE 1:50
NOTES:

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11.08.21	INFORMATION 100% (STAGE B)	F	BL
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23.07.20	PRELIMINARY 90%	D	BL
12.05.20	PRELIMINARY	C	BL
24.04.20	PRELIMINARY	B	BL
29.01.20	PRELIMINARY	A	BL

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WAX
WAX Design Pty.Ltd
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Adelaide, SA 5000
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PROJECT
NAIRNE VILLAGE GREEN (STAGE B)

CLIENT
DISTRICT COUNCIL OF MOUNT BARKER
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MOUNT BARKER 5251

DRAWING TITLE
DETAILS 3

SCALE	DATE	DRAWN BY
AS SHOWN	11/08/21	BL
PROJECT No.	DRAWING No.	CHECKED BY
19NVG	D03	WK

NAIRNE VILLAGE GREEN - STAGE 2

JEFFREY STREET
NAIRNE SA 5252

MEINHARDT PROJECT No. 121815
CIVIL DRAWING

GENERAL NOTES:

1. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH THE ARCHITECTS DRAWINGS, DEMOLITION , SETTING OUT, LINE MARKING, LANDSCAPING PLANS AND ALL OTHER CONSULTANTS DRAWINGS AND SPECIFICATION.
2. THE ENGINEERING SURVEY FOR THIS DESIGN HAS BEEN PROVIDED BY THE COUNCIL'S SURVEYOR.
3. PRIOR TO COMMENCEMENT OF WORKS THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING SERVICES TO AVOID DAMAGE. CONTRACTOR TO CONFIRM INVERTS OF ALL EXISTING PIPES & SUMPS PRIOR TO CONNECTING & LAYING OF ALL NEW PIPEWORK.
4. REPAIRS TO SERVICES AFFECTED BY THE WORKS, INCLUDING ANY OTHER RELATED CONSEQUENCES, SHALL BE AT THE CONTRACTORS EXPENSE.
5. ALIGNMENT OF EXISTING SERVICES SHOWN HEREON ARE APPROXIMATE AND THEREFORE REQUIRE VERIFICATION ON SITE BY THE RELEVANT AUTHORITIES.
6. THE CONTRACTOR SHALL LIAISE WITH THE ENGINEERING SURVEYOR TO ESTABLISH THE LOCATION OF A TBM.
7. ALL uPVC STORMWATER PIPES ARE TO BE SEWER CLASS 'SN4' AT 1.0% MIN. UNLESS OTHERWISE NOTED.
8. TRENCH BACKFILL SHALL BE COMPACTED TO 95% DRY DENSITY RATIO (STANDARD).
9. BACKFILL ALL EXCAVATIONS RESULTING FROM DEMOLITION WORKS (INCLUDING TREE STUMPS) WITH CONTROLLED FILL AS PER STANDARD SPECIFICATION.
10. EXCESS SPOIL SHALL BE DISPOSED OF AS DIRECTED BY THE SITE SUPERVISOR.
11. ALL LEVELS AND DIMENSIONS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORKS. ENGINEER TO BE NOTIFIED IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.
12. TREES SHALL ONLY BE REMOVED AS DIRECTED BY THE SITE SUPERVISOR.
13. ALL EXISTING TREES SHALL REMAIN UN-DAMAGED, UNLESS NOTED OTHERWISE.
14. CONTRACTOR TO INSTALL TEMPORARY CONSTRUCTION EXIT PAD IN LOCATION TO CONTROL ALL VEHICLES AND EQUIPMENT ENTERING OR LEAVING THE SITE.
15. THE CONTRACTOR SHALL REINSTATE ALL EXISTING PAVEMENTS, KERBING, LANDSCAPING ETC ADVERSELY AFFECTED BY WORKS EXTERNAL TO THE DEVELOPMENT BOUNDARY.
16. CONTRACTOR TO ALLOW AND MAKE GOOD ASPHALT ON ALL STORMWATER TRENCHES AND ALL OTHER SERVICES TRENCHES. REFER TO MECHANICAL, HYDRAULIC AND ELECTRICAL DRAWINGS FOR LOCATIONS OF SERVICES
17. SILT FENCES ARE TO BE ERECTED ON THE DOWNHILL SIDE OF FILL AND STOCKPILES.
18. WHERE PROPOSED KERBS AND PAVEMENTS ABUT EXISTING, THE CONTRACTOR SHALL SAW CUT TO PROVIDE A CLEAN EDGE AND MATCH NEATLY TO THE EXISTING.
19. ALL WORK EXTERNAL TO THE SITE BOUNDARY SHALL BE CARRIED OUT TO THE SATISFACTION OF COUNCIL, AND FOOTPATHS AFFECTED BY THE WORKS SHALL BE REINSTATED AND ADJUSTED WHERE NECESSARY TO MATCH TO THE NEW WORK AND LEVELS.
20. EXISTING UN-REQUIRED VEHICLE CROSS-OVERS AND DRIVEWAYS SHALL BE REMOVED AND REPLACED WITH KERB & GUTTER AND PAVEMENT TO MATCH EXISTING.
21. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER DESIGN DRAWINGS TO ENSURE THAT ALIGNMENTS DO NOT CO-INCIDE.
22. INSTALL DOWN PIPE BRANCHES TO DRAINS/PITS THAT ARE AT LEAST EQUAL SIZE WITH DOWN PIPES.
23. REFER TO LANDSCAPE ARCHITECTURAL SPECIFICATION FOR CONCRETE BLOCK PAVER TYPE, COLOURS AND PATTERNS.
24. SUBJECT TO THE LOCATION OF THE LOWEST SANITARY DRAINAGE FLOOD GULLY, THE CONTRACTOR SHALL ENSURE ADJACENT PATH LEVELS COMPLY WITH AS 3500.
25. THE CONTRACTOR SHALL PROVIDE ADEQUATE PUBLIC SAFETY WHERE REQUIRED.
26. WHERE A DIFFERENCE IN LEVEL OF UP TO 1.0m OCCURS BETWEEN DESIGN SURFACE LEVELS AND EXISTING SURFACE LEVELS, THE DESIGN DOCUMENTATION MAY ASSUME THAT A LANDSCAPED BATTER OF UP TO 1 IN 2, UNO, CAN BE UTILIZED. HOWEVER, SUBJECT TO THE CLIENTS SPECIFIC REQUIREMENTS AND SITE CONDITIONS, A RETAINING STRUCTURE (DETAIL AVAILABLE FROM THIS OFFICE) OR A LANDSCAPED RETAINING WALL IS PERMISSIBLE.

EROSION AND SEDIMENT CONTROL NOTES:

1. STORMWATER RUN-OFF DURING THE EARTHWORKS / CONSTRUCTION PHASE MUST NOT CAUSE SEDIMENT FROM SOIL EROSION TO BE SENT TO GULLIES, STORMWATER DRAINAGE SYSTEM AND WATERWAYS
2. THE CONTRACTOR MUST TAKE ALL NECESSARY PRECAUTIONS TO CONTROL EROSION AND DOWNSTREAM SEDIMENTATION DURING ALL STAGES OF CONSTRUCTION AND DURING THE MAINTENANCE PERIOD.
3. THE CONTRACTOR SHALL COMPLY WITH THE RECOMMENDATIONS OF THE EPA HANDBOOK FOR "POLLUTION AVOIDANCE ON COMMERCIAL AND RESIDENTIAL BUILDING SITES".
4. THE CONTRACTOR MUST MONITOR AND REPAIR AND CLEAN OUT SEDIMENT TRAPS ON REACHING 50% STORAGE CAPACITY. RESERVOIR SEDIMENT IS TO BE SPREAD WITHIN THE DISTURBED AREA OF WHERE DIRECTED.
5. SILT FENCES ARE TO BE ERECTED ON THE DOWNHILL SIDE OF FILL AND STOCKPILES.
6. NO VISIBLE EMISSIONS OF DUST MUST OCCUR BEYOND THE BOUNDARIES OF THE SITE DURING EARTHWORKS AND CONSTRUCTION ACTIVITIES ON THE SITE. IF AT ANY TIME DURING THE EARTHWORKS AND CONSTRUCTION ACTIVITIES THE DUST EMISSIONS EXCEED THE LEVEL SPECIFIED ABOVE, ALL DUST GENERATING ACTIVITIES MUST CEASE UNTIL CORRECTIVE ACTIONS HAVE BEEN IMPLEMENTED.
7. A BREACH OF EPA REQUIREMENTS IN RESPECT OF EROSION AND SEDIMENT CONTROLS COULD RESULT IN AN ON-THE-SPOT PENALTY BEING APPLIED UNDER THE ENVIRONMENTAL PROTECTION (WATER QUALITY) POLICY 2003 AND LOCAL GOVERNMENT ACT 1999.

PAVEMENT NOTES:

1. EXISTING PAVERS THAT ARE INDICATED TO BE RE-LAID ARE TO BE CAREFULLY LIFTED AND NEATLY STOCKPILED ON SITE TO AVOID DAMAGE DURING CONSTRUCTION.
2. REINSTATE PEDESTRIAN PAVING IN ACCORDANCE WITH THE DETAIL ON THIS SHEET.
3. 'PAVER LOC' OR SIMILAR PRODUCT SHALL BE USED ON ALL RE-LAID PAVERS.
4. PAVERS RE-LAID SHALL BE CLEANED PRIOR TO RE-INSTALLATION. DAMAGED PAVERS ARE TO BE REPLACED.
5. ADJUST ALL EXISTING SERVICE COVERS TO SUIT NEW PAVING LEVELS.
6. ALLOW TO SUPPLY & LAY 10m² OF NEW PAVING TO MATCH EXISTING IN CASE OF PAVER DAMAGE DURING LIFTING, DESPITE REASONABLE EFFORTS TO PREVENT SUCH DAMAGE.
7. PAVERS DAMAGED THROUGH IMPROPER OR CARELESS LIFTING, HANDLING & STORAGE SHALL BE REPLACED TO MATCH EXISTING AT THE CONTRACTOR'S EXPENSE.

EARTHWORKS:

1. THE CONTRACTOR SHALL COMPLY WITH THE CURRENT EDITIONS OF THE FOLLOWING AUSTRALIAN STANDARDS.
   AS 1289 TESTING SOILS FOR ENGINEERING PURPOSES
   AS 3798 GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS
2. TEST ROLLING SHALL BE CARRIED OUT IMMEDIATELY BEFORE OVERLYING LAYERS ARE PLACED. ALL LAYERS OF FILLING, AND MATERIALS SHALL BE COMPACTED SO AS TO BE CAPABLE OF WITHSTANDING TEST ROLLING, WITHOUT VISIBLE DEFORMATION OR SPRINGING, WITH A PNEUMATIC TYRED ROLLER OR HIGHWAY TRUCK BALLASTED TO COMPLY WITH THE FOLLOWING: PNEUMATIC TYRED - NOT LESS THAN 3 T PER TYRE WITH TYRES INFLATED TO 550 KPA. HIGHWAY TRUCK - WITH REAR AXLE OR AXLES LOADED TO NOT LESS THAN 8 T EACH WITH TYRES INFLATED TO 550 KPA
3. WHERE TEST ROLLING IS REQUIRED AT SOME LATER DATE, THE SURFACE SHALL BE MOISTURE CONDITIONED AS REQUIRED AND GIVEN NOT LESS THAN FOUR COVERAGES OF THE TEST ROLLER BEFORE TEST ROLLING COMMENCES.
4. THE WORK SHALL NOT BE ACCEPTED AS COMPLETE UNLESS ALL TEST RESULTS ARE PROVIDED TO THE SUPERINTENDENT.THE CONTRACTOR SHALL PROVIDE ALL MATERIAL PROPERTY AND QUALITY TEST RESULTS TO THE SUPERINTENDENT.
5. INSPECTION AND TESTING OF EARTHWORKS SHALL CONFORM TO LEVEL 2 GITA REQUIRED TO AS3798 CLAUSE 8.3

LINEMARKING NOTES:

1. ALL SAMPLING AND TESTING OF ROAD MARKING PAINT SHALL BE CARRIED OUT IN ACCORDANCE WITH PROCEDURES SPECIFIED IN AS1580 AND AS4049. THE CONTRACTOR SHALL PROVIDE TEST CERTIFICATES FROM A NATA REGISTERED LABORATORY, OR OTHER APPROVED BY THE SUPERINTENDENT, THAT THE PAINT MATERIALS USED CONFORMS TO THE SPECIFIED STANDARD
2. PRIOR TO THE COMMENCEMENT OF LINE MARKING, THE CONTRACTOR SHALL PREPARE A TEST PANEL FOR THE CALIBRATION OF THE SPRAY EQUIPMENT AND THE VERIFICATION OF THE APPLIED PAINT'S WET FILM THICKNESS. THE CONTRACTOR SHALL SUPPLY ALL TEST EQUIPMENT.
3. WORK CARRIED OUT AND TESTING PERFORMED UNDER THIS SECTION OF THE SPECIFICATION SHALL COMPLY WITH THE REQUIREMENTS OF THE FOLLOWING STANDARDS TO THE EXTENT THAT THEY ARE RELEVANT AND NOT OVERRIDDEN BY THE SPECIFICATION:

AS1580	PAINTS AND RELATED MATERIALS - METHOD OF TEST
AS1742	AUSTRALIAN STANDARD MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES
AS2700	COLOUR STANDARDS FOR PAINTS AND RELATED MATERIALS
AS4049	PAINTS AND RELATED MATERIALS - ROAD MARKING MATERIALS
AS2890.1	OFF STREET CAR PARKING
AS2890.6	OFF STREET PARKING FOR PEOPLE WITH DISABILITIES
AS1428.1	DESIGN FOR ACCESS AND MOBILITY - GENERAL REQUIREMENTS FOR ACCESS-NEW BUILDING WORK

4. UNLESS OTHERWISE SPECIFIED, PERMITTED OR SHOWN ON THE DRAWINGS, PAINT SHALL BE WHITE, WITHOUT GLASS BEADS, EITHER SOLVENT OR WATERBORNE AND COMPLYING WITH THE REQUIREMENTS OF THE AUSTRALIAN STANDARD.
5. MECHANICAL SPRAYING EQUIPMENT SHALL BE CAPABLE OF APPLYING PAINT UNIFORMLY TO THE ROAD SURFACE AT THE APPLICATION RATE SPECIFIED. THE PAINT TANK SHALL BE EQUIPPED WITH A SUITABLE DEVICE SUCH AS A DIP-STICK FOR THE DETERMINATION OF ITS CONTENTS.
6. UNLESS OTHERWISE SPECIFIED OR SHOWN ON THE DRAWINGS, LINE MARKING SHALL COMPLY WITH THE DETAILS PRESCRIBED IN AS1742 AND, IN PARTICULAR, SHALL CONFORM TO THE DIMENSIONS OF THAT STANDARD. WHERE OPTIONS ARE STATED, THE PREFERRED DIMENSION SHALL BE USED.
7. CAR PARK BAY DELINEATION LINES SHALL BE 80mm WIDE AND HAVE A WET FILM THICKNESS OF 375 + 25 µm WHEN TESTED IN ACCORDANCE WITH AS1580 AND AS4049.
8. A DISABLED SYMBOL COMPLYING WITH AS1428 AND AS2890.6, SHALL BE PROVIDED WHERE SHOWN DISABLED PARKING SIGNS COMPLYING WITH AS1428 AND AS2890.6.
9. THE CONTRACTOR SHALL PREPARE SURFACES TO RECEIVE MARKERS TO ENSURE THEY ARE FREE FROM DIRT, OIL, GREASE, PAINT ETC BY SUCH MEANS AS ARE REQUIRED.

NOTE: CONCRETE NOTES SHOULD BE READ IN CONJUNCTION WITH CONVIC DRAWINGS AND NOTES FOR SKATE PARK. CONTACT ENGINEER REGARDING ANY DIFFERENCES/CONFLICTS.

CONCRETE NOTES:

1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS3600.
2. CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH AS FOLLOWS:
   SITEWORKS KERBING, INVERTS, RET WALLS, PATHS ETC: 32 MPA
3. NOMINAL MAXIMUM AGGREGATE SIZE SHALL BE 20mm, AND SLUMP BETWEEN 80-100mm.
4. MINIMUM COVER TO ALL REINFORCEMENT SHALL BE 50mm. REFER TO SPECIFIC DETAILS.
5. NO CONCRETE ADMIXTURE OR ADDITIVES SHALL BE SUED WITHOUT WRITTEN APPROVAL FROM THE ENGINEER.
6. ALL CONCRETE TO BE READY MIXED SUPPLIED IN ACCORDANCE WITH AS1379 BY THE BATCH PRODUCTION PROCESS. READY MIXED CONCRETE SHALL BE DELIVERED IN AGITATING TRUCKS.
7. FORMWORK AND FALSEWORK SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH AS3610. FORMWORK TO EXPOSED SURFACES WILL BE CLASS 2.
8. ALL EXPOSED EDGES AND RE-ENTRANT CORNERS SHALL BE CHAMFERED.
9. THE CONTRACTOR SHALL EMPLOY CONCRETE PLACEMENT METHOD SO AS TO:

- PREVENT DISPLACEMENT OR REINFORCEMENT, LIGATURES OR EMBEDMENTS
- PROVIDE A DENSE HOMOGENEOUS PRODUCT WHICH IS MONOLITHIC.
- COMPLETELY FILL THE FORMWORK TO THE INTENDED LEVEL, EXPELLING ENTRAPPED AIR
- CONTROL CRACKING, INCLUDING THAT CAUSED BY PLASTIC DRYING SHRINKAGE.
- THE USE OF VIBRATORS IS ESSENTIAL.

10. THE LOCATION OF CONSTRUCTION JOINTS SHALL BE PLANNED AND APPROVED IN ADVANCE BY THE ENGINEER.
11. CONCRETE SHALL BE CONTINUOUSLY CURED FOR AT LEAST 7 DAYS.
12. FOR HOT WEATHER CURING: IF THE CONCRETE TEMPERATURE EXCEEDS 25° C, OR THE AMBIENT SHADE TEMPERATURE EXCEEDS 30° C, PROTECT FROM DRYING WINDS AND SUN BY USING AN EVAPORATIVE RETARDER UNTIL CURING IS COMMENCED.
    CONCRETE TO BE CURED WITH "VAPORLOCK" OR APPROVED EQUIVALENT IMMEDIATELY AFTER PLACING AND FINISHING.
    REFER TO MANUFACTURERS SPECIFICATION FOR INSTALLATION.

ASPHALT PAVING:

1. ALL WORKMANSHIP AND MATERIALS SHALL COMPLY WITH THE CURRENT EDITIONS OF THE FOLLOWING AUSTRALIAN STANDARDS.
   a. AUSTRALIAN STANDARDS
   b. AS 2734 ASPHALT (HOT MIXED) PAVING - GUIDE TO BEST PRACTICE
   c. AS 2008 RESIDENTIAL BITUMEN FOR PAVEMENTS
   d. AS 2357 MINERAL FILLERS FOR ASPHALT
   e. AS 2341 METHODS OF TESTING BITUMEN AND RELATED PRODUCTS
   f. AS 2157 CUTBACK BITUMEN
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MIX DESIGN. THE PROPOSED MIX DESIGN SHALL BE SUBMITTED TO THE SUPERINTENDENT FOR APPROVAL NOT LESS THAN 10 WORKING DAYS PRIOR TO ASPHALT PLACEMENT.
3. PRIOR TO COMMENCEMENT OF PRIMING, PRIME SEALING, TACK COAT AND ASPHALT THE CONTRACTOR SHALL IDENTIFY AND REPAIR DEFECTS IN THE SURFACE TO BE TREATED, AND AS MAY BE DIRECTED BY THE SUPERINTENDENT.
4. BEFORE PRIMING, PRIMER SEALING, TACK COATING AND ASPHALTING, UTILITY COVERS, MANHOLES, GRATES AND THE LIKE SHALL BE MASKED, CLEARLY MARKED AND RECORDED FOR IMMEDIATE RECOVERY AFTER THE ASPHALT WORK. GRATINGS SHOULD BE COVERED TO PREVENT ENTRY OF ASPHALT.
5. THE AREA TO BE TREATED SHALL BE DRY, FREE OF LOOSE MATERIAL, DIRT, DUST AND DELETERIOUS MATERIAL.
6. A PERIOD OF NO LESS THAN 24 HOURS SHALL ELAPSE BETWEEN THE APPLICATION OF THE PRIMER AND THE APPLICATION OF AN OVERLYING LAYER OR SURFACE TREATMENT. THE MINIMUM LENGTH OF TIME MAY BE STIPULATED BY THE SUPERINTENDENT ON SITE.
7. THE CONTRACTOR SHALL ARRANGE HIS OPERATIONS TO AVOID CONSTRUCTION TRAFFIC USING/STANDING ON UNPROTECTED PRIMED SURFACES UNTIL THE OVERLYING ASPHALT LAYER HAS BEEN PLACED AND HAS COOLED.
8. THE SUPPLY, SPREADING AND COMPACTION OF ASPHALT SHALL COMPLY WITH AUSTRALIAN STANDARDS.

REV	DESCRIPTION	BY	DATE
T01	FOR TENDER	J.S.	3.08.21

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MEINHARDT

Meinhardt Australia Pty Ltd
A.C.N. 089 954 549

Level 11, 44 Waymouth Street
Adelaide SA 5000
Australia
T: +61 8 8227 1544
F: +61 8 8227 1488
contact.sa@meinhardtgroup.com
http://www.meinhardtgroup.com

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ADELAIDE SA 5000

PROJECT
NAIRNE VILLAGE GREEN-STAGE 2

JEFFREY STREET NAIRNE SA 5252

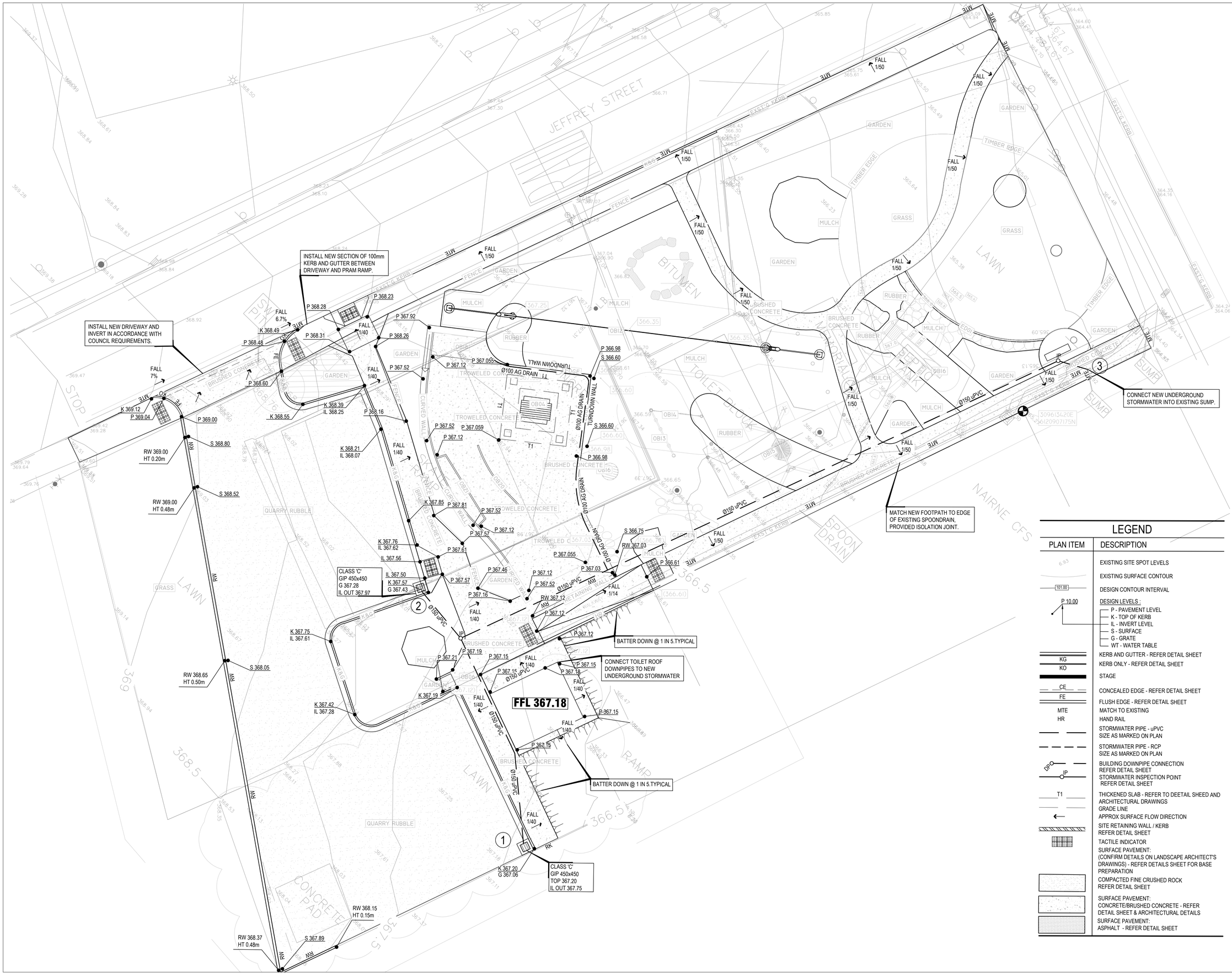
TITLE
CIVIL ENGINEERING
CIVIL NOTES

STATUS
TENDER
NOT FOR CONSTRUCTION

DESIGNED	DRAWN	APPROVED	DATE	SCALE @ A1	SHEET
J.S.	J.S.		03/08/20	NTS	1 of 3

PROJECT No	DRAWING No	REV
121815	C001	T01

DWG FILE: X:\121815 - NAIRNE GREEN VILLAGE\11_BIM\5_CIS_DWG\1_Current\STAGE 2\121815-C001.dwg - MH PLOT TIME: 03 Aug 2021, 3:41pm



REV	DESCRIPTION	BY	DATE
T01	FOR TENDER	J.S.	3.08.21

LEGEND

PLAN ITEM	DESCRIPTION
6.93	EXISTING SITE SPOT LEVELS
	EXISTING SURFACE CONTOUR
101.00	DESIGN CONTOUR INTERVAL
P 10.00	DESIGN LEVELS : P - PAVEMENT LEVEL K - TOP OF KERB IL - INVERT LEVEL S - SURFACE G - GRATE WT - WATER TABLE
KG	KERB AND GUTTER - REFER DETAIL SHEET
KO	KERB ONLY - REFER DETAIL SHEET
	STAGE
CE	CONCEALED EDGE - REFER DETAIL SHEET
FE	FLUSH EDGE - REFER DETAIL SHEET
MTE	MATCH TO EXISTING
HR	HAND RAIL
	STORMWATER PIPE - uPVC SIZE AS MARKED ON PLAN
	STORMWATER PIPE - RCP SIZE AS MARKED ON PLAN
DP	BUILDING DOWNPIPE CONNECTION REFER DETAIL SHEET
IP	STORMWATER INSPECTION POINT REFER DETAIL SHEET
T1	THICKENED SLAB - REFER TO DEETAIL SHEED AND ARCHITECTURAL DRAWINGS
	GRADE LINE
	APPROX SURFACE FLOW DIRECTION
	SITE RETAINING WALL / KERB REFER DETAIL SHEET
	TACTILE INDICATOR
	SURFACE PAVEMENT: (CONFIRM DETAILS ON LANDSCAPE ARCHITECT'S DRAWINGS) - REFER DETAILS SHEET FOR BASE PREPARATION
	COMPACTED FINE CRUSHED ROCK REFER DETAIL SHEET
	SURFACE PAVEMENT: CONCRETE/BRUSHED CONCRETE - REFER DETAIL SHEET & ARCHITECTURAL DETAILS
	SURFACE PAVEMENT: ASPHALT - REFER DETAIL SHEET

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MEINHARDT

Meinhardt Australia Pty Ltd

A.C.N. 089 954 549

Level 11, 44 Waymouth Street
Adelaide SA 5000
Australia
T: +61 8 8227 1544
F: +61 8 8227 1488
contact.sa@meinhardtgroup.com
http://www.meinhardtgroup.com

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PROJECT
NAIRNE VILLAGE GREEN-STAGE 2

JEFFREY STREET NAIRNE SA 5252

TITLE
CIVIL ENGINEERING
CIVIL WORKS PLAN

PROJECT NORTH

STATUS
TENDER
NOT FOR CONSTRUCTION

DESIGNED	DRAWN	APPROVED	DATE	SCALE @ A1	SHEET
J.S.	J.S.		03/08/21	1:100	2 OF 3

PROJECT No	DRAWING No	REV
121815	C002	T01

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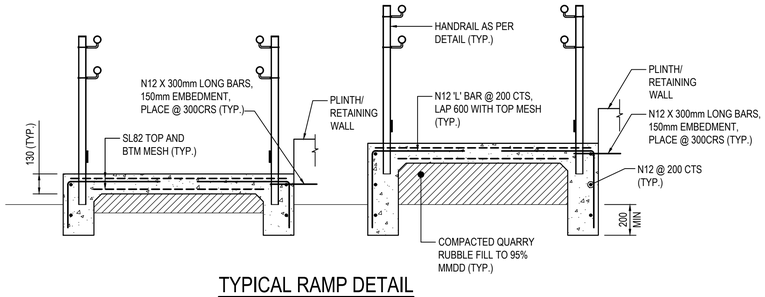
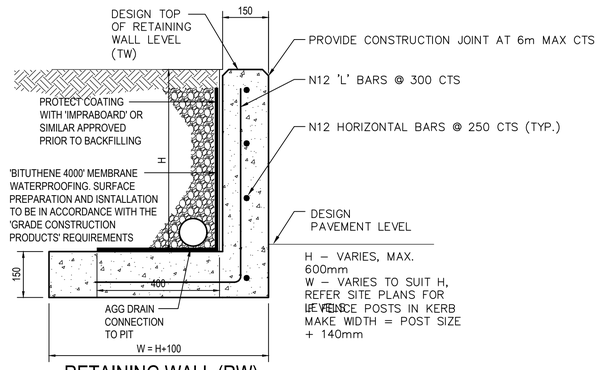


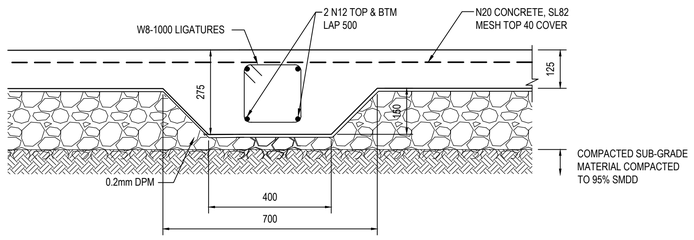
TYPICAL RAMP DETAIL

SCALE 1:20



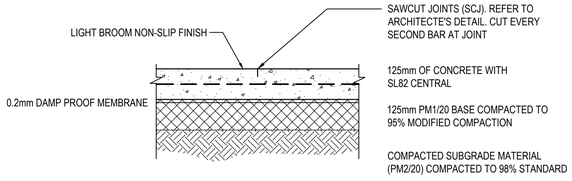
RETAINING WALL (RW)

SCALE 1:10



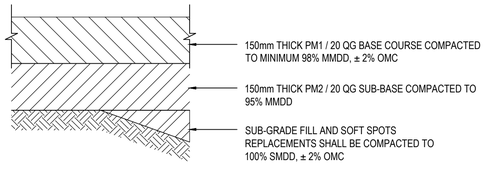
SLAB THICKENING (T1) DETAIL

SCALE 1:10



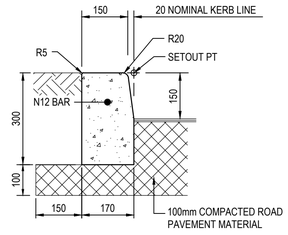
CONCRETE PATH DETAIL (PEDESTRIAN)

SCALE 1:10



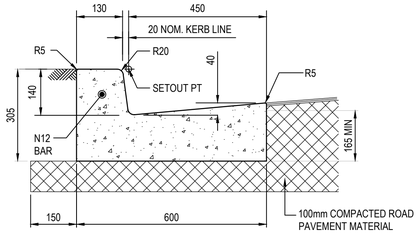
COMPACTED QUARRY RUBBLE DETAIL

SCALE 1:10



KERB ONLY DETAIL (KO)

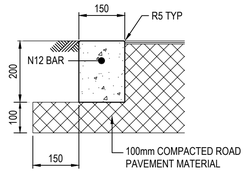
SCALE 1:10



100 KERB AND GUTTER DETAIL (KG)

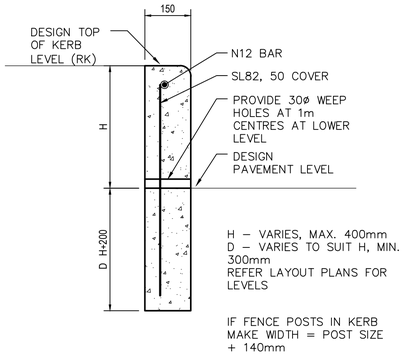
SCALE 1:10

NOTE: PROVIDE TOOLED JOINTS EVERY 3000 MAX.



FLUSH EDGE DETAIL (FE)

SCALE 1:10



RETAINING KERB (RK)

SCALE 1:10

NOTE: PROVIDE TOOLED JOINTS EVERY 3m MAX

REV	DESCRIPTION	BY	DATE
T01	FOR TENDER	J.S.	3.08.21

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Meinhardt Australia Pty Ltd

A.C.N. 089 954 549

Level 11, 44 Waymouth Street
Adelaide SA 5000
Australia
T: +61 8 8227 1544
F: +61 8 8227 1488
contact.sa@meinhardtgroup.com
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SUITE 3/241 PIRIE ST.
ADELAIDE SA 5000

PROJECT
NAIRNE VILLAGE GREEN-STAGE 2

JEFFREY STREET NAIRNE SA 5252

TITLE
CIVIL ENGINEERING
CIVIL DETAILS

STATUS
TENDER
NOT FOR CONSTRUCTION

DESIGNED	DRAWN	APPROVED	DATE	SCALE @ A1	SHEET
J.S.	J.S.		03/08/21	NTS	3 OF 3

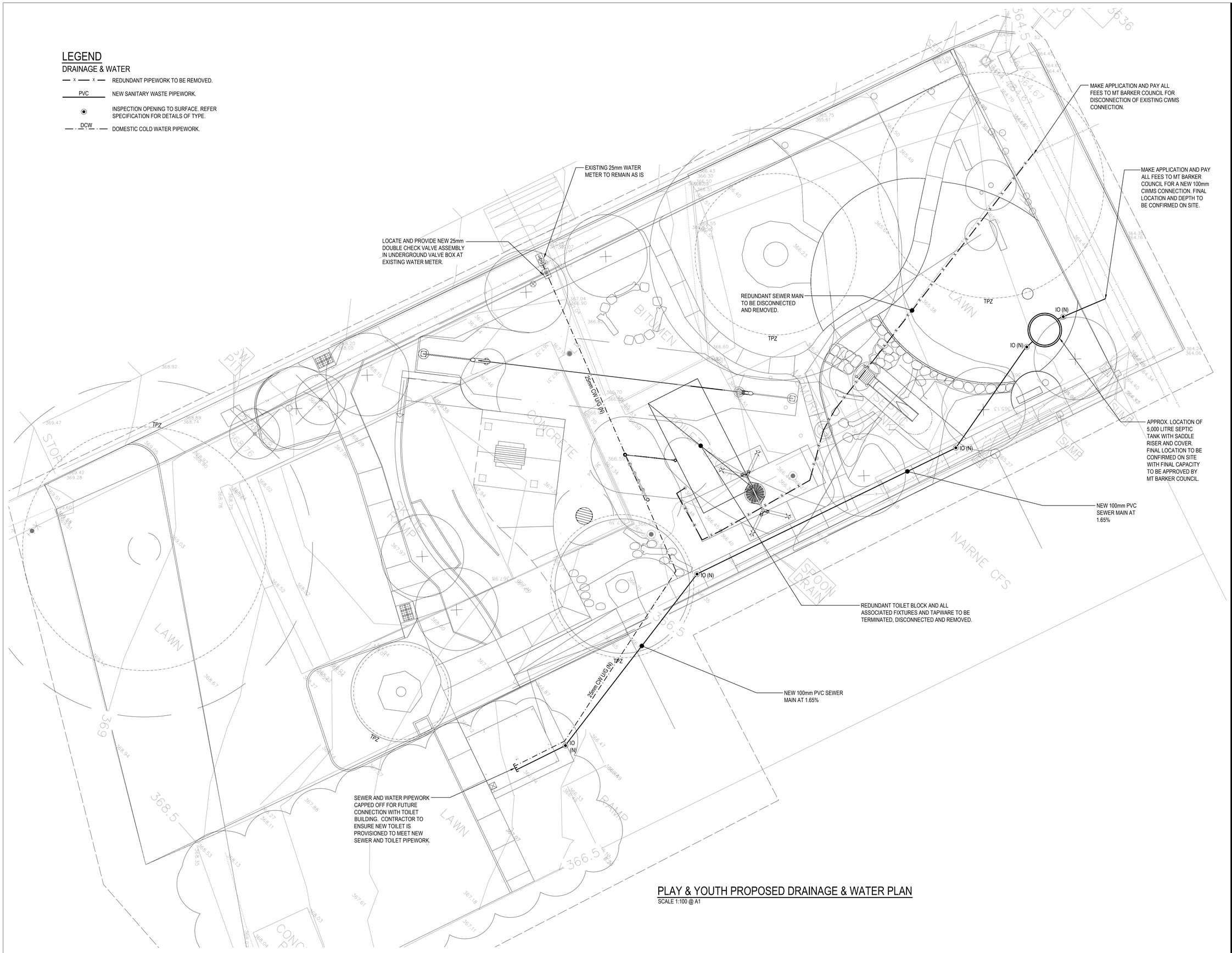
PROJECT No	DRAWING No	REV
121815	C003	T01

DWG FILE: X:\121815 - NAIRNE GREEN VILLAGE\11_BIM\6_CIS_DWG\1_Current\STAGE 2\121815-C003.dwg - MH PLOT TIME: 03 Aug 2021, 3:50pm

LEGEND

DRAINAGE & WATER

— x — x —	REDUNDANT PIPEWORK TO BE REMOVED.
PVC	NEW SANITARY WASTE PIPEWORK.
◉	INSPECTION OPENING TO SURFACE. REFER SPECIFICATION FOR DETAILS OF TYPE.
DCW	DOMESTIC COLD WATER PIPEWORK.



PLAY & YOUTH PROPOSED DRAINAGE & WATER PLAN

SCALE 1:100 @ A1

REV	DESCRIPTION	BY	DATE
T01	TENDER ISSUE	K.R.	07.07.21
T02	TENDER ISSUE	K.R.	20.07.21

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Meinhardt Australia Pty Ltd

A.C.N. 089 954 549

Level 11, 44 Waymouth Street
Adelaide SA 5000
Australia
T: +61 8 8227 1544
F: +61 8 8227 1488
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PROJECT
NAIRNE VILLAGE GREEN

JEFFREY STREET NAIRNE SA 5252

TITLE
HYDRAULIC SERVICES
PLAY & YOUTH
PROPOSED DRAINAGE &
WATER PLAN

PROJECT NORTH

STATUS
TENDER
NOT FOR CONSTRUCTION

DESIGNED	DRAWN	APPROVED	DATE	SCALE @ A1	SHEET
B.H.	K.R.		--	AS NOTED	01 of 02

PROJECT No	DRAWING No	REV
121815	H201	T02

DWG FILE: X:\121815 - NAIRNE GREEN VILLAGE\11_BIM\1_BSA_Hyd\121815-H201.dwg - MH PLOT TIME: 20 Jul 2021, 11:46am

GENERAL NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS, DETAILS AND OTHER CONSULTANTS DRAWINGS AND SPECIFICATIONS AND WITH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT.
2. DO NOT SCALE OFF DRAWINGS, ALL DIMENSIONS SHALL BE VERIFIED FROM ARCHITECTS DRAWINGS.
3. UNLESS NOTED OTHERWISE ALL DIMENSIONS ARE IN MILLIMETRES.
4. THE SANITARY PLUMBING AND DRAINAGE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH AS/NZS 3500.
5. PLUMBING CONTRACTOR SHALL NOTIFY THE OFFICE OF THE LOCAL COUNCIL PRIOR TO STARTING WORK ON SITE. WHERE CHANGES ARE REQUIRED TO THE PLUMBING & DRAINAGE SYSTEM DESIGN TO SATISFY THE LOCAL COUNCIL, THE CONTRACTOR MUST ADVISE THE HYDRAULIC CONSULTANT SO DOCUMENTS CAN BE AMENDED.
6. ALL FLOOR LEVELS, INVERT LEVELS AND THE LOCATION OF EXISTING SERVICES SHALL BE CHECKED ON SITE PRIOR TO SETTING OUT. NO ADDITIONAL CLAIMS WILL BE CONSIDERED IF FAILURE TO COMPLY WITH THIS REQUIREMENT RESULTS IN ADDITIONAL COSTS TO THE PLUMBING CONTRACTOR.
7. SOIL, WASTE AND VENT PIPES SHALL BE UPVC UNLESS OTHERWISE NOTED.
8. SEWER EXPANSION JOINTS TO BE INSTALLED TO AS2870 FOR SOIL CLASS H & E SITES.
9. THE FOLLOWING MATERIALS SHALL BE EMPLOYED IN THE DOMESTIC COLD WATER PIPEWORK RETICULATION SYSTEM.
   - HDPE PN 12.5 PE 80 TYPE C FOR UNDERGROUND PIPEWORK.
   - COPPER TYPE B ABOVE GROUND.
   - CROSS LINKED HIGH DENSITY POLYETHYLENE
   - ENSUITE HOT AND COLD WATER PIPEWORK FROM OUTLET OF STOP COCK ISOLATION FACILITY.
   - ALL EXPOSED PIPEWORK TO BE CHROME PLATED.
10. REFER TO SPECIFICATION FOR PROJECT STAGING AND HAND-OVER REQUIREMENTS.
11. PIPE DIMENSIONS SHOWN ON THE DRAWING ARE INTERNAL CLEAR BORE. IF PLASTIC PIPE USED WHERE NOMINAL SIZE BASED ON EXTERNAL DIAMETER, THEN NOMINAL SIZE TO BE PROVIDED THAT WILL HAVE MINIMUM INTERNAL BORE SHOWN ON THE DRAWING.
12. THE PLUMBING TRADE SHALL BE RESPONSIBLE FOR SETTING OUT OF THEIR WORKS BY CO-ORDINATING WITH ASSOCIATED TRADES & SERVICES. ALL BUILDING PENETRATIONS SHALL BE BY THE CONTRACTOR.

SPECIFICATION

1. GENERAL
THE WHOLE OF THE PLUMBING INSTALLATION SHALL BE CARRIED OUT BY AN APPROPRIATELY QUALIFIED PLUMBER AND SHALL BE IN STRICT ACCORDANCE WITH AS3500 TOGETHER WITH SA WATER/OFFICE OF THE TECHNICAL REGULATOR AND LOCAL COUNCIL REQUIREMENTS.

2. SCOPE OF WORKS
- PROVISION OF NEW 25mm DOUBLE CHECK VALVE ASSEMBLY IN UNDERGROUND VALVE BOX.
- PROVISION FOR CONNECTION TO EXISTING 25mm WATER METER.
- MAKE APPLICATION AND PAY ALL FEES TO MOUNT BARKER COUNCIL FOR A NEW 100mm SEWER CONNECTION TO SITE.
- PROVISION OF A NEW 5,000 LITRE SEPTIC TANK WITH SADDLE RISER AND COVER.
- CONFIRM FINAL ROUTE OF SEWER AND WATER PIPEWORK ON SITE.
- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH AS3500 REQUIREMENTS.

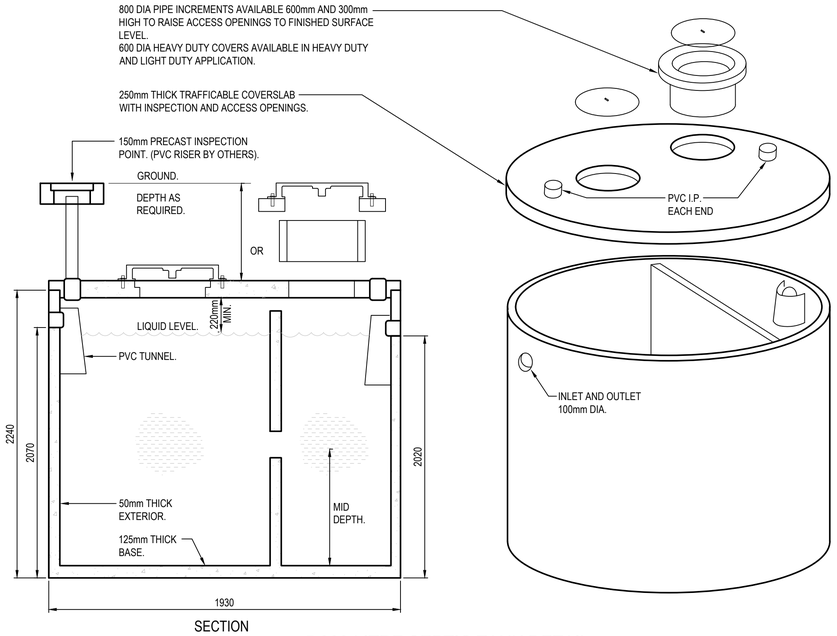
3. AS CONSTRUCTED DRAWINGS
SUPPLY ACCURATE 'AS CONSTRUCTED' DRAWING IN BOTH CD AND A3 FORMAT SHOWING LOCATION AND DEPTH OF ALL THE INSTALLED PLUMBING SERVICES.

4. OPERATING AND MAINTENANCE MANUALS
- PROVIDE OPERATING AND MAINTENANCE MANUALS INCLUDING THE FOLLOWING;
- DESCRIPTION AND TECHNICAL DATA FOR ALL EQUIPMENT INSTALLED.
- MAINTENANCE SCHEDULES.
- TESTING AND COMMISSIONING DATA.
- AS CONSTRUCTED DRAWINGS ON BOTH CD AND HARD COPY.
- CERTIFICATE(S) OF COMPLIANCE.

5. TRENCHING / BACK FILLING / REINSTATEMENT
- EXCAVATE TRENCHES NOT DEEPER THAN THE UNDERSIDE OF THE PIPE OR BEDDING MATERIAL WHEN REQUIRED. MAINTAIN TRENCHES FREE OF WATER.
- ALLOW TO SHORE TRENCHES AS REQUIRED AND MAINTAIN SAFE WORKING CONDITIONS.
- BACK FILL TRENCHES WITH CLEAN SAND TO 150mm COVER. BACK FILL REMAINDER OF TRENCH AS FOLLOWS AND COMPACTION AS REQUIRED:
  INTERNAL SERVICES - QUARRY SAND TO UNDERSIDE SLAB
  EXTERNAL SERVICES - PAVED AREA - 20mm QUARRY RUBBLE
  - UNPAVED AREA - EXCAVATE MATERIAL FREE OF ROCKS
- REMOVE ALL RUBBISH AND EXCESS SPOIL FROM SITE, MAKE GOOD TO ALL CHASED/PENETRATIONS AS REQUIRED TO COMPLETE THE INSTALLATION TO MATCH SURROUNDING SURFACES.

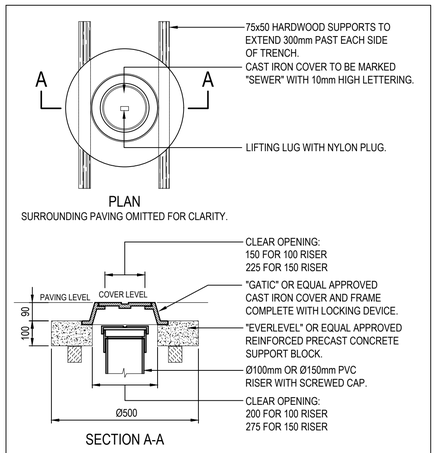
6. TESTING
TEST ALL THE SERVICES DURING AND AFTER INSTALLATION FOR WATER SEAL FOR MINIMUM 24HR PRIOR TO BACK FILLING.

7. MISCELLANEOUS
SEPTIC TANK
TYPE - UNDERGROUND
MAKE - COOKE PRECAST/ RI INDUSTRIES OR SIMILAR APPROVED
CAPACITY - 5,000 LITRES
COVER - HEAVY DUTY GAS TIGHT CAST IRON COVER
SPECIAL REQUIREMENTS:
- INSTALLATION TO MANUFACTURER'S RECOMMENDATION AND REQUIREMENTS.



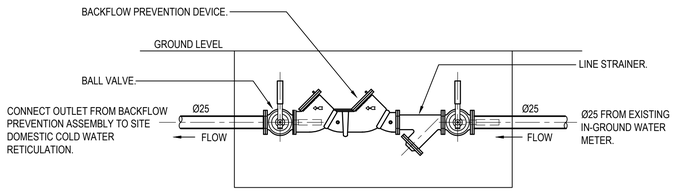
SECTION

5,000 LITRE SEPTIC TANK DETAIL
NOT TO SCALE



SECTION A-A

EXTERNAL CAST IRON SURFACE INSPECTION COVER DETAIL
NOT TO SCALE



DOMESTIC COLD WATER SUPPLY BACKFLOW PREVENTION DEVICE DETAIL
NOT TO SCALE

REV	DESCRIPTION	BY	DATE
T01	TENDER ISSUE	K.R.	07.07.21
T02	TENDER ISSUE	K.R.	20.07.21

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MEINHARDT
Meinhardt Australia Pty Ltd
A.C.N. 089 954 549

Level 11, 44 Waymouth Street
Adelaide SA 5000
Australia
T: +61 8 8227 1544
F: +61 8 8227 1488
contact.sa@meinhardtgroup.com
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ADELAIDE SA 5000

PROJECT
NAIRNE VILLAGE GREEN

JEFFREY STREET NAIRNE SA 5252

TITLE
HYDRAULIC SERVICES
PLAY & YOUTH
NOTES, SPECIFICATION & DETAILS

PROJECT NORTH

STATUS
TENDER
NOT FOR CONSTRUCTION

DESIGNED	DRAWN	APPROVED	DATE	SCALE @ A1	SHEET
B.H.	K.R.		--	AS NOTED	02 OF 02

PROJECT No	DRAWING No	REV
121815	H202	T02

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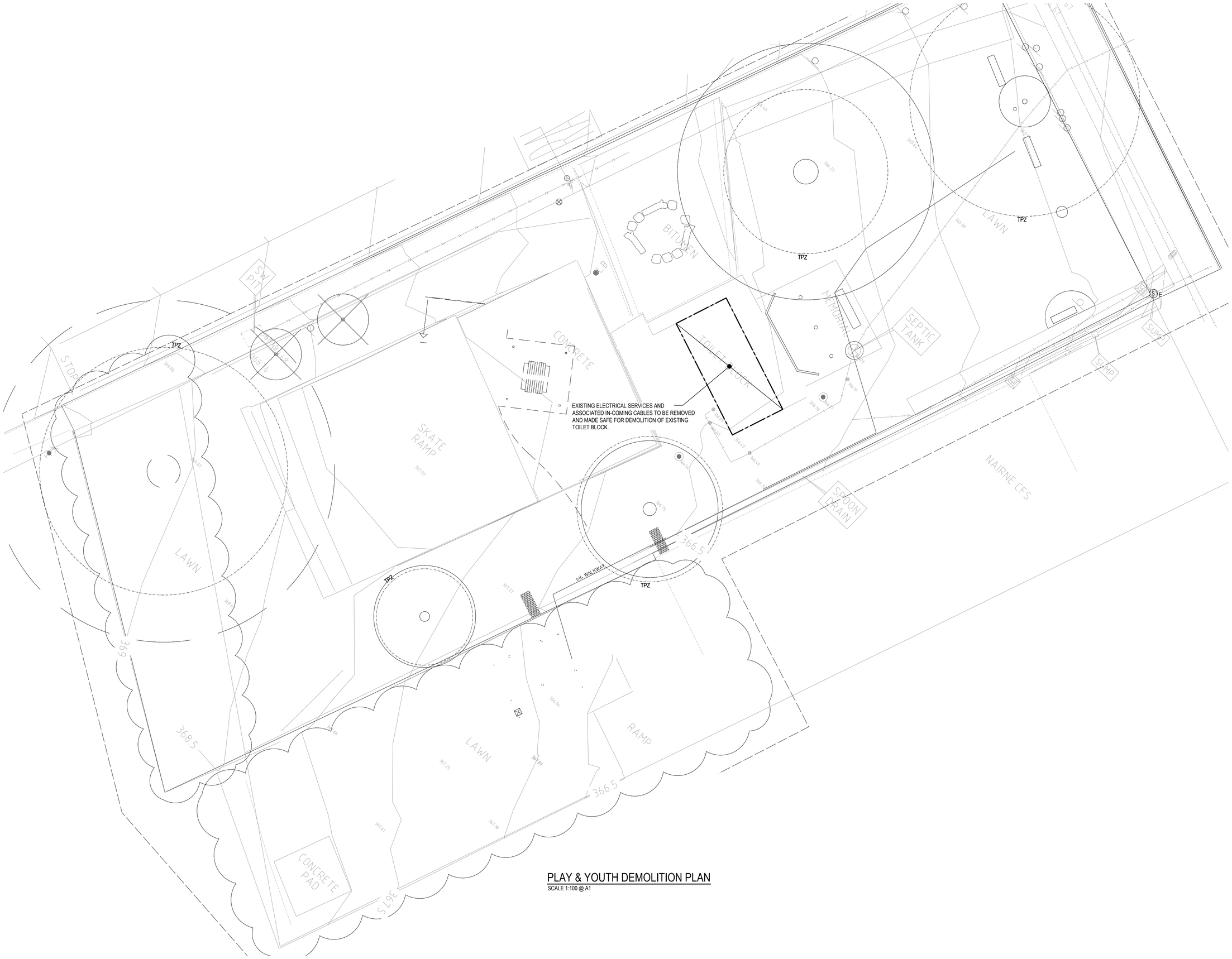

PLAY & YOUTH DEMOLITION PLAN

SCALE 1:100 @ A1

REV	DESCRIPTION	BY	DATE
T01	TENDER ISSUE	W.F	07.07.21
T02	TENDER ISSUE	W.F	20.07.21

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Meinhardt Australia Pty Ltd

A.C.N. 089 954 549

Level 11, 44 Waymouth Street
Adelaide SA 5000
Australia
T: +61 8 8227 1544
F: +61 8 8227 1488
contact.sa@meinhardtgroup.com
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PROJECT
NAIRNE VILLAGE GREEN

JEFFREY STREET NAIRNE SA 5252

TITLE
ELECTRICAL SERVICES
PLAY & YOUTH
DEMOLITION PLAN

PROJECT NORTH

STATUS
TENDER
NOT FOR CONSTRUCTION

DESIGNED	DRAWN	APPROVED	DATE	SCALE @ A1	SHEET
C.D	W.F	P3	--	AS NOTED	01 of 02

PROJECT No	DRAWING No	REV
121815	E200	T02

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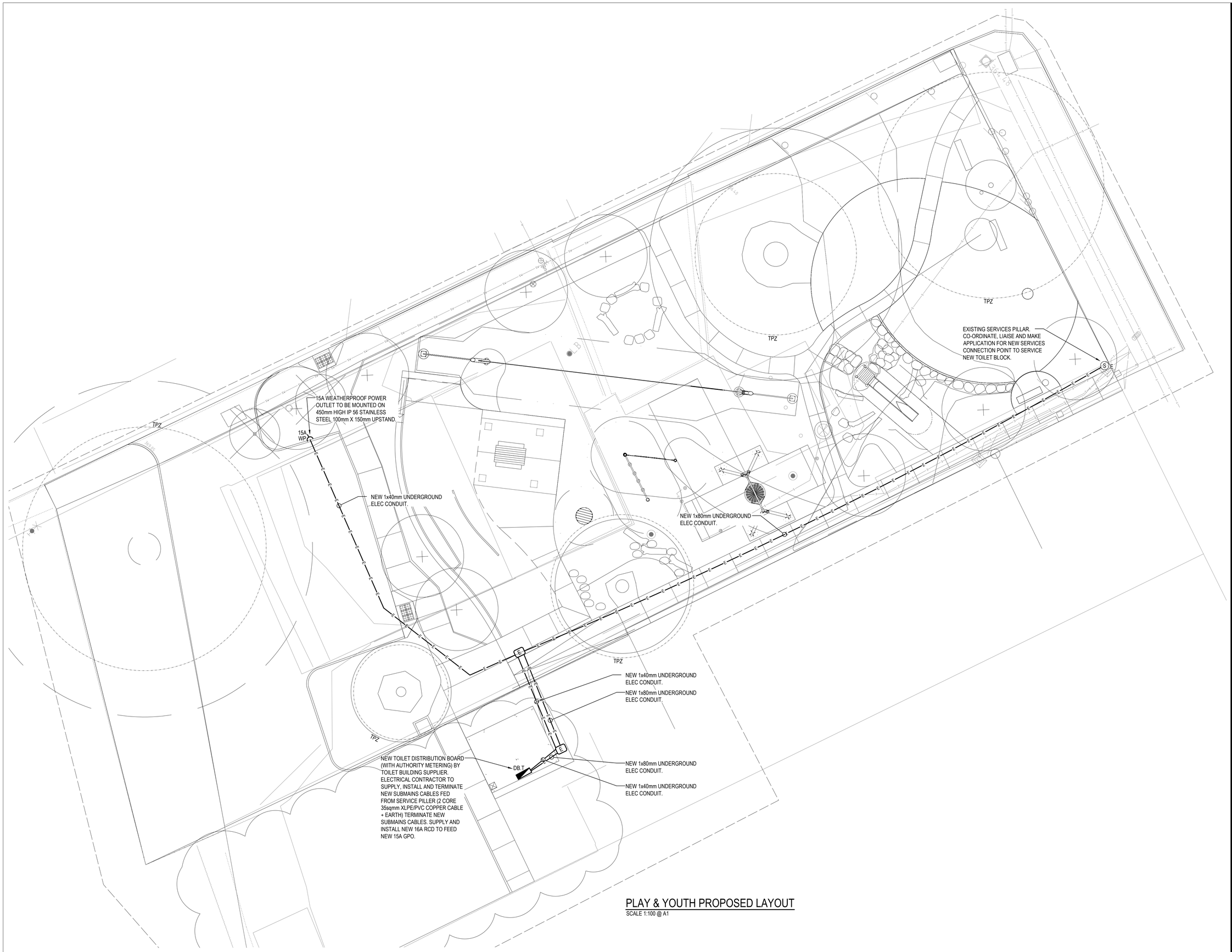

PLAY & YOUTH PROPOSED LAYOUT

SCALE 1:100 @ A1

REV	DESCRIPTION	BY	DATE
T01	TENDER ISSUE	W.F	07.07.21
T02	TENDER ISSUE	W.F	20.07.21

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MEINHARDT

Meinhardt Australia Pty Ltd

A.C.N. 089 954 549

Level 11, 44 Waymouth Street
Adelaide SA 5000
Australia
T: +61 8 8227 1544
F: +61 8 8227 1488
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PROJECT
NAIRNE VILLAGE GREEN

JEFFREY STREET NAIRNE SA 5252

TITLE
ELECTRICAL SERVICES
PLAY & YOUTH PROPOSED
LAYOUT

PROJECT NORTH

STATUS
TENDER
NOT FOR CONSTRUCTION

DESIGNED	DRAWN	APPROVED	DATE	SCALE @ A1	SHEET
C.D	W.F	P3	--	AS NOTED	02 OF 02

PROJECT No	DRAWING No	REV
121815	E201	T02

DWG FILE: X:\121815 - NAIRNE GREEN\VILLAGE\11_BIM\1_BS2_Elec\121815-E201.dwg - MH PLOT TIME: 20 Jul 2021, 11:47am