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# SCHEDULE OF DRAWINGS

SHEET No.	DESCRIPTION
41821-C00	COVER SHEET AND DRAWING SCHEDULE
41821–C01	EXISTING SITE PLAN
41821–C02	PROPOSED SITE PLAN
41821–C10	PROPOSED STORMWATER MANAGEMENT PLAN
41821–C11	GENERAL NOTES & TYPICAL DETAILS – STORMWATER MANAGEMENT DESIGN
41821–C20	PROPOSED SEWER & SEWER SERVICES PLAN
41821–C21	GENERAL NOTES & TYPICAL DETAILS – WATER & SEWER SERVICES DESIGN
41821–C30	PROPOSED CUT & FILL PLAN

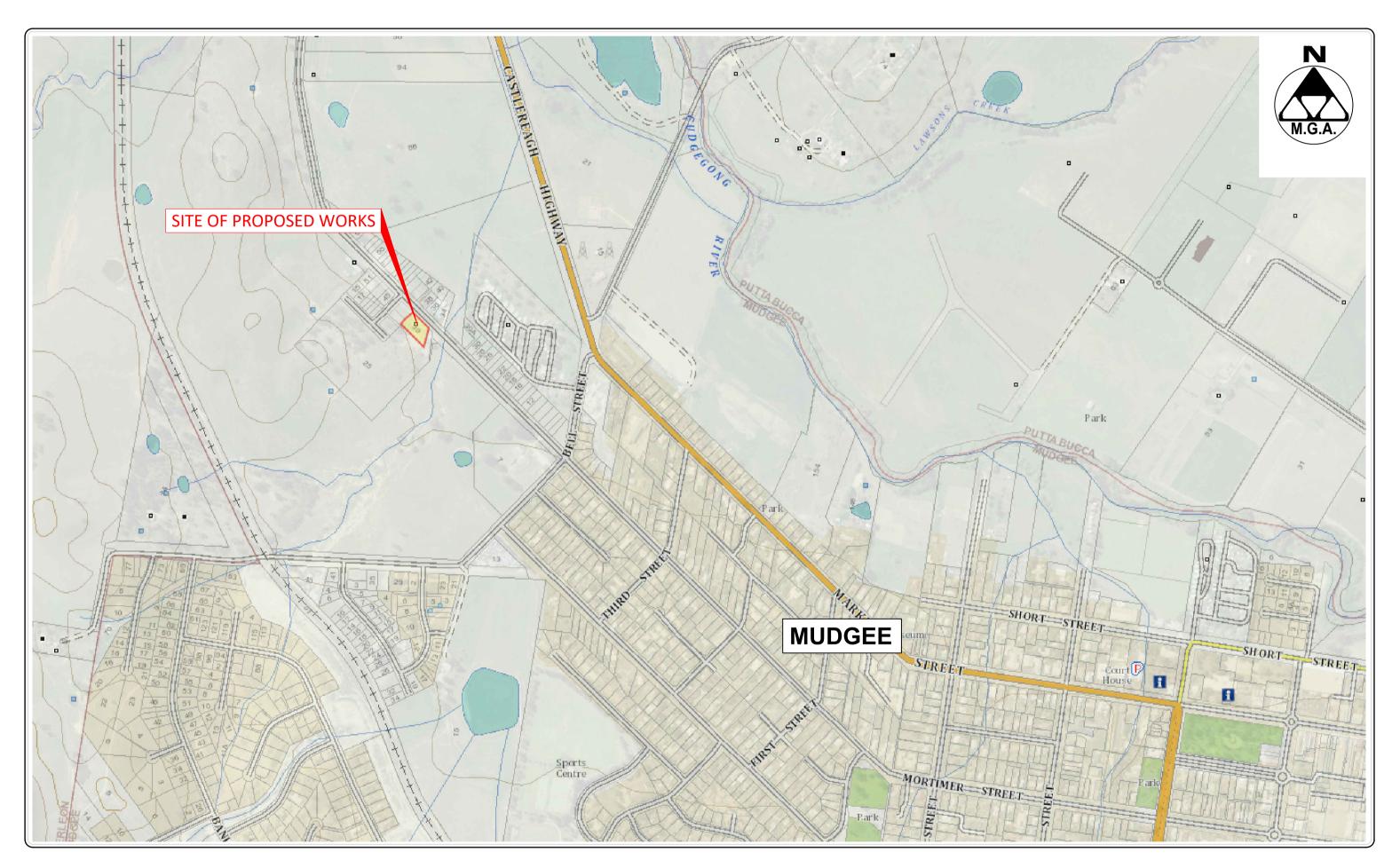


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# **Civil Design Documentation** Proposed Extension to Gowrie Childcare Centre Lot 30 in DP 1267157 39 Salesyards Lane, MUDGEE, NSW, 2850







A 04-07-2024 ISSUED FOR DA B 28-08-2024 CUT & FILL PLAN ADDED

## **EXTENSION TO GOWRIE** CHILDCARE CENTRE

**39 SALEYARDS LANE** MUDGEE NSW 2850



Check

## SUBMISSION FOR DA

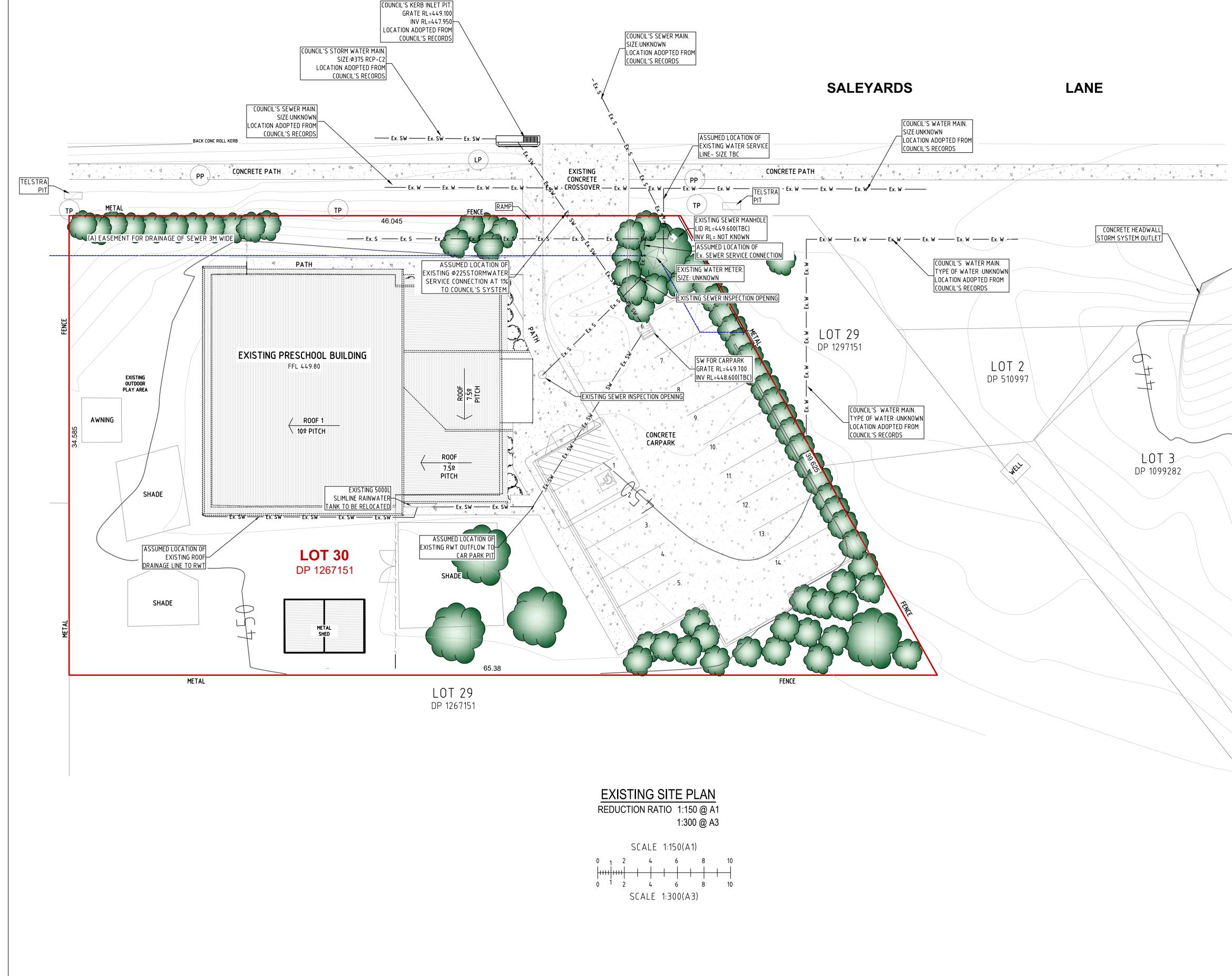
# **CIVIL ENGINEERING COVER SHEET**

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## EXTENSION TO GOWRIE CHILDCARE CENTRE

**39 SALEYARDS LANE** MUDGEE NSW 2850

## GHQS PTY LTD

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LEGEND (existing)										
	EXISTING SUBJECT CADASTRAL BOUNDARIES									
/	EXISTING FENCE LINE									
	EXTENT OF BUILDING ROOF									
<del>У</del> УУЧ.	EXTENT OF EXISTING CONCRETE									
	EXTENT OF EXISTING PAVING									
— Ex. W — Ex. W —	EXISTING UNDERGROUND WATER MAIN - APPROX.									
— Ex. S — Ex. S —	EXISTING UNDERGROUND SEWER PIPE - APPROX									
— Ex. SW — Ex. SW —	EXISTING DRAIN PIPE									



4.J.

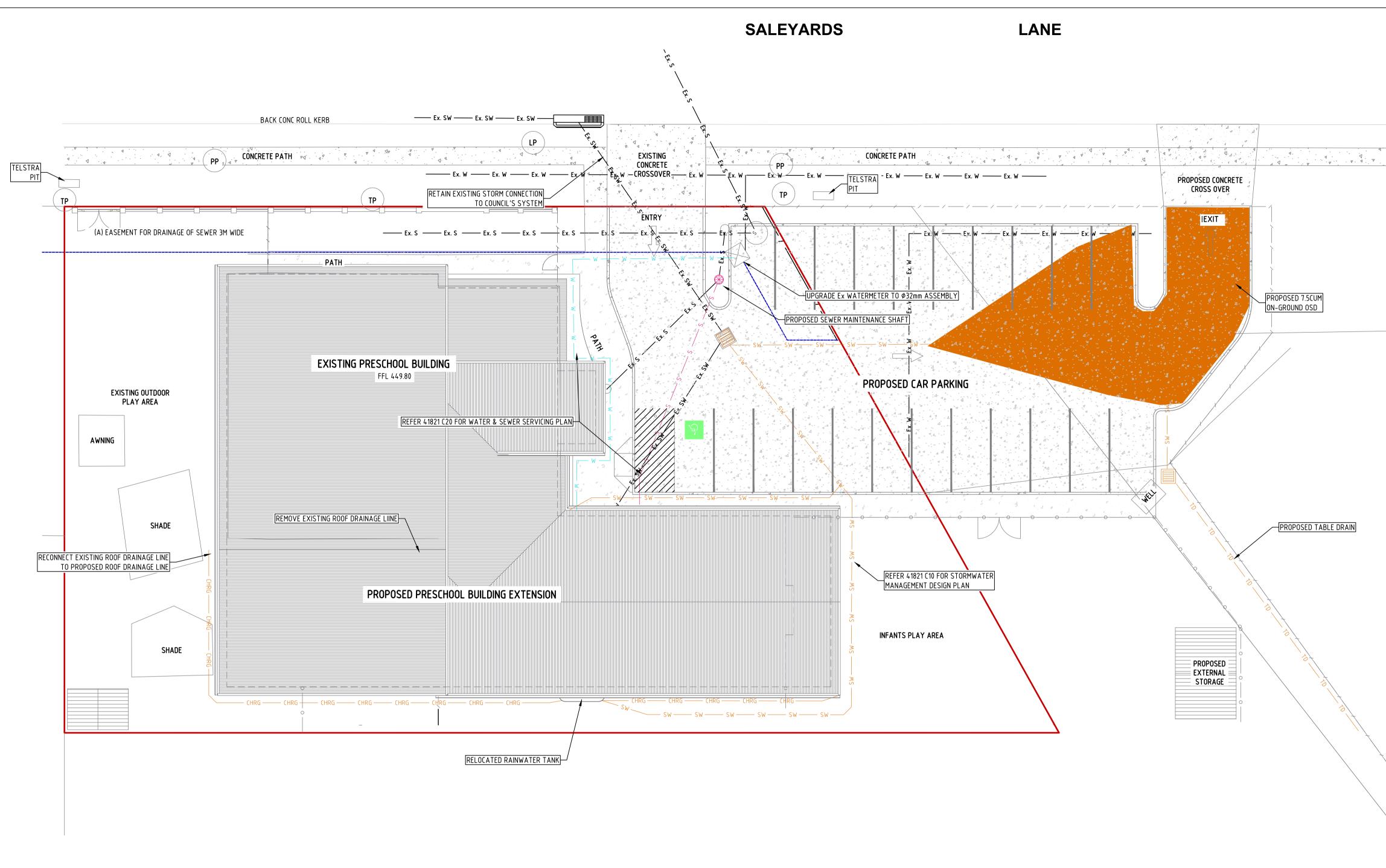
## EXISTING SITE PLAN

Design ST JS DOS

Revision

A1

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SCALE 1:150(A1) SCALE 1:300(A3)

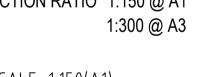


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## PROPOSED SITE PLAN REDUCTION RATIO 1:150 @ A1



EXTENSION TO GOWRIE CHILDCARE CENTRE

## PROPOSED SITE PLAN

Design ST Check DOS

Rev Date Description A 04-07-2024 ISSUED FOR DA

MUDGEE NSW 2850

**39 SALEYARDS LANE** 

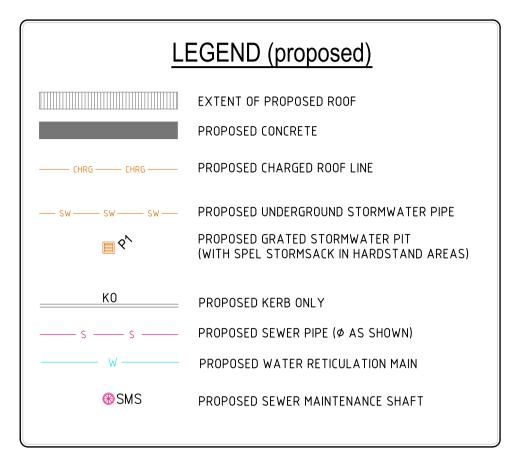
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## LEGEND (existing)

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EXISTING SUBJECT CADASTRAL BOUNDARIES EXISTING & PROPOSED FENCE LINE EXTENT OF BUILDING ROOF EXTENT OF EXISTING CONCRETE EXTENT OF EXISTING PAVING EXISTING UNDERGROUND WATER MAIN - APPROX. EXISTING UNDERGROUND SEWER PIPE - APPROX - Ex. SW - Ex. SW EXISTING DRAIN PIPE



SUBMISSION FOR DA

94

JS

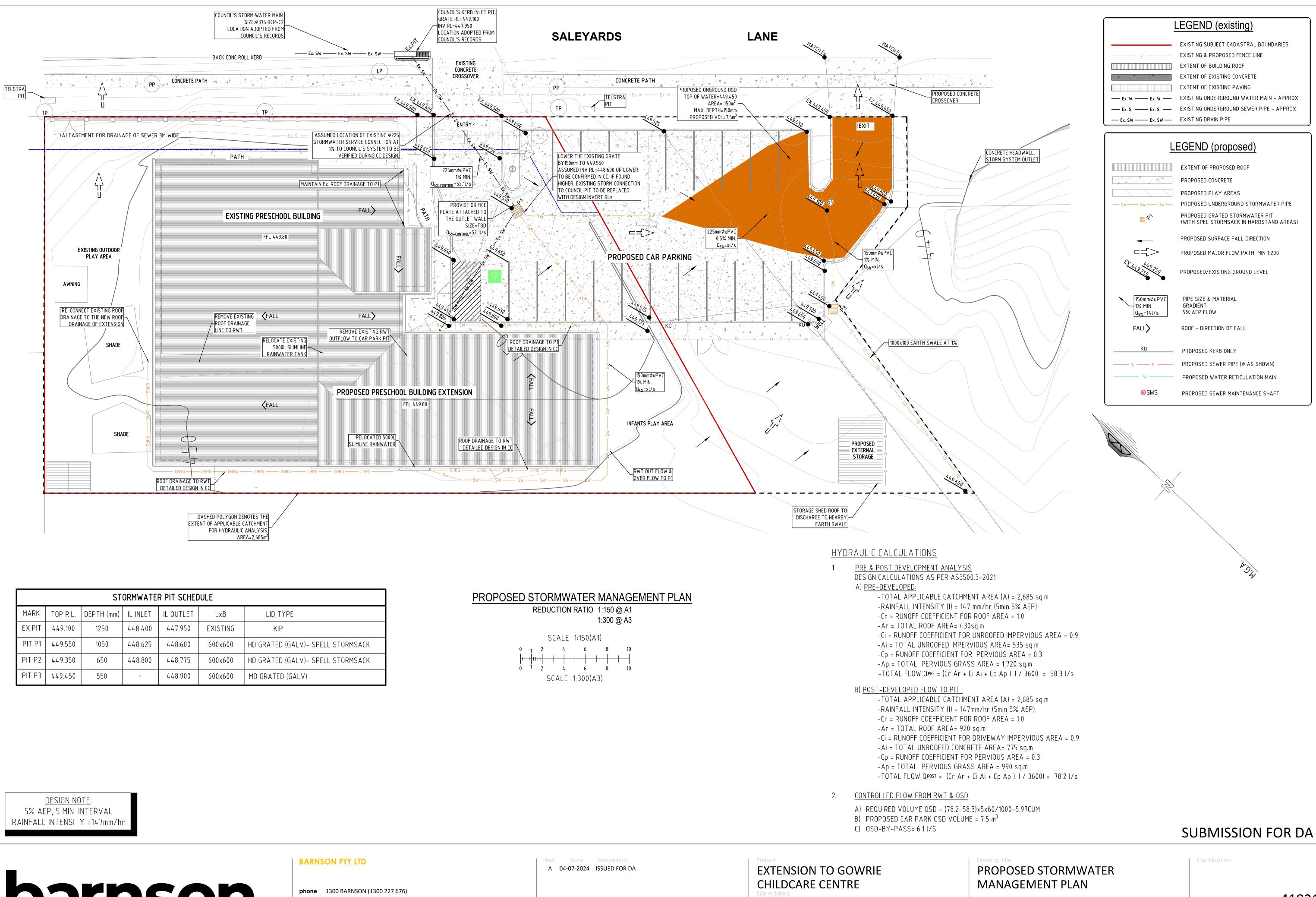
Revision

A1

Project No

41821 C02

A Drawing No



	STORMWATER PIT SCHEDULE											
MARK	TOP R.L.	DEPTH (mm)	IL INLET	IL OUTLET	LxB	LID TYPE						
EX.PIT	449.100	1250	448.400	447.950	EXISTING	KIP						
PIT P1	449.550	1050	448.625	448.600	600×600	HD GRATED (GALV)- SPELL STORMSACK						
PIT P2	449.350	650	448.800	448.775	600×600	HD GRATED (GALV)- SPELL STORMSACK						
PIT P3	449.450	550	-	448.900	600x600	MD GRATED (GALV)						



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41821 C10

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Revision

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A1

SITEWORKS NOTES

- 1. ORIGIN OF LEVELS :- AHD
- 2. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK.
- 3. ALL WORK IS TO BE UNDERTAKEN IN ACCORDANCE WITH THE DETAILS SHOWN ON THE DRAWINGS, THE SPECIFICATIONS AND THE DIRECTIONS OF THE SUPERINTENDENT.
- 4.EXISTING SERVICES HAVE BEEN OBTAINED FROM SURFACE INSPECTION ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH THE LOCATION AND THE LEVEL OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE SUPERINTENDENT. CLEARANCES SHALL BE OBTAINED FROM THE RELEVANT SERVICE AUTHORITY.
- 5. WHERE NEW WORKS ABUT EXISTING THE CONTRACTOR SHALL ENSURE THAT A SMOOTH EVEN PROFILE, FREE FROM ABRUPT CHANGES IS OBTAINED.
- 6. THE CONTRACTOR SHALL ARRANGE ALL SURVEY SETOUT TO BE CARRIED OUT BY A QUALIFIED SURVEYOR.
- 7. CARE IS TO BE TAKEN WHEN EXCAVATING NEAR EXISTING SERVICES. NO MECHANICAL EXCAVATIONS ARE TO BE UNDERTAKEN OVER TELECOM OR ELECTRICAL SERVICES. HAND EXCAVATE IN THESE AREAS.
- 8. ON COMPLETION OF CONSTRUCTION, ALL DISTURBED AREAS MUST BE RESTORED TO ORIGINAL, INCLUDING KERBS, FOOTPATHS, CONCRETE AREAS, GRAVEL AND GRASSED AREAS AND ROAD PAVEMENTS.
- 9. MAKE SMOOTH TRANSITION TO EXISTING AREAS. 10. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY
- DIVERSION DRAINS AND MOUNDS TO ENSURE THAT AT ALL TIMES EXPOSED SURFACES ARE FREE DRAINING AND WHERE NECESSARY EXCAVATE SUMPS AND PROVIDE PUMPING EQUIPMENT TO DRAIN EXPOSED AREAS. ALL WORK TO BE UNDERTAKEN WITH ADHERENCE TO THE REQUIREMENTS OF THE SOIL AND WATER MANAGEMENT PLAN.
- 11. THESE PLANS SHALL BE READ IN CONJUNCTION WITH APPROVED ARCHITECTURAL, STRUCTURAL, HYDRAULIC AND MECHANICAL DRAWINGS AND SPECIFICATIONS.

#### SURVEY NOTES

- 1. CONTOURS SHOWN DEPICT THE TOPOGRAPHY. EXCEPT AT SPOT LEVELS SHOWN THEY DO NOT REPRESENT THE EXACT LEVEL AT ANY PARTICULAR POINT.
- 2. SERVICES SHOWN HEREON HAVE BEEN DETERMINED FROM VISUAL EVIDENCE AND ARE INDICATIVE ONLY. PRIOR TO ANY DEMOLITION, EXCAVATION OR CONSTRUCTION ON THE SITE THE RELEVANT AUTHORITY SHOULD BE CONTACTED TO ESTABLISH DETAILED LOCATION AND DEPTH.

#### PIPE TRENCH – FILL NOTES:

#### 1. BEDDING SAND

BEDDING SAND SHALL BE GRANULAR MATERIAL HAVING A LOW PERMEABILITY AND HIGH STABILITY WHEN SATURATED CONFORMING TO THE GRADING LIMITS FOR BEDDING SAND AS INDICATED IN THE CONTRACT DOCUMENTS. BEDDING SAND SHALL BE COMPACTED TO A DENSITY INDEX OF 95% AS DETERMINED IN ACCORDANCE WITH AS1289.

2. APPROVED IMPORTED GRANULAR FILL

ONLY IMPORTED GRANULAR FILL MATERIAL APPROVED BY THE SUPERINTENDENT SHALL BE USED. THIS FILL MATERIAL SHALL BE COMPACTED IN LAYERS NOT EXCEEDING 300mm THICK TO A DRY DENSITY OF 100% OF THE STANDARD MAXIMUM DRY DENSITY OF THE MATERIAL AND WITH A MOISTURE CONTENT NO MORE THAN 1% ABOVE OPTIMUM MOISTURE CONTENT AS DETERMINED IN ACCORDANCE WITH AS1289.

#### 3. ORDINARY EXCAVATED FILL MATERIAL

ORDINARY EXCAVATED FILL MATERIAL IS EXCAVATED TRENCH MATERIAL THAT IS FREE OF VEGETABLE MATTER, HUMUS, LARGE CLAY LUMPS AND ROCK BOULDERS. THIS FILL MATERIAL SHALL BE COMPACTED IN LAYERS NOT EXCEEDING 300mm THICK, TO A DENSITY OF 95% OF THE STANDARD MAXIMUM DRY DENSITY OF THE MATERIAL WITH A MOISTURE CONTENT OF NOT MORE THAN 1% ABOVE THE OPTIMUM MOISTURE CONTENT AS DETERMINED IN ACCORDANCE WITH AS1289.

#### STORMWATER NOTES

- 1. ALL DOWNPIPE LINES SHALL BE SEWER GRADE UPVC WITH SOLVENT WELD JOINTS (U.N.O)
- 2. EQUIVALENT STRENGTH VCP OR FCP PIPES MAY BE USED
- 3. MINIMUM GRADE TO STORMWATER LINES TO BE 0.5% MINIMUM (U.N.O)
- 4. CONTRACTORS TO SUPPLY AND INSTALL ALL FITTINGS AND SPECIALS INCLUDING VARIOUS PIPE ADAPTORS TO ENSURE PROPER CONNECTION BETWEEN DISSIMILAR PIPEWORK
- 5. ALL CONNECTIONS TO EXISTING DRAINAGE PITS SHALL BE MADE IN A TRADESMAN-LIKE MANNER AND THE INTERNAL WALL OF THE PIT AT THE POINT OF ENTRY SHALL BE CEMENT RENDERED TO ENSURE A SMOOTH FINISH.
- 6. APPROVED PRECAST PITS MAY BE USED.
- 7. WHERE TRENCHES ARE IN ROCK, THE PIPE SHALL BE BEDDED ON A MIN. 50mm CONCRETE BED (75mm THICK BED OF 12mm BLUE METAL) UNDER THE BARREL OF THE PIPE. THE PIPE COLLAR AT NO POINT SHALL BEAR THE ROCK. IN OTHER THAN ROCK, PIPES SHALL BE LAID ON A 75mm THICK SAND BED. IN ALL CASES, BACKFILL THE TRENCH WITH THE SAND TO 200mm ABOVE THE PIPE .WHERE THE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH WITH SAND OR APPROVED GRANULAR BACKFILL COMPACTED IN 150mm LAYERS TO 98% MAX. DRY DENSITY.
- 8. WHERE STORMWATER LINES PASS UNDER FLOOR SLABS, SEWER GRADE RUBBER RING JOINTS ARE TO BE USED.
- 9. ALL PIPES IN THE ROADWAY AND FOOTPATH AREAS, WHERE THE DEPTH OF PIPE IS LESS THAN 500mm FROM THE FINISHED SURFACE LEVEL ARE TO BE CONCRETE ENCASED.

#### INSPECTION HOLD POINTS

- 1. INSTALLATION OF SEDIMENT & EROSION CONTROL MEASURES.
- 2. WATER & SEWER LINE INSTALLATION PRIOR TO BACKFILL.
- 3. ESTABLISHMENT OF LINE & LEVEL FOR KERB & GUTTER PLACEMENT.
- 4. ROAD PAVEMENT CONSTRUCTION.
- 5. ROAD PAVEMENT SURFACING.
- 6. PRACTICAL COMPLETION.

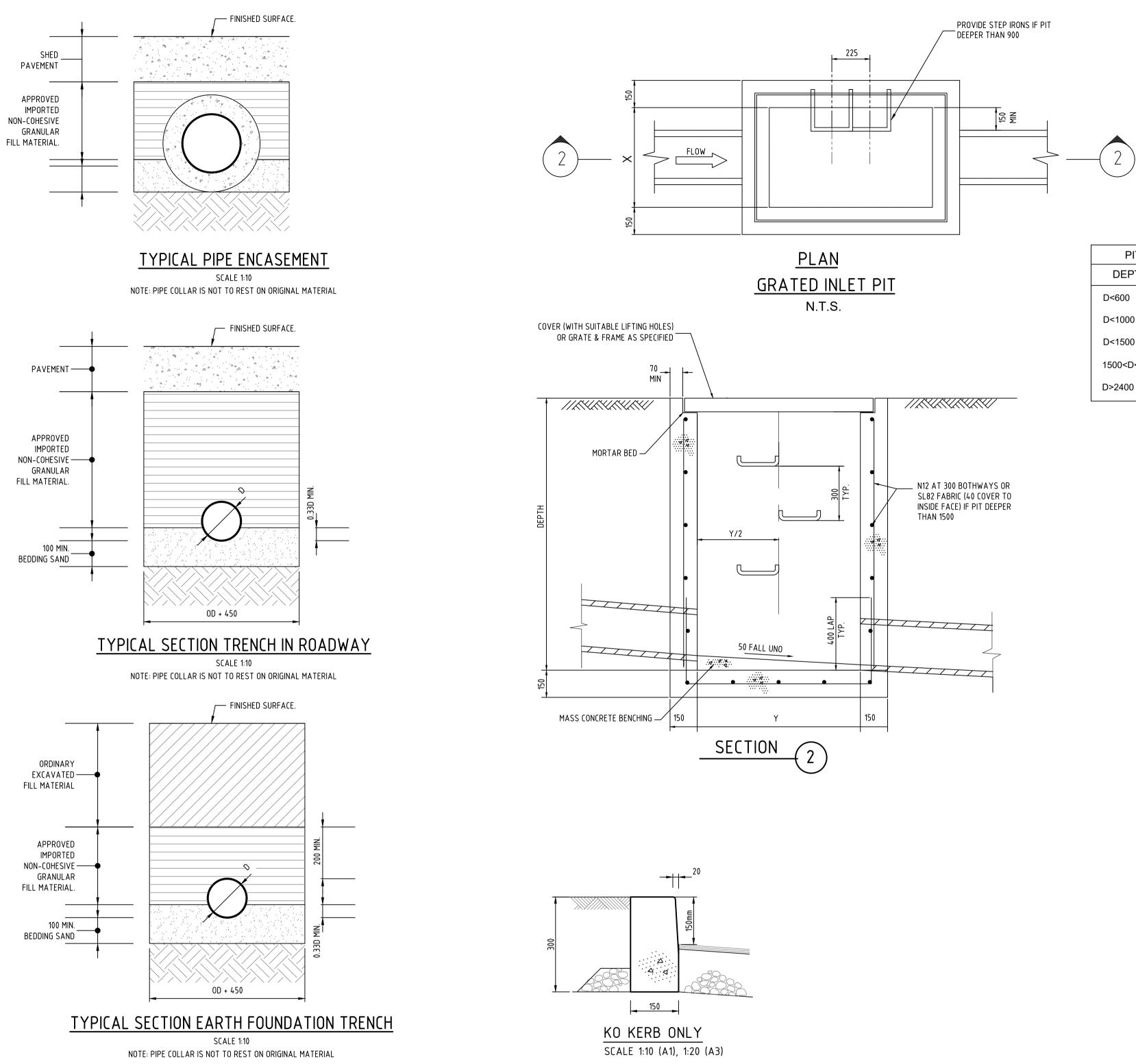
#### SERVICES INSTALLATION

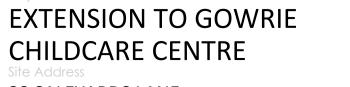
1. INSTALLATION OF ALL UUNDERGROUND PIPES BE INSTALLED PRIOR TO INSTALLATION OF ROAD PAVEMENT



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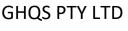
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**GENERAL NOTES & TYPICAL DETAILS** 

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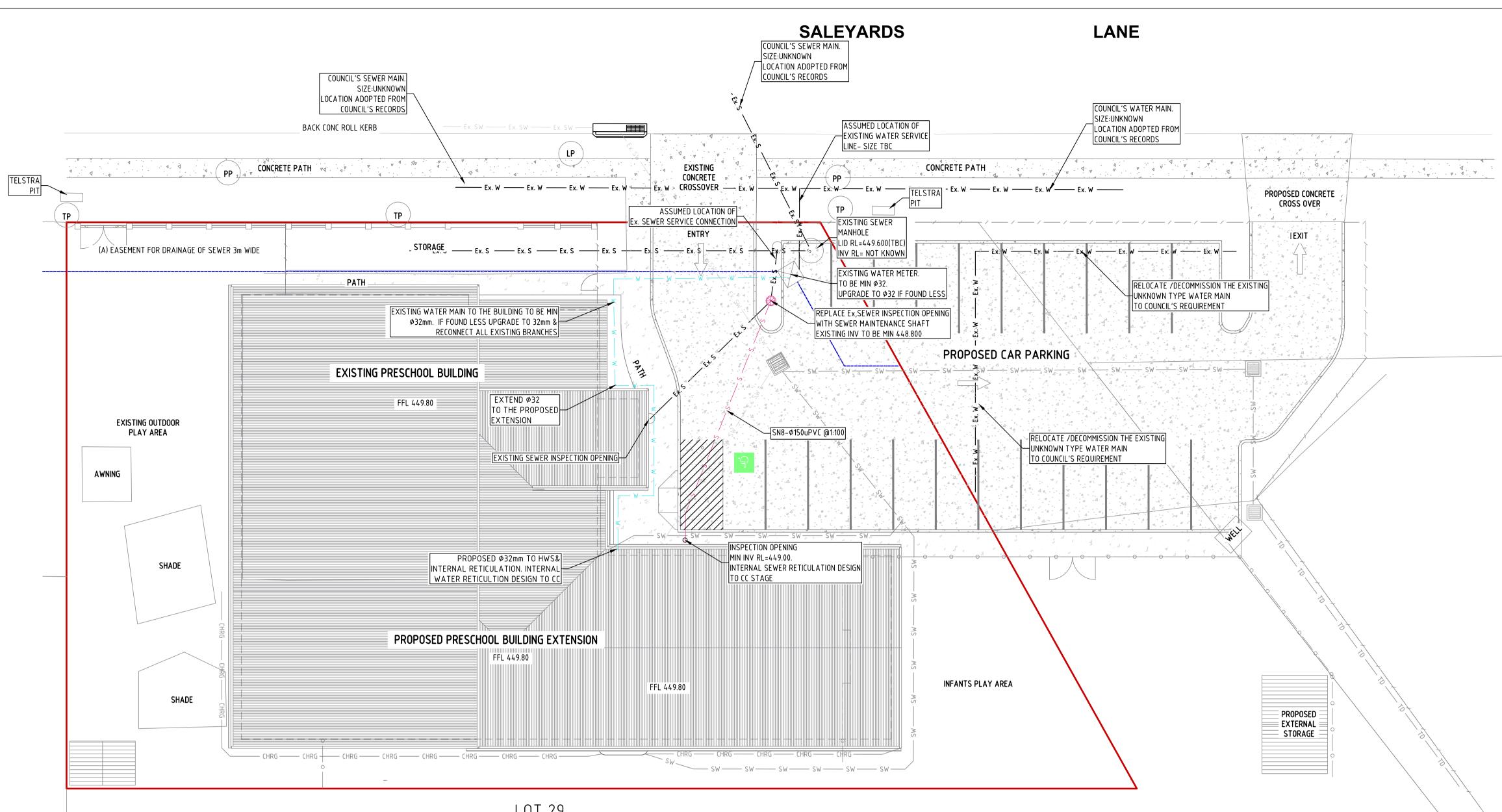
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STORMWATER MANAGEMENT DESIGN

Revision







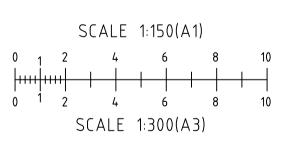
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## PROPOSED WATER & SEWER SERVICES PLAN

REDUCTION RATIO 1:150 @ A1 1:300 @ A3



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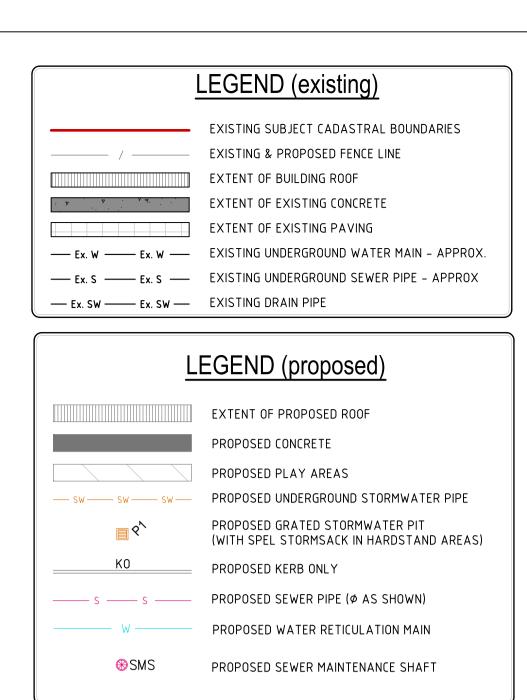
## EXTENSION TO GOWRIE CHILDCARE CENTRE

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## **ISSUED FOR APPROVAL**

& SEWER
Original Sheet Size
Revision

A1

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#### SITEWORKS NOTES:

- 1. ORIGIN OF LEVELS :- A.H.D.
- 2. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING
- LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK. 3. ALL WORK IS TO BE UNDERTAKEN IN ACCORDANCE WITH THE
- DETAILS SHOWN ON THE DRAWINGS, THE SPECIFICATIONS AND THE DIRECTIONS OF THE SUPERINTENDENT
- 4. EXISTING SERVICES HAVE BEEN OBTAINED FROM SURFACE INSPECTION ONLY. TO ESTABLISH THE LOCATION AND LEVEL OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE SUPER-INTENDENT. CLEARANCES SHALL BE OBTAINED FROM THE RELEVANT SERVICE AUTHORITY.
- 5. WHERE NEW WORKS ABUT EXISTING THE CONTRACTOR SHALL ENSURE THAT A SMOOTH EVEN PROFILE, FREE FROM ABRUPT CHANGES IS OBTAINED.
- 6. THE CONTRACTOR SHALL ARRANGE ALL SURVEY SETOUT TO BE CARRIED OUT BY A QUALIFIED SURVEYOR.
- 7. CARE IS TO BE TAKEN WHEN EXCAVATING NEAR EXISTING SERVICES. NO MECHANICAL EXCAVATIONS ARE TO BE UNDERTAKEN OVER TELECOM OR ELECTRICAL SERVICES HAND EXCAVATE IN THESE AREAS.
- 8. ON COMPLETION OF CONSTRUCTION ALL DISTURBED AREAS MUST BE RESTORED TO ORIGINAL, INCLUDING KERBS, FOOTPATHS, CONCRETE AREAS, GRAVEL AND GRASSED AREAS AND ROAD PAVEMENTS. MAKE SMOOTH TRANSITION HAND EXCAVATE IN THESE AREAS.
- 9. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY DIVERSION DRAINS AND MOUNDS TO ENSURE THAT AT ALL TIMES EXPOSED SURFACES ARE FREE DRAINING AND WHERE NECESSARY EXCAVATE SUMPS AND PROVIDE PUMPING EQUIPMENT TO DRAIN EXPOSED AREAS.
- 10. ALL WORK TO BE UNDERTAKEN WITH ADHERENCE TO THE REQUIREMENTS OF THE SOIL AND WATER MANAGEMENT PLAN
- 11. THESE PLANS SHALL BE READ IN CONJUNCTION WITH APPROVED ARCHITECTURAL, STRUCTURAL, HYDRAULIC AND MECHANICAL DRAWINGS AND SPECIFICATIONS.

#### SEWER MAIN NOTES

- 1. ALL SEWER MAINS SHALL BE 1500 CLASS SN8 RRJ UPVC PIPE. ALL GRAVITY LINES TO USE SEWER GRADE FITTINGS WHERE REQUIRED
- 2. CONSTRUCTION OF SEWER MAINS AND MANHOLES SHALL BE CARRIED OUT IN ACCORDANCE WITH THE WSA SEWERAGE CODE, WSA-02, 2002
- 3. ANY OTHER SERVICES INCLUDING TELSTRA, GAS, POWER, WATER AND STORMWATER MUST BE LOCATED BEFORE WORK COMMENCES.
- 4. MANHOLES SHALL BE PRECAST CONCRETE FROM A SUPPLIER APPROVED BY COUNCIL AND HAVE STEP IRONS AT 300mm SPACINGS, A ROUND REMOVABLE LIGHT DUTY GATIC COVER (UNO) AND A MINIMUM INTERNAL DIAMETER OF 1020mm.
- 5. 150mmø BOUNDARY RISERS SHALL BE PROVIDED TO EACH LOT TO THE REQUIREMENTS OF THE MANAGER, HEALTH & BUILDING.
- 6. RISERS AND SIDELINES TO BE CONSTRUCTED TO WSA-02 2002. 7. FLOW LINE CHANNELS AND INTERSECTIONS SHALL BE CONSTRUCTED THROUGH MANHOLES AS PER WSA-02 2002.
- 8. ALL SEWER MAINS TO BE PRESSURE TESTED AS PER WSA-02 2002 AND THE REQUIREMENTS OF COUNCIL
- 9. ANY EXTERNAL MANHOLE DROPS TO BE IN ACCORDANCE WITH SEWER CODE OF AUSTRALIA DRAWING No.SEW 1303 MN DROP 460mm
- 10. THE MINIMUM DEPTH TO TOP OF PIPE SHALL BE 600mm, EXCEPT UNDER ROAD PAVEMENT WHERE MINIMUM COVER TO TOP OF PIPE SHALL BE 800mm MINIMUM UNLESS SHOWN OTHERWISE. PIPES WITH LESS COVER THAN THESE LIMITS TO BE CONCRETE ENCASED, AND DICL UNDER ROADS
- 11. GRADES OF GRAVITY MAINS NOT TO BE FLATTER THAN 1 IN 80 (1.25%) FOR 150mm DIAMETER PIPES AS PER DESIGN, UNLESS APPROVED BY COUNCIL.
- 12. MANHOLES SHALL BE PLACED AT EACH CHANGE IN DIRECTION OR GRADE OF THE PIPE LINE AT INTERVALS ALONG THE LINE NOT EXCEEDING 80m.

#### **BEDDING NOTES:**

1. THE MINIMUM DEPTH TO TOP OF PIPE SHALL BE 600mm, EXCEPT UNDER ROAD PAVEMENT WHERE MINIMUM COVER TO TOP OF PIPE SHALL BE 800mm MINIMUM UNLESS SHOWN OTHERWISE. PIPES WITH LESS COVER THAN THESE LIMITS TO BE CONCRETE ENCASED, AND DICL UNDER ROADS.

#### GENERAL WATER RETICULATION NOTES:

- 1. ALL PLUMBING WORKS SHALL BE IN ACCORDANCE WITH AS 3500, LOCAL WATER AUTHORITY, THE BUILDING CODE OF AUSTRALIA, & WATER GUIDELINES.
- 2. LIASE WITH THE LOCAL WATER AUTHORITY AND PLUMBING INDUSTRY COMMISSION AND ALLOW TO PAY ALL REQUIRED FEES/LEVIES ETC. ASSOCIATED WITH THE WORKS.
- 3. FIXTURES, TAP WARE & FITTINGS SHALL BE SUPPLIED & INSTALLED AS PER ARCHITECTS SELECTION. REFER BUILDING WORKS SPECIFICATION. CONCEAL ALL PIPES WITHIN WALLS. NO SURFACE MOUNTED PIPING IS ACCEPTABLE. INCLUDE RETICULATION OF DOMESTIC HOT AND COLD WATER TO ALL FIXTURES - REFER ARCHITECT'S PLANS.
- 4. COORDINATE ALL WORKS WITH ALL OTHER SERVICES. CHECK LEVELS OF ALL PIPES PRIOR TO WORKS.
- 5. THE PLUMBING CONTRACTOR SHALL CARRY OUT ALL EXCAVATION, SHORING AND BACKFILLING. BACK FILL WITH CONSOLIDATED CLASS 2 CRUSHED ROCK WHERE SERVICES ARE BELOW PATHS, ROADS ETC. 98% COMPACTION DRY DENSITY
- 6. ALL PIPEWORK SHALL BE CONCEALED WITHIN WALL CAVITIES, DUCTS, VANITIES AND CEILING SPACES. INSTALL PIPEWORK SUCH THAT NO WATER HAMMER OCCURS. SHOULD WATER HAMMER OCCUR RECTIFY AS REQUIRED.
- 7. PIPING, VALVES LOCATED UNDERGROUND SHALL WHERE REQUIRED BE WRAPPED WITH AN APPROVED MATERIAL
- 8. THE PLUMBING CONTRACTOR SHALL SUPPLY AND INSTALL, TEST AND COMMISSION ALL PLUMBING SYSTEMS AS NOTED ON DRAWINGS. ALL WORKS TO BE IN ACCORDANCE WITH AS 3500 RELEVANT PARTS, LOCAL WATER AUTHORITY, FIRE AUTHORITY AND BUILDING CODE OF AUSTRALIA.
- 9. TESTING OF WATER SERVICES SHALL BE AS PER AS3500.1.2:1998 i.e. AT 1500KPa FOR A PERIOD OF NOT LESS THAN 30 MINUTES. WORKS MUST BE TESTED PRIOR TO CONCEALMENT. TEST SECTIONS OF WORK (STAGES) AS REQUIRED. TESTING OF FIRE SERVICES SHALL BE TO AUTHORITIES REQUIREMENTS INCLUDING FLOW/PRESSURE TESTS, HOSE REELS AND HYDROSTATIC TESTS BY AN INDEPENDENT FIRE TESTER.
- 10. MATERIALS - WATER SERVICES TO BE POLYETHYLENE PIPE TO AS3500.1,
  - FITTING TO COMPLY WITH AS 1589.
  - FIRE SERVICES SHALL BE COPPER TYPE A TO AS 1432 - HOT WATER SERVICES SHALL BE LAGGED WITH 19mm ARMAFLEX.
- 11. PROVIDE CONCRETE THRUST BLOCKS AS PER PIPE MANUFACTURERS REQUIREMENTS AND AS PER AS3500.1.2:1998.
- 12. VALVES SHALL BE AS FOLLOWS:
  - TEMPERING VALVES RMC OR APPROVED EQUAL
  - ALL ISOLATING VALVES TO BE BRONZED GATE VALVES WITH NON RISING SPINDLE TYPE
  - ALL VALVES TO BE FULLY TESTED.
  - PROVIDE CAST IRON VALVE BOXES TO ALL IN GROUND VALVES.
- PROVIDE ISOLATING VALVES AS REQUIRED BY STANDARDS.
- 13. PROVIDE VACUUM BREAKERS TO ALL HOSE BIBBS 14. OTHER REQUIRMENTS: - PRIOR TO COMPLETION OF DEFECTS WARRANTY PERIOD CARRY OUT A MAINTENANCE VISIT AND CHECK THE COMPLETE
- SYSTEM INCLUDING ALL EQUIPMENT TAPWARE ETC 15. ALLOW FOR ALL AUTHORITIES CHARGES INCLUDING METERS &
- INSTALLATION, APPLICATION FEES, CONNECTION AND TAPPING FEES FOR WATER. CLEARLY IDENTIFY IN TENDER WITH DETAILED BREAKDOWN. 16. PROVIDE IDENTIFICATION (LABELS TO ALL PIPING)
- 17. AVAILABLE WATER PRESSURE & FLOW RATES TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION TO ENSURE COMPLIANCE WITH AS3500.

#### MAINTENANCE SHAFT NOTES

- 1. ALL DIMENSIONS IN MILLIMETERS
- 2. ALL CONNECTION TYPES SHOWN ARE APPLICABLE TO VC, PVC (SOLVENT WELD) AND PVC (RUBBER RING) PIPES UNLESS OTHERWISE SHOWN
- 3. INSTALL BRANCH CONNECTIONS & PROPERTY CONNECTIONS (AS SHOWN) IN RISER SHAFT (DROP JUNCTIONS WHERE SHOWN. MAXIMUM OF 1 RETICULATION INLET OR 2 PROPERTY CONNECTIONS.
- 4. MS MAY BE MANUFACTURED USING VARIOUS MATERIALS AND JOINTING SYSTEMS AS AUTHORISED BY WATER AGENCY
- 5. MAXIMUM DEPTH TO INVERT 5000
- 6. ADJUST MS TO PIPE GRADE BY TILTING MS CHAMBER. MAX. DEVIATION FROM VERTICAL OF THE RISER TO BE 1:10 OR A MAXIMUM OF 300 AT SURFACE.
- 7. ACCESS COVER, FRAME AND SUPPORT SLAB TO BE AS AUTHORISED BY MWRC



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PIPE TRENCH - FILL NOTES

1. BEDDING SAND BEDDING SAND SHALL BE GRANULAR MATERIAL HAVING A LOW PERMEABILITY AND HIGH STABILITY WHEN SATURATED, CONFORMING TO THE GRADING LIMITS FOR BEDDING SAND AS INDICATED IN THE CONTRACT DOCUMENTS. BEDDING SAND SHALL BE COMPACTED TO A DENSITY INDEX OF 95% AS DETERMINED IN ACCORDANCE WITH AS1289.

2. APPROVED IMPORTED GRANULAR FILL ONLY IMPORTED GRANULAR FILL MATERIAL APPROVED BY THE SUPERINTENDENT SHALL BE USED. THIS FILL MATERIAL SHALL BE COMPACTED IN LAYERS NOT EXCEEDING 300mm THICK TO A DRY DENSITY OF 100% OF THE STANDARD MAXIMUM DRY DENSITY OF THE MATERIAL AND WITH A MOISTURE CONTENT NO MORE THAN 1% ABOVE OPTIMUM MOISTURE CONTENT AS DETERMINED IN ACCORDANCE WITH AS1289.

3. ORDINARY EXCAVATED FILL MATERIAL ORDINARY EXCAVATED FILL MATERIAL IS EXCAVATED TRENCH MATERIAL THAT IS FREE OF VEGETABLE MATTER, HUMUS, LARGE CLAY LUMPS AND ROCK BOULDERS. THIS FILL MATERIAL SHALL BE COMPACTED IN LAYERS NOT EXCEEDING 300mm THICK, TO A DENSITY OF 95% OF THE STANDARD MAXIMUM DRY DENSITY OF THE MATERIAL WITH A MOISTURE CONTENT OF NOT MORE THAN 1% ABOVE THE OPTIMUM MOISTURE CONTENT AS DETERMINED IN ACCORDANCE WITH AS1289.

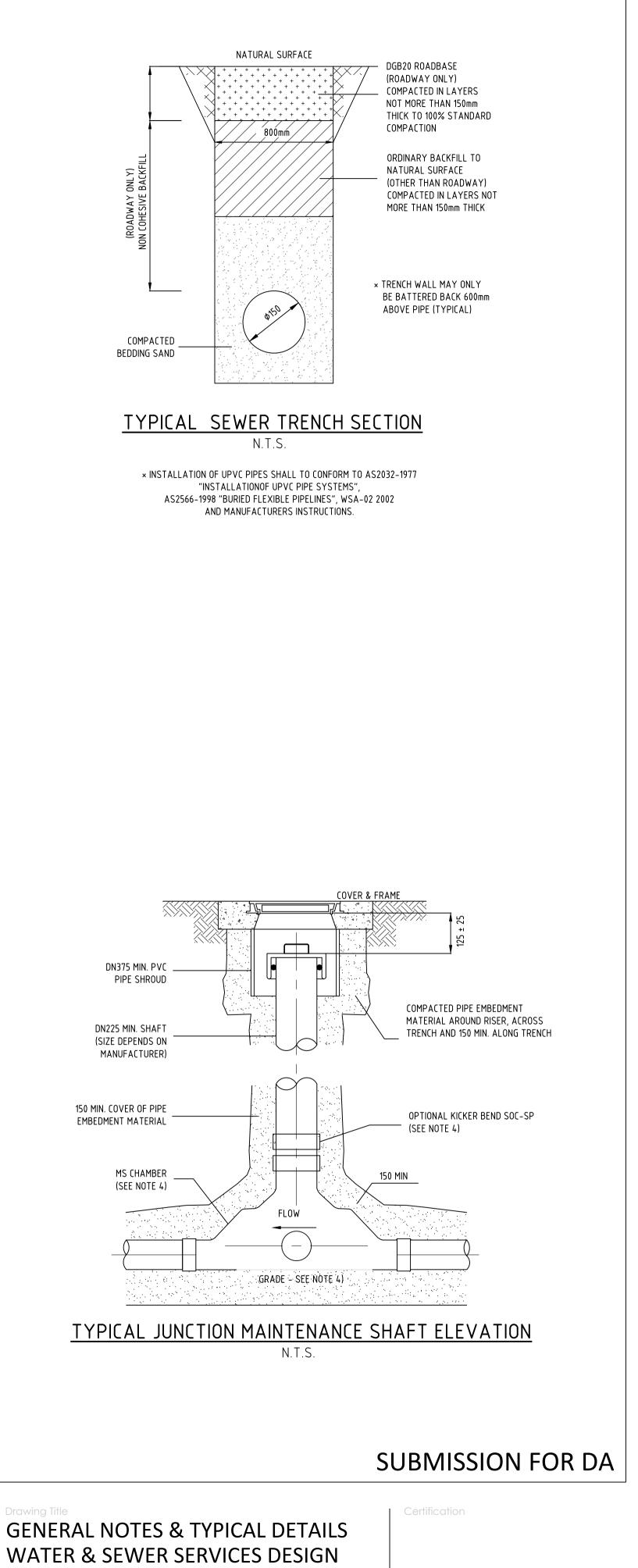
> **EXTENSION TO GOWRIE** CHILDCARE CENTRE

**39 SALEYARDS LANE** MUDGEE NSW 2850



Check

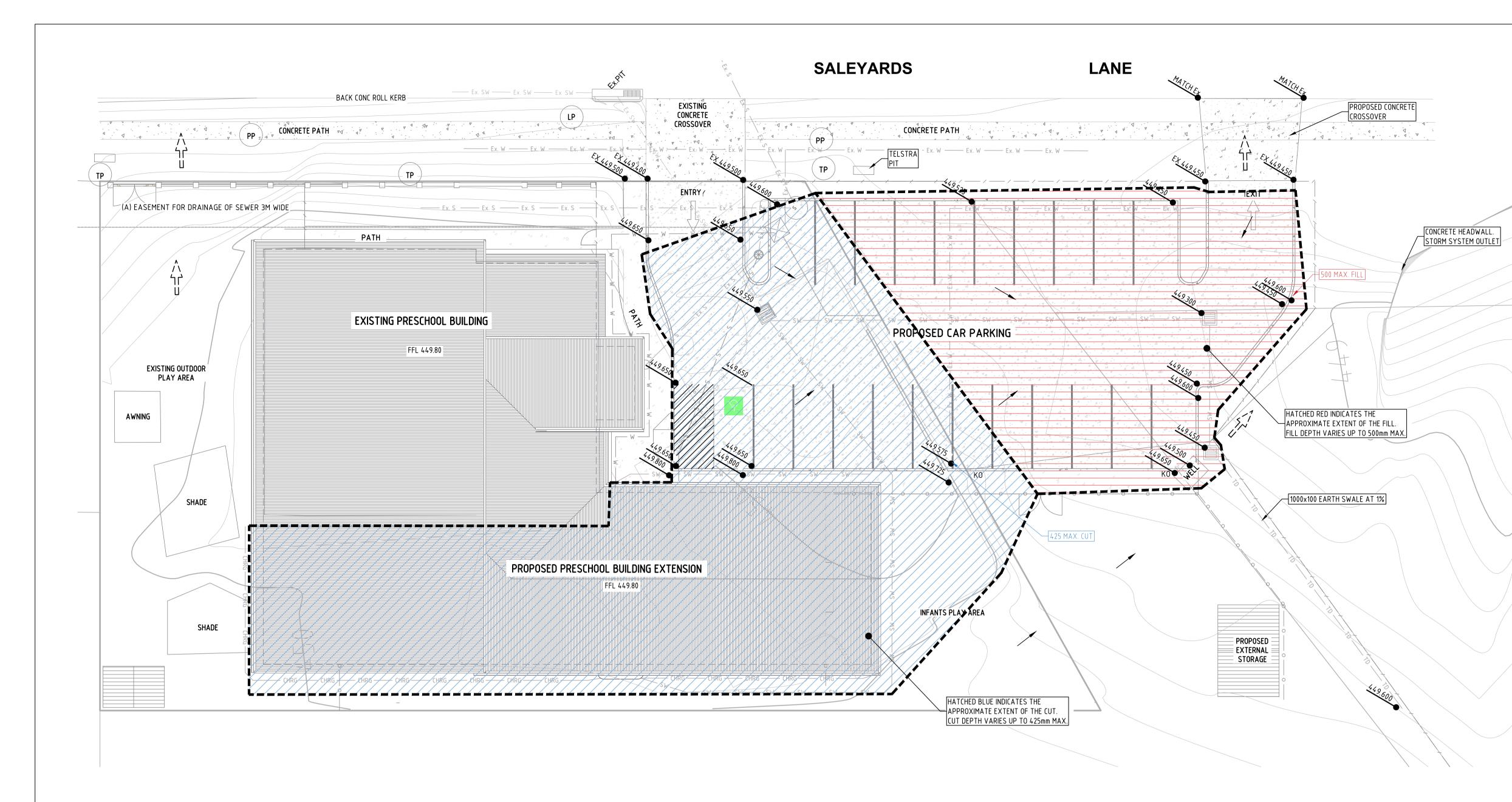
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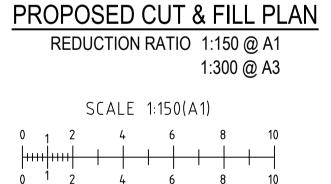




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4 6 SCALE 1:300(A3)

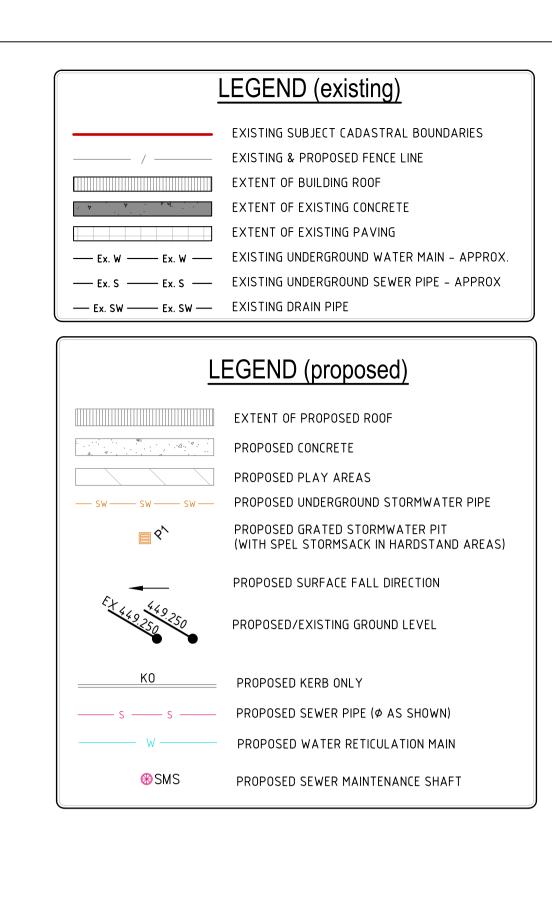
> EXTENSION TO GOWRIE CHILDCARE CENTRE

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Design **ST** 

Rev Date Description A 28-08-2024 ISSUED FOR DA

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# SUBMISSION FOR DA

## PROPOSED CUT & FILL PLAN

JS Check DOS

Revision

A1

41821 C30

A Drawing No