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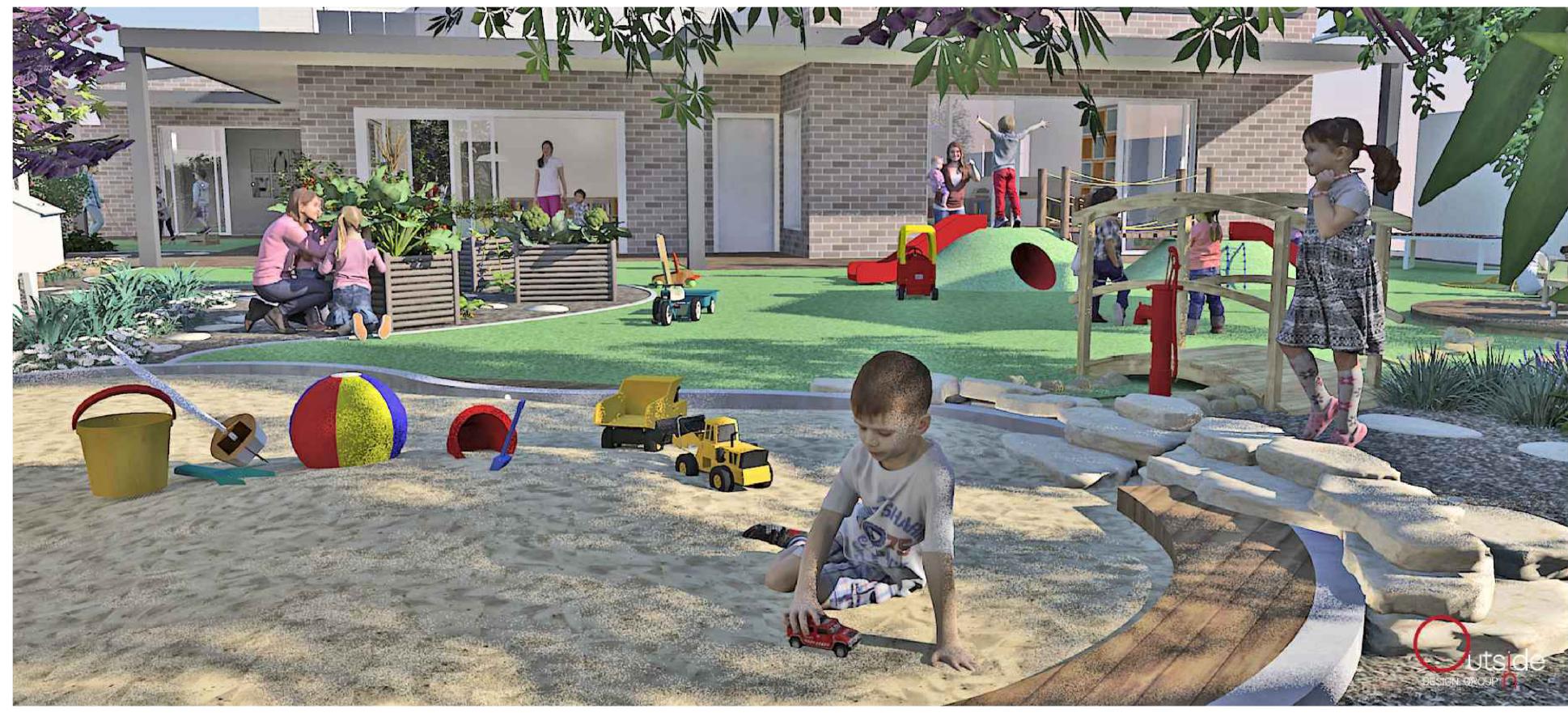
For illustrative purposes only. Equipment, materials + finishes may vary to final constructed landscape











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Do not scale from drawings.

Verify all measurements on site All work to comply with relevant Standards and National Constru (NCC) (formerly BCA).

All works to be carried out by quantitative tradespersons.

All Landscaped area to have a fall for possible overland water

Verify all measurements on site. All work to comply with relevant Australian Standards and National Construction Code (NCC) (formerly BCA). All works to be carried out by qualified All Landscaped area to have a minimum 1:100 fall for possible overland water drainage. 1.2m H POOL FENCE GAS
TELECOMMUNICATINS
TO WATER

SUBMITTED TO CLIENT FOR COMMENT RS FB 14-02-20
RS FB 14-04-21
RS FB 14-05-21
RS FB 17-12-21 AMEND PLAN + 3D'S TO NEW ARCHITECTURALS, PREPARE FRONT FENCE ELEVATION UPDATE ARCHITECTURAL + STORMWATER PLANS FOR CC UPDATE SLIDE + UMBRELLA'S FOR CC. ISSUE DESIGN CERTIFICATE FIRST FLOOR PLAN FOR SECTION 4.55. AMEND 0-2 YEAR PLAY AREA



DRAWING NO. L - 02 SCALE 1:100@A1

PROJECT
PROPOSED CHILDCARE CENTRE
19 TODD ROW, ST CLAIR

E 3D LANDSCAPE CONCEPT ARTISTIC RENDERS



SPECIFICATION

GENERAL NOTES

Relevant Australian Standards listed below.

Australian Standard AS 4685.0:2017 Playground equipment and surfacing:

Part 0: Development, installation, inspection, maintenance and operation

Australian Standard AS 4685:2014 Playground equipment and surfacing: Part 1: General safety requirements and test methods

Part 2: Particular safety requirements and test methods for swings

Part 3: Particular safety requirements and test methods for slides

Part 4: Particular safety requirements and test methods for cableways

Part 5: Particular safety requirements and test methods for carousels Part 6: Particular safety requirements and test methods for rocking equipment

Part 11: Particular safety requirements and test methods for spatial networks

Australian Standard AS 4422:2016 Playground surfacing Specifications, requirements and

Australian Standard AS 1428:2009 Design for Access and Mobility

Everyone Can Play: A Guideline To Create Inclusive Playspaces (Department of Planning and Environment, 2019)

For information regarding the Australian Standards for playgrounds, refer to the Kidsafe NSW information sheets available to download from the website:

http://www.kidsafensw.org/information-sheets/playground-safety/

All play equipment in accordance with AS4685 All finished surfaces + edges are to be smooth with all corners, edges + projections finished with a radius less than 3mm. Fixing of components shall comply with the requirements of AS 4685 + to manufacturers detail. Accessible bolt threads are to be covered or protected. All surfacing in impact areas to be certified + compliant with AS4685, AS4422, AS4685 Any timber preservative-treatment used is free from Copper Chromium Arsenate (CCA) and/or

creosote and is non-toxic. Require submission of certificates of compliance from

LANDSCAPE SPECIFICATION NOTES

Manufacturers/suppliers

- **GENERAL**
- All finished levels are to be verified by Contractor on site.
- All landscape works be in strict accordance with Council's landscape code and guidelines This plan to be used in conjunction with all other submitted architectural. hydraulics and engineering drawing where applicable.

written consent of that company.

PLANTING MIX

Planting mix for tree pit backfill shall be "Organic Garden Mix" consisting of

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----- SITE BOUNDARY 1.2m H POOL FENCE

ACOUSTIC BARRIER ill Landscaped area to have a minimum 1:100

50% Black Soil;

20% Coarse Sand;

30% Organic Material;

as available from Australian Native Landscapes, Phone: [02] 9450 1444, or approved equivalent. Samples shall be provided to the Superintendent prior to ordering or delivery to site. Any material delivered to site, that is rejected by the Superintendent. shall be removed by the contractor at his own expense. Minimum depths of mix to all planting bed areas is as specified on details.

Mulch to garden bed ares

Mulch shall mean hardwood mulch (25mm grade), free from material derived from Privet, Willow, Poplar, Coral trees, or other noxious weeds. Any mulch exceeding the 25mm grade shall be rejected/ removed from the site. Graded hardwood mulch to be supplied by Australian Native Landscapes Ply Ltd Phone (02) 9450 1444, or approved equivalent.

- Spread mulch so that after settling, it is: smooth and evenly graded between design surface levels;
- flush with adjacent finished levels;
- of the required depths (75mm): and

EXISTING LEVELS

• sloped towards the base of plant stems in plantation beds, but not in contact with the stem (not closer than 50mm in the case of gravel mulches).

Place after the preparation of the planting bed, planting and all other work.

PLANT MATERIAL

All plant material must be true to the species. No substitutes will be allowed. All plants shall be free of fungus and insect damage. All plants shall be healthy, well shaped, not soft or force grown and not root bound.

NATURAL TURFED AREAS

All new turfed areas are to be selected weed free Soft Leaf Buffalo. Turf shall be laid neatly butted with staggered joins, flush with adjacent surfaces and have even running falls to all

All new turfed area shall have a minimum 150mm depth of weed free top soil, placed and leveled prior to turfing.

SYNTHETIC TURFED AREAS

Synthetic turf type 'All Seasons Cool Play 23mm' with 'HydroChill' fill layer. https://allseasonssyntheticturf.com.au/wa-coolest-turf/ Tel 1300 931 443 Email info@asst.net.au.

Installation to manufacturers detail and in conjunction with Australian Standard 4422:2016 Playground surfacing Specifications, requirements and test method

TO ENGINEERS DETAIL

EXCAVATING FOR SPOT PLANTING To planting areas, excavate a hole for each plant large enough to provide not less than twice the depth and twice the diameter than the root ball of species to be planted.

STAKING

Use durable hardwood, straight, free from knots or twists, pointed at one end. Drive stakes into the ground a minimum one third of their length, avoiding damage to the root system. Refer tree planting detail 1.

SOFTFALL

Supply and installation of softfall surface including base. The Contractor shall be responsible for the coordination and confirmation of required buffering layer and base course depths to

suit the fall height requirements of the specified equipment.

SHOP DRAWINGS

The Contractor will provide a shop drawing of the EPDM profile including any variations in depth for specific equipment or at different edge conditions.

MATERIALS

Buffing Layer: EPDM buffing layer top coat EPDM granules or approved equivalent. Colours shall be as indicated on plan

Samples are to be provided to Superintendent for approval prior to order of materials. Base course: rubber crumb base course (cushion) over compacted FCR base course Note: depth to be confirmed by Contractor prior to tender for required fall heights

INSTALLATION

Install buffing layer onto rubber crumb base course as per details and manufacturer specification. Install buffing layer in one continuous colour pour to the satisfaction of Superintendent. Provide roller edges to concrete haunch as per details to finish flush with adjoining surfaces. Ensure EPDM surface is plumb, smooth and even.

The Contractor shall commission an approved independent auditor to test and certify that softfall has been installed in accordance with Australian Standards and to required depths for height of play elements, and that play space including all elements and fall zones meet applicable standards and provide these reports to Superintendent.

MAINTENANCE NOTES - SAND PIT Sandpits rely largely on sunlight and aeration to maintain a level of hygiene. Regular turning over of the sand, cleaning and replacement will be required

AMEND PLAN + 3D'S TO NEW ARCHITECTURALS, PREPARE FRONT FENCE ELEVATION

UPDATE SLIDE + UMBRELLA'S FOR CC. ISSUE DESIGN CERTIFICA

FIRST FLOOR PLAN FOR SECTION 4.55. AMEND 0-2 YEAR PLAY ARE

Cover the sandpit with a shade cloth when it is not in use.

Keep the sandpit dry

Ensure good drainage is provided within the sandpit.

Rake the sand daily to aerate the sand. Also, pick up any rubbish in the sandpit. Use only pure double washed river purposely supplied for sand pit. Once the sandpit has been built, ensure that it is always clean and dry as well as have regular sandpit maintenance.

MAINTENANCE/ PLANT ESTABLISHMENT

Maintenance shall apply to all hard and soft landscape materials installed prior to the handover and acceptance by Principles Representative and the Site Superintendent. The maintenance period shall commence at the granting of practical completion and should extend for 26 weeks.

Maintenance shall consist of the following works:

- Follow a daily watering program to be approved by Superintendent. Water all plants individually, twice per week or when necessary to ensure constant plant growth.
- Water all turf and native grassed areas, twice per week.
- Apply appropriate weed control sprays and hand weed as required to maintain planting areas, native grassing bed areas, turfed areas, paved areas, and tree pits in turf free of weed or rogue grass growth.
- Regularly tidy and top up mulch and trim edges to prevent spill over onto paved/ grassed
- Spray to control pests and diseases.
- Replace plants, which fail with plants of a similar size and quality as originally specified to approval of Superintendent. Costs of replacement shall be the responsibility of the Contractor. Replacement planting will be undertaken within 2 weeks of identification of dead material or instruction be the Superintendent.
- Report any incidence of plants stolen or destroyed by vandalism. Adjust stakes and ties to plants as necessary. Ensure that strangulation of plants does
- Prune and shape plants as directed or where necessary.
- Make good any defects or faults arising out of defective workmanship or materials.
- Fertilise lawn areas to maintain healthy growth. Make good any erosion or soil subsidence, which may occur including soft areas in pathways.
- Mow lawn to maintain neat healthy growth.
- A final inspection shall be made by the Superintendent before handover. Any items requiring rectification shall be repaired before the works are finally approved, and retention moneys released.

DRAWN CHECK DATE

FB 14-04-21

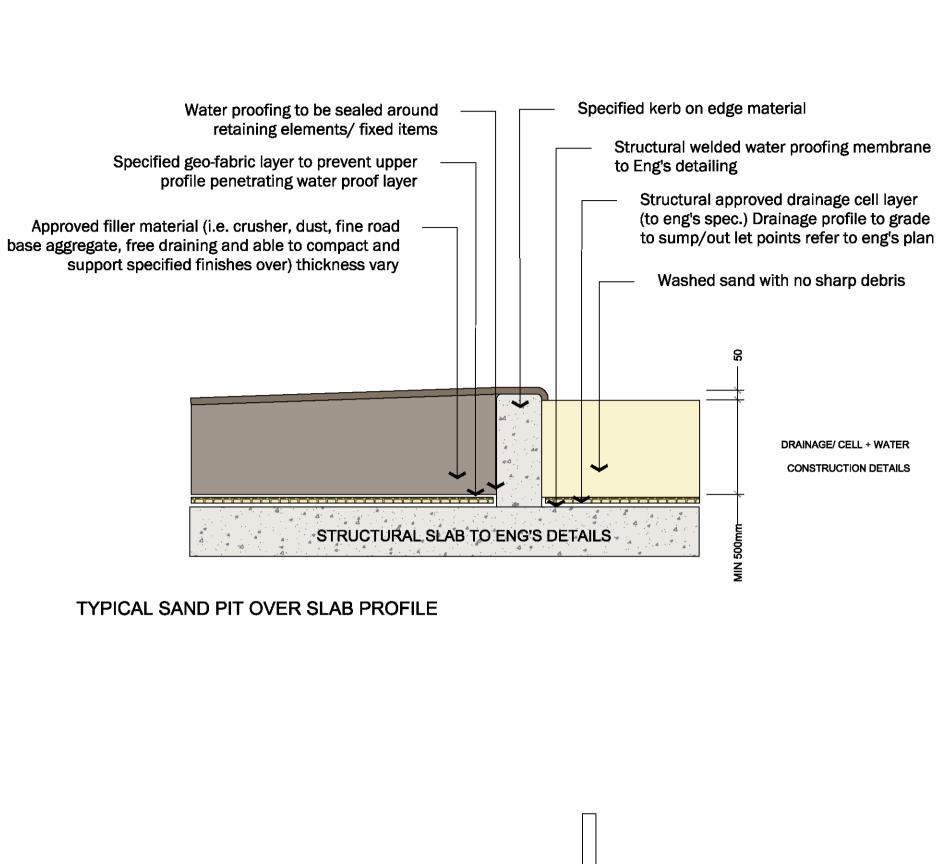
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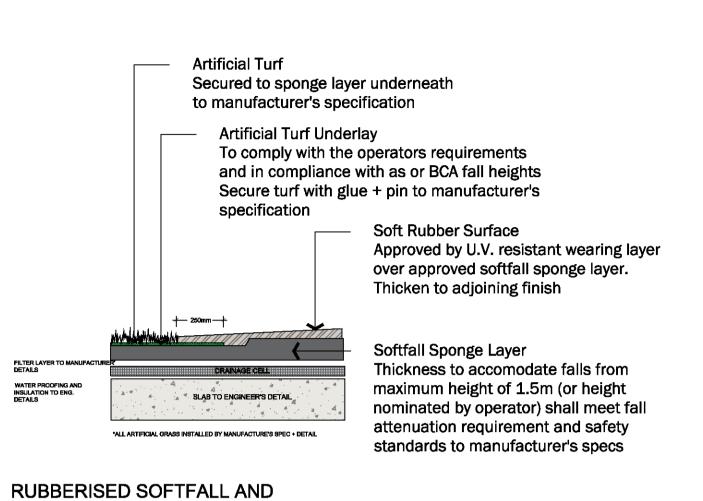
PROPOSED CHILDCARE CENTRE 19 TODD ROW, ST CLAIR

> FRONT FENCE **ELEVATION +** SPECIFICATION

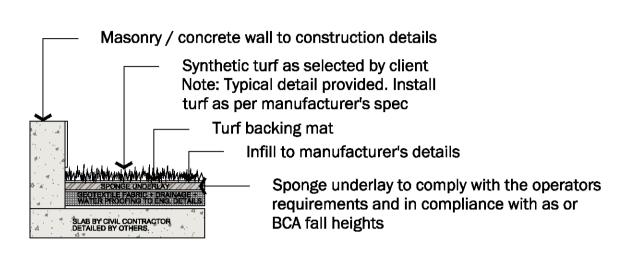
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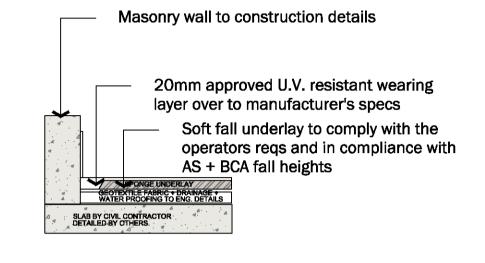






SYNTHETIC TURF JOINT DETAIL

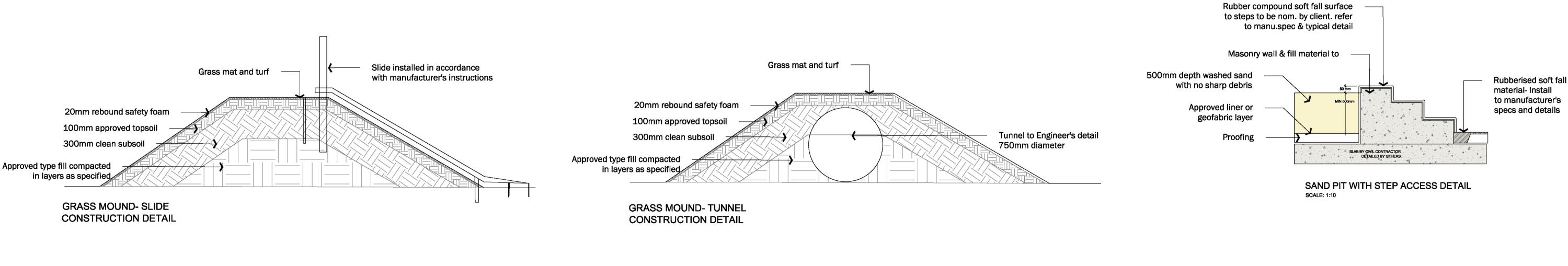


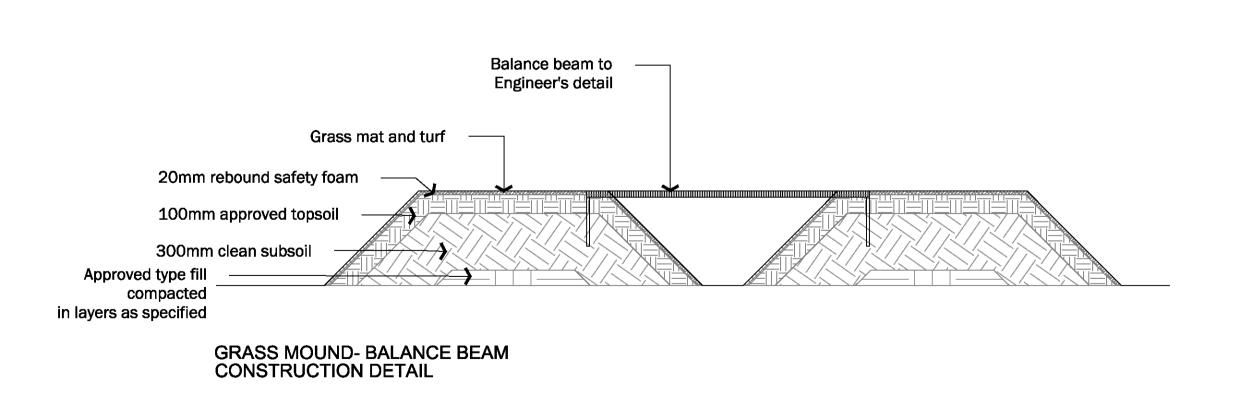


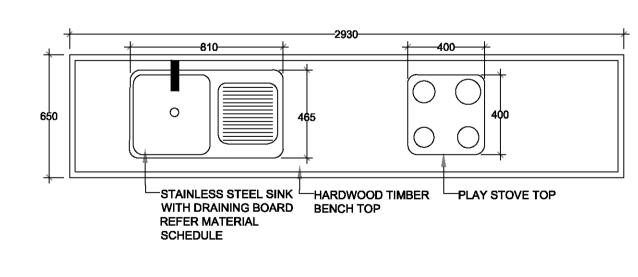
TYPICAL RUBBERISED SOFTFALL

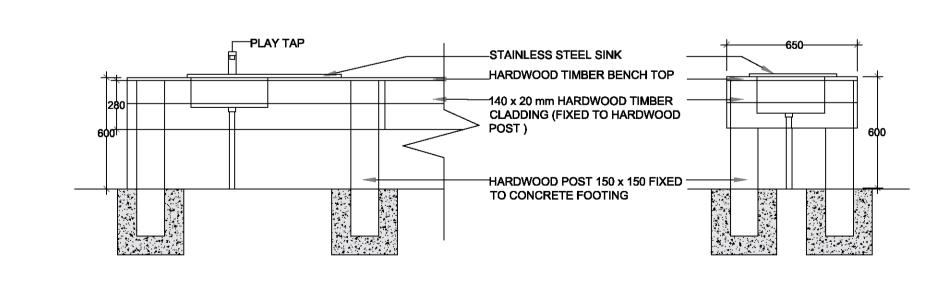
ON CONCRETE SLAB

TYPICAL SYNTHETIC TURF ON CONCRETE SLAB

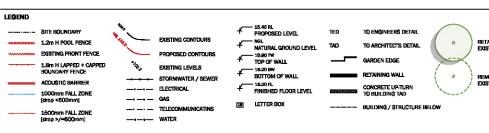








MUD KITCHEN DETAIL SCALE 1:20



NATURAL TURF	TIMBER DECKING	SOFT-FALL RUBBER SURFACES	PAVING	STA DEC
SOFT-FALL SYNTHETIC TURF	PEBBLES / GRAVEL [LOOSE]	SANDSTONE CLADDING	PAVING	SAN
EXISTING GARDEN TO BE RETAINED	PEBBLES IN CONCRETE SURFACE	EXPOSED AGGREGATE CONCRETE	PAVING	WAT
STEPPERS IN GARDEN [MULCH]	CRAZY FAVING	TILES	TILES	TILE

ISSUE	AMENDMENT	DRAWN	CHECK	DATE
A	SUBMITTED TO CLIENT FOR COMMENT	RS	FB	18-12-19
В	AMEND PLAN + 3D'S TO NEW ARCHITECTURALS, PREPARE FRONT FENCE ELEVATION	RS	FB	14-02-20
С	UPDATE ARCHITECTURAL + STORMWATER PLANS FOR CC	RS	FB	14-04-21
D	UPDATE SLIDE + UMBRELLA'S FOR CC. ISSUE DESIGN CERTIFICATE	RS	FB	14-05-21
Е	FIRST FLOOR PLAN FOR SECTION 4.55. AMEND 0-2 YEAR PLAY AREA	RS	FB	17-12-21



L - 04 1:100@A1

ALL PLAY EQUIPMENT, SURFACING + MINIMUM

PLAYGROUND EQUIPMENT AND SURFACING

DIMENSION OF IMPACT AREA TO BE IN

COMPLIANCE WITH AS 4685 SET:2014

> PROPOSED CHILDCARE CENTRE 19 TODD ROW, ST CLAIR



DATE 17-12-21

