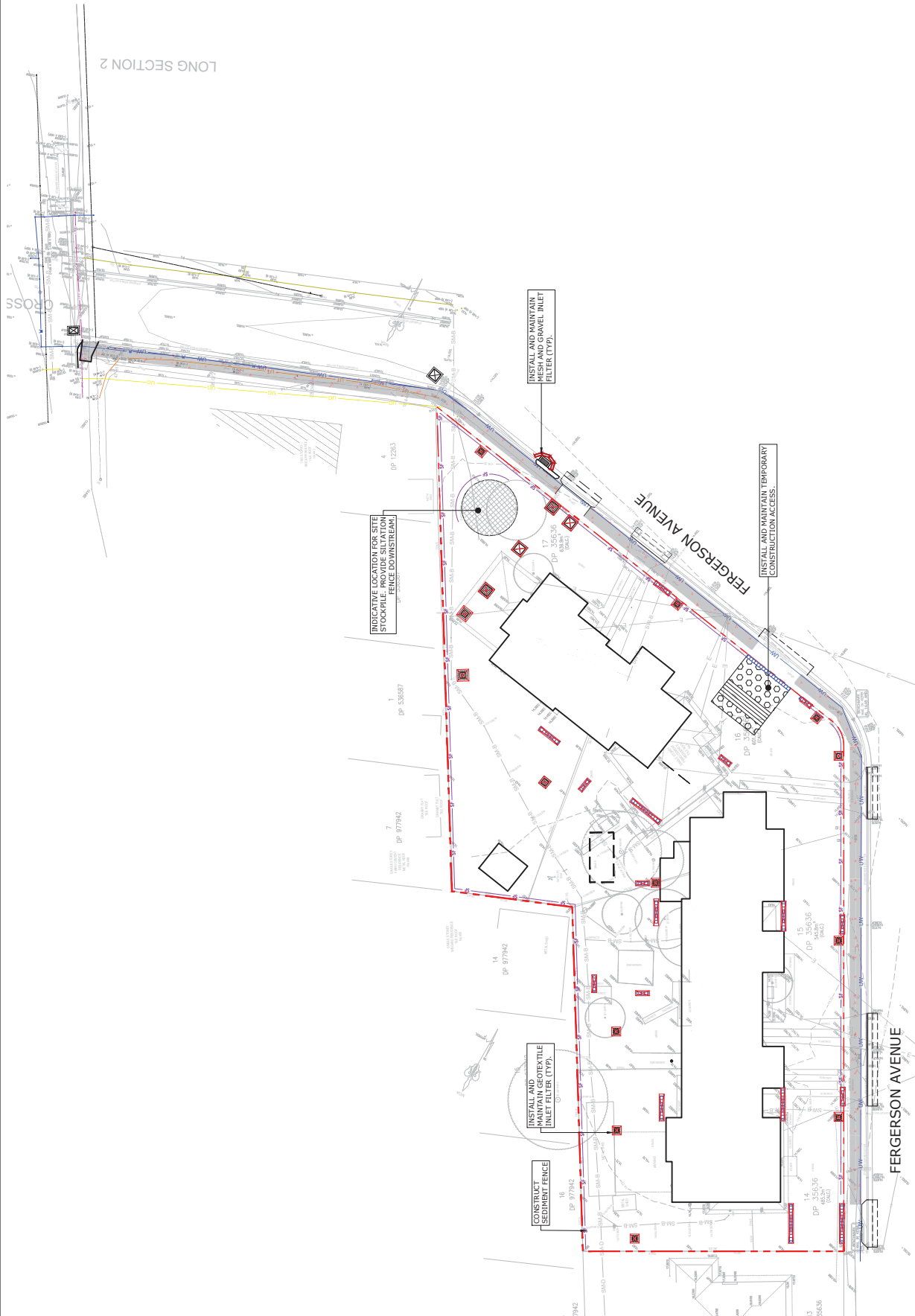




LEGEND

- SITE BOUNDARY
- SEDIMENT FENCE
- GEOTEXTILE SEDIMENT TRAPS AT PROPOSED STORMWATER PIT
- MESH AND GRAVEL INLET FILTER
- TEMPORARY CONSTRUCTION ACCESS
- INDICATIVE STOCKPILE AREA

THIS DRAWING IS TO BE VIEWED IN COLOUR AS SOME FEATURES / SYMBOLS ARE DIFFERENTIATED BY COLOUR. DRAWING NOT TO BE RELIED ON IF PRINTED IN GREYSKALE.

NOT FOR CONSTRUCTION



NSW LAND & HOUSING CORPORATION

LOT 14, 15, 16 & 17 IN DP 35636
1-7 FERGUSON AVENUE, FAIRFIELD NSW 2165
SENIOR HOUSING DEVELOPMENT
EROSION & SEDIMENT CONTROL PLAN

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PROJECT NUMBER 210348

DRAWING NUMBER 101

REVISION D

SHEET SIZE				A1			
1:200 (A1); 1:400 (A3)				COORDS: MGA94 ZONE 56			
100mm ON ORIGINAL DRAWING - DO NOT SCALE DRAWING				DATUM: ALL LEVELS TO A.H.D.			
				SCALE: 1:200			
				SURVEYED: TTS			
				SURVEY DATE: 09.06.2020			
				APPROVED / PROJECT LEADER			
				MARK BAKER			
				DATE DES. DRN.			
				REV AMENDMENT / REASON FOR ISSUE			

1. CONSTRUCT ALL SEDIMENT CONTROL FENCES ALONG THE CONTOUR WHERE POSSIBLE.
2. WHERE SEDIMENT CONTROL FENCES ARE NOT CONSTRUCTED ALONG THE CONTOUR, SEDIMENT RETURN FIELDS AT REGULAR INTERVALS NOT EXCEEDING 20m.
3. ALL STAR PICKETS SHALL INCORPORATE APPROVED SAFETY CAPS.
4. DIG A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE FENCE TO BE BUILT INTO.
5. FABRIC MUST BE SELF-SUPPORTING TO UPSLOPE SIDE OF JOINTS WITH FABRIC TIES OR AS RECOMMENDED BY GEOTECHNICAL MANUFACTURER.
6. SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP.
7. THE FABRIC TO BE USED FOR THE SEDIMENT CONTROL ROCK MAT SHALL BE TO MATCH THE GEOTECHNICAL REQUIREMENTS.

- 1.1. ALL WORK SHALL BE GENERALLY CARRIED OUT IN ACCORDANCE WITH LOCAL AUTHORITY REQUIREMENTS;
- 1.2. THE CONTRACTOR SHALL MAINTAIN ACCESS FOR URBAN STORMWATER, AND LANDSCAPE CONSTRUCTION, AND URBAN STORMWATER, SOILS AND CONSTRUCTION (THE "BLUE BOOK")
2. EROSION AND SEDIMENT CONTROL DRAWINGS AND DETAILS MAY BE REQUIRED FOR THE DESIGN TO BE MODIFIED AND VARIATION TO THESE DETAILS MAY REQUIRE APPROVAL BY RELEVANT AUTHORITIES.
3. ALL VEHICLES SHALL ONLY ENTER AND EXIT THE SITE VIA THE NOMINATED SATISFACTION OF THE SUPERINTENDENT AND THE LOCAL AUTHORITY.
4. ALL EXISTING VEHICLES SHALL BE CLEANED AND INSPECTED BEFORE EXITING.
5. AN ATTEMPT TO BE MADE TO MINIMISE THE AREA OF SITE BEING DISTURBED AT ANY ONE TIME.
6. FOLLOWING CONSTRUCTION OF STORMWATER PITS, PREVENT SITE RUNOFF ENTERING THE SITE UNLESS SALT FENCES ARE ERECTED AROUND PITS.
7. ALL STOCKPILES OF MATERIALS TO BE PROTECTED FROM SCOUR AND EROSION BY ERECTING SALT FENCES AND/OR SALT BARRIERS TO BE ADJACED NEAR DRAINAGE PITS, ROADWAYS AND RIVERS IN WATERCOURSES.
8. CONTRACTOR TO ENSURE ALL NOMINATED DEVICES TO BE REINSTALLED FOLLOWING COMPLETION OF THE PROJECT.
9. CONTRACTOR TO BE MODIFIED AS REQUIRED TO SUIT THE BEST SITE CONDITIONS AT THE TIME.
10. WATER FROM URBAN OF THE SITE TO BE CONTROLLED SUCH THAT IT DOES NOT ENTER ANY OF THE URBAN STORMWATER PITS AND PITS CLEAR OF DEBRIS AND SEDIMENT.
11. MAINTAIN ALL STORMWATER PITS AND DEVICES TO BE INSPECTED AND CLEANED OUT AS REQUIRED AFTER EACH CONSTRUCTION VISIT.
12. STORMWATER SYSTEM AND ALL DEVICES TO BE INSPECTED AND CLEANED OUT AS REQUIRED AFTER EACH CONSTRUCTION VISIT.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING BY SUITABLY QUALIFIED ENVIRONMENTAL CONSULTANT PRIOR TO ANY DISCHARGE OF SITE STORMWATER, GROUNDWATER AND SEWAGE WATER.
- 13.1. MONITORING MEASURES THAT WILL BE MONITORING THE QUALITY OF WATER DISCHARGED FROM THE SITE, FREQUENCY, VALIDATION, AND ALL MONITORING MEASURES WILL BE OBTAINING BY SUITABLY QUALIFIED ENVIRONMENTAL CONSULTANT.
- 13.2. ALL REMEDIAL MEASURES AS NOMINATED BY ENVIRONMENTAL CONSULTANT TO BE APPLIED BY CONTRACTOR.
- 13.3. ALL REMEDIAL MEASURES TO BE IN COMPLIANCE WITH ALL RELEVANT AUSTRALIAN AND STATE STANDARDS AND REGULATIONS.

Diagram illustrating the use of a geotextile and a safety cap for a rock pile. The diagram shows a cross-section of a rock pile with a geotextile layer underneath. A 1.5m star picket is shown driving through the geotextile and into the ground. An approved safety cap is placed over the picket. The flow of water is indicated by an arrow pointing right.

Labels in the diagram:

- APPROVED SAFETY CAP
- 1.5m STAR PICKET
- FLOW
- GEOTEXTILE

WHERE APPROVED DUMP ROCK MAY BE USED IN LIEU OF DUMP ROCK, THE GEOTEXTILE MUST BE CONTINUOUSLY FOR FULL LENGTH OF GEOTEXTILE

The diagram illustrates a cross-section of a geotextile filter fabric. It features a central core of parallel horizontal lines, surrounded by a layer of small dots. This is further enclosed by a layer of larger dots, and finally, a layer of star-shaped rickets. A label 'STAR RICKETS' points to one of these star shapes. Another label 'GEOTEXTILE FILTER FABRIC' points to the entire assembly. A 'PERFORATED INLET PIPE' is shown at the bottom, with a circular inset showing a cross-section of the pipe with a diameter of 150 mm.

The diagram illustrates a cross-section of a stabilized stockpile surface. On the left, a tree is shown. A line labeled 'STABILISE STOCKPILE SURFACE' points to the top of the stockpile. A 'SEDIMENT FENCE' is located on the right side of the stockpile. The 'EARTH BANK' is on the far left. The 'FLOW' direction is indicated by an arrow pointing right. The '2:1 SLOPE (max.)' is labeled on the right side of the stockpile, and the '2:1 SLOPE (min.)' is labeled on the left side. The stockpile is labeled 'STOCKPILE' with 'NTS' (Not To Scale) below it.

PROVIDE WASH WATER FOR TRUCKS EXITING SITE

CONSTRUCTION SITE

RUNOFF FROM PAVED ROAD TO SEDIMENT TRAP

GEOTEXTILE FABRIC

50-75mm GRAVEL

300g mm

BERM 300mm HIGH MAIN

EXISTING ROADWAY

TEMPORARY CONSTRUCTION ACCESS

Diagram illustrating the components of a Vehicle Shaker Grid system:

- GEOTEXTILE FABRIC
- ARILLA RUMBLE / SHAKER ANGLE IRON GRID AS-SHOWN OR SIMILAR APPROVED.
- COMPACTED SUBGRADE

SAND BAG OVERLAP INTO CURB

2000

900

THREE LAYERS OF SANDBAGS WITH ENDS OVERLAPPED

GAP BETWEEN BAGS ACT AS SPILLWAY

FLOW

NTS

TYPICAL SANDBAG ARRANGEMENT AT PIT

1 : 150m (A1) - 1 : 300m (A3)

COORDS: MGA84 ZONE 56						
DATUM: ALL LEVELS TO A.H.D.						
SCALE: AS SHOWN						
SURVEYED BY TS	BO	10.03.24				
DATE: 09.06.2020	TR	01.11.23				
APPROVED / PROJECT LEADER	BR	18.12.21				
MARK BAKER	DWN	DATE	DES	DWN		
REVIEW	REVIEW	REASON FOR ISSUE	REVIEW	REVIEW		

PUBLIC UTILITIES:
THE SERVICES SHOWN ON PLANS ARE INDICATIVE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO ACCURATELY LOCATE THE SERVICES WITHIN THE EXTENT OF WORK SHOWN ON THESE DRAWINGS PRIOR TO THEIR COMMENCEMENT OF WORK.

THIS DRAWING IS TO BE VIEWED IN COLOUR AS
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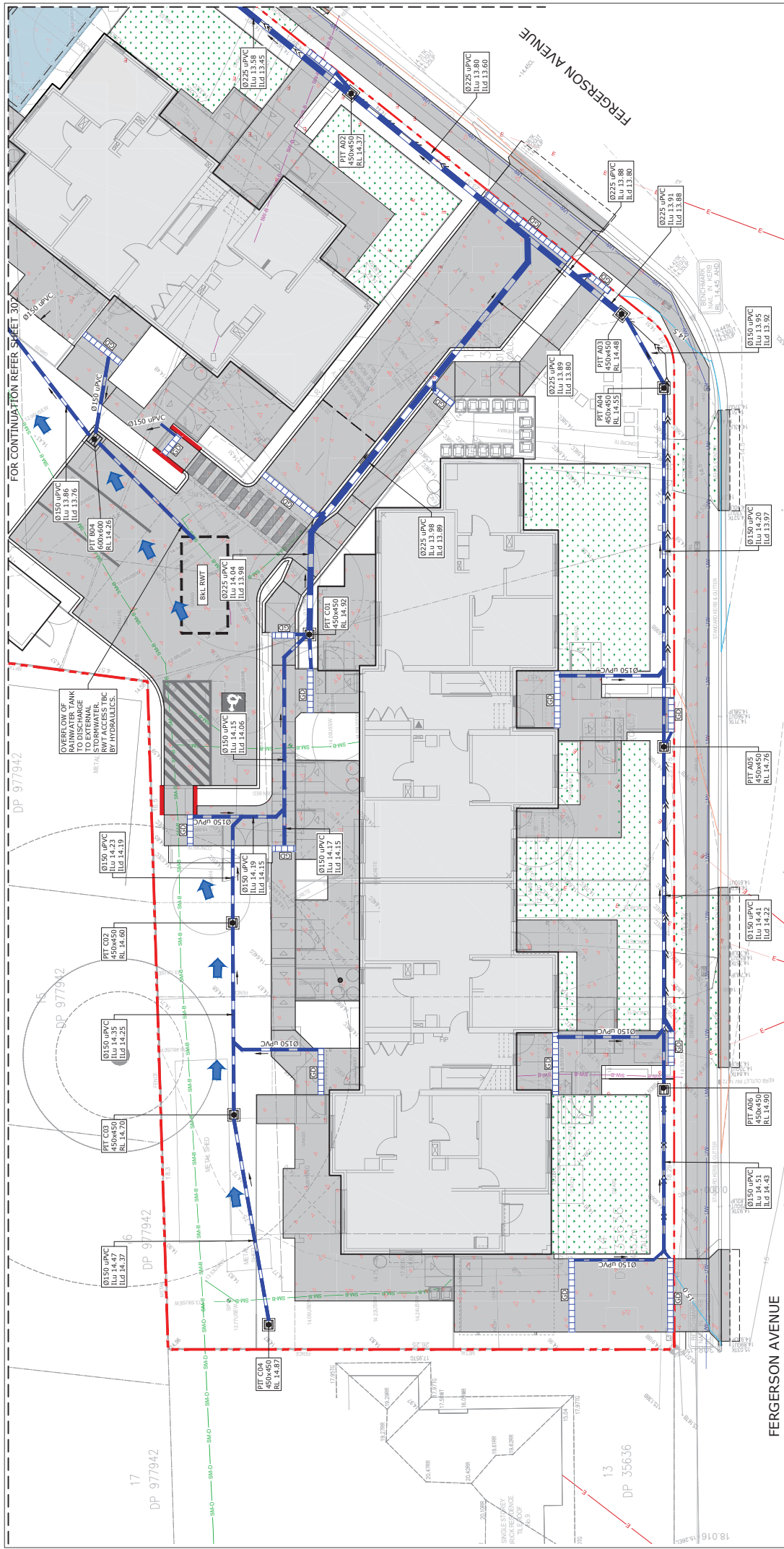
LOT 14,15,16 & 17 IN DP 35636
1-1-7 FERGUSON AVENUE, FAIRFIELD NSW 2165
SENIOR HOUSING DEVELOPMENT
EROSION & SEDIMENT CONTROL DETAILS

FILENAME:	PROJECT NUMBER	DRAWING NUMBER	REVISION
210348_111-ESD.DWG	210348	111	0

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20211210240 | AUC 1-7 BERGLISON AVE EASTFIELD DEM (AUST) QTY 1704 WORKING1 CAD001 DWG1210240 111-ESD DWG -111-ESD. (07-02-24 11:22:10AM)



LEGEND

- | | |
|---|---|
|  | PROPOSED CONCRETE AREA |
|  | PROPOSED TURF |
|  | ABOVE GROUND OSD AREA |
|  | UNDERGROUND RAIN WATER TANK |
|  | OVERLAND FLOW PATH |
|  | RAINWATER OUTLET |
|  | JUNCTION GRATE & KERBS INLET STORMWATER PIT |

NOTE:

1. PLAN TO BE READ IN CONJUNCTION WITH "STRUCTURAL, ENGINEER AND SERVICES" ENGINEER PLAN.
2. REFER ARCHITECT FOR DEMOLITION PLAN OF EXISTING STORMWATER PITS AND PIPES.
3. CONTRACTOR TO CONFIRM LOCATION OF ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS.
4. FINAL IRREV LEVELS TO SUBJECT TO DESIGN DEVELOPMENT AND COORDINATION.
5. REFER HYDRAULIC ENGINEER PLAN FOR DOWNSPILL LOCATIONS, FLOOR WASTE LOCATIONS, FLOOR DRAINAGE, ROOF DRAINAGE AND DOWNPipes, MAN DETAILS AND CALCULATIONS.
6. CONTRACTOR TO ENSURE GOOD WORKMANSHIP ON ALL CONNECTIONS.

SHEET SIZE

A1



PUBLIC UTILITIES:

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LOT 14,15,16 & 17 IN DP 35636
1-7 FERGERSON AVENUE, FAIRFIELD NSW 2165
SENIOR HOUSING DEVELOPMENT
STORMWATER MANAGEMENT PLAN 1 OF 2

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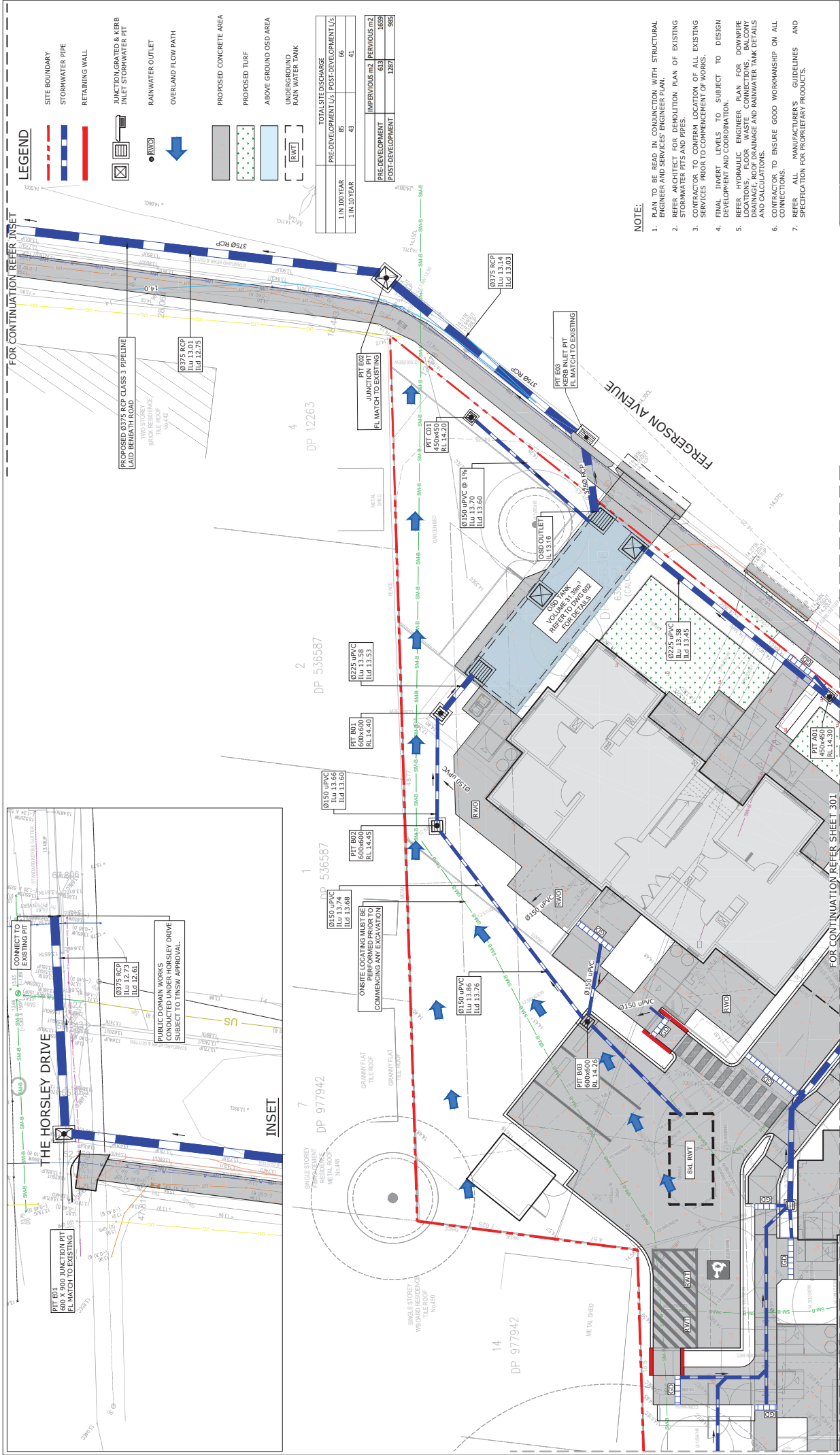
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210348 301

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(INTERNAL) TQM\IN COM A\INFORMATION\PROJECTS\2021\12\240 1AUC 1-7 PERDISJON AVE EASTFIELD - DEM (AUST) QTY 1 TDM WORKING1 CARNO1 DWG\210240 201-SWP DWG -201-SWP. (07.07.24 1:24:20PM)



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1-7 FERGERSON AVENUE, FAIRFIELD NSW 2165
SENIOR HOUSING DEVELOPMENT
STORMWATER MANAGEMENT PLAN 2 OF 2



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PROJECT NUMBER: 210348
DRAWING NUMBER: 302
REVISION: G

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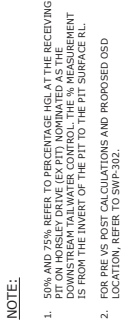
SHEET SIZE

A1

REV	DATE	DES.	DWN.	REASON FOR ISSUE
A	18.10.21	RR	IR	FOR REVIEW (RWD LOCATIONS)
B	19.08.23	TP	IR	FOR PART 5 APPROVAL
C	06.09.23	TP	IR	FOR PART 5 APPROVAL
D	25.10.23	TP	IR	FOR TNSW APPROVAL
E	25.10.23	TP	IR	FOR TNSW APPROVAL
F	07.03.24	BO	IR	RE-ISSUED FOR PART 5 AND TNSW APPROVAL
G	07.03.24	BO	IR	RE-ISSUED FOR PART 5 AND TNSW APPROVAL

COORDS: MGA94 ZONE 56
DATUM: ALL LEVELS TO A.H.D.
SCALE: 1:100
SURVEYED: TTS
SURVEY DATE: 09.06.2020
APPROVED / PROJECT LEADER: MARK BAKER

1:100 (A1); 1:200 (A3)
100mm ON ORIGINAL DRAWING - DO NOT SCALE DRAWING



NOT FOR CONSTRUCTION

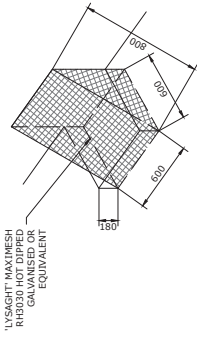


INTERNAL_TONKIN.COM\AUTONDATA\PROJECTS\2021\210348 | AHC 1-7 FERGLISON AVE FAIRFIELD - DEM (AUST) PTY LTD | 4 WORKING | CAD\01 DWG\210348 310-SWI.DWG - 310-SWI - (07-03-24 1:22:22PM)

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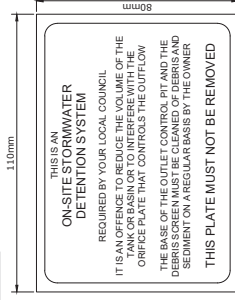


TRASH SCREEN DETAIL

- NOTES:
1. SIGN SHALL BE PLACED IN A CLEAR AND VISIBLE LOCATION AT THE OSD.
 2. COLOURS
TRIANGLE AND "WARNING" - RED
WATER - BLUE
FIGURE AND LETTERING - BLACK
 3. SIGN TO BE MADE FROM COLOUR BONDED ALUMINIUM OR POLYPROPYLENE.
 4. SIGN FIXED USING HILTI CHEMSETS OR EPOXY.



ON SITE STORMWATER
DETENTION WARNING SIGN
NTS



OSD SIGN

- NOTES:
1. CORNERS SQUARE
 2. COLOURS: ETCHED AND FILLED BLACK LEDGEND ON A NATURAL SILVER BACKGROUND
 3. CONSTRUCTED FROM ALUMINIUM 0.9 MILL.
 4. THIS SIGN SHALL BE PLACED IN A VISIBLE LOCATION NEAR A DISCHARGE CONTROL PIT OR AT THE ACCESS TO ONE
 5. SIGN FIXED USING HILTI CHEMSETS OR EPOXY



CONFINED SPACE SIGN
NTS

- NOTES:**
1. A CONFINED SPACE DANGER SIGN SHALL BE PLACED NEAR TO EACH AND EVERY ACCESS POINT SO THAT ANY PERSON ENTERING THE SPACE SHALL BE AWARE OF THE DANGER OF ENTERING ANY BELOW GROUND TANK OR PIT.
 2. COLOURS:
 - "DANGER" AND BACKGROUND - WHITE
 - ELLIPTICAL AREA - RED
 - TEXT - BLACK
 - LETTERING AND BORDER - BLACK
 3. MINIMUM DIMENSIONS OF THE SIGN
 - LARGE ENTRIES - 300mm x 450mm
 - SMALL ENTRIES - 250mm x 180mm
 - ALL SIGNS TO BE POLYPROPYLENE BONDED ALUMINIUM OR POLYPROPYLENE
 5. SIGN FIXED USING HILTI CHEMSETS OR EPOXY

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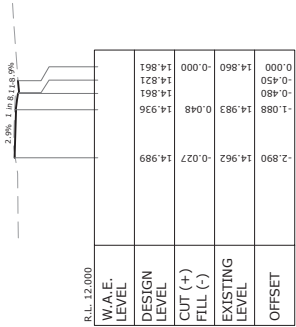
LOT 14,15,16 & 17 IN DP 35636
1-7 FERGERSON AVENUE, FAIRFIELD NSW 2165

SENIOR HOUSING DEVELOPMENT
1-7 PETERSON AVENUE, FAIRFIELD NSW 2165

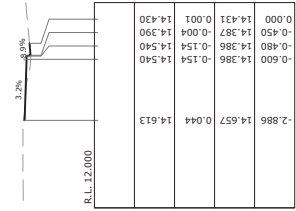
FILENAME:	PROJECT NUMBER	DRAWING NUMBER	REVISION
210348_601_DET.DWG	210348	602	D

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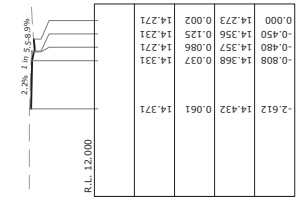
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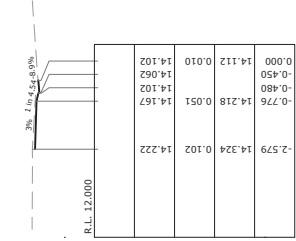
CH. 4.500



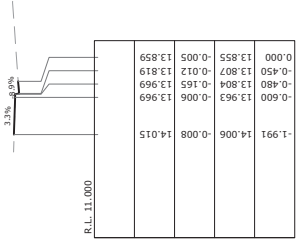
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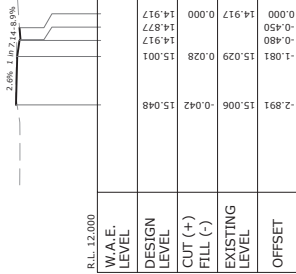
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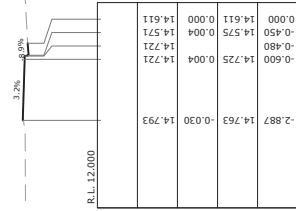
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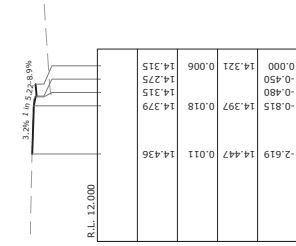
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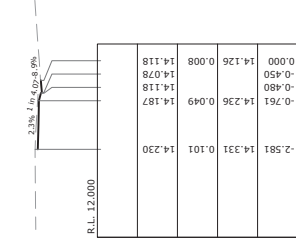
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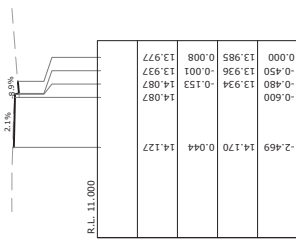
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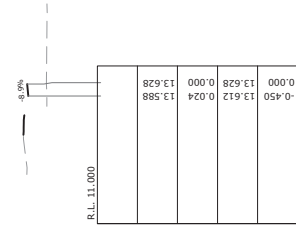
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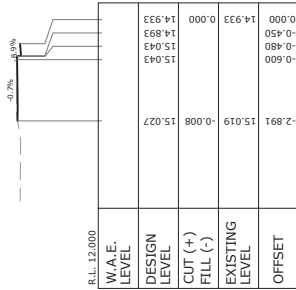
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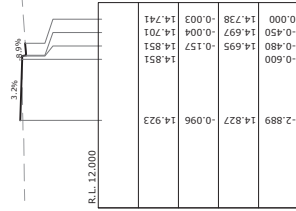
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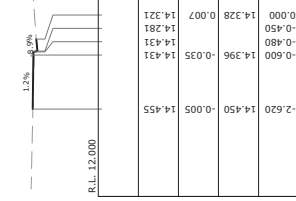
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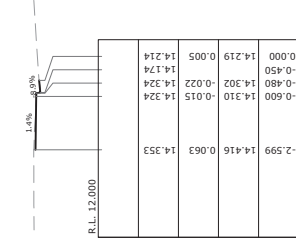
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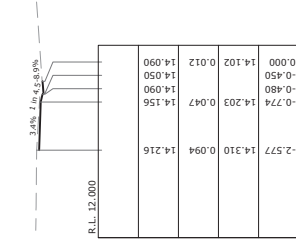
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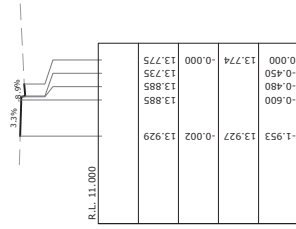
CH. 60.000



CH. 75.000



CH. 91.500



CH. 135.000



SHEET SIZE

A1

COORDS: MGA94 ZONE 56
DATUM: ALL LEVELS TO A.H.D.
SCALE: 1:100 VERT.
SURVEYED: TTS
SURVEY DATE: 09.06.2020
APPROVED / PROJECT LEADER:
MARK BAKER

DATE: 07.03.24
DESIGNER: IR

REVISION
AMENDMENT / REASON FOR ISSUE

REVISION
AMENDMENT / REASON FOR ISSUE

REVISION
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LOT 14.15.16 & 17 IN DP 35636
1-7 FERGUSON AVENUE FAIRFIELD NSW 2165
SENIOR HOUSING DEVELOPMENT
CROSS SECTIONS MC01 - SITE FRONTAGE WORKS
FILENAME: 210348_S451-CRS.DWG
PROJECT NUMBER: 210348
DRAWING NUMBER: S451
REVISION: A

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