

PIPEWORK

- STW STORMWATER
- SS SUBSOIL
- DP DOWNPIPE
- RD ROOF DRAINAGE
- EXISTING SERVICE
- EXISTING SERVICE TO BE DISCONNECTED AND REMOVED

PIPEWORK SYMBOLS

- R RISER
- D DROPPER
- COF CAPPED OFF
- HP HORIZONTAL PENETRATION
- DOF DIRECTION OF FLOW
- NC NEW CONNECTION
- C CONTINUATION
- MH MAN HOLE
- CO CLEAR OUT
- STWIP STORMWATER KERB INLET PIT
- STWIP STORMWATER INLET PIT
- GRD GRATED DRAIN
- SO SAFETY OVERFLOW
- SP SPREADER
- RWO RAINWATER OUTLET
- BRWO BALCONY RAINWATER OUTLET
- PRWO PLANTER RAINWATER OUTLET
- SRWO SPOON DRAIN RAINWATER OUTLET

ABBREVIATIONS

- FFL FINISH FLOOR LEVEL
- IL INVERT LEVEL
- RL REDUCED LEVEL
- UPVC UNPLASTICIZED POLYVINYL CHLORIDE
- NTS NOT TO SCALE
- UNO UNLESS NOTED OTHERWISE
- S0 SQUARE
- mm MILLIMETRES
- m METRES
- m2 SQUARE METRES
- m3 CUBIC METRES
- /sec PER SECOND
- MIN MINIMUM
- MAX MAXIMUM
- APPR APPROXIMATELY
- DIA DIAMETER
- EX EXISTING
- AHD AUSTRALIAN HEIGHT DATUM

STORMWATER GENERAL NOTES

ALL IN ACCORDANCE WITH COUNCIL'S STORMWATER REQUIREMENTS

PIPEWORK DESIGN

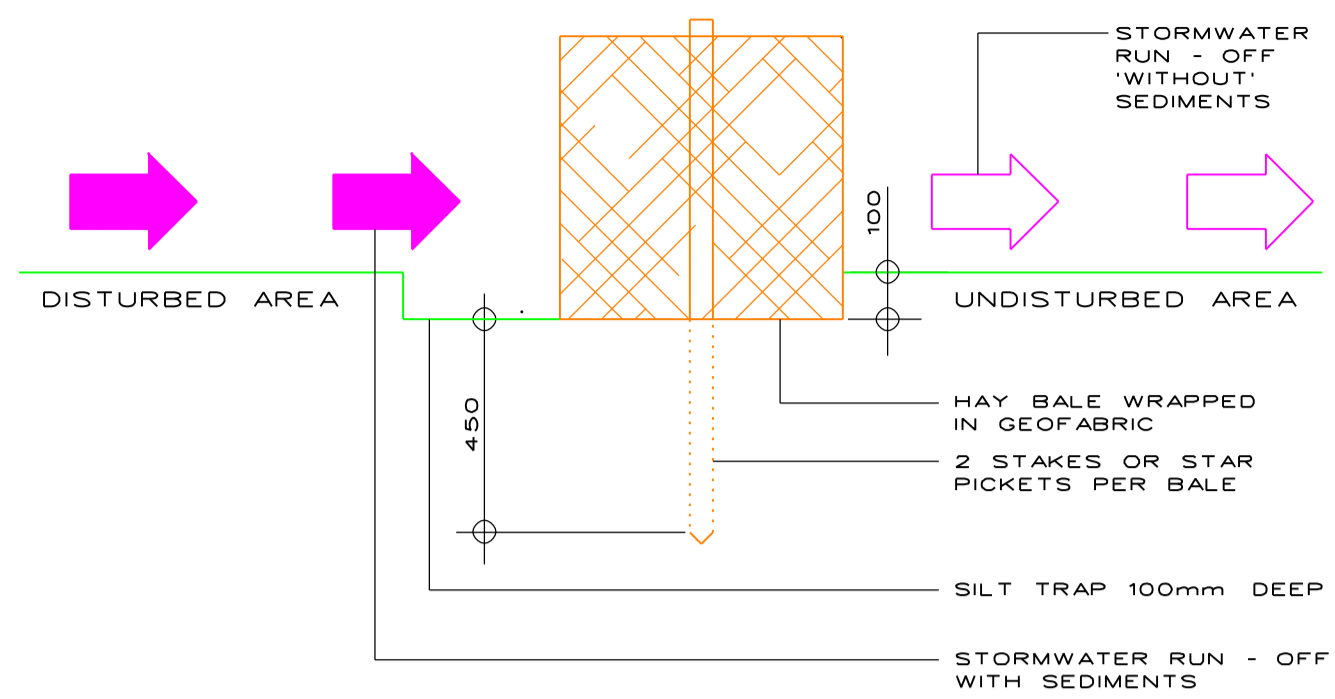
ALL PIPEWORK IS SIZED AND DESIGNED TO HANDLE A 1100 YEAR EVENT RAINFALL

PIPEWORK

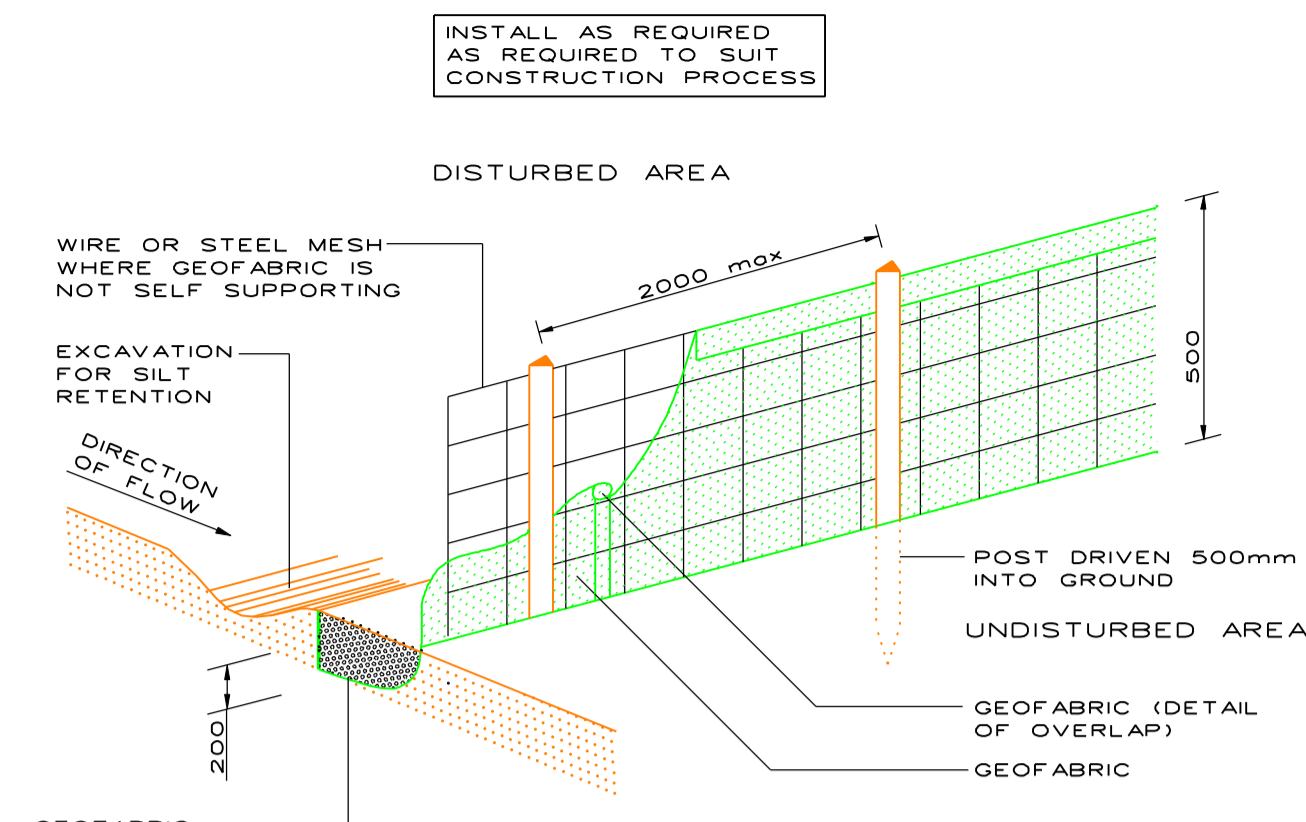
ALL PIPEWORK TO BE 100mm @ 1% FALL (UNO)

STORMWATER PIT SIZES

MINIMUM INTERNAL MEASUREMENTS:			
DEPTH TO BASE OF CHAMBER	RECTANGULAR WIDTH	RECTANGULAR LENGTH	CIRCULAR / LADDER / STEP IRON
SMALLER THAN 600	450	450	NO
601 TO 900	600	600	NO
901 TO 1200	600	900	NO
GREATER THAN 1200	900	900	YES

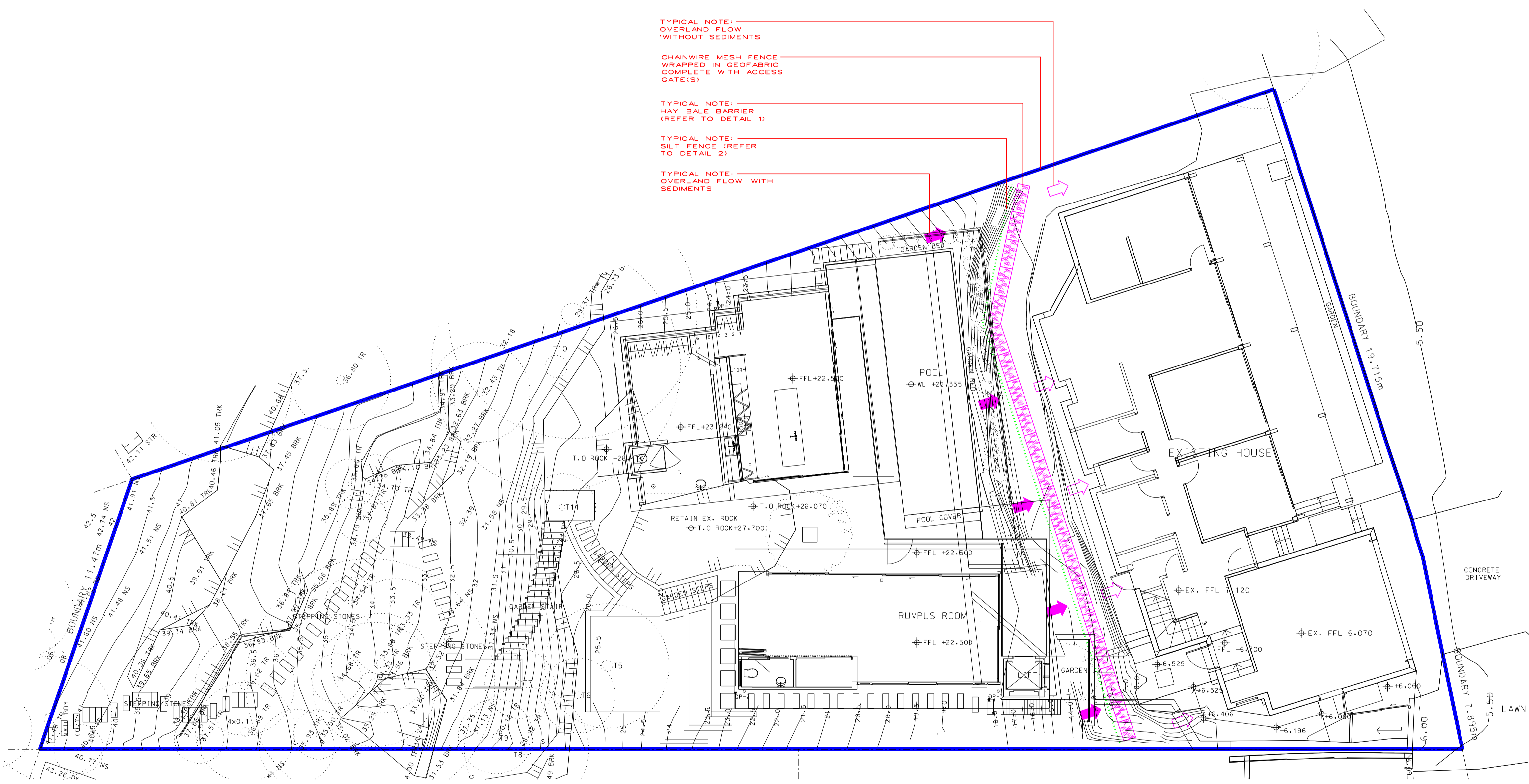


DETAIL 1: HAY BALE BARRIER
NTS



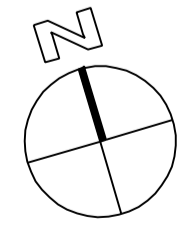
DETAIL 2: SILT FENCE
NTS

- TYPICAL NOTE: OVERLAND FLOW 'WITHOUT' SEDIMENTS
- CHAINWIRE MESH FENCE WRAPPED IN GEOFABRIC COMPLETE WITH ACCESS GATE(S)
- TYPICAL NOTE: HAY BALE BARRIER (REFER TO DETAIL 1)
- TYPICAL NOTE: SILT FENCE (REFER TO DETAIL 2)
- TYPICAL NOTE: OVERLAND FLOW WITH SEDIMENTS



SEDIMENTATION CONTROL DURING CONSTRUCTION

APPROVAL



<p>CLIENT: MATTHEWS RESIDENCE</p> <p>ARCHITECT: MACCORMICK + ASSOCIATES ARCHITECTS</p> <p>PROJECT: 13A OCEAN ROAD PALM BEACH</p>		<p>DRAWING TITLE: LEGEND, DETAILS AND SEDIMENTATION CONTROL</p> <p>SCALE: 1:100 @ A1 / 1:200 @ A3</p> <p>DISCIPLINE: HYD</p>																																	
<p>LIST OF REFERENCE DRAWINGS USED AS BACKGROUND</p> <table border="1"> <thead> <tr> <th>DISCIPLINE</th> <th>COMPANY</th> <th>DRAWING No</th> <th>A</th> </tr> </thead> <tbody> <tr> <td>ARCH</td> <td>MA</td> <td>DA02.01</td> <td>P2</td> </tr> <tr> <td>ARCH</td> <td>MA</td> <td></td> <td></td> </tr> <tr> <td>SURVEY</td> <td></td> <td></td> <td></td> </tr> <tr> <td>STRUCT</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MECH</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ELEC</td> <td></td> <td></td> <td></td> </tr> <tr> <td>FIRE</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		DISCIPLINE	COMPANY	DRAWING No	A	ARCH	MA	DA02.01	P2	ARCH	MA			SURVEY				STRUCT				MECH				ELEC				FIRE				<p>JOB No: 15/263</p> <p>DRAWING No: H-DA-00</p> <p>REVISION: A</p>	
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**STORMWATER DA
DRAWING ONLY**

- NOT FOR CONSTRUCTION
- FINAL LOCATION OF ALL DOWNPIPES, PITS, RAINWATER OUTLETS
AND SUBSOIL PIPES TO BE CONFIRMED DURING CONSTRUCTION
CERTIFICATE STAGE OF THE PROPOSED DEVELOPMENT

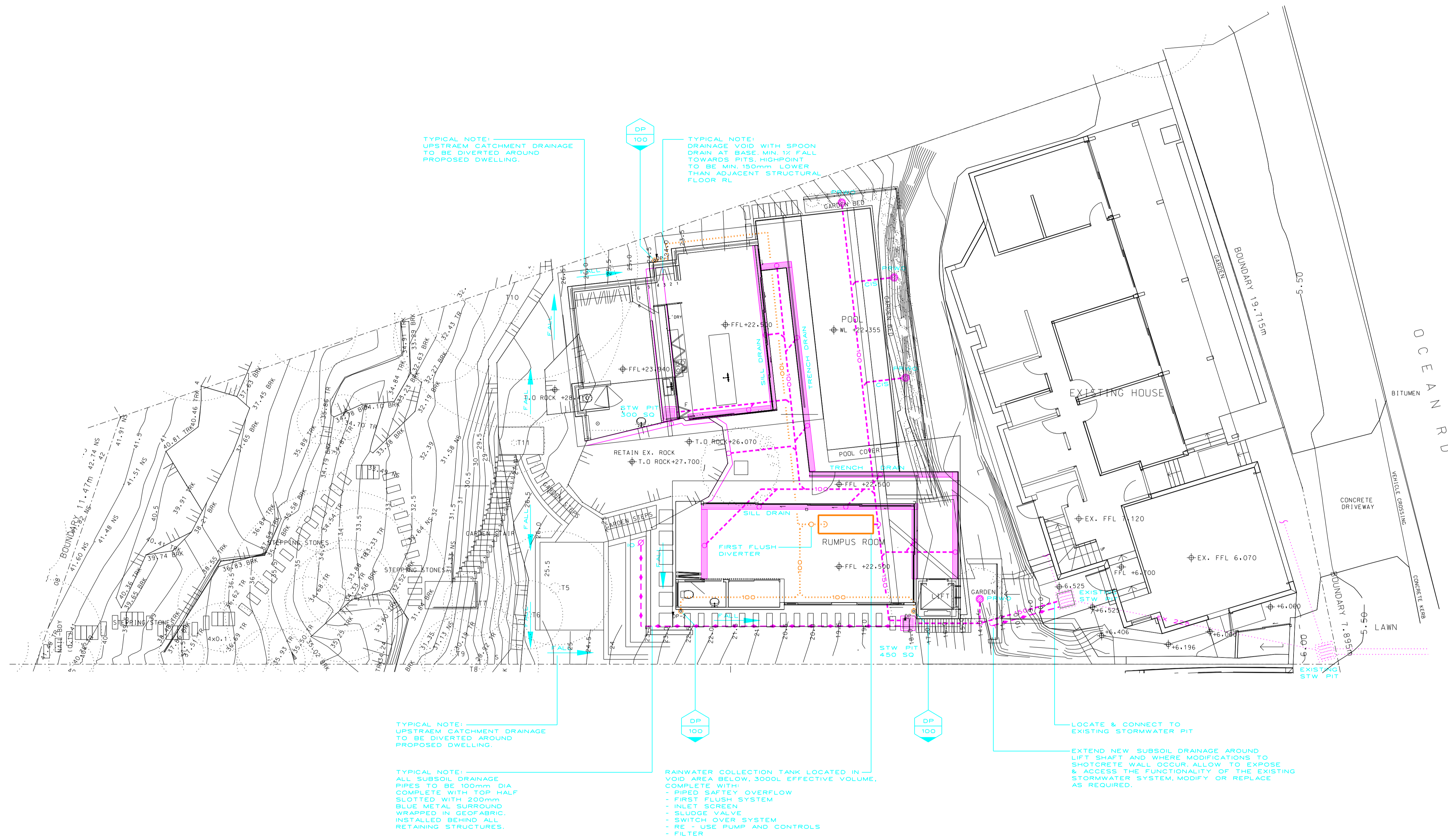
LANDSCAPING DRAINAGE

ALL LANDSCAPED AREAS LOCATED ABOVE CONCRETE SLABS
TO BE EQUIPPED WITH WATERPROOFING MEMBRANE,
DRAINAGE CELL AND GEOFABRIC

**GEOTECHNICAL &
STRUCTURAL ADVICE**

SUBSOIL, UPLIFT PRESSURE, VERTICAL WALL DRAINAGE
AND PIT CONSTRUCTION DETAILS TO BE CONFIRMED / CO -
ORDINATED WITH STRUCTURAL AND GEOTECHNICAL
ENGINEERS DURING CONSTRUCTION CERTIFICATE STAGE OF THE
PROPOSED DEVELOPMENT

NOTES
FOR GENERAL NOTES AND LEGEND REFER
TO COVER SHEET



TYPICAL NOTE:
UPSTREAM CATCHMENT DRAINAGE
TO BE DIVERTED AROUND
PROPOSED DWELLING.

TYPICAL NOTE:
DRAINAGE VOID WITH SPOON
DRAIN AT BASE, MIN. 1% FALL
TOWARDS PITS, HIGHPOINT
TO BE MIN. 150mm LOWER
THAN ADJACENT STRUCTURAL
FLOOR RL

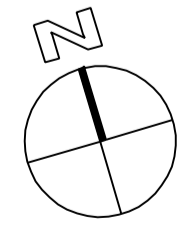
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RAINWATER COLLECTION TANK LOCATED IN
VOID AREA BELOW, 3000L EFFECTIVE VOLUME,
COMPLETE WITH:
- PIPED SAFETY OVERFLOW
- FIRST FLUSH SYSTEM
- INLET SCREEN
- SLUDGE VALVE
- SWITCH OVER SYSTEM
- RE - USE PUMP AND CONTROLS
- FILTER

LOCATE & CONNECT TO
EXISTING STORMWATER PIT

EXTEND NEW SUBSOIL DRAINAGE AROUND
LIFT SHAFT AND WHERE MODIFICATIONS TO
SHOTCRETE WALL OCCUR, ALLOW TO EXPOSE
& ACCESS THE FUNCTIONALITY OF THE EXISTING
STORMWATER SYSTEM, MODIFY OR REPLACE
AS REQUIRED.

APPROVAL



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MATTHEWS RESIDENCE

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tel:(02) 9997 1566 fax (02) 9997 3266
email: info@itmdesign.com.au

PROJECT
13A OCEAN ROAD
PALM BEACH

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SITE PLAN STORMWATER DRAINAGE		15/263	
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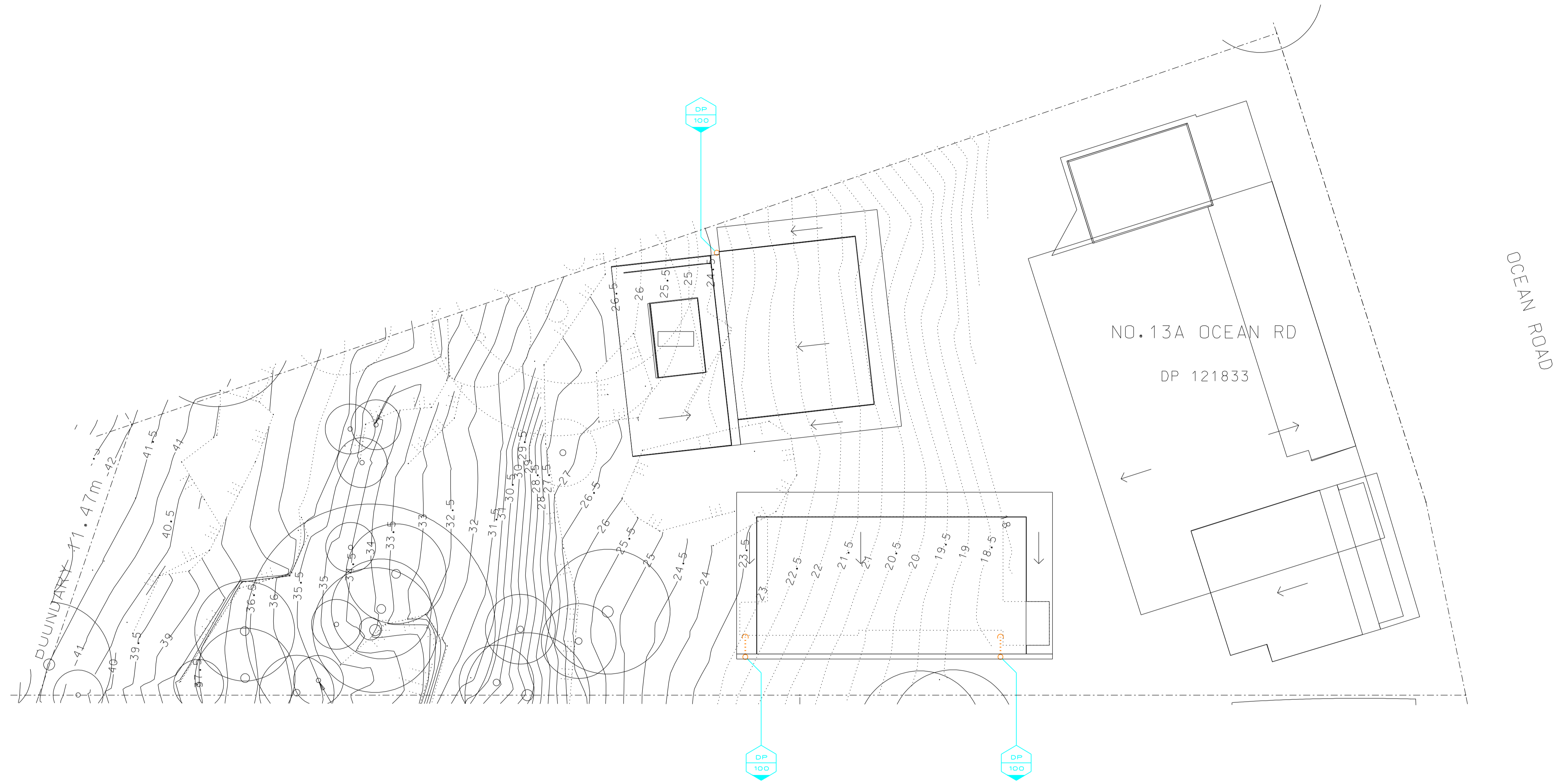
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STW DA DRAWING

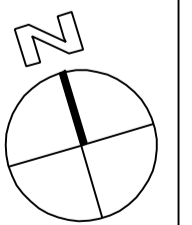
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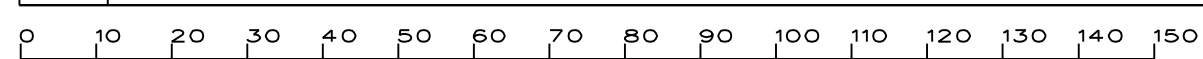
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