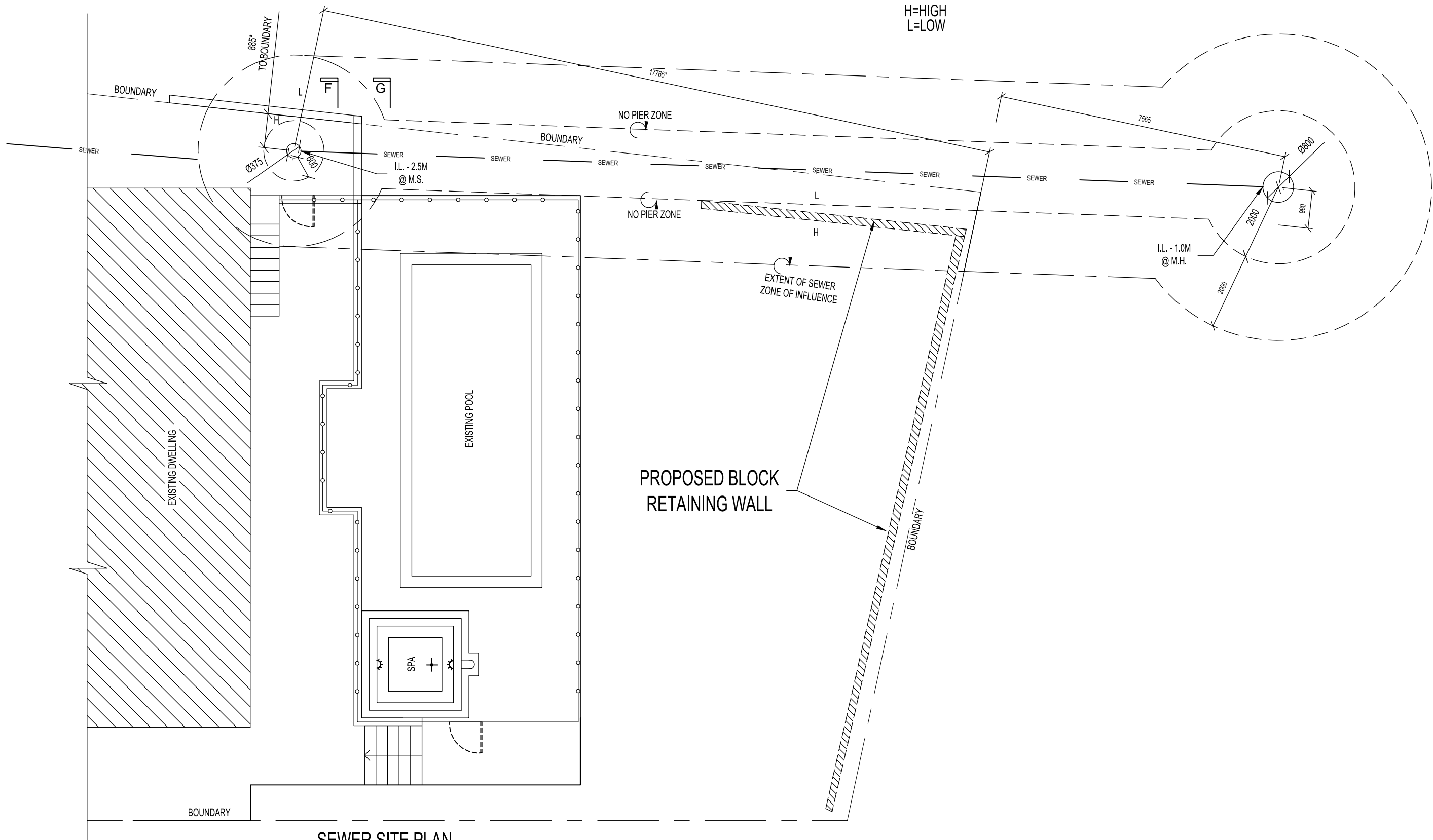


IF IN DOUBT, CONTACT ENGINEER.  
NOTE:



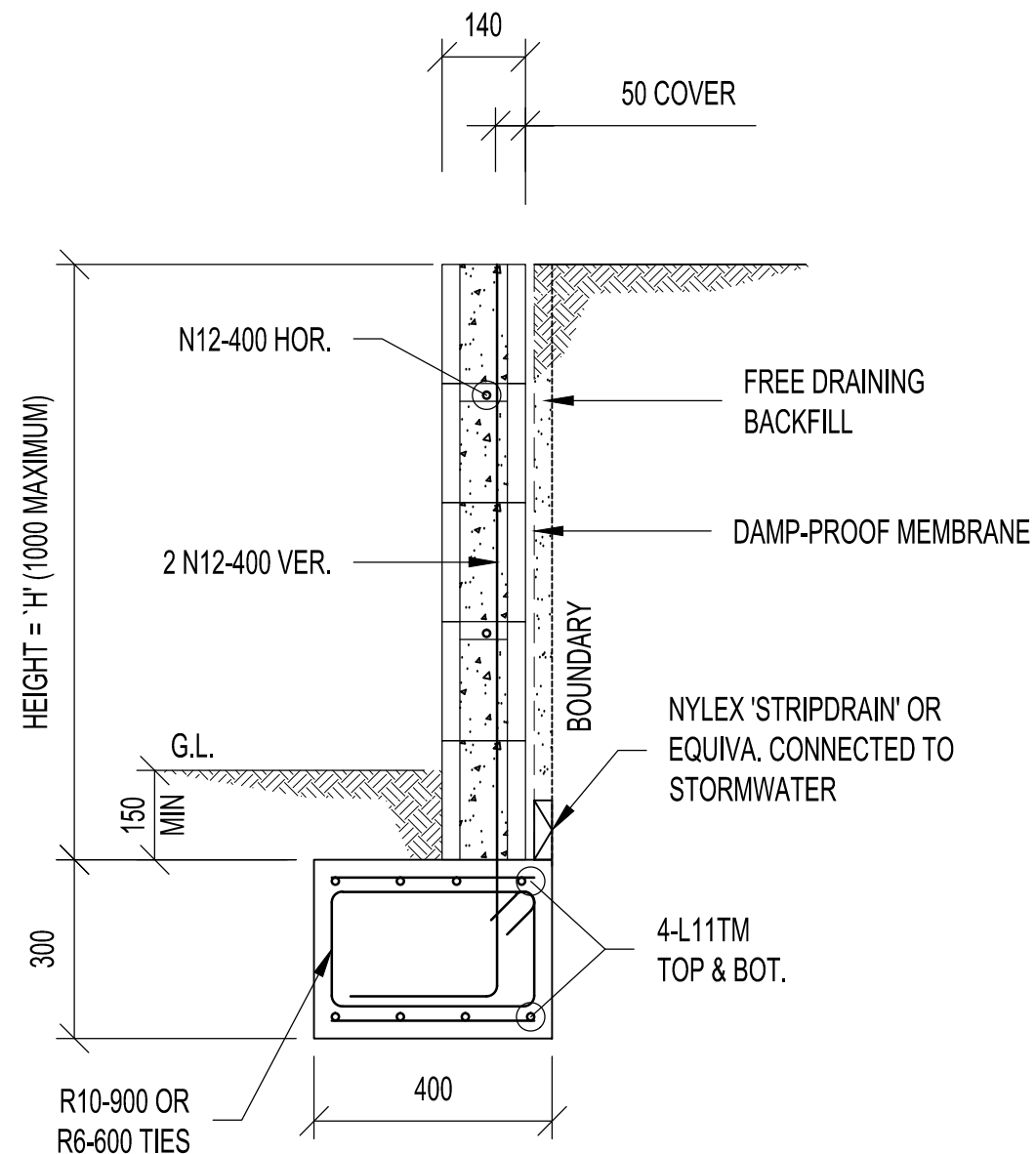
SEWER SITE PLAN

| DRAWN | DATE | AMENDMENT | REV | CLIENT: | FOR:   | <div>RESIDENTIAL<br/>INSPECTIONS<br/>CONSULTING ENGINEERS</div> <div>20 Aldridge Street<br/>Stanhope Gardens NSW 2145<br/>Mobile: 0425 245 325</div> | APPROVED BY:  | DATE:                 | SCALE:          | REVISION  |
|-------|------|-----------|-----|---------|--|--|---|-----------------------|-----------------|-----------|
|       |      |           |     |         | MR AND MS TERRY                                |  |   | 02/07/2020            |                 |           |
|       |      |           |     |         | SITE ADDRESS:                                  |  | ROBERT CHARLES VELARDE<br>B.E. (CIVIL & STRUCTURAL) | CLIENT REF:<br>652673 | DRAWN:<br>R. V. | SHEET No. |
|       |      |           |     |         | LOT 10 NO.12 OLD BARRENJOEY ROAD, AVALON BEACH |  |   | JOB No.               |                 | 1 / 2     |
|       |      |           |     |         |  |  |   | CS0027_RWALL_BACK     |                 |           |

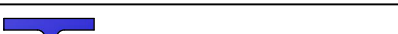

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## REINFORCED BLOCKWORK

- RB1. ALL WORKMANSHIP AND MATERIALS TO BE IN ACCORDANCE WITH AS 3700.
- RB2. ALL BLOCKS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 25 MPa.
- RB3. CHASES AND HOLES SHALL NOT BE MADE IN BLOCKWORK .  
WITHOUT THE PRIOR APPROVAL OF SUPERINTENDENT.
- RB4. PROVIDE CLEAN OUT HOLES AT THE BOTTOM OF ALL CORES FILLED.  
ALL MORTAR SHALL BE REMOVED FROM BOTTOM OF WALL BEFORE  
CLEAN OUT HOLES ARE FILLED FOR GROUTING.
- RB5. ALL CORES SHALL BE CLEANED AND VERTICAL BARS TIED TO STARTER BARS.
- RB6. CONCRETE TO WALLS TO BE THOROUGHLY VIBRATED AND POURED IN LIFTS OF  
180 MAXIMUM. SECOND LIFT TO BE VIBRATED INTO THE FIRST LIFT.
- RB7. THE TOP COURSE IN HOLLOW BLOCK WALLS SHALL BE LAID IN SOLID  
BLOCK.
- RB8. PROVIDE CLEAN OUT HOLES AT BASE OF ALL WALLS AND ROD CORE 'HOLES TO  
REMOVE PROTRUDING MORTAR FINS.
- RB9. CORE FILLING GROUT SHALL HAVE MINIMUM CHARACTERISTIC  
STRENGTH OF 25 MPa, 10mm AGGREGATE, 230mm SLUMP +/-30mm.  
THOROUGHLY COMPACT CORE FILL GROUT WITH A MECHANICAL  
VIBRATOR.
- RB10. PROVIDE 55mm COVER TO REINFORCING BARS FROM THE  
OUTSIDE FACE OF THE BLOCKWORK.
- RB11. BACKFILL TO RETAINING WALLS IS TO BE FREE DRAINING  
GRANULAR MATERIAL UNLESS NOTED OTHERWISE. PROVIDE A  
SUBSOIL DRAIN TO WEEP HOLES.
- RB12. ALL MASONRY WALLS AND PIERS SUPPORTING SLABS AND BEAMS SHALL HAVE  
A PRE-GREASED GALVANISED STEEL SLIP JOINT BETWEEN THE TOP OF THE  
MASONRY AND THE CONCRETE SLAB SOFFIT UNLESS NOTED OTHERWISE.
- RB13. PROVIDE VERTICAL JOINTS AT 8m MAXIMUM CENTRES, AND 5m  
MAXIMUM DISTANCE FROM CORNERS IN ALL MASONRY WALLS. REFER DETAIL  
BELOW.



BLOCK RETAINING WALL SECTION  
TYPICAL

|   |      |           |     |         |   |  |              |   |             |              |  |
|---|------|-----------|-----|---------|---|--|--------------|---|-------------|--------------|--|
| DRAWN   | DATE | AMENDMENT | REV | CLIENT: | FOR:  | <div><p>20 Aldridge Street<br/>Stanhope Gardens NSW 2145</p><p>Mobile: 0425 245 325</p></div> | APPROVED BY: | DATE:   | SCALE:      | REVISION     |  |
|   |      |           |     |         | MR AND MS TERRY                               |  |              |  | 02/07/2020  |              |  |
|   |      |           |     |         |   |  |              |   | CLIENT REF: | DRAWN:       |  |
|   |      |           |     |         |   |  |              |   | 652673      | R. V.        |  |
|   |      |           |     |         |   |  |              |   | JOB No.     |              |  |
|   |      |           |     |         | SITE ADDRESS:                                 |  |              | <b>CS0027_RWALL_BACK</b>  |             | <b>2 / 2</b> |  |
|   |      |           |     |         | LOT 10 NO.12 OLD BARRENJOEY ROAD,AVALON BEACH |  |              | ROBERT CHARLES VELARDE<br>B.E. (CIVIL & STRUCTURAL)                                   |             |              |  |
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