

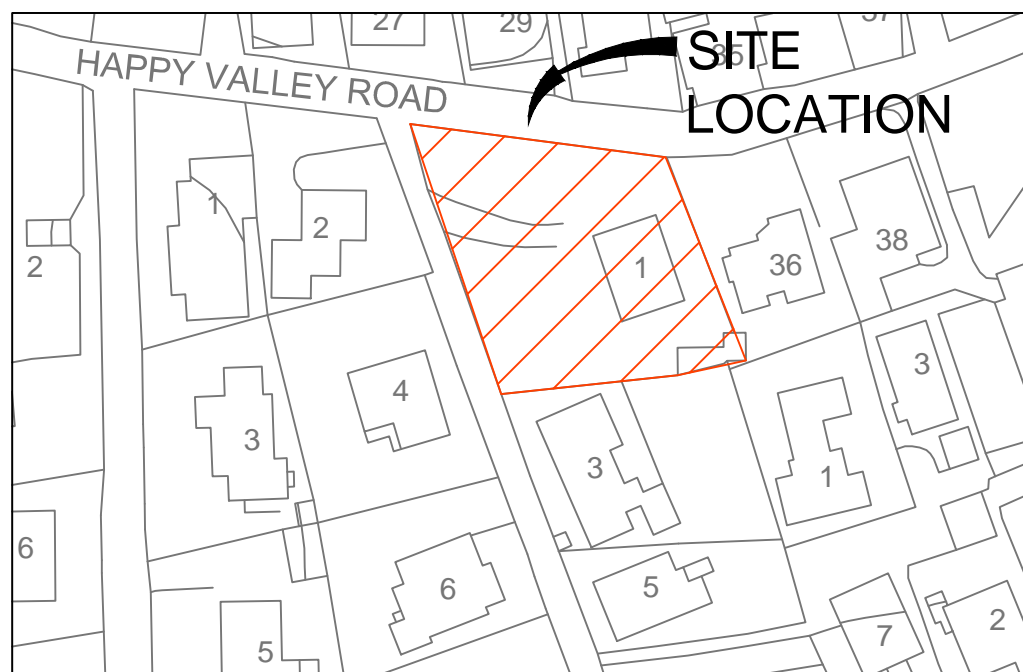


# MINISTRY OF PUBLIC WORKS

## HAPPY VALLEY ROAD CONSTRUCTION

Pembroke Parish

DRAWING LIST	
H0	COVER
CC10/1630/01	SURVEY
H1	PROPOSED PLAN & SECTION
H2	RETAINING WALL
H3	CONSTRUCTION DETAILS & NOTES



**SITE PLAN**

THE MINISTRY OF  
PUBLIC WORKS

P.O. Box HM525 Hamilton HMCX Bermuda  
Phone: (441)295-5151

DEPARTMENT OF  
WORKS & ENGINEERING  
Fax: (441)294-9087

Highways Section

ISSUED FOR: Tender 18/12/15

AMENDMENTS:

NO	REVISION	BY	APP	DATE

SCALE:

**SURVEY**  
PREPARED BY: CompuCAD DATE: 9/10

**DESIGN**  
PREPARED BY: ABH DATE: 6/2015  
CHECKED BY: RC DATE: 7/2015

**DRAWING**  
PREPARED BY: ABH DATE: 6/2015  
CHECKED BY: TH DATE: 11/2015

APPROVED BY: RC DATE: 8/2015

PROJECT NUMBER:  
H 41/48 - 89993

PROJECT NAME:  
**RETAINING WALL &  
SIDEWALK  
CONSTRUCTION**

Happy Valley Road  
1 Hillsdale Avenue  
Pembroke

SHEET TITLE:

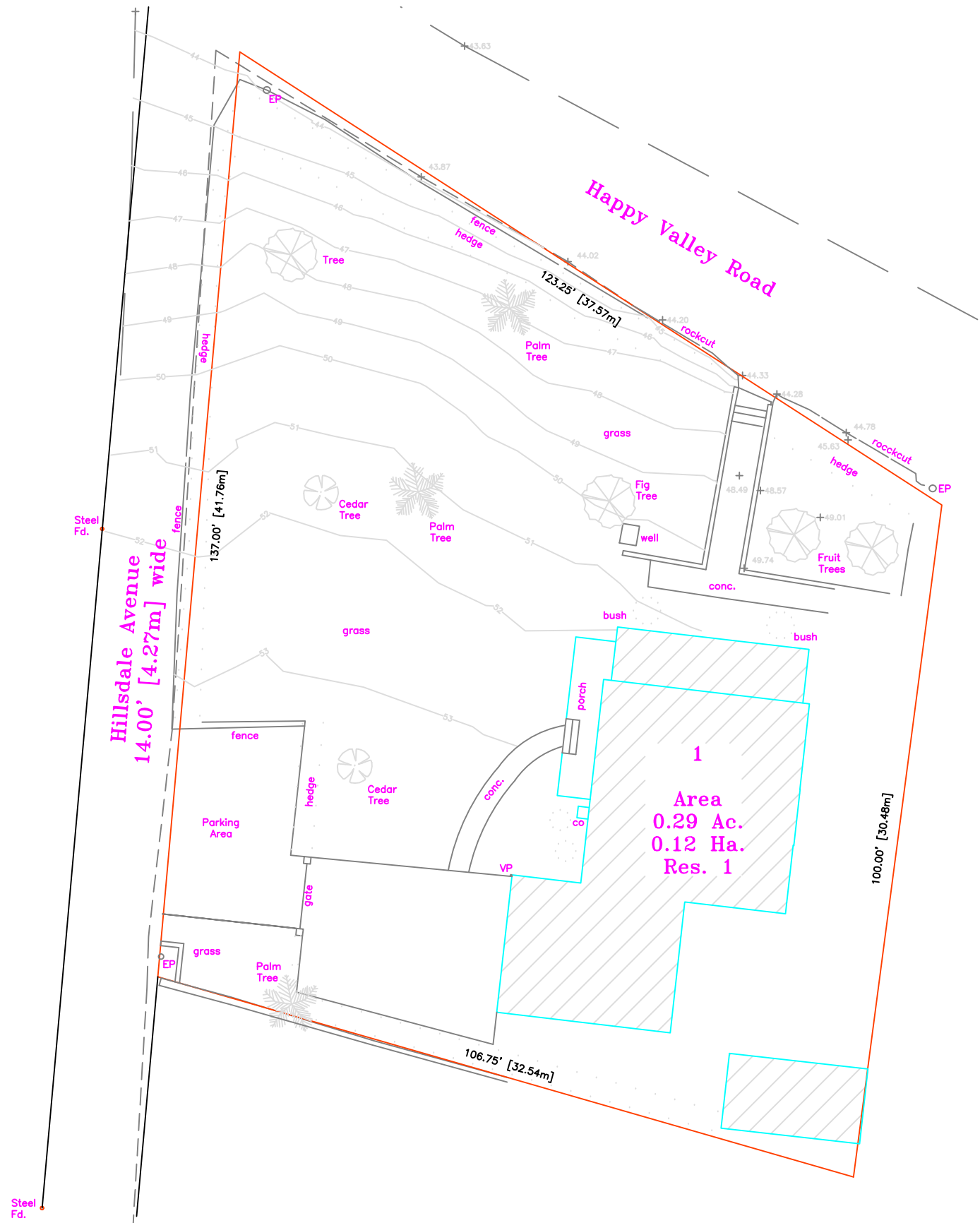
**COVER**

SHEET NUMBER:

**H 0**

REVISION

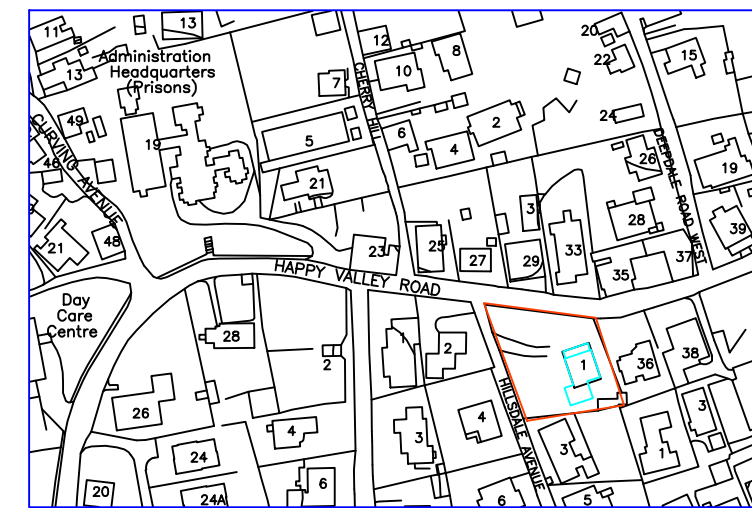
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General Notes

1. THIS DRAWING IS THE COPY RIGHT OF THE AGENT ONLY.
2. PLEASE DO NOT SCALE THIS DRAWING, ONLY FIGURED DIMENSIONS TO BE USED.
3. ALL DIMENSIONS ARE IN DECIMAL FEET UNLESS OTHERWISE STATED.
4. ANY DISCREPANCY BETWEEN DRAWINGS AND DIMENSIONS ARE TO BE REFERRED TO THE AGENT IMMEDIATELY.
5. ALWAYS REFER TO THE LATEST ISSUE OF DRAWINGS FOR UP TO DATE REVISIONS.
6. LEVELS AND GRID ARE ARBITRARY.
7. DRAWING IS IN REFERENCE TO DEED PLAN & LEGAL DESCRIPTION.
8. THIS DRAWING IS NOT TO BE USED AS A DEED PLAN.

4	:		
3	:		
2	:		
1	:		
No.	Revision/Issue	Date	



**Compu-CAD**  
 Training & Services Limited  
 P.O. Box HM 2873 Hamilton HMLX  
 Tel: (441) 295-4791 Fax: 441-295-7497  
 email: info@compucad.bm  
 SPECIALIZING IN RESIDENTIAL DESIGN, LAND SURVEYING, DRAFTING,  
 PROJECT MANAGEMENT, LASSI, FOREST SCANNING/PRINTING & AUTOCAD TRAINING

Survey by: **Q. Francis, M.R.C.S.**

Client's Name  
**MR. VANCE HOLLIS**  
 Address of Works  
**1 HILSDALE AVENUE  
 PEMBROKE HM20**

Sheet Description PARTIAL TOPOGRAPHICAL SURVEY & LOCATION PLAN	Sheet Name <b>CC10/1630/01</b>
Date <b>MAY 2010</b>	
Scale <b>As Noted</b>	

**1**  
**CC10**  
**1630/01**  
**PARTIAL TOPOGRAPHICAL SURVEY**  
 1" = 20'-0"

**2**  
**CC10**  
**1630/01**  
**LOCATION PLAN**  
 1:2500







**CONSTRUCTION NOTES**

- 1.0 GENERAL**  
 1.1 THESE NOTES APPLY TO HIGHWAYS DRAWINGS H1 TO H4.  
 1.2 ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.  
 1.3 ALL WORKS IS TO BE DONE IN ACCORDANCE WITH THE MINISTRY OF WORKS & ENGINEERING STANDARD SPECIFICATIONS DATED 2010.  
 1.4 ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATIONS FOR THIS PACKAGE, WHERE A DISCREPANCY EXISTS BETWEEN THE DRAWINGS AND SPECIFICATIONS SHOULD BE BOUGHT TO THE ENGINEER'S ATTENTION.  
 1.5 DO NOT SCALE THE DRAWINGS, DIMENSIONS ARE TO BE USED AS A GUIDE ONLY, CONTRACTOR TO FIELD MEASURE FOR ALL DIMENSIONAL REQUIREMENTS.  
 1.6 ALL DETAILS AND ARRANGEMENTS OF EXISTING CONDITIONS, DIMENSIONS, ETC, TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION, AND DISCREPANCIES TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER REPRESENTATIVE.  
 1.7 CONTRACTOR TO MAKE GOOD ANY DAMAGES CAUSED ON SITE, REPAIRING TO MATCH EXISTING OR AS APPROVED BY ENGINEER.
- 2.0 FOUNDATIONS**  
 2.1 FOUNDATION ARE TO BEAR ON UNDISTURBED GROUND OR ROCK. BEARING MATERIAL IS TO REMAIN UNDISTURBED AND BE REVIEWED BY THE ENGINEER PRIOR TO POURING FOOTING.  
 2.2 ANY SOFT AREAS IN THE ROCK ARE TO BE REMOVED AND FILLED WITH 20MPA CONCRETE TO THE ENGINEERS APPROVAL.
- 3.0 CONCRETE**  
 3.1 ALL CONCRETE WORK TO BE IN ACCORDANCE WITH THE SPECIFICATIONS.  
 3.2 CONCRETE MIX DESIGNS TO BE SUBMITTED TO ENGINEER FOR APPROVAL.  
 3.3 CONCRETE PROPERTIES ARE TO BE AS FOLLOWS; USE 20MPA (3,000PSI) CONCRETE STRENGTH AT 28 DAYS, SLUMP 75MM +/- 20MM.  
 3.4 REINFORCING CHAIRS TO BE PLASTIC OR CONCRETE.  
 3.5 NO ADDITIVES TO BE USED WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.
- 4.0 REINFORCING STEEL**  
 4.1 REINFORCING STEEL TO HAVE A MINIMUM YIELD STRENGTH OF 40 MPA, TYPE 2 DEFORMED TO BS4449.  
 4.2 REINFORCING STEEL TO BE GALVANIZED IN ACCORDANCE WITH PART 1.1, SECTION 03200 OF THE SPECIFICATIONS.
- 5.0 INSPECTION AND TESTING**  
 5.1 CONTRACTOR TO PROVIDE 24 HOURS NOTICE FOR THE INSPECTION OF ALL REINFORCING PRIOR TO POURING CONCRETE.  
 5.2 CONCRETE SHALL BE TESTED FOR SLUMP ON SITE. THE TEST CYLINDERS SHALL BE TAKEN FOR 3, 7, AND 28 DAY STRENGTHS. COMPRESSION TESTING SHALL BE CONDUCTED AT THE MINISTRY'S QUARRY TEST FACILITY.
- 6.0 DRAINAGE**  
 6.1 ALL BLOCK CELLS ARE TO BE FILLED WITH 3000 PSI CONCRETE.  
 6.2 ALL CONCRETE TO BE USED IN THE FOOTING WILL HAVE FIBER MESH OR EQUAL ADDED TO THE CONCRETE AT A RATE OF .9KG/M3. 6.3 BACKFILL IN 20MPA CONCRETE.

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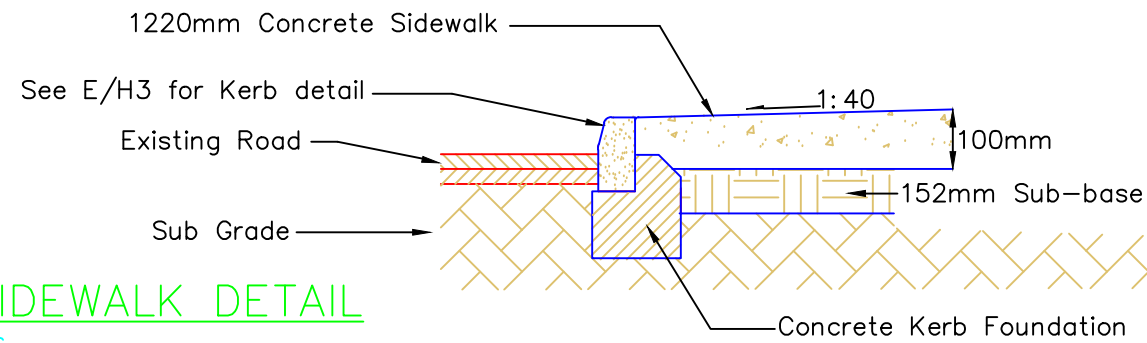
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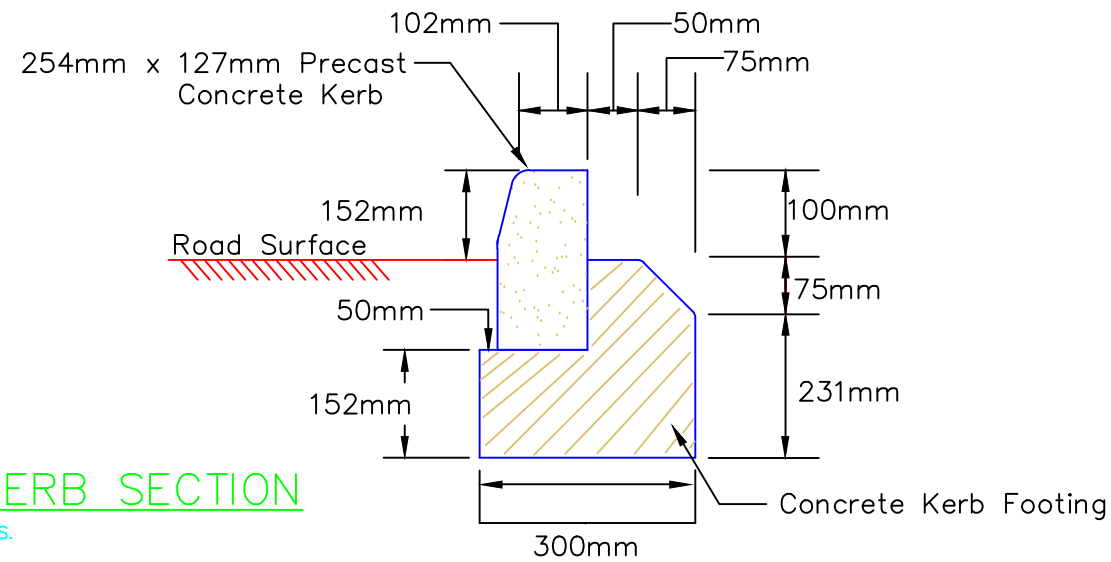
PROJECT NAME:  
**RETAINING WALL & SIDEWALK CONSTRUCTION**  
 Happy Valley Road  
 1 Hillsdale Avenue  
 Pembroke

SHEET TITLE:  
 H 41/48\_3\_A  
 Const. Details & Notes

SHEET NUMBER: H 3 REVISION:

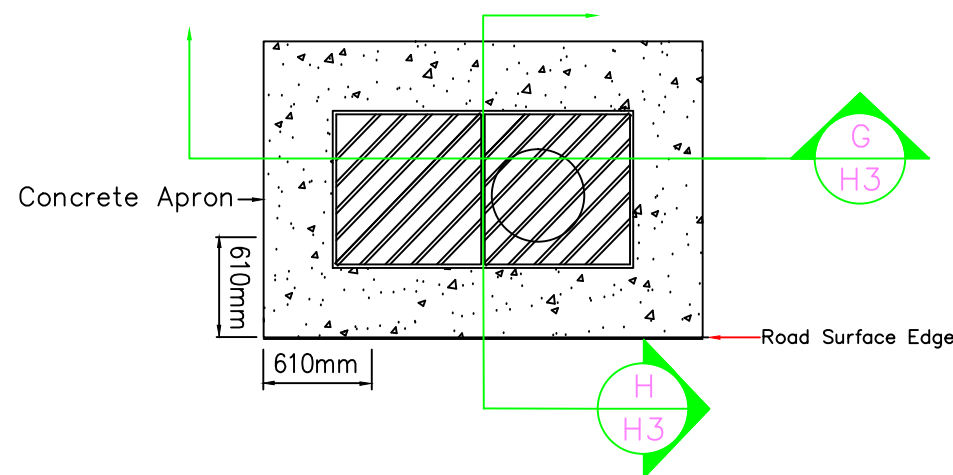


**D**  
**H3**  
 N.T.S.  
**SIDEWALK DETAIL**

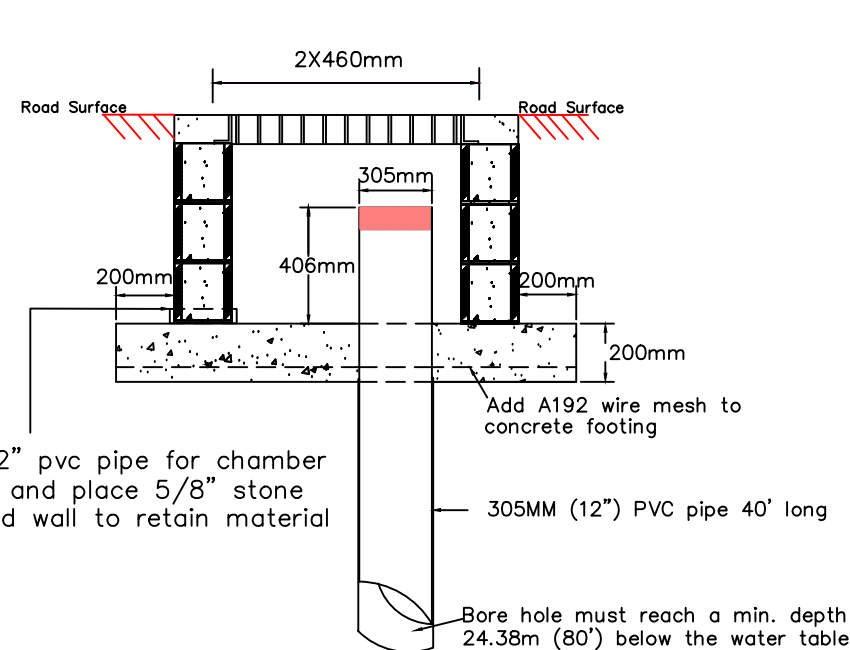


**E**  
**H3**  
 N.T.S.  
**KERB SECTION**

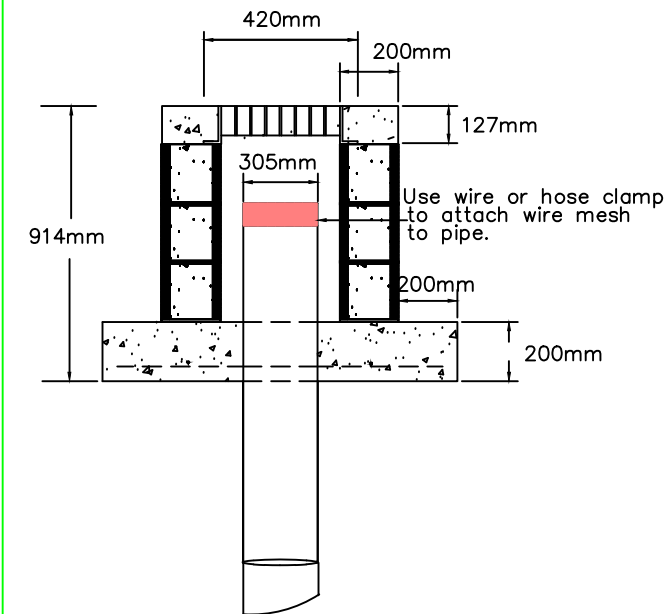
Use 2 Works & Engineering grates size 460mm x 580mm



**F**  
**H3**  
 1:20  
**DRAINAGE DETAIL**



**G**  
**H3**  
 1:20  
**VERTICAL SECTION**



**H**  
**H3**  
 1:20  
**HORIZONTAL SECTION**