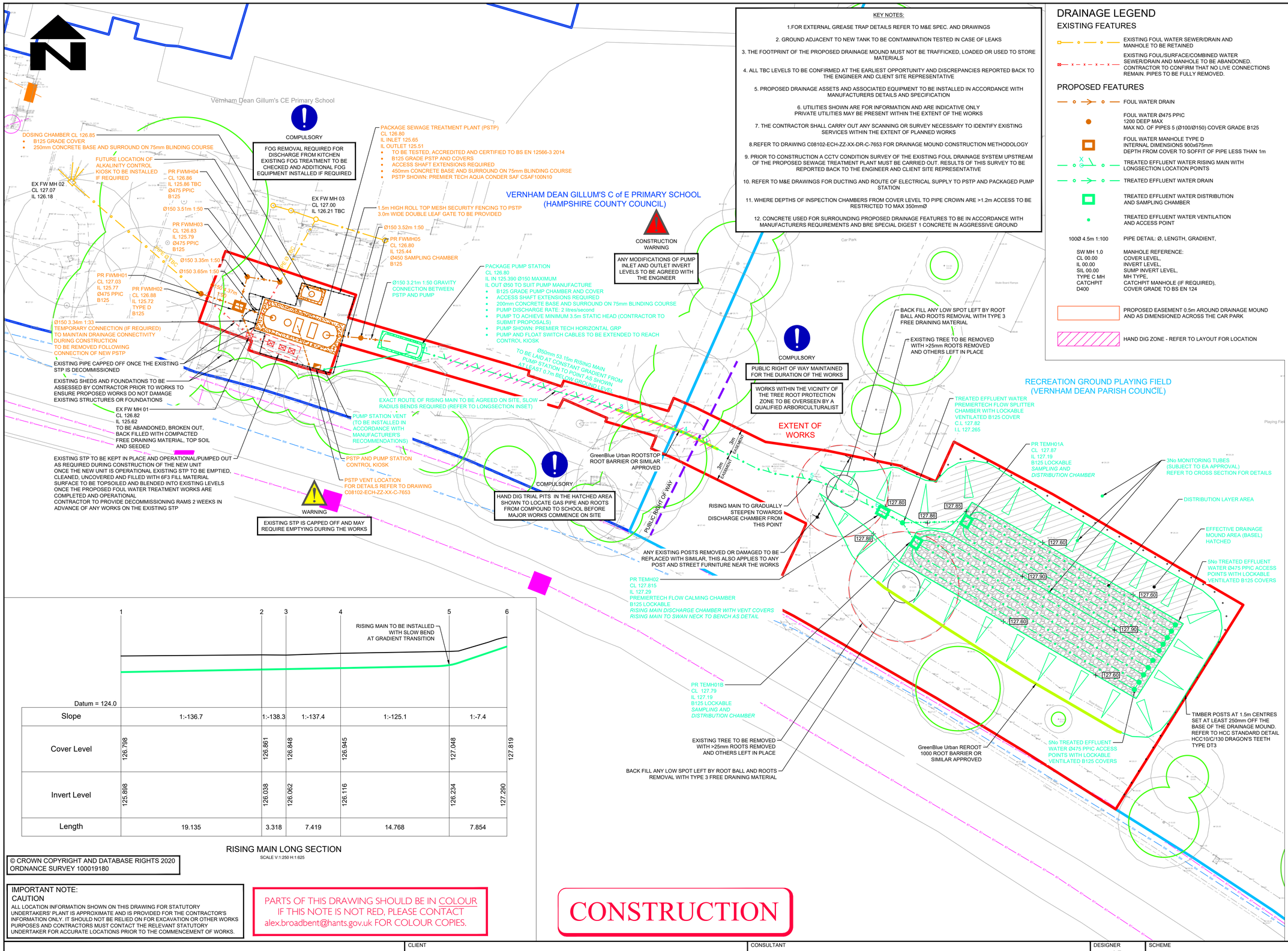

KEY NOTES:

1.FOR EXTERNAL GREASE TRAP DETAILS REFER TO M&E SPEC. AND DRAWINGS

2. GROUND ADJACENT TO NEW TANK TO BE CONTAMINATION TESTED IN CASE OF LEAKS

3. THE FOOTPRINT OF THE PROPOSED DRAINAGE MOUND MUST NOT BE TRAFFICKED, LOADED OR USED TO STORE MATERIALS

4. ALL TBC LEVELS TO BE CONFIRMED AT THE EARLIEST OPPORTUNITY AND DISCREPANCIES REPORTED BACK TO THE ENGINEER AND CLIENT SITE REPRESENTATIVE

5. PROPOSED DRAINAGE ASSETS AND ASSOCIATED EQUIPMENT TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS DETAILS AND SPECIFICATION

6. UTILITIES SHOWN ARE FOR INFORMATION AND ARE INDICATIVE ONLY
PRIVATE UTILITIES MAY BE PRESENT WITHIN THE EXTENT OF THE WORKS

7. THE CONTRACTOR SHALL CARRY OUT ANY SCANNING OR SURVEY NECESSARY TO IDENTIFY EXISTING SERVICES WITHIN THE EXTENT OF PLANNED WORKS

8.REFER TO DRAWING C08102-ECH-ZZ-XX-DR-C-7653 FOR DRAINAGE MOUND CONSTRUCTION METHODOLOGY

9. PRIOR TO CONSTRUCTION A CCTV CONDITION SURVEY OF THE EXISTING FOUL DRAINAGE SYSTEM UPSTREAM OF THE PROPOSED SEWAGE TREATMENT PLANT MUST BE CARRIED OUT. RESULTS OF THIS SURVEY TO BE REPORTED BACK TO THE ENGINEER AND CLIENT SITE REPRESENTATIVE

10. REFER TO M&E DRAWINGS FOR DUCTING AND ROUTE OF ELECTRICAL SUPPLY TO PSTP AND PACKAGED PUMP STATION

11. WHERE DEPTHS OF INSPECTION CHAMBERS FROM COVER LEVEL TO PIPE CROWN ARE >1.2m ACCESS TO BE RESTRICTED TO MAX 350mmØ

12. CONCRETE USED FOR SURROUNDING PROPOSED DRAINAGE FEATURES TO BE IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS AND BRE SPECIAL DIGEST 1 CONCRETE IN AGGRESSIVE GROUND

DRAINAGE LEGEND

EXISTING FEATURES

- EXISTING FOUL WATER SEWER/DRAIN AND MANHOLE TO BE RETAINED
- EXISTING FOUL/SURFACE/COMBINED WATER SEWER/DRAIN AND MANHOLE TO BE ABANDONED. CONTRACTOR TO CONFIRM THAT NO LIVE CONNECTIONS REMAIN. PIPES TO BE FULLY REMOVED.

PROPOSED FEATURES

- FOUL WATER DRAIN
- FOUL WATER Ø475 PPIC 1200 DEEP MAX MAX NO. OF PIPES 5 (Ø100/Ø150) COVER GRADE B125
- FOUL WATER MANHOLE TYPE D INTERNAL DIMENSIONS 900x675mm DEPTH FROM COVER TO SOFFIT OF PIPE LESS THAN 1m
- TREATED EFFLUENT WATER RISING MAIN WITH LONGSECTION LOCATION POINTS
- TREATED EFFLUENT WATER DRAIN
- TREATED EFFLUENT WATER DISTRIBUTION AND SAMPLING CHAMBER
- TREATED EFFLUENT WATER VENTILATION AND ACCESS POINT
- 100Ø 4.5m 1:100 PIPE DETAIL: Ø, LENGTH, GRADIENT,
- SW MH 1.0 / CL 00.00 / IL 00.00 / SIL 00.00 / TYPE C MH / CATCHPIT / D400 — MANHOLE REFERENCE: COVER LEVEL, INVERT LEVEL, SUMP INVERT LEVEL, MH TYPE, CATCHPIT MANHOLE (IF REQUIRED), COVER GRADE TO BS EN 124
- PROPOSED EASEMENT 0.5m AROUND DRAINAGE MOUND AND AS DIMENSIONED ACROSS THE CAR PARK
- HAND DIG ZONE - REFER TO LAYOUT FOR LOCATION

NOTES

1. DO NOT SCALE FROM THIS DRAWING. REFER TO FIGURED DIMENSIONS ONLY. THE CONTRACTOR SHOULD CHECK ALL DIMENSIONS ON SITE.
2. ALL DIMENSIONS IN MILLIMETRES AND ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT AND ENGINEERING DETAILS, DRAWINGS AND SPECIFICATIONS.
4. ANY DISCREPANCIES SHOULD BE REPORTED TO THE ARCHITECT AND/OR ENGINEER IMMEDIATELY, SO THAT CLARIFICATION CAN BE SOUGHT PRIOR TO THE COMMENCEMENT OF WORK.
5. BEFORE COMMENCING CONSTRUCTION THE CONTRACTOR MUST CHECK THE INVERT LEVELS OF EXISTING SEWERS TO WHICH CONNECTIONS ARE MADE. IN ADDITION THE CONTRACTOR MUST LOCATE AND DETERMINE INVERT LEVELS OF THE EXISTING SPURS TO WHICH CONNECTIONS ARE PROPOSED. ANY DISCREPANCIES ARE TO BE NOTIFIED TO THE ENGINEER IMMEDIATELY, PRIOR TO CONSTRUCTION.
6. ALL DRAINAGE WORKS SHOULD COMMENCE AT THE PROPOSED DOWNSTREAM CONNECTION POINT, THE WORKS CONTINUING UPSTREAM FOLLOWING CONFIRMATION OF THE TIE-IN INVERT LEVELS TO THE ENGINEER. CONNECTIONS TO MANHOLES OR LARGER SIZED PIPES ETC. SHOULD BE SOFFIT TO SOFFIT UNLESS OTHERWISE INSTRUCTED BY THE ENGINEER. IF THIS IS NOT POSSIBLE INFORM THE ENGINEER IMMEDIATELY.
7. PROPOSED COVER LEVELS SHOWN ARE APPROXIMATE. COVERS AND FRAMES SHALL BE SET TO FINISHED GROUND LEVELS AND FALLS TO ENSURE THEY LAY FLUSH.
8. ALL OTHER UN-REFERENCED PIPES ARE ASSUMED TO BE 100mm DIA.
   - FW MIN GRADIENT - 1 IN 40 (100 DIA) NO WC'S CONNECTED
   - FW MIN GRADIENT - 1 IN 80 (100 DIA) MIN 1 WC CONNECTED
   - FW MIN GRADIENT - 1 IN 150 (150 DIA) MIN 5 WC'S CONNECTED
9. ANY WORKS ASSOCIATED WITH THE PUBLIC HIGHWAY INCLUDING HIGHWAY DRAINAGE, SHALL BE IN ACCORDANCE WITH THE HIGHWAYS AGENCY SPECIFICATION FOR HIGHWAY WORKS, UNLESS NOTED OTHERWISE WITH HCC STANDARD SPECIFICATIONS OR DRAWINGS TAKING PRECEDENT.
10. ALL PRIVATE DRAINAGE TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS APPROVED DOCUMENT PART-H, AND TO THE SATISFACTION OF THE BUILDING CONTROL INSPECTOR.
11. WHERE DRAINS CONNECT TO CHAMBERS, A FLEXIBLE PIPE JOINT SHOULD BE PROVIDED TO FORM A ROCKER PIPE IN ACCORDANCE WITH THE STANDARD DETAIL PROVIDED.
12. THE CONTRACTOR IS TO KEEP A RECORD OF ANY VARIATIONS AGREED ON SITE, INCLUDING THE RELOCATION OF SEWERS OR DRAINS, SO THAT AN "AS-CONSTRUCTED" DRAWING CAN BE PREPARED UPON COMPLETION OF THE PROJECT.
13. IF ANY SUB SOIL DRAINAGE SYSTEMS ARE UNCOVERED DURING THE WORKS CONTACT THE ENGINEER FOR INSTRUCTIONS. SUB SOIL DRAINS ARE TO BE DIVERTED AROUND NEW WORKS AND CONNECTED INTO THE SURFACE WATER.
14. SOFT SPOTS IN FORMATION ARE TO BE BE REMOVED AND REPLACED WITH SUITABLE MATERIAL.
15. ALL EXISTING MANHOLE COVER'S, GULLIES, ETC, ARE TO BE RAISED TO SUIT NEW LEVEL.

DRAINAGE LEGEND CONTINUED

- ROOT PROTECTION BARRIER
- ROOT PROTECTION ZONE - REFER TO ARBORICULTURALIST METHOD STATEMENT
- PUBLIC RIGHT OF WAY
- 1.5m HIGH WELDED MESH ROLL TOP FENCE TO BS 1722-14:2017 TO CLIENT AGREED FINISHES, CONTRACTOR TO SUBMIT PROPOSALS FOR APPROVAL
- PLANNING REDLINE BOUNDARY

WARNING SIGN LEGEND

- COMPULSORY — INDICATES A RESIDUAL RISK REQUIRING A COMPULSORY ACTION
- WARNING — INDICATES A RESIDUAL RISK REQUIRING A WARNING
- CONSTRUCTION WARNING — INDICATES AN ITEM WHICH REQUIRES SPECIAL ATTENTION BY THE CONTRACTOR

Slope	1:-136.7		1:-138.3	1:-137.4	1:-125.1				1:-7.4		
Cover Level	126.798		126.861	126.848	126.945				127.048		127.819
Invert Level	125.898		126.038	126.062	126.116				126.234		127.290
Length	19.135		3.318	7.419	14.768				7.854		

RISING MAIN LONG SECTION
SCALE V:1:250 H:1:625

IMPORTANT NOTE:
CAUTION
ALL LOCATION INFORMATION SHOWN ON THIS DRAWING FOR STATUTORY UNDERTAKERS' PLANT IS APPROXIMATE AND IS PROVIDED FOR THE CONTRACTOR'S INFORMATION ONLY. IT SHOULD NOT BE RELIED ON FOR EXCAVATION OR OTHER WORKS PURPOSES AND CONTRACTORS MUST CONTACT THE RELEVANT STATUTORY UNDERTAKER FOR ACCURATE LOCATIONS PRIOR TO THE COMMENCEMENT OF WORKS.

PARTS OF THIS DRAWING SHOULD BE IN COLOUR
IF THIS NOTE IS NOT RED, PLEASE CONTACT
alex.broadbent@hants.gov.uk FOR COLOUR COPIES.

CONSTRUCTION

REV	AMENDMENTS	DATE	CAD	CHKD	APPD
C04	TEMPORARY DRAINAGE CONNECTION ADDED	01.09.2020	AB	DR	DR
C03	DOSING KIOSK LOCATION UPDATED	25.08.2020	AB	FN	DR
C02	PUMP STATION AND MOUND REVISED TO AVOID TREES	12.08.2020	AB	FN	MC
C01	ISSUED FOR CONSTRUCTION	15.07.2020	AB	FN	DR

CLIENT
HAMPSHIRE COUNTY COUNCIL
PROPERTY, BUILDINGS AND REGULATORY SERVICES
ARCHITECTS PRACTICE

CONSULTANT
Hampshire County Council Engineering Consultancy
STUART JARVIS BSc DipTP FCIHT MRTPI: DIRECTOR OF ECONOMY, TRANSPORT & ENVIRONMENT

DESIGNER	CAD	CHECKED	APPROVED
AB	AB	FN / FN	DR / DR

SCHEME: VERNHAM DEAN SCHOOL REPLACEMENT STP
JOB No. RJ511127.03

DRAWING TITLE: GENERAL ARRANGEMENT
HCC CAD PLOT: 01/9/2020 14:36:27

SCALE @ A1	DATE	SHEET NUMBER	DRAWING NUMBER	REV
1:200	15.07.2020	1 OF 1	C08102-ECH-ZZ-XX-DR-C-7600	C04

HCC CAD FILE: K:\Engi\Roads\Schemes\RJ\511127 Vernham Dean School\AutoCAD\General\C08102-ECH-ZZ-XX-DR-C-0000-DRAWINGS.dwg