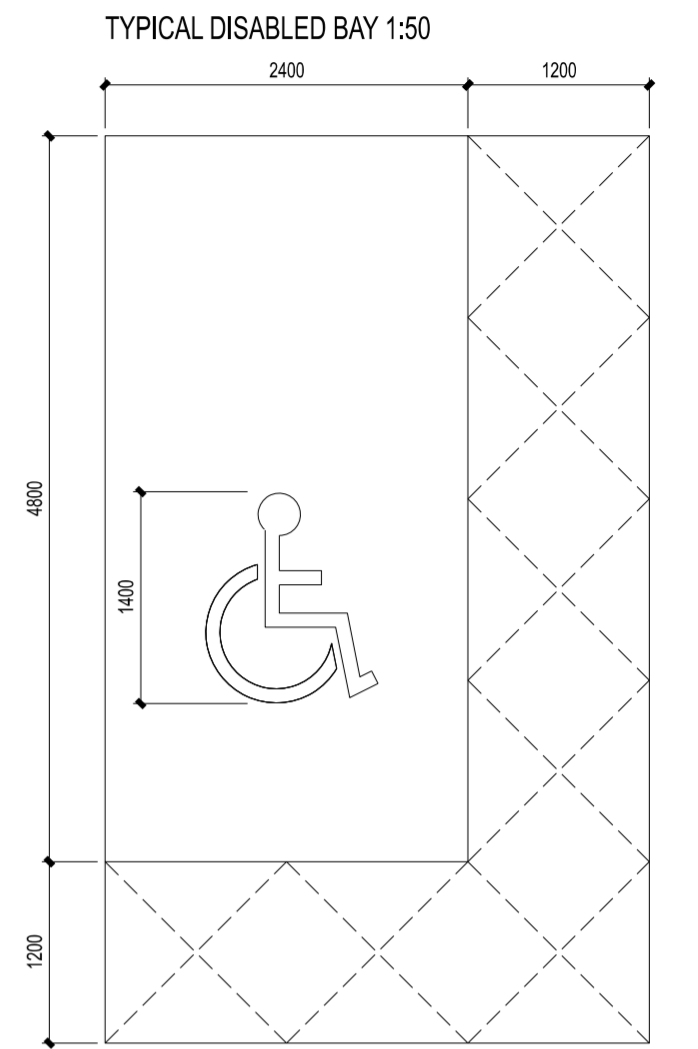
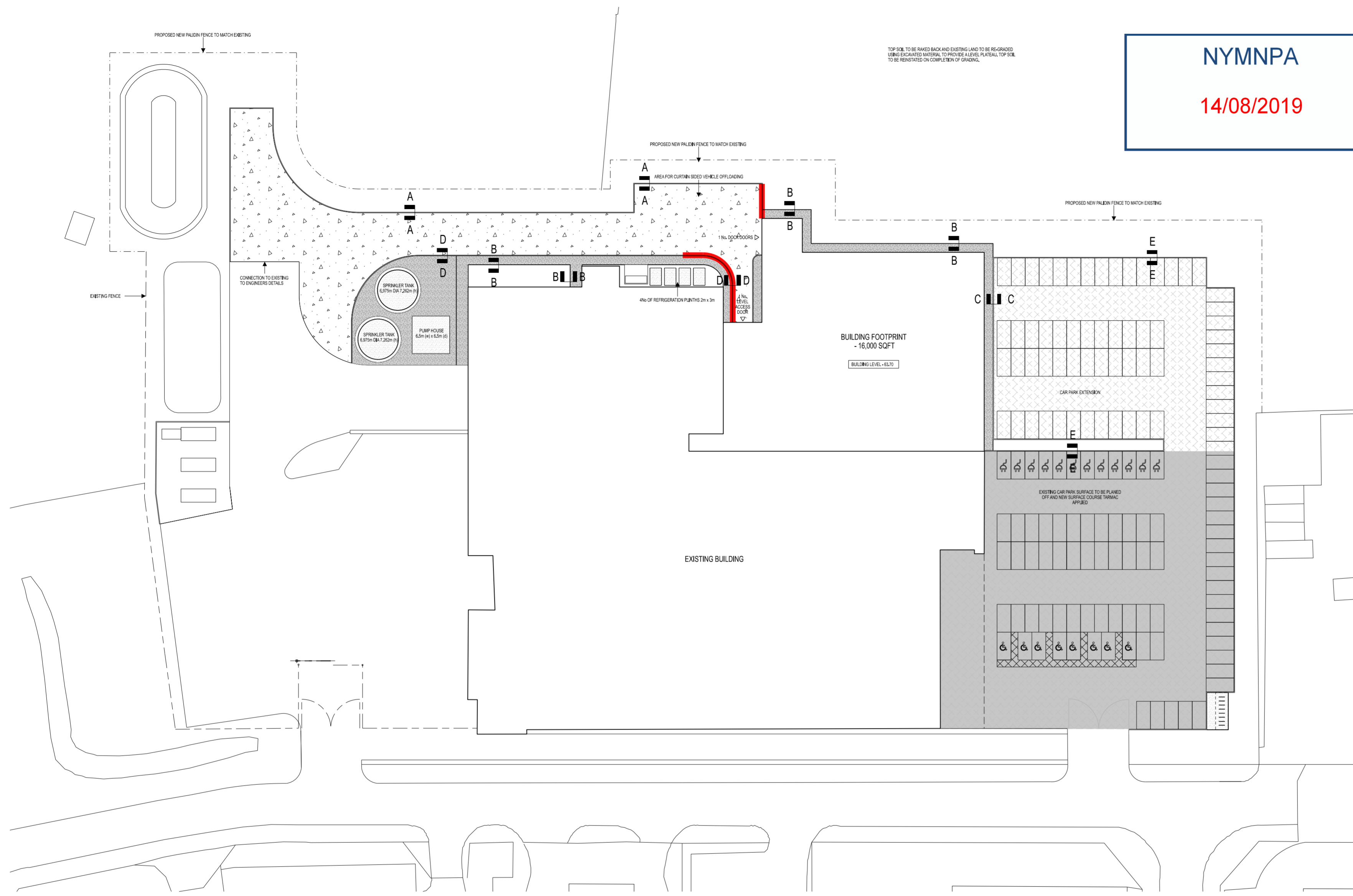


Notes:
 This drawing is the sole copyright of KPP Architects Ltd and reproduction in any form is forbidden unless permission is obtained in writing.
 Do not scale from this drawing. Any discrepancies on site should be brought to the attention of KPP Architects Ltd.
 Work and materials must comply with the current building regulations and codes of practice and be read in conjunction with building specifications and other sub-contractors information. All materials are to be installed in strict accordance with the recommendations of the manufacturers.

NYMNP
 14/08/2019

TOP SOIL TO BE RAKED BACK AND EXISTING LAND TO BE RE-GRADED USING EXCAVATED MATERIAL TO PROVIDE A LEVEL PLATEAU. TOP SOIL TO BE REINSTATED ON COMPLETION OF GRADING.



- TARMAC (TO ENGINEER SPECIFICATION)
- EXISTING TARMAC
EXISTING CAR PARK SURFACE TO BE PLANED OFF AND NEW SURFACE COURSE TARMAC APPLIED
- CONCRETE YARD
- CONCRETE BASE
- GRAVEL PATH
- RETAINING WALL

Rev	Description	By	Chkd	Date

Client
MARSHALLS (BUILDING CONTRACTORS) LTD

Project Title
WHITBY SEAFOODS

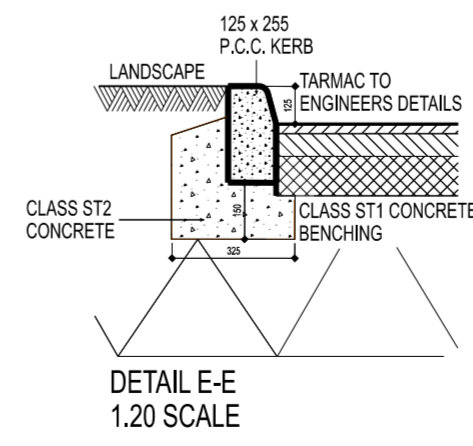
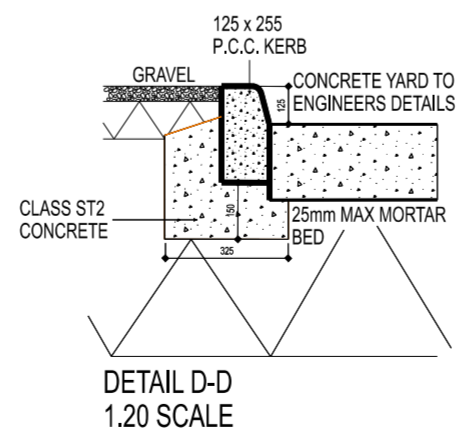
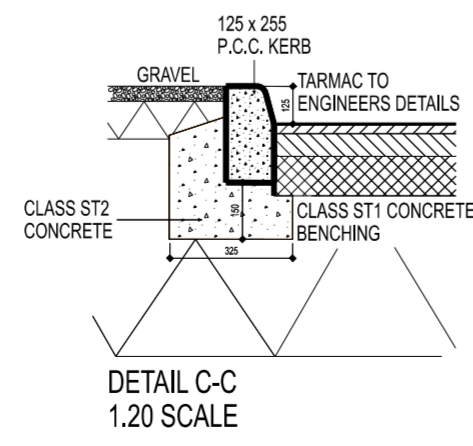
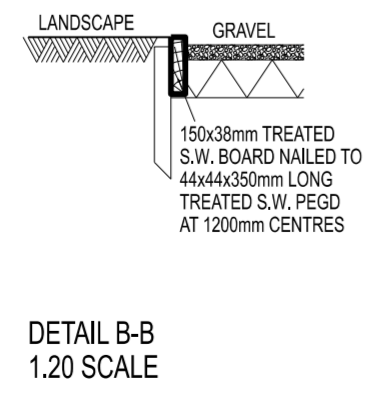
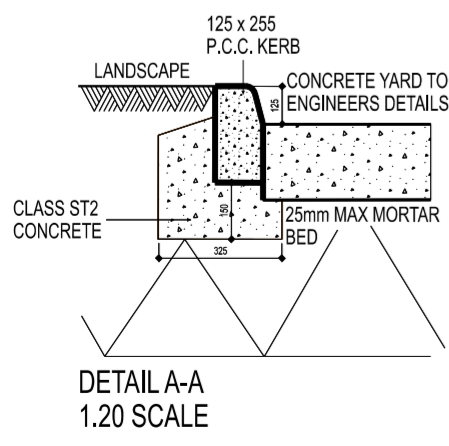
Drawing Title
EXTERNAL WORKS

KPP ARCHITECTS
 Lodge House
 12 Town Street
 Horsforth, Leeds LS184RJ

Scale	Size	Date	Drawn	Checked
1:500	A2	AUG'19	DR	.

Status
CONSTRUCTION

KPP Job No 2231	Rev .
Number 3012	



NYMNP

14/08/2019

SEWER AND DRAIN TESTING

ALL SEWERS AND DRAINS CONSTRUCTED AS PART OF THE CONTRACT SHALL BE TESTED AFTER THEY ARE JOINED AND BEFORE ANY CONCRETE OR BACKFILLING IS COMMENCED, OTHER THAN SUCH AS MAY BE NECESSARY FOR STRUCTURAL STABILITY WHILST UNDER TEST

TESTING SHALL BE IN ACCORDANCE WITH SIA AND BS EN 1610

TESTING OF PIPES UP TO AND INCLUDING 750mm NOMINAL DIAMETER SHALL BE BY MEANS OF AN AIR OR WATER TEST FOR PIPES LARGER THAN 750mm NOMINAL DIAMETER A VISUAL EXAMINATION SHALL BE CARRIED OUT

A FURTHER TEST SHALL BE CARRIED OUT AFTER THE BACKFILLING IS COMPLETE

ADDITIONAL TESTING MAY BE REQUIRED AS INSTRUCTED BY THE WATER COMPANY AND/OR HIGHWAYS INSPECTOR/REPRESENTATIVE

AIR TESTS SHALL BE CARRIED OUT IN ACCORDANCE WITH SIA SECTION 5.7.4 AND BS EN 1610

WATER TESTS SHALL BE CARRIED OUT IN ACCORDANCE WITH SIA SECTION 5.7.5 AND BS EN 1610

VISUAL INSPECTIONS (CCTV SURVEY) SHALL BE CARRIED OUT BY A QUALIFIED AND APPROVED CONTRACTOR, AND IN ACCORDANCE WITH THE 'WATERWORKS MODEL CONTRACT DOCUMENT FOR SEWER CONDITION INSPECTIONS'

THE FOUL WATER RISING MAIN SHALL BE PRESSURE TESTED BY THE M&E CONTRACTOR AND CERTIFICATION PROVIDED TO THE WATER COMPANY A REPRESENTATIVE FROM THE WATER COMPANY MAY NEED TO BE PRESENT DURING THE TESTING THE CONTRACTOR SHALL LIASE WITH THE WATER COMPANY INSPECTOR AS TO THESE REQUIREMENTS

KEY

- EXISTING FW DRAINS/SEWERS
- EXISTING SW DRAINS/SEWERS
- PROPOSED FW DRAINS/SEWERS
- PROPOSED SW DRAINS/SEWERS
- PROPOSED FW MANHOLE
- PROPOSED SW MANHOLE
- RWP PROPOSED DOWN PIPE SIZE & LOCATION TBC, BY OTHERS
- PROPOSED DRAINAGE CHANNEL SPECIFICATION AS NOTED ON PLAN LAYOUT
- G PROPOSED ROAD GULLY
- 62.500 EXISTING TIE IN LEVELS
- 62.500 PROPOSED LEVELS

GENERAL NOTES

1. ALL MATERIALS AND WORKMANSHIP IS TO COMPLY WITH JPG CONSULTANTS STANDARD SPECIFICATION & ALL RELEVANT BRITISH & EUROPEAN STANDARDS.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, M & E CONSULTANTS AND JPG CONSULTANTS DRAWINGS.
3. ANY DISCREPANCIES SHOULD BE REPORTED TO THE ENGINEER IMMEDIATELY SO THAT CLARIFICATION CAN BE SOUGHT PRIOR TO COMMENCEMENT OF WORKS.

DRAINAGE NOTES

1. ALL BUILDING DRAINAGE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH BS EN 752:2008 DRAINAGE AND SEWER SYSTEMS OUTSIDE BUILDINGS, THE CURRENT BUILDING REGULATIONS AND THE LOCAL AUTHORITY BUILDING CONTROL SPECIFICATIONS AND REQUIREMENTS.
2. ANY DRAINAGE TO BE PUT FORWARD FOR ADOPTION EITHER WITHIN THE SITE OR OUTSIDE SHALL BE CONSTRUCTED TO SEWERS FOR ADOPTION LATEST EDITION AND ANY SPECIFIC REQUIREMENTS OF THE ADOPTING SEWERAGE/WATER AUTHORITY.
3. THE LOCATION, SIZE AND DEPTH OF ALL EXISTING DRAINS/SEWERS AND SERVICES SHALL BE ESTABLISHED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORKS ON SITE. ANY DISCREPANCIES FROM THE INFORMATION INDICATED ON THESE DRAWINGS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
4. THE CONTRACTOR SHALL ALLOW FOR THE PROTECTION, TEMPORARY AND PERMANENT SUPPORT AND DIVERSION WORKS AS NECESSARY, TO ALL EXISTING SERVICES TO THE SATISFACTION OF THE UTILITY COMPANIES.
5. THE CONTRACTOR SHALL ALLOW FOR DEALING WITH SURFACE WATER RUN OFF INTO EXCAVATIONS AND FROM GROUNDWATER BY MEANS OF SUMPS, PUMPING AND DE WATERING AS APPROPRIATE, IN ORDER TO KEEP THE EXCAVATION AS REASONABLY DRY AS POSSIBLE DURING THE CONSTRUCTION OF THE WORKS.
6. ALL LEVELS AND DIMENSIONS SHALL BE VERIFIED ON SITE PRIOR TO THE COMMENCEMENT OF ANY WORKS. ANY DISCREPANCIES SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
7. THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS IN LINE WITH CURRENT LEGISLATION WHEN WORKING IN NARROW CONFINED SPACES, DEEP EXCAVATIONS AND MACHINERY.
8. THE CONTRACTOR SHALL ALLOW FOR OBTAINING ALL APPROVALS FROM THE RELEVANT AUTHORITIES WHEN WORKING IN THE PUBLIC HIGHWAY AND ON THE SEWERAGE SYSTEM.
9. THE CONTRACTOR SHALL SUITABLY PROTECT PEDESTRIANS AND VEHICLES FROM WORKING AREAS.
10. ALL PIPES SHALL BE LAID WITH LEVEL SOFFITS AND ALL MANHOLE/INSPECTION CHAMBER INVERT LEVELS SHOWN ARE FOR THE OUT GOING PIPE (UNLESS OTHERWISE INDICATED IN THE DRAWINGS). PIPE RUNS SHALL BE LAID TO THE INVERT LEVELS AS DETAILED ON THE CONTRACT DRAWINGS. (NOTE THAT ALL PIPE GRADIENTS INDICATED ON THE DRAWINGS ARE APPROXIMATE).
11. ALL RAINWATER PIPES AND INTERNAL FOUL DRAIN CONNECTIONS POINTS ARE TO BE SIZED & POSITIONED AS SHOWN ON THE ARCHITECTS DRAWINGS. THE CONTRACTOR SHALL SUPPLY SUITABLE ADAPTORS AT PROPOSED GROUND LEVELS OR FINISHED FLOOR LEVEL TO ALLOW CONNECTION OF THE ABOVE GROUND DRAINAGE SYSTEM. (DETAILS OF THE ABOVE GROUND DRAINAGE SYSTEM AND ADAPTORS ALL BY OTHERS).
12. UPON COMPLETION OF THE DRAINAGE WORKS THE CONTRACTOR SHALL CLEAN ALL DRAIN RUNS BY JETTING AND REMOVE ALL DEBRIS FROM SITE. NO DEBRIS SHALL BE PERMITTED TO ENTER THE PUBLIC SEWER AND/OR WATERCOURSE SYSTEM. ONCE THE DRAINAGE SYSTEM HAS BEEN FULLY CLEANED OUT A CCTV CAMERA CONDITION SURVEY SHALL BE UNDERTAKEN TO ALL CONSTRUCTED DRAINAGE AND SEWER PIPES WITH THE FOOTAGE ISSUED TO THE ENGINEER FOR VIEW. THE AS BUILT INVERT AND COVER LEVELS SHALL BE RECORDED BY THE CONTRACTOR AND PASSED ON TO THE ENGINEER FOR REVIEW.

POND DETAILS
 TOP OF POND = 63.100
 TOP WATER LEVEL = 62.800
 BASE LEVEL = 61.300
 EXCLUDING 300mm FREEBOARD
 POND VOLUME = 300m³

SWMH-10
 CL 63.000
 IL 61.260
 Dp 1.740m

SWMH-10 TO HAVE FLOW CONTROL DEVICE RESTRICTION TO BE 3 L/S

SWMH-09
 CL 62.915
 IL 61.380
 Dp 1.535m

SWMH-07
 CL 62.790
 IL 61.800
 Dp 0.990m

SWMH-08
 CL 62.950
 IL 61.422
 Dp 1.528m

SWMH-06
 CL 62.730
 IL 61.790
 Dp 0.960m

SWMH-05
 CL 64.000
 IL 61.736
 Dp 2.264m

SWMH-01
 CL 63.500
 IL 62.590
 Dp 0.910m

SWMH-04
 CL 63.670
 IL 61.950
 Dp 1.720m

SWMH-03
 CL 63.550
 IL 62.050
 Dp 1.500m

SWMH-02
 CL 63.670
 IL 62.190
 Dp 1.480m

INTERCEPTOR No.	CATCHMENT AREA (m2)
①	1350
②	1200

NOTES
 INTERCEPTORS TO HAVE 50mm STEP ACROSS INVERT & TO BE TYPE 1 BYPASS SEPARATORS.
 INTERCEPTORS TO BE PROVIDED WITH AN OIL LEVEL MONITOR & ALARM. CONTRACTOR TO PROVIDE ELECTRIC SUPPLY TO MONITOR.
 INTERCEPTOR SUPPLIER MUST BE ON THE ENVIRONMENT AGENCY'S APPROVED LIST OF COMPLIANT MANUFACTURERS IN ACCORDANCE WITH THE 'CONSTRUCTION PRODUCTS REGULATIONS' 1991 AND PPG3.

INTERCEPTOR TABLE

REV	DESCRIPTION	DATE	BY

Project
WHITBY SEAFOODS, WHITBY

Drawing Title
DRAINAGE LAYOUT

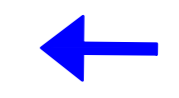
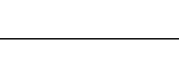







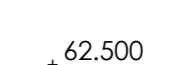


WORK IN PROGRESS

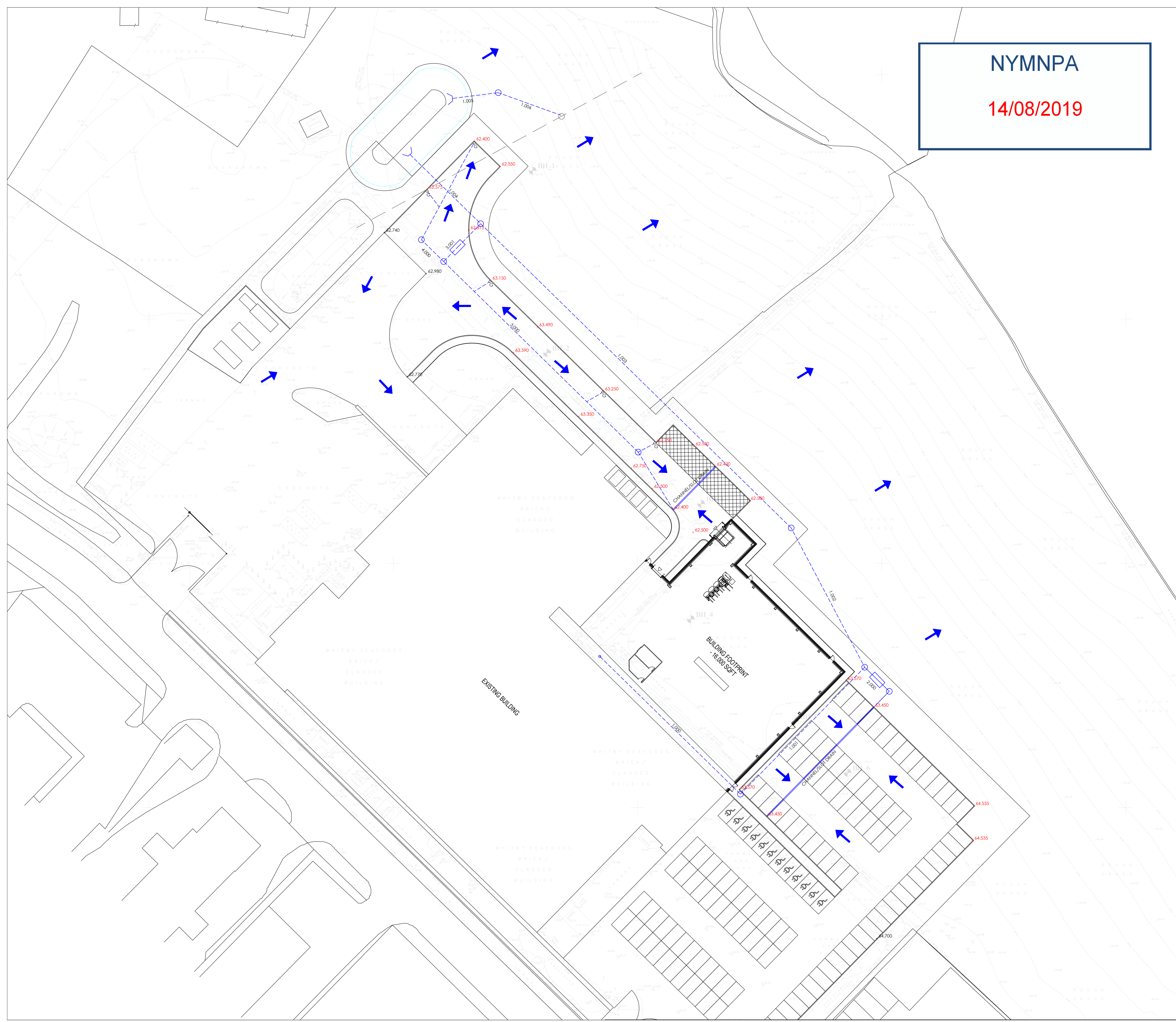
Architect



JPG Project Ref	Scale of A0	Date	Checked	Drawn
4316	1:250	AS/19	MSP	BT

NYMNP
14/08/2019

- KEY**
-  EXCEEDANCE FLOW PATHS
 -  EXISTING FW DRAINS/SEWERS
 -  EXISTING SW DRAINS/SEWERS
 -  PROPOSED FW DRAINS/SEWERS
 -  PROPOSED SW DRAINS/SEWERS
 -  PROPOSED FW MANHOLE
 -  PROPOSED SW MANHOLE
 -  PROPOSED SYPHONIC DOWN PIPE
SIZE & LOCATION TBC, BY OTHERS
 -  PROPOSED DRAINAGE CHANNEL
SPECIFICATION AS NOTED ON PLAN
LAYOUT
 -  PROPOSED ROAD GULLY
 -  EXISTING TIE IN LEVELS
 -  PROPOSED LEVELS



REV	DESCRIPTION	DATE	BY
P01	FIRST ISSUE	09.08.19	BT

Project
WHITBY SEAFOODS,
WHITBY

Drawing Title
EXCEEDANCE PLAN

WORK IN PROGRESS

Architect



JPG Project Ref 4316	Scale of A0 1:250	Date ASD/19	Checked MOP	Drawn BT
4216 - JPG - SW - XX - M2 - C - 1401				SO P01