

DRAINAGE NOTES

SW1.0  
1500mmØ PRECAST CONCRETE CATCH PIT WITH 2500Ø X200mm THICK BASE SLAB WITH A393 MESH TOP. PROVIDE 900x900mm Ø400 COVER GRATE.  
CL = 2.350

SW1.1  
1500mmØ PRECAST CONCRETE CATCH PIT WITH 2500Ø X200mm THICK BASE SLAB WITH A393 MESH TOP. PROVIDE 900x900mm Ø400 COVER GRATE.  
CL = 2.350

SW1.2  
1500mmØ PRECAST CONCRETE CATCH PIT WITH 2500Ø X200mm THICK BASE SLAB WITH A393 MESH TOP. PROVIDE 900x900mm Ø400 COVER GRATE.  
CL = 2.350

SW2.0  
600mmØ PRECAST CONCRETE INSPECTION CHAMBER WITH 1200Ø x200mm THICK BASE SLAB WITH A393 MESH TOP. PROVIDE Ø400 COVER.  
CL = 2.608

SW2.1  
600mmØ PRECAST CONCRETE INSPECTION CHAMBER WITH 1200Ø x200mm THICK BASE SLAB WITH A393 MESH TOP. PROVIDE Ø400 COVER.  
CL = 2.608

SW2.2  
600mmØ PRECAST CONCRETE INSPECTION CHAMBER WITH 1200Ø x200mm THICK BASE SLAB WITH A393 MESH TOP. PROVIDE Ø400 COVER.  
CL = 2.608

SW2.3  
1200mmØ PRECAST CONCRETE CATCH PIT WITH 1800Ø x200mm THICK BASE SLAB WITH A393 MESH TOP. PROVIDE Ø400 COVER.  
CL = 2.608

SW3.0  
600mmØ PLASTIC INSPECTION CHAMBER WITH 1200Ø x150mm THICK BASE SLAB WITH A393 MESH TOP. PROVIDE Ø400 COVER.  
CL = 2.7125

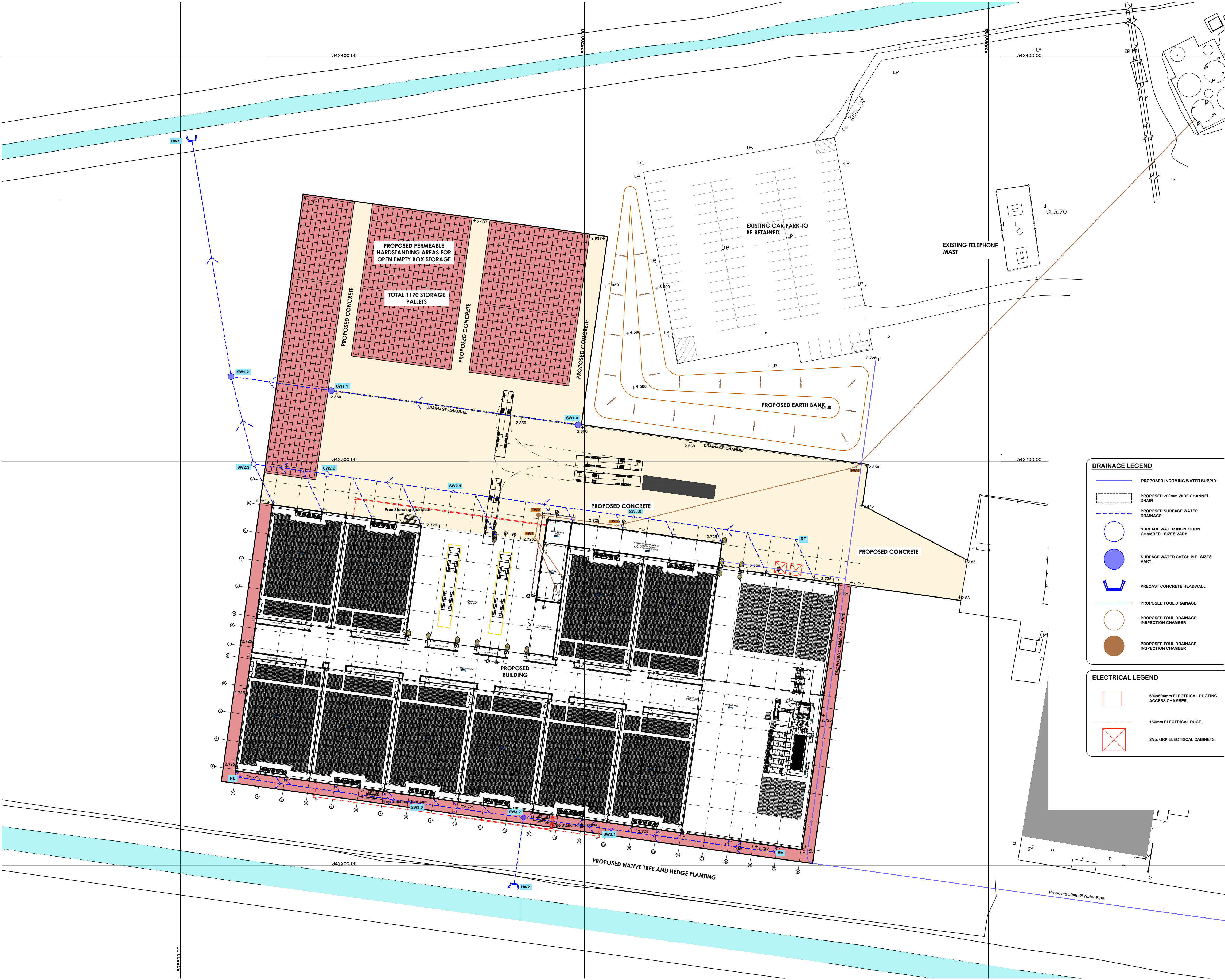
SW3.1  
600mmØ PLASTIC INSPECTION CHAMBER WITH 1200Ø x150mm THICK BASE SLAB WITH A393 MESH TOP. PROVIDE Ø400 COVER.  
CL = 2.7125

SW3.2  
1200mmØ PLASTIC INSPECTION CHAMBER WITH 1800Ø x200mm THICK BASE SLAB WITH A393 MESH TOP. PROVIDE Ø400 COVER.  
CL = 2.7125

HW1  
UNRESTRICTED DISCHARGE INTO IDB DITCH. PROVIDE ALTHON H3C PRECAST CONCRETE HEADWALL. INSTALLED TO FOLLOW BANK PROFILE ON 500mm TYPE 1 FILL WITH 75mm SAND CEMENT BED. PROVIDE LOCKABLE DEBRIS GRILL OVER PIPE OUTLET AND NON RETURN FLAP VALVE.  
IL = 1.45

HW2  
UNRESTRICTED DISCHARGE INTO IDB DITCH. PROVIDE ALTHON H3C PRECAST CONCRETE HEADWALL. INSTALLED TO FOLLOW BANK PROFILE ON 500mm TYPE 1 FILL WITH 75mm SAND CEMENT BED. PROVIDE LOCKABLE DEBRIS GRILL OVER PIPE OUTLET AND NON RETURN FLAP VALVE.  
IL = 1.55

FW1-FW4  
150mm OUTFALL FROM WASHDOWN AREA TO 450mmØ PLASTIC INSPECTION CHAMBER BEFORE OUTFALL. TO PACKAGE PUMPING CHAMBER. WITH 2x 450mmØ PLASTIC INSPECTION CHAMBERS AT EACH CHANG IN DIRECTION. PUMP CHAMBER TO BE CONTRACTOR DESIGNED TO THE FOLLOWING CRITERIA:  
RISE 1.0m  
PUMPED FLOW: 2L/SECOND  
PUMPED OUTFALL TO EXISTING SETTLEMENT POND



DRAINAGE LEGEND

PROPOSED INCOMING WATER SUPPLY

PROPOSED 200mm WIDE CHANNEL DRAIN

PROPOSED SURFACE WATER DRAINAGE

SURFACE WATER INSPECTION CHAMBER - SIZES VARY.

SURFACE WATER CATCH PIT - SIZES VARY.

PRECAST CONCRETE HEADWALL

PROPOSED FOUL DRAINAGE

PROPOSED FOUL DRAINAGE INSPECTION CHAMBER

PROPOSED FOUL DRAINAGE INSPECTION CHAMBER

ELECTRICAL LEGEND

600x600mm ELECTRICAL DUCTING ACCESS CHAMBER.

150mm ELECTRICAL DUCT.

2No. GRP ELECTRICAL CABINETS.

Notes:

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All dimensions are in millimetres unless stated otherwise.

It is recommended that information is not scaled off this drawing.

This drawing should be read in conjunction with all other relevant information, specifications & schedules.

If this drawing is received electronically it is the recipients responsibility to print the document at the correct scale.

All dimensions to be checked on site prior to commencing work and any discrepancies to be advised immediately.

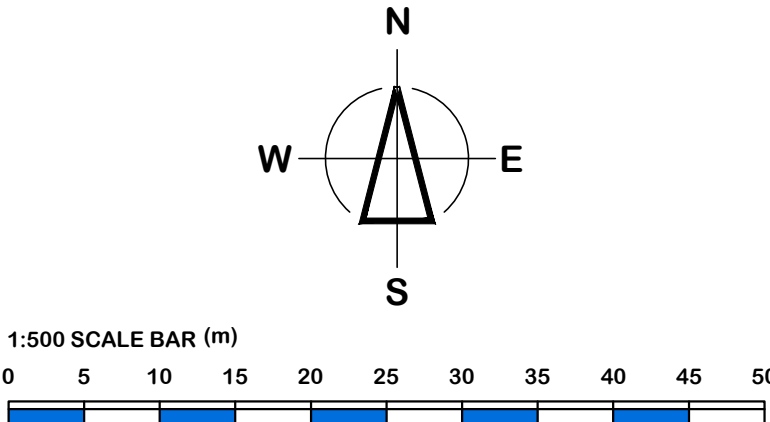
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David Trundley Design Services Ltd are responsible for the 'Architectural' design of the elements included on this drawing only.

Architectural design has been carried out with due consideration for the safety during construction, occupation and maintenance of the finished structure.

The works contain no extraordinary hazards or risks that are not present during routine construction operations that would not readily be apparent to a competent contractor.

This information should be included as part or commencement of the Health and safety file for the project.



\* NB: ALL PROPOSED SITE AND FLOOR LEVELS TO MATCH EXISTING LEVEL HEIGHTS. ALL LEVELS ABOVE GROUND LEVEL WILL MATCH EXISTING.

PROPOSED LEGEND

PROPOSED CONCRETE APRON SLAB COMPRISING 200mm THICK PAV 2 CONCRETE SLAB WITH 2 LAYERS A352 MESH MIDDLE TO SPAN OVER ANY SOFT SPOTS GENERATED AT THE INTERFACE WITH THE FIELD BUILDING. SLAB CAST OVER 1000g CURING MEMBRANE OVER NOMINALLY BLINDED 200mm THICKNESS OF TYPE 1 (OR EQUIVALENT) OVER UNDISTURBED SANDS. PROVIDE CLASS 6/2 CAPPING AS NECESSARY TO MAKE UP LEVELS. ALL FILL AND PROOF ROLLING IN ACCORDANCE WITH SPECIFICATION FOR HIGHWAY WORKS. SLABS TO BE LIGHTLY TAMPED WITH GROOVES FOLLOWING FALL. PROVIDE 1.0m LONG HTG DIAGONAL ANTI-CRACK BARS AT ALL PENETRATIONS THROUGH THE SLAB SUCH AS GULLIES AND MANHOLE COVERS. INDUCED JOINTS AT MAXIMUM 6.0m CENTRES.

PROPOSED PERMEABLE PATHWAY AND STORAGE AREA FOR OPEN EMPTY BOXES. SURFACE TO COMPOSE OF MINIMUM 200mm THICK CLASS 6/2 WITH 50mm ASPHALT.

PROPOSED NATIVE TREE AND HEDGE PLANTING

|           |      |                       |
|-----------|------|-----------------------|
| no.       | date | amendment description |
| Revisions |      |                       |

Drawing Status: **PLANNING**

**trundley**  
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PROPOSED EXTERNAL WORKS PLAN  
SCALE: 1:500

Project Title:

**ALBERT BARTLETT  
KIRTON HOLME  
BOSTON  
LINCOLNSHIRE  
PE20 1TT**

PROPOSED COLD STORE BUILDING

Drawing Title:

**PROPOSED EXTERNAL WORKS PLAN**

Scale: **AS STATED @ A1** Date: **MARCH 2024** Drawn: **CML**

Drawing Number: **24-L03-PL004** Revision:

Checked by: Date:

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