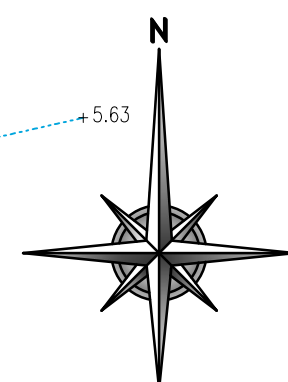


	EXPANSION JOINT
	CONTRACTION (FORMED) JOINT
	CONTRACTION (SAWN) JOINT
	INDUCED JOINT
	ISOLATION JOINT
	DRAINAGE CHANNEL JOINT (REFER TO SPECIFIC DETAIL)

CONCRETE JOINT POSITIONS TO BE
DISCUSSED & AGREED WITH CONTRACTORS

$ \begin{array}{r} + 3.67 \\ \hline + \boxed{3.000} \\ \hline 1:150 \text{ FALL} \rightarrow \end{array} $	EXISTING SITE LEVEL PROPOSED SITE LEVEL PROPOSED SURFACE FALL
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	PROPOSED IMPERMEABLE TARMAC SURFACE
	PROPOSED IMPERMEABLE CONCRETE YARD SURFACE
	PROPOSED PERMEABLE GRASSCRETE SURFACE



CONCRETE HARDSTANDING GENERAL NOTES

1. ALL TOP SOIL, SOFT MATERIALS AND VEGETATION SHALL BE REMOVED PRIOR TO CONSTRUCTION OF GROUND SLAB. CONTRACTOR TO ENSURE SUBGRADE/CAPPING LAYER ACHIEVES A CBR OF 15%. CONTRACTOR TO INCLUDE FOR ON SITE TESTING.
2. IMMEDIATELY PRIOR TO THE LAYING OF THE SUB-BASE, THE FORMATION LEVEL SHOULD BE PREPARED AS FOLLOWS:-
 - a. SURFACE LEVEL TOLERANCE SHOULD BE WITHIN +20mm AND -30mm.
 - b. ANY SOFT AREAS SHALL BE REMOVED, AND REPLACED WITH APPROVED COMPACTED GRANULAR MATERIALS.
 - c. THE FORMATION SHALL BE PROOF ROLLED.
3. THE SUB-BASE SHALL BE DOT TYPE (1) MATERIAL OR OTHER SIMILAR GRANULAR MATERIAL APPROVED BY THE ENGINEER IN WRITING. THEY SHALL BE COMPACTED IN ACCORDANCE WITH PART 3 CL 802 OF DOT SPECIFICATIONS FOR HIGHWAY WORKS. THE SUB-BASE SHALL BE BLUNDED WITH FINE MATERIAL AND LEVELLED READY TO RECEIVE 1200 GAUGE POLYTHENE SHEETING WHICH WILL BE LAPPED BY MIN. OF 150mm. THE SHEETING SHALL BE PROTECTED FROM PERFORATION AND PLACED AS LATE AS POSSIBLE BEFORE CONCRETING. ALL SUB-BASE GRANULAR MATERIAL SHALL BE NON-FROST SUSCEPTIBLE, AS USED IN THE ROAD RESEARCH LABORATORY SUPPLEMENTARY REPORT NO. 829.
4. ALL CONCRETING MATERIALS, WORKSMANSHIP & OPERATIONS, INCLUDING SAMPLING & TESTING SHALL BE CARRIED OUT IN ACCORDANCE WITH BS 8110, BS 1881 & BS 5328. CONCRETE TO BE GRADE C28/35 WITH 5% AIR ENTRAINMENT.
5. ALL SIDE FORMS ARE TO BE STEEL WITH SQUARE CORNERS AND LEVELLED. PRECAST SCREED RAILS SHOULD NOT BE USED WITHOUT WRITTEN APPROVAL FROM THE ENGINEER.
6. ALL MESH REINFORCEMENT TO HAVE A MINIMUM LAP OF 300mm.
7. DOWEL BARS SHOULD BE SAWN AND NOT CROPPED. THEY SHOULD BE HORIZONTAL AND SQUARE TO THE SIDE FORM.
8. EXTERNAL SLAB FINISH TO BE BRUSHED FINISH UNLESS OTHERWISE AGREED WITH THE CLIENT.
9. COVER TO REINFORCEMENT TO BE 50mm U.N.O.
10. IMMEDIATELY AFTER CASTING, CONCRETE IS TO BE CURED FOR A MINIMUM OF 7 DAYS BY POLYTHENE SHEETING PROPERLY HELD DOWN AT THE EDGES.
11. WHERE JOINT SEALANTS ARE SPECIFIED THEY SHALL BE PLACED AS LATE AS POSSIBLE TO ALLOW JOINTS TO OPEN TO THEIR MAXIMUM.
12. CONTRACTOR TO VERIFY ALL SITE DIMENSIONS BEFORE COMMENCING WORK OR PREPARING SHOP DRAWINGS.
13. ALL CUT BARS IN EXISTING OR NEW CONCRETE TO BE SEALED WITH SIKAFERROGUARD 9030 TO MANUFACTURERS' RECOMMENDATIONS.

APPROX. LOCATION OF BOTH
SURVEYED HYDRANT MARKER,
AND 'END OF ROUTE' BIKE POST
TO BE RELOCATED, POSITION TO
BE AGREED WITH LCC HIGHWAYS

APPROX. LOCATION OF
SURVEYED STREET LIGHT

EXISTING GRASS VERGE
EXISTING 2.5m PATH

PROPOSED BUILDING

PROPOSED FFL 3.550

warehouse – approx. 2024m2

PLEASE REFER TO ARCHITECTS DRAWINGS FOR
CONFIRMATION OF ALL WALL/SETTING OUT
DIMENSIONS PRIOR TO COMMENCING OF WORKS

THIS DRAWING MUST BE READ IN CONJUNCTION
WITH ALL RELEVANT DRAWINGS & STRUCTURAL
CALCULATIONS

[illegible]

**SHIELDS
WILSON**
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STRUCTURAL AND CIVIL ENGINEERING

STATUS	FOR TENDER
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CLIENT	BUFFALOAD LOGISTICS LTD
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PROJECT	PROPOSED NEW WAREHOUSE ELSOMS WAY, SPALDING, PE11 3BG
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TITLE	PROPOSED SURFACING ARRANGEMENT – WHOLE SITE
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DATE	JUL. '24	SCALE @A1 1:250	DRAWING NO. SW24-217-114	REV. -
DRAWN	MRB			