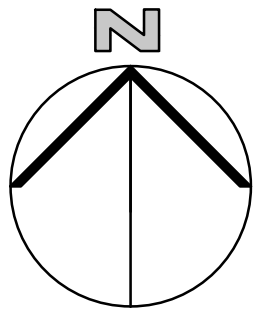


SITE PLAN
1:100



KING POST WALL NOTES

- STEEL POSTS
 - ALL NEW STEEL TO BE GRADE S355 TO BS EN 10025 AND HOT DIP GALVANISED. ZINC COATING TO BE MINIMUM 200µm
 - THE FABRICATOR IS TO DESIGN AND DETAIL ALL CONNECTIONS NOT SHOWN ON CONISBEE DRAWINGS.
 - STEEL POSTS ARE TO BE 254x254x89 UC SECTIONS AND SET IN CONCRETE PILES.
 - STEEL HEIGHT ABOVE GROUND IS TO BE 2000mm.
 - SPACING OF NEW STEEL POSTS IS TO BE 2650mm U.N.O.
 - WHERE RIGHT ANGLES ARE FORMED IN THE KING POST WALL (i.e. AT CORNERS AND WHERE THE BAY DIVIDERS ARE LOCATED), A 230x90x32 PFC SECTION WILL BE WELDED TO THE FLANGE OF THE UC SECTION. WELD TO BE 6mm CFW ALONG ALL EDGES.
 - BAY DIVIDER WALLS TO BE 2000mm HIGH ABOVE GROUND TO MATCH EXTERNAL WALLS.
 - UC SECTIONS AT ENDS OF BAY DIVIDER WALLS TO BE EMBEDDED TO SAME SPECIFICATIONS AS UC SECTIONS WITHIN THE WALLS.
- PILES
 - PILES FOR UC SECTIONS TO BE EMBEDDED IN ARE CONTRACTOR DESIGN PORTION. CONTRACTOR TO CONSULT SI REPORT AND UNDERTAKE THEIR OWN VERIFICATION CHECKS BEFORE SUBMITTING THEIR DESIGN TO THE SE FOR COMMENT.
 - PILES TO BE DESIGNED FOR 180kN UNFACTORED LATERAL LOAD ON THE PILE HEAD.
 - PROVISIONALLY ALLOW FOR UP TO 6000mm EMBEDMENT LENGTH FOR UC SECTIONS IN PILES. TO BE ADJUSTED PRO RATA FOLLOWING CONTRACTOR'S DESIGN.
- CONCRETE PANELS & TIMBER SLEEPERS
 - A PRECAST CONCRETE PANEL IS TO BE PLACED AT THE BASE OF EACH NEW WALL BAY, MEASURING 1000mm TALL, 150mm THICK, AND 2600mm LONG.
 - SEVERAL SHORTER PANELS CAN BE USED INSTEAD OF A SINGLE 1000mm TALL PANEL. WHERE BAYS ARE SHORTER, SHORTER PANELS SHOULD BE SOURCED, ALLOWING FOR 50mm TOLERANCE IN LENGTH FOR INSERTING INTO BAY. LONGER PANELS MAY BE CUT ON SITE SUBJECT TO MANUFACTURER'S APPROVAL.
 - PRECAST CONCRETE PANEL TO BE SOLID REINFORCED CONCRETE ELEMENT WITH CAPACITY TO SUPPORT 44kN/m² UNFACTORED SURCHARGE LOAD. PANEL TO HAVE CAPACITY FOR LOADING FROM ONE OR BOTH SIDES.
 - UNTREATED HARDWOOD TIMBER SLEEPERS ARE TO BE USED ABOVE THE CONCRETE PANEL, MEASURING 250mm TALL, 150mm THICK, AND 2600mm LONG. 4 no. TIMBER SLEEPERS PER WALL BAY. WHERE BAYS ARE SHORTER, TIMBER SLEEPERS CAN BE TRIMMED ON SITE TO SUIT BAY LENGTH.
 - TIMBER AND CONCRETE SLEEPERS ARE TO BE PACKED WITHIN THE FLANGES OF THE UC SECTION WITH A STRIP OF HARDWOOD TIMBER OF SUFFICIENT THICKNESS TO HOLD SLEEPERS SNUGLY IN PLACE AND ATTACHED TO ONE FLANGE OF THE UC SECTION USING SIKAFLEX 292i HIGH-STRENGTH MARINE ADHESIVE.
 - TIMBER SLEEPERS IN EXISTING KING POST WALL TO BE REMOVED AND REPLACED WITH A SINGLE CONCRETE PANEL MEASURING 1000mm TALL, 100mm THICK, AND 2600mm LONG AT THE BASE OF EACH WALL BAY AND TIMBER SLEEPERS ABOVE. THINNER CONCRETE PANEL REQUIRED TO ACCOMMODATE SMALLER SIZE OF EXISTING UC SECTIONS. ANY SOUND TIMBER SLEEPERS MAY BE REUSED. NOTES 3.2 AND 3.3 APPLY TO THINNER PANELS.
 - SHOULD NEW TIMBER SLEEPERS BE TOO THICK FOR THE EXISTING STEEL I-SECTIONS, A NOTCH CAN BE FORMED LOCALLY AT EACH END TO ENSURE A SNUG FIT WITHIN THE FLANGES.

LOCATION OF NEW POST/PILE

GENERAL NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALIST DRAWINGS AND SPECIFICATIONS
- DO NOT SCALE FROM THIS DRAWING IN EITHER PAPER OR DIGITAL FORM. USE WRITTEN DIMENSIONS ONLY.
- THE SHW ACRONYM REFERS TO THE MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS - VOLUME 1 SPECIFICATION FOR HIGHWAY WORKS.
- HEALTH & SAFETY: THE WORKS SHALL BE CARRIED OUT BY SPECIALIST COMPETENT AND EXPERIENCED CONTRACTORS WHO ARE MEMBERS OF A RECOGNISED NATIONAL ORGANISATION. OPERATIVES SHALL HAVE RECEIVED FULL AND APPROPRIATE TRAINING FOR THE OPERATIONS THEY ARE TO UNDERTAKE. ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH ALL PERTINENT HEALTH AND SAFETY REGULATIONS.

EXISTING SLAB NOTES

- FOLLOWING CLEARANCE OF EXISTING SLAB, SLAB TO BE INSPECTED BY DESIGN ENGINEER TO DETERMINE EXTENT OF PATCH REPAIRS REQUIRED.
- DAMAGED AREAS SHOULD BE SQUARE CUT.
- ADD ADDITIONAL COMPACTED TYPE 1 FILL MATERIAL TO INFILL ANY SOFT OR LOW SPOTS BENEATH REPAIR AREA AND PROVIDE A LEVEL SURFACE FOR CASTING.
- FIX PATCH REPAIR TO EXISTING SLAB WITH H10 DOWELS AT 300mm CENTRES AND HILTI HIT-HY 200-A ADHESIVE.
- PATCH REPAIR WITH C28/35 CONCRETE MADE LEVEL WITH SURROUNDING EXISTING SLAB.

T2	08.01.25	ISSUED FOR TENDER	EP	SW
T1	06.12.24	ISSUED FOR TENDER	EP	SW
Rev	Date	Description	Drawn	Check

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Drawing Status	
TENDER	
Project	Date DEC 2024
HORNIMAN MUSEUM COMPOST AREA	Scale: 50/100 @ A1
	Drawn EP
Title	Engineer EP
PHASE 1 WORKS	Project No 210881
Drawing No 210881-CON-XX-XX-DR-S-1000	Revision T2