

JOINT PREPARATION
RAKING OF JOINTS SHALL BE UNDERTAKEN USING HAND TOOLS ONLY. DEPTH FOR RAKING TO BE A MINIMUM OF 25MM MEASURED FROM EXTERNAL FACE. TOOLS ALLOWED FOR RAKING JOINTS INCLUDE: PIECE OF WOOD SHAPED TO FIT THE JOINTS
MEDIUM WEIGHT HAMMER

SCUTCH
PLUGGING CHISEL
HACKSAW BLADE FOR REMOVING LOOSE MORTAR FROM NARROW JOINTS
BRUSH FOR REMOVING LOOSE MORTAR
USE OF MECHANICAL EQUIPMENT (E.G. GRINDER) FOR RAKING OUT JOINTS IS PROHIBITED.
REMOVE ALL DUST AND LOOSE MATERIAL DEBRIS WITH A SOFT OR STIFF BRISTLE BRUSH AND THOROUGHLY FLUSHED OUT WITH CLEAN WATER, AVOIDING UNNECESSARY SATURATION.

MORTAR MIX
MIX RATIO: 1:3 LIME (HYDRAULIC LIME 3.5NHL) / SAND BY VOLUME (1.5 PARTS PLASTERER'S SAND AND 1.5 PARTS COURSER AGGREGATE) WATER QUANTITY: ONLY SUFFICIENT TO PRODUCE A WORKABLE MIX.

APPLICATION AND PLACEMENT OF MORTAR
SURFACES SHALL BE DAMPENED BEFORE PLACEMENT OF MORTAR TO AVOID UNDUE SUCTION TAKING TOO MUCH WATER TOO SOON FROM THE MORTAR.

MORTAR MAY BE PLACED USING A TRADITIONAL HAWK AND POINTING TROWEL (SLICKER) OR MODERN GUN APPLIED SYSTEM.

FOR GUN APPLIED SYSTEMS: MORTAR TO BE PLACED STRICTLY IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS. GUN APPLIED MORTAR MUST SUBSEQUENTLY BE PACKED WITH A POINTING KEY.

MORTAR MIX PROPORTIONS AS DESCRIBED ABOVE.

PROFILE: IF THE STONES OR BRICKS HAVE RETAINED THEIR SHARP ARRASES, FINISH THE JOINT-POINTING SO THAT IT IS FLUSH AND IS CONSISTENT IN APPEARANCE. IF WEATHERING HAS BLUNTED THE ARRASES CARE MUST BE TAKEN TO KEEP THE FACE OF THE NEW MORTAR WITHIN THE ORIGINAL JOINT WIDTH, HOWEVER FAR BACK THAT MAY BE.

FINISH: AFTER THE INITIAL SET HAS TAKEN PLACE MORTAR TO BE TAPED WITH A STIFF BRISTLE BRUSH TO EXPOSE THE AGGREGATE, TO COMPACTING THE JOINT AND TO MATCH IT TO ANY SURVIVING WEATHERED ORIGINAL MORTAR.
POINTING SHALL BE KEPT MOIST FOR A MINIMUM PERIOD OF SEVEN DAYS.

ADVERSE WEATHER
GENERAL: DO NOT USE FROZEN MATERIALS OR LAY ON FROZEN SURFACES.
AIR TEMPERATURE REQUIREMENTS: DO NOT CARRY OUT RE-POINTING:

- IN HYDRAULIC LIME/SAND MORTARS WHEN AT OR BELOW 5°C AND FALLING OR BELOW 3°C AND RISING.
 - IN PREMIXED LIME/SAND MORTAR WHEN OUTSIDE THE LIMITS SET BY THE MORTAR MANUFACTURER.
 - TEMPERATURE OF WALLING DURING CURING: ABOVE FREEZING UNTIL HARDENED.
 - NEWLY RE-POINTED WALLING: PROTECT AT ALL TIMES FROM:
 - RAIN AND SNOW.
 - DRYING OUT TOO RAPIDLY IN HOT CONDITIONS, EXCESSIVE SUNLIGHT AND IN DRYING WINDS.
- MORTAR ACCIDENTALLY SPREAD ON FACE OF STONES: ALLOW TO DRY BEFORE REMOVING WITH STIFF BRISTLED BRUSH. REMOVAL OF MARKS AND STAINS BY RUBBING AND HYDROCHLORIC ACID BASED SOLUTIONS ARE NOT PERMITTED.

STONES SHOULD ONLY BE REPLACED WHEN THEY AFFECT THE STRUCTURAL STABILITY AND FUNCTION OF THE SURROUNDING STONEMWORK.

A PROPER MATCHING OF THE PROPERTIES OF ANY REPLACEMENT STONE WILL PRODUCE A MORE SUCCESSFUL AND LONG-LASTING RESULT

THE ORIGINAL CONSTRUCTION NEEDS TO BE ACCURATELY STUDIED AND MEASURED TO RECORD THE PRECISE DIMENSIONS OF ANY STONES THAT NEED TO BE REPLACED.

CARE NEEDS TO BE EXERCISED WHEN CUTTING OUT ANY DECAYED STONE TO AVOID CHIPPING THE EDGES OF THE SURROUNDING STONES.

A REPUTABLE MASONRY CONTRACTOR SHOULD BE EMPLOYED TO DO THE WORK.

NO ATTEMPT SHOULD BE MADE TO ARTIFICIALLY WEATHER OR DISTRESS THE FINISHED SURFACE OF THE REPLACEMENT BLOCKS.

CONTRACTOR TO ENSURE THE FOLLOWING:

CDM REGULATIONS:

THE CONTRACTOR AND OWNER ARE EXPECTED TO UNDERSTAND THEIR OBLIGATIONS UNDER THE CDM REGULATIONS AND BE FULLY AWARE OF THEIR APPLICATION.

BUILDER/OWNER TO CONFIRM WITH 'HSE' WHETHER PROJECT IS DEEMED AS 'NOTIFIABLE'. IF SO AN APPROPRIATELY QUALIFIED PLANNING SUPERVISOR IS REQUIRED O BE EMPLOYED. CONTRACTOR TO COMPLY FULLY WITH THE CONSTRUCTION (DESIGN AND MANAGEMENT REGULATIONS) 2000 AND THE WORKPLACE (HEALTH AND SAFETY) REGULATIONS, AND ADVISE THE HEALTH AND SAFETY EXECUTIVE AND PLANNING SUPERVISOR AT ALL APPLICABLE STAGES BEFORE ANY APPROPRIATE WORK COMMENCES.

THE CDM REGULATIONS APPLY TO MOST COMMON BUILDING, CIVIL ENGINEERING AND ENGINEERING CONSTRUCTION WORK. YOU MUST NOTIFY HSE OF THE SITE IF THE CONSTRUCTION WORK IS EXPECTED TO EITHER:
· LAST LONGER THAN 30 DAYS; OR
· INVOLVE MORE THAN 500 PERSON DAYS OF CONSTRUCTION WORK.

CLIENT

MR. N. SILVANO
SANDFIELD ROAD
GATEACRE VILLAGE
LIVERPOOL

DATE

DEC 13

TITLE

SPECIFICATION / METHOD

REVISION

SCALE

1:50

DRAWING No.

NS.007

G A R Y
MORRIS
48 Queens Drive West Derby Liverpool L13 0AH
Tel: 0151 222 9008 Mob: 07786 362 196
E.MAIL gemorris@blueyonder.co.uk