



GENERAL NOTES

1. ALL FOUNDATIONS TO BE AS PER THE STRUCTURAL ENGINEERS DESIGN CALCULATIONS

2. FOUNDATIONS HAVE BEEN DESIGNED USING AN ALLOWABLE BEARING CAPACITY OF 150kN/m2

3. DEPTH OF ALL FOUNDATIONS TO BE AS PER STRUCTURAL ENGINEERS DESIGN & SPECIFICATION

4. ALL REINFORCEMENT IN FOUNDATIONS IS TO BE HIGH YIELD STEEL

5. COVER TO REINFORCEMENT TO BE 40mm U.N.O.

6. MINIMUM LAPS FOR REINFORCEMENT TO BE AS NOTED IN BS 8666: 2005

STEELWORK NOTES

1. ALL STEELWORK IS CE MARKED IN ACCORDANCE WITH OUR BS EN 1090-1 ACCREDITATION & ALL WELDING IS CARRIED OUT IN ACCORDANCE WITH THE APPROVED WELDING PROCEDURE IS CARRIED OUT IN ACCORDANCE WITH THE APPROVED WELDING PROCEDURE IS CARRIED OUT IN ACCORDANCE WITH THE APPROVED WELDING PROCEDURE OF ALCULATIONS AND SPECIFICATION

3. ALL STEELWORK TO BE GRADE S275 TO BS EN 10025 FOR HOT ROLLED SECTIONS AND GRADE S235 FOR COLD ROLLED HOLLOW SECTIONS

4. ALL WELDS TO BE 6mm FULL PROFILE FILLET WELD U.N.O.

5. ALL NUTS, BOLTS & WASHERS TO BE BZP (BRIGHT ZINC PLATED)

6. WHERE NOLTS & WASHERS TO BE GALVANISED TO BE GROUND FLUSH

6. WHERE NOLTS & WASHERS TO BE GALVANISED TO BE SE IN ISO 1461 AND SHOULD BE CARRIED OUT BY A MEMBER OF THE STEELWORK GALVANISERS ASSOCIATION. MINIMUM COATING THICKNESS TO BE 85µm DRY FILM THICKNESS (D.F.T.)

DRAINAGE - GENERAL

1. DRAINAGE TO THE SATISFACTION OF THE LOCAL AUTHORITY
1. DRAINAGE TO THE SATISFACTION OF THE NEW PRIOR TO THE FORMATION OF THE NEW CONNECTIONS
2. ALL EXISTING DRAINS TO BE EXPOSED FOR INSPECTION PRIOR TO THE FORMATION OF THE NEW CONNECTIONS
3. ALL SURFACE WATER CONNECTIONS ARE TO BE MIN. 110mmØ
4. DRAINAGE TO BE TESTED AND COMPLY WITH BS EN 1510: 1998
4. DRAINAGE TO BE TESTED AND COMPLY WITH THE CURRENT SCOTTISH BUILDING STANDARDS FOR NON-DOMESTIC
6. DRAINS AT ALL VEHICULAR AREAS TO BE LAID WITH 1200mm COVERS & BE 750mm MIN. BELOW GROUND TO THE SATISFACTION OF THE NEW CONTROL OF THE NEW COVERS AS ALL VEHICULAR AREAS TO BE LAID WITH 1200mm COVERS & BE 750mm MIN. BELOW GROUND COVERS AS ALL VEHICULAR AREAS TO BE LAID WITH 1200mm COVERS & BE 750mm MIN. BELOW GROUND COVERS AS ALL VEHICULAR AREAS TO BE LAID WITH 1200mm COVERS & BE 750mm MIN. BELOW GROUND COVERS AS A CALL VEHICULAR AREAS TO BE LAID WITH 1200mm COVERS & BE 750mm MIN. BELOW GROUND COVERS & BE 750mm MIN. BELOW . EXISTING DRAINS TO BE EXPOSED FOR INSPECTION PRIOR TO THE FORMATION OF THE NEW NURCITIONS
. NURCITIONS
. SURFACE WATER CONNECTIONS ARE TO BE MIN. 110mmØ
.NUNGE TO BE TESTED AND COMPLY WITH BS EN 1610: 1998
NHOLES TO COMPLY IN ALL RESPECTS WITH THE CURRENT SCOTTISH BUILDING STANDARDS FOR NHOLES TO COMPLY IN ALL RESPECTS WITH THE CURRENT SCOTTISH BUILDING STANDARDS FOR NHOMESTIC
. WINS AT ALL VEHICULAR AREAS TO BE LAID WITH 1200mm COVERS & BE 750mm MIN. BELOW GROUN

MIN. BELOW GROUND

ALL BEDDING MATERIAL TO BE 20mm PEA GRAVEL
ALL NEW MANHOLES ARE TO COMPLY WITH BS 8301
ALL BEDDING MATERIAL TO BE 20mm PEA GRAVEL
WHERE REQUIRED - ANY EXISTING DRAINAGE PIPEWORK UNDER THE NEW BUILDINGS TO BE SUITABLY
PROTECTED BY BEING HAUNCHED IN CONCRETE OR LINTELS PROVIDED IN THE CASE OF PIPEWORK
PASSING THROUGH BASE WALLS
1.4No. SCUPPERS TO BE PROVIDED PER WAREHOUSE
1.ALL NEW BUILDINGS WILL BE LINKED TO THE EXISTING DRY DRAINAGE SYSTEM ON-SITE WHICH COLLECTS
ANY LIQUIDS FROM THE WAREHOUSES & DISCHARGES INTO THE EXISTING SUDS SYSTEM

SURFACE WATER DRAINAGE

1. NUMBER OF DOWNPIPES REQUIRED & ALL DOWNPIPE DIMENSIONS TO BE AS PER THE DRAINAGE ENGINEERS DESIGN CALCULATIONS AND SPECIFICATION

2. ALL SURFACE WATER PIPEWORK TO DISCHARGE INTO EXISTING SUSTAINABLE URBAN DRAINAGE (SUDS) ATTENUATION BASIN LOCATION ON-SITE - ENGINEER TO CONFIRM SUITABLE CAPACITY TO ACCOMMODATE ADDITIONAL LOADING

3. ALL NEW SURFACE WATER DRAINAGE PIPELINES TO HAVE SUITABLE RODDING POINTS AT THE HEAD OF EACH LINE AS REQUIRED

4. DRAINAGE LAYOUT TO BE CONFIRMED

FOUL WATER DRAINAGE

1. NO FOUL DRAINAGE CREATED BY PROPOSED DEVELOPMENT

HEATING + VENTILATION

1. PROPOSED DEVELOPMENT TO BE UNHEATED

2. EACH STORAGE WAREHOUSE TO HAVE 3No. OR 2No. (WHERE APPLICABLE) WEATHERFORM RA 800 HORIZONTAL NATURAL VENTILATION ROOF COWLS

3. ALL NATURAL VENTILATION TO BE IN ACCORDANCE WITH THE CURRENT CIBS AM10: NATURAL VENTILATION IN NON-DOMESTIC BUILDINGS (2005) APPLICATIONS MANUAL AM10: 2005 AND THE CURRENT SBSA TECHNICAL HANDBOOK - NON-DOMESTIC - ENVIRONMENT - 3.14.2

ELECTRICAL SPECIFICATION

1. ALL ELECTRICAL INSTALLATIONS ARE TO COMPLY WITH BS 7671: 2001, AS AMENDED AND ALSO WITH THE CURRENT SCOTTISH BUILDING STANDARDS TECHNICAL HANDBOOK - NON-DOMESTIC

2. ALL LIGHT FITTINGS TO HAVE AN EFFICIENCY GREATER THAN 65 LUMENS PER CIRCUIT WATT AND TO COMPLY WITH THE SCOTTISH BUILDING STANDARDS TECHNICAL HANDBOOK, NON-DOMESTIC - SECTION 6 - ENERGY - 6.5.1: ARTIFICIAL LIGHTING

3. ALL ELECTRICAL SOCKET OUTLETS TO BE NO LOWER THAN 450mm FROM FINISHED PLOOR LEVEL ALL ELECTRICAL SWITCHES TO BE MAXIMUM 1200mm HIGH FROM FINISHED FLOOR LEVEL ALL ELECTRICAL SWITCHES TO BE MAXIMUM 1200mm HIGH FROM FINISHED FLOOR LEVEL

4. ALL LIGHT FITTINGS & ELECTRICAL INSTALLATIONS TO BE ATEX ZONE 2 APPROVED

FIRE PROTECTION

1. ALL OF THE FOLLOWING INFORMATION TO BE IN ACCORDANCE WITH THE CURRENT SCOTTISH BUILDING STANDARDS TECHNICAL HANDBOOK - NON-DOMESTIC - SECTION 2 - FIRE

STANDARD 2.12 - FIRE SERVICE ACCESS: & STANDARD 2.13 - FIRE FIGHTING WATER SUPPLY DRAWNIGS TO BE SENT TO THE SCOTTISH FIRE & RESCUE SERVICE FOR APPROVAL OF THE EXISTING FIRE SERVICE ACCESS AND EXISTING FIRE FIGHTING WATER SUPPLIES AT THE PROPOSED SITE - ADDITIONAL PROVISIONS TO BE INSTALLED IF REQUIRED

FIRE PROTECTION INFORMATION

1. ALL FIRE EXIT DOORS ARE TO BE PROVIDED WITH "KEEP CLOSED" SIGNAGE

1. ALL FARE EXIT DOORS ARE TO BE READILY OPERABLE FROM WITHIN THE BUILDING

3. ALL POSITIONS OF THE NEW ILLUMINATED EXIT SIGNS (BOTH INTERNAL & EXTERNAL) ARE

4. TO BE CONFIRMED ON-SITE PRIOR TO INSTALLATION

5. ALL EMERGENCY LIGHTING ARE TO BE INSTALLED TO BS 5266 PART 1, 1998

6. ALL OF THE EMERGENCY EXITS ARE TO COMPLY WITH BS 5499 PART 1, 1990

7. ALL OF THE EMERGENCY EXITS ARE TO BE FITTED IN COMPLIANCE WITH BS EN3

8. AND SITED WITHIN THE PREMISES TO BS 5306 PART 8: 2003

9. VESDA SMOKE DETECTION SYSTEM TO BE INSTALLED IN EACH WAREHOUSE AREA

GENERAL NOTES:

1. ALL TOP SOIL / VEGETABLE MATTER WILL BE REMOVED FROM THE FOOTPRINT OF THE BUILDING AND THE SITE THEN PREPARED IN ORDER, SO THAT NO FURTHER GROWTH OF ANY KIND WOULD DAMAGE THE BUILDING

2. WITH REGARDS TO ACCESSIBILITY AROUND THE SITE, WE CAN CONFIRM THAT STRICTLY NO UNAUTHORISED PERSONNEL WILL BE ALLOWED ON SITE. THE SITE IS TO HAVE ONLY ONE PRINCIPAL ENTRANCE WHICH ALL STAFF VISITORS AND DELIVERRIES ARE TO USE. ALL PERSONNS REGARDLESS OF WHETHER STAFF OR VISITORS, MUST REPORT TO THE WELFARE BUILDING IN ORDER TO "SIGN IN BEFORE ACCESS CAN BE GRANTED. ALL VISITORS WILL BE ACCOMPANIED AROUND THE SITE AND WILL BE SUPERVISED AT ALL TIMES

3. ACCESS ROUTE TO THE REAR OF THE NEW WAREHOUSES 1-5 TO BE 2m WIDE CONCRETE ROADWAY - CONCRETE TO BE 150mm THICK AND REINFORCED ACCORDINGLY TO ACCOMMODATE LOADED FORKLIFT MACHINERY

4. 2m WIDE CONCRETE ROUTE FOR FORKLIFT ACCESS TO BE PROVIDED TO BOTH SIDES OF ALL NEW WAREHOUSES - NEW CONCRETE TO BE LAID WHERE NECESSARY - ALL NEW CONCRETE AREAS TO BE DETERMINED ON-SITE

THIS DRAWING IS COPYRIGHT OF ALGO BLAIRGOWRIE LTD AND MUST NOT BE REPRODUCED IN WHOLE OR PART WITHOUT WRITTEN PERMISSION

WHISKY STORAGE WAREHOUSE 8 CONSTRUCTION SPECIFICATION:

GENERAL SPECIFICATION:

SUB-STRUCTURE:

CONCRETE

CONCRETE

CONCRETE

COMENT USED IN ALL CONCRETE WORKS SHALL BE PORTLAND CEMENT TO BS EN197

COARSE AND FINE AGGREGATES USED IN ALL CONCRETE WORKS SHALL BE IN ACCORDANCE WITH BS EN 12820

3. THE REQUIRED CONCRETE COVER SHALL BE 40mm TO ALL REINFORCEMENT STEEL U.N.O.

4. THE CONTRACTOR SHALL PROVIDE AND FIX AS REQUIRED SPACERS TO GIVE THE APPROPRIATE COVER AS STATED

5. ALL MESH FABRIC REINFORCEMENT SHALL BE IN ACCORDANCE WITH BS 4483. IT WILL BE SUPPLIED IN FLAT SHEETS AND HAVE A MINIMUM LAP LENGTH OF 300mm ON EACH EDGE. ALL LAPS ARE TO BE STAGGERED

<u>N</u>2

STAFF FIRE EXIT SIGNAGE

FIRE EXIT 'KEEP CLEAR'

FIRE SAFETY LEGEND

EXIT BOXES

ANY SOFT SPOTS IN EXCAVATION FOR NEW FOUNDATIONS SHOULD BE REMOVED AND REPLACED WITH WELL COMPACTED TYPE 1

TAMLITE EUROLUX EURO BX8M3 3 HOUR MAINTAINED INDOOR EMERGENCY LIGHT WITH RUNNING MAN OR EQUIVALENT

FIRE ESCAPE SIGNAGE - PROGRESS FORWARD (AND THROUGH) FROM HERE

FIRE EXTINGUISER - WATER 9 LITRES

FIRE EXTINGUISHER - CARBON DIOXIDE 2.5 LITRES

VESDA SMOKE DETECTOR

FIRE ALARM SOUNDER

BREAK GLASS POINT - LOCATED AT EACH EXTERNAL ESCAPE PERSONNEL DOOR

TAMLITE EUROSPOT EMERGENCY TWIN SPOT LIGHT TAMLITE EUROLUX EURO 8NM3 NON-MAINTAINED EXTERNAL EMERGENCY LIGHT

ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO CONSTRUCTION AND MANUFACTURE, AND ANY DISCREPANCIES TO BE REPORTED TO CONTRACT ADMINISTRATOR

NOT FOR CONSTRUCTION **PLANNING**

ALGO BUSINESS CENTRE GLENEARN ROAD PERTH PH2 0NJ Tel: 01738 450436 Blairgowri

	Drawing Sheet Size Scale Date	BL MA	Drawn By Checked By	
24.07.2015	Date			

Tel: 01738 450436 Fax: 01738 450446 E-mail: pa@algo.co.uk Web: www.algo.co.uk

PROPOSED WAREHOUSES AT SCOTIA HOUSE, DUDGEON PARK ROAD, BRORA, SUTHERLAND, KW9 6NA FOR KINBURN (123) LLP

Drawing Title
WAREHOUSE 8

FLOOR PLAN & GENERAL CONSTRUCTION SPECIFICATION

Project Number P15-029

PL 9