Grid references top: A B C D E F G H

LANGRIDGE STREET

GLASGOW STREET

Vertical grid numbers: 1 2 3 4 5 6 7

DO NOT SCALE DRAWINGS, USE FIGURED DIMENS

Rev.	Description	Eng.	Draft.
P1	PRELIMINARY ISSUE	JV	JT

DRAWING REFERENCE	REFERENCE
DRAWING INDEX	S000
GENERAL NOTES	S001-S002
RETENTION	S010-S029
CONCRETE COLUMNS	S800-S819
IN-SITU WALLS	S820-S879
PRECAST WALLS	S880-S909
SLAB ON GROUND DETAILS	S950-S951
SUSPENDED CONCRETE SLABS	S955-S957
POST TENSIONING DETAILS	S960-S961
R.C. STAIR DETAILS	S970
MASONRY DETAILS	S980-S984
STEEL DETAILS	S990-S991

53 LANGRIDGE STREET
DOUBLE STOREY BRICK WAREHOUSE

14 GLASGOW STREET
SINGLE STOREY BRICK BUILDING

77-85 LANGRIDGE STREET
DOUBLE STOREY BRICK BUILDING

Load labels on plan:
- DL = 2200kN / LL = 800kN
- DL = 4000kN / LL = 1500kN
- DL = 3900kN / LL = 1600kN
- DL = 3200kN / LL = 1100kN
- DL = 3200kN / LL = 1100kN
- DL = 5300kN / LL = 2100kN
- DL = 4600kN / LL = 1800kN
- DL = 4000kN / LL = 1500kN
- DL = 4600kN / LL = 1800kN
- DL = 4600kN / LL = 1800kN
- DL = 3900kN / LL = 1600kN
- DL = 1000kN / LL = 200kN

Pilecaps: PC3, PC3, PC2, PC2, PC1, PC1, PC2, PC1, PC1, PC1, PC2

Labels: CW1, BP2, RF1, RF2, 525 TYP., 1300

Section markers: 1/S035, 2/S035

HYDROSTATIC SLAB NOTES:

THE BASEMENT 2 SLAB AND LOWER RETENTION WALLS ARE LOCATED BELOW THE WATER TABLE AND HAVE BEEN DESIGNED AS A HYDROSTATIC SLAB TO STRUCTURALLY RESIST THE HYDROSTATIC FORCES APPLIED. THEY HAVE NOT BEEN DESIGN AS A LIQUID RETAINING STRUCTURE AND AS SUCH RELIES ON A WATERPROOF MEDIUM MEMBRANE, WATERPROOF ADDITIVES OR SIMILAR, TO STOP WATER PERMEATING THROUGH THE CONCRETE OR POTENTIAL CRACKS IN THE STRUCTURE.

A WATERPROOFING CONSULTANT SHOULD BE ENGAGED TO ADVISE ON ALL WATERPROOFING REQUIREMENTS INCLUDING POTENTIAL MEMBRANES, CONCRETE ADDITIVES AND DETAILING OF ALL COLD JOINTS TO PILES, SHOTCRETE WALLS, SLABS, FOUNDATIONS AND WALLS. ALLOWANCE FOR 44kPa HEAD APPLIED TO THE FLOOR AND WALLS OF THE BASEMENT.

- ALL DETAILING OF MEMBRANES, WATER STOPS, ETC MADE HEREIN ARE INDICATIVE ONLY AND PENDING TO FURTHER SPECIALIST ADVICE.
- ALLOWANCE FOR POTENTIAL 50mm BLINDING LAYER TO BASEMENT SLAB SHOULD BE MADE PENDING CONFIRMATION OF THE WATERPROOFING SYSTEM ADOPTED AND SPECIFIC REQUIREMENTS.
- ALLOW FOR WATERPROOF ADMIXTURE IN CONCRETE BELOW THE WATERTABLE.
- POUR STRIP AND POUR SIZE TO BE CONSIDERING IN CONJUNCTION WITH WATERPROOFING STRATEGY ALONG WITH ADDITIONAL REINFORCEMENT TO CONTROL CRACK WIDTH

PILE SETOUT NOTES:

1. THE ENGINEER SHALL BE GIVEN 24 RESPOND AND INSPECT THE NATUR THE FOUNDATION MATERIAL PRIOR PILES AND PILECAPS.

2. ALTERNATIVE DESIGN:
ALTERNATIVE DESIGN(S) FOR THE F BASED UPON THE DESIGN LOADS N DRAWINGS MAY BE SUBMITTED FOR THE ALTERNATIVE DESIGN(S) WHEN INSTALLED, SHALL MEET THE PERF REQUIREMENT AND COMPLY WITH T DESIGN OF PILE CAPS SHALL BE INC ALTERNATIVE DESIGN.

CALCULATIONS:
SUBMIT CALCULATIONS TO SHOW T SYSTEM WILL MEET THE SPECIFIED REQUIREMENTS. ALSO SUBMIT THE GEOTECHNICAL INFORMATION AND USED IN CALCULATIONS.

THE CONTRACTOR SHALL PROVE BY OTHER SUPPORT DATA THAT THE F CAPABLE OF DISPERSING HORIZONT EARTHQUAKE AND WIND, INTO THE RESULTANT LATERAL DISPLACEMEN FOUNDATION SYSTEM SHALL BE WIT LIMIT.

| DL = 5000kN | DENOTES TOT DL = 5000kN |
| LL = 1000kN | WORKING LIVE |

✱ = ADDITIONAL POINT LOAD
ALL LOADS ARE WORKING LOADS.