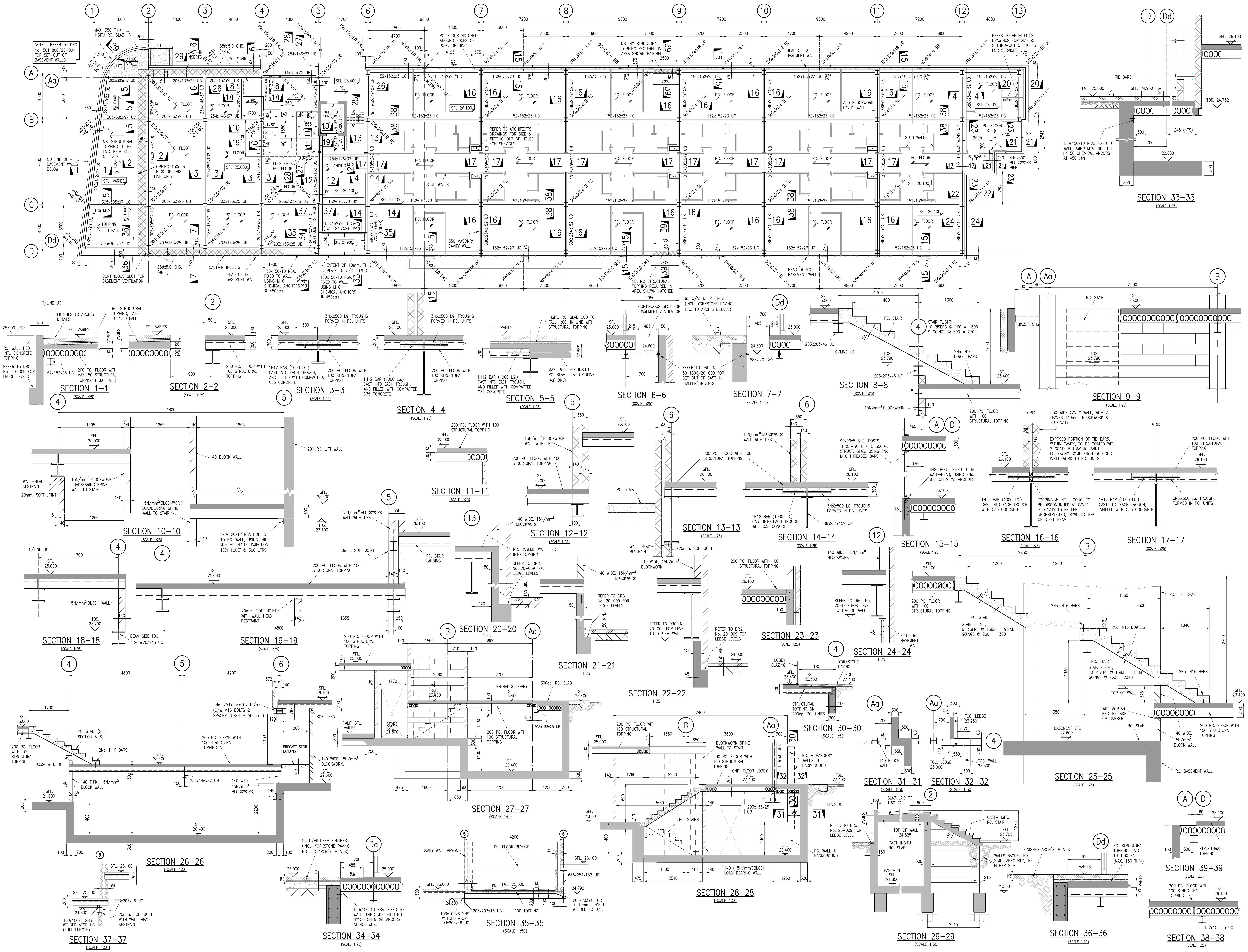

NOTES.

STEELWORK NOTES:

1. ALL STEELWORK TO BE S275 TO BSEN10025 UNLESS NOTED OTHERWISE
2. STEELWORK TO BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH SEJC CONSULTING ENGINEERS SPECIFICATION
3. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND SEJC CONSULTING ENGINEERS DRAWINGS
4. WITH THE EXCEPTION OF COLD ROLLED SECTIONS, ALL STEELWORK TO BE SHOT BLAST CLEANED TO SWEDISH STANDARD S.A. 2 ½ AND PAINTED ONE COAT HIGH BUILD ZINC PHOSPHATE PRIMER TO D.F.T. OF 75 MICRONS, ALL DAMAGED AREAS OF COATING TO BE CLEANED AND TOUCH–UP PAINTED AFTER ERECTION
5. STEELWORK IN MASONRY CAVITIES TO BE GIVEN 2 COATS OF BITUMEN BASED PAINT BY THE MAIN CONTRACTOR AFTER ERECTION UNLESS NOTED OTHERWISE
6. ALL CONNECTIONS TO HAVE A MINIMUM OF 2No M20 BOLTS GRADE 8.8
7. ALL BASEPLATES TO HAVE MINIMUM 4No. HOLDING DOWN BOLTS
8. THE STEELWORK CONTRACTOR SHALL INCLUDE FOR ALL TEMPORARY AND PERMANENT BRACINGS AND ALL NECESSARY TEMPORARY PROPS AND SUPPORTS TO ENSURE TOTAL STABILITY TO THE STRUCTURE AT ALL TIMES
9. THE STEELWORK FABRICATOR WILL BE RESPONSIBLE FOR TAKING ALL NECESSARY SITE DIMENSIONS FOR FABRICATION PURPOSES.
10. THE STEELWORK FABRICATOR WILL BE RESPONSIBLE FOR THE DESIGN OF ALL STEELWORK CONNECTIONS. ALL DRAWINGS AND CALCULATIONS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR COMMENTS PRIOR TO FABRICATION OF THE STEELWORK
11. STEELWORK BELOW GROUND FLOOR LEVEL TO BE CLEANED TO SPECIFICATION, UNPAINTED AND CASED IN MINIMUM 100mm THICK CONCRETE UNO
12. FOR POSITIONS AND DETAILS OF HOLDING DOWN BOLTS REFER TO THE STEELWORK CONTRACTORS DRAWINGS
13. THE STEELWORK CONTRACTOR WILL DESIGN, SUPPLY, FABRICATE AND ERECT IN ACCORDANCE WITH THE CURRENT CODES OF PRACTICE
14. INCLUDE FOR ALL TEMPORARY AND PERMANENT BRACINGS AND ALL NECESSARY PROPS AND SUPPORTS TO ENSURE TOTAL STABILITY TO THE STRUCTURE AT ALL TIMES

PRECAST CONCRETE NOTES:

1. ALL CONCRETE WORK IS TO BE IN ACCORDANCE
2. RELEVANT CONCRETE MIX DESIGN REFER TO SPECIFICATION
3. DESIGN & CONSTRUCTION OF PRE–CAST FLOOR UNITS TO BE IN ACCORDANCE WITH BS.8110
4. PRE–CAST CONCRETE FLOOR UNITS ARE TO BE DESIGNED TO SUPPORT THE FOLLOWING LOADS, IN ADDITION TO THE SELF WEIGHT OF THE UNITS:–

TYPE OF LOAD	MAGNITUDE (kN/m^2)
IMPOSED	1.5
PARTITION	1.5
FINISHES	0.3
SCREED	N/A
CEILING	0.3
SERVICES	0.3

5. FIRE RESISTANCE OF PRE–CAST FLOOR UNITS TO BE HOURS FIRE RESISTANCE
6. FOR INTERNAL WALL LAYOUT REFER TO RELEVANT ARCHITECTS DRAWINGS
7. UPPER SURFACE OF PC. HOLLOWCORE UNITS, AND JOINTS BETWEEN, TO BE CLEARED OF DEBRIS & THOROUGHLY WETTED PRIOR TO LAYING CONCRETE TOPPING. SURFACE TO BE KEPT WETTED, FOR A PERIOD OF 24 HOURS, BEFORE COMMENCEMENT OF CONCRETE WORKS.
CONCRETE TOPPING TO BE REINFORCED WITH ONE LAYER A142 MESH (300 MIN. LAPS) PLACED CENTRALLY. THE TOPPING THICKNESS SPECIFIED IS A MINIMUM. ALLOWANCE MUST BE MADE FOR PRE–CAMBER

NOTE: PC. HOLLOWCORE UNIITS TO BE PROPPED AT MID–SPAN PRIOR TO CASTING STRUCTURAL TOPPING, AND TO BE LEFT A MINIMUM OF 7 DAYS BEFORE REMOVAL.

MK	REVISIONS	BY	DATE	CH'K

STATUS:–

AS–BUILT

DRAWN BY SH. DATE MAY '06
CHECKED BY DATE
PROJECT ENGINEER DATE

CLIENT
CTP St JAMES

PROJECT
WAKEFIELD WATERFRONT
PHASE 1,
BUILDING 20

SEJC Consulting Engineers
Consulting Structural & Civil Engineers

Sanderson House, Station Road, Horsforth, Leeds LS18 5NT
Telephone 0113 2590090 Fax 0113 2586640

TITLE
GA. AT LEVEL 1 & 1A

SCALES 1:100 (@A0)

CONTRACT No	DRG No
501180C	20–002

A0 – (1:1)