

22 August 2008

General Manager
Pittwater Council
PO Box 882
MONA VALE NSW 1660

Dear Sir/Madam

**Re Development Application No N0460
1825 Pittwater Road, Bayview**

For Council's information, please find enclosed modified Construction Certificate No 2007/2412A issued for a golf club at the above address, accompanied by

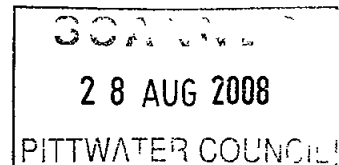
- Copy Construction Certificate application form
- Fire Safety Schedule
- Cheque for \$30 00 being the prescribed fee to receive the above certificate

NB Please forward receipt for the above fee to Insight Building Certifiers Pty Ltd, PO Box 326, Mona Vale 1660

Yours faithfully



**Bruce Gaal
Insight Building Certifiers Pty Ltd**



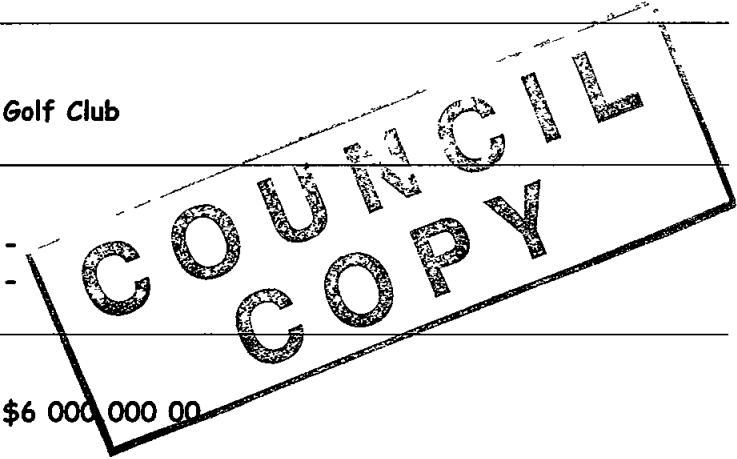
R# 244190
25/8/2008

Construction Certificate Determination

issued under the Environmental
Planning and Assessment Act 1979
Section 109C (1) (b) 81A (2) and 81A (4)

Modified Certificate No 2007/2412A

Council	Pittwater
Determination date of issue	Approved 22 August 2008
Subject land Address Lot No DP No	1825 Pittwater Road Bayview Lot 2 DP 230607
Applicant Name Address Contact No (phone)	Nicholas Associates GPO Box 1967, Sydney NSW 2001 9369 3546
Owner Name Address Contact No (phone)	Bayview Golf Club 1825 Pittwater Road, Bayview NSW 2067 -
Description of Development Type of Work	Golf Club
Builder or Owner/Builder Name Contractor Licence No/Permit	- -
Value of Work Building	\$6 000 000 00



Attachments
• Copy of completed Construction Certificate Application Form
• Fire Safety Schedule
• Documents referenced on CC 2007/2412 dated 26 November 2007

Plans & Specifications certified

The development is to be carried out in compliance with the following plans and documentation listed below and endorsed with *Insight Building Certifiers* stamp

- Architectural Plans by Nicholas Associates Architects Pty Ltd reference 1395B 08 CCT 1 01A 1 03A 1 04A, 1 05A, 1 06A 1 07A, 2 03A, 2 04A 2 05A, 2 06A, 2 07A 3 01A, 4 01A & 4 02A dated 18 July 2008
- Paving/Driveway Details by Low & Hooke Partners reference 7713-C3C C4C & C5B
- Structural details by Low & Hooke Partners, reference 7713 S0 to S23

Certificate

I hereby certify that the above Plans documents or Certificates satisfy

- The relevant provisions of the Building Code of Australia
- The relevant conditions of this Development Consent

and that work completed in accordance with the documentation accompanying the application for this Certificate (and any modifications as verified by me and shown on that documentation) will comply with the requirements of the Environmental Planning & Assessment Regulation referred to in Section 81A(5) of the Environmental Planning & Assessment Act 1979

Signed

Date of endorsement
Certificate No


22nd / August 2008
2007/2412A

Certifying Authority

Name of Accredited Certifier
Accreditation No
Accreditation Authority
Contact No
Address

Bruce Gaal
BPB0130
Building Professionals Board
(02) 9999 0003 / 0431 882 726
13/90 Mona Vale Road, Mona Vale NSW 2103

Development Consent

Development Application No
Date of Determination

N0460/06
7 December 2006

BCA Classification

7a & 9b

FIRE SAFETY SCHEDULE

Environmental Planning & Assessment Regulation 2000

22 August 2008

Modified Construction Certificate No 2007/2412A

DA No N0460/06

Property Address 1825 Pittwater Road, Bayview

Description of Development Golf Club

Existing Fire Safety Measures	Standard of Performance
Nil	

Proposed Fire Safety Measures	Standard of Performance
Emergency Lighting	BCA E4 2, 4 4, AS 2293 1 - 2005
Exit Signs	BCA E4 5, 4 6, AS 2293 1 - 2005
Fire Hydrant System	BCA E1 3, AS 2419 1 - 2005
Fire Hose Reels	BCA E1 4, AS 2441 - 2005
Portable Fire Extinguishers	BCA E1 6, AS 2444 - 2001
Automatic Fire Detection & Alarm System	BCA NSW Table E2 2b, Spec E2 2a, AS/NZS 1670 1

APPLICATION FOR A CONSTRUCTION CERTIFICATE

Construction Certificate ☐

Modified Construction Certificate ☒

1 AUG 2009

1. Applicant's details

It is important that we are able to contact you if we need more information. Please give us as much detail as possible.

Mr ☐ Mrs ☐ Ms ☐ Dr ☐ Other ☒

Given Names (or ACN) Family Name (or Company)

NICHOLAS ASSOCIATES ARCHITECTS

Postal Address (we will post all mail to this address)

GPO BOX 1967, SYDNEY, NSW

Post Code 2001

Daytime telephone Alternate No Mobile No

9369 3546 — —

2. Owner's consent

Even if you are the owner of the land, the owner of the company must be signed by an authorized director and the company must be signed by the company secretary. If the property is a unit under the strata title or a lot in a community title, then in addition to the owner's signature, the signature of the body corporate must be signed and must be signed by the owner and signed by the (Chairman or Secretary of the Owners Corporation or the appropriate body corporate).

Signature

BAYVIEW GOLF CLUB

Address

1825 PITWATER ROAD, BAYVIEW, NSW, 2104

Signature

Signature

Signature

Signature

Signature

Signature

Signature

Signature

3. Location of property

Unit/Street No Street Name

1825 PITWATER ROAD

Suburb Post Code

BAYVIEW 2104

Legal Property Description (these details are shown on your rate notices, property deeds, etc)

Lot no DP no

LOT 2 230607

4. Description of work

What type of building do you intend to carry out?

Please describe briefly everything that you want approved.

NEW GOLF CLUB

5. Estimated cost of work

The estimated cost of the development or contract may be subject to review.

Estimated cost of work \$ 6,000 000 00

6. Development Consent

Development Consent No 0460/06

Date of Development Consent ENDORSEMENT 7/12/2006

NOTIFIED 29/04/2007

7. Building Code of Australia classification

The class found on the development consent.

BGA Classification

9B

8. Builder's details

If work is to be completed in the case of residential building work:

Name

Address

Contractor's permit no.

9. Applicant's declaration

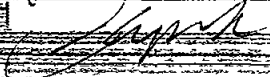
I apply for a Construction Certificate to carry out building work as described in this application. I declare that the above development has not commenced and that no building work associated with this application have commenced. To the best of my knowledge all the information in this application and attached is true and correct.

Signature

Date

NICHOLAS ASSOCIATES ARCHITECTS

(CONTACT: KATIE FORMISTON)



(MR. RUCK KAPITANOVIC)

SUBMISSION REQUIREMENTS

A GENERAL

Are the plans submitted with the Construction Certificate Application in accordance with the Development Consent?

Yes [X] No []

Have all the conditions of Development Consent relating to the issue of the Construction Certificate been fully complied with?

Yes [X] No []

If you have answered NO to either of the above questions, then you will need to speak with the Accredited Certifier BEFORE LODGING YOUR APPLICATION

B ALL PROPOSALS (has the following required information been submitted?)

Yes	No	Not Applicable	In the case of an application for a Construction Certificate for building work
[X]	[]	[]	Three (3) copies of detailed architectural plans and specifications SEE BELOW
[X]	[]	[]	The plan for the building must consist of a general plan drawn to a scale not less than 1:100 and a site plan drawn to a scale not less than 1:200. The general plan of the building is to: a) show a plan of each floor section b) show a plan of each elevation of the building c) show the levels of the lowest floor and of any yard or unbuilt on area belonging to that floor and the levels of the adjacent ground d) indicate the height, design and full construction details e) indicate the provision for fire safety and fire resistance (if any)
[]	[]	[X]	Where the proposed building work involves any alteration or addition to, or rebuilding of, an existing building, all copies of the general plan are to be coloured or otherwise marked to the satisfaction of the Council to adequately distinguish the proposed alteration, addition or rebuilding with a separate letter listing the proposed changes being submitted.
[]	[]	[X] AS PREVIOUS SUBMISSION SPECIFICATION IS UNCHANGED	3 copies of a specification: a) to describe the construction and materials of which the building is to be built and the method of drainage, sewerage and water supply b) state whether the materials proposed to be used are new or second hand and give particular
[]	[]	[X]	Where the proposed building work involves a modification to previously approved plans and specifications, the general plans must be coloured or otherwise marked to the satisfaction of the Accredited Certifier to adequately distinguish the modification.
[X]	[]	[]	If the proposed building work involves a modification to previously approved plans and specification which were subject of a Development Consent, has the original Development Consent been modified by Council?
[]	[]	[X]	Except in the case of an application for, or in respect of, domestic building work: a) a list of any fire safety measures that are proposed to be implemented in the building or on the land on which the building is situated; and b) if the application relates to a proposal to carry out any alteration or rebuilding of, or addition to, an existing building, a separate list of such of those measures as are currently implemented in the building or on the land on which the building is situated. This list must specify the standard of design of each of those fire safety measures to which they were originally installed. c) This list must describe the extent, capability and basis of design of each of the measures concerned.
[]	[]	[X] NOT DOMESTIC	Copy of BASIX Certificate & Schedule of BASIX Commitments
[]	[]	[X]	Copy of signed BASIX Compliance Statement
[X]	[]	[]	All other documentation to satisfy conditions of Development Consent

HOME BUILDING ACT 1989 (as amended) OWNER/BUILDER REQUIREMENTS

Applicants for work at a residential property with a value of work over \$12 000 require insurance as specified in the Home Building Act 1989.

Owner Builders require Property Owner Builder's Permit issued by the Department of Fair Trading for all projects over \$5 000. In addition to this permit all projects valued in excess of \$12 000 may also require a contract of insurance under the provisions of the Home Building Act 1989 as amended. This requirement will take effect should the property owner offer the property for sale in the ensuing period of 7 years.

Enquiries on any matters relevant to this section should be taken up with the Department of Fair Trading at Level 21, Astra House, 227 Elizabeth Street, Sydney (ph 133220).

LONG SERVICE LEVY (applies to all classes of buildings)

A Long Service Levy at 0.35% of the cost of works is payable on projects valued \$25 000 or more. This sum can be paid directly to the Long Service Payments Corporation or to Council acting as an agent to the Corporation. Partial exemption from the levy may be granted to non-profit organizations, churches and to owner/builders. The levy may also be paid in instalments. Application forms for these exemptions are available from Council but all enquiries in this regard should be addressed to the Long Service Payments Corporation.

THE CONSTRUCTION CERTIFICATION CANNOT BE ISSUED UNLESS THE LONG SERVICE LEVY AND HOME BUILDING ACT 1989 INSURANCE (APPLICABLE TO RESIDENTIAL PROPERTIES) HAVE BEEN PAID OR EVIDENCE OF THE EXEMPTION PROVIDED TO COUNCIL.

PARTICULARS OF THE PROPOSAL

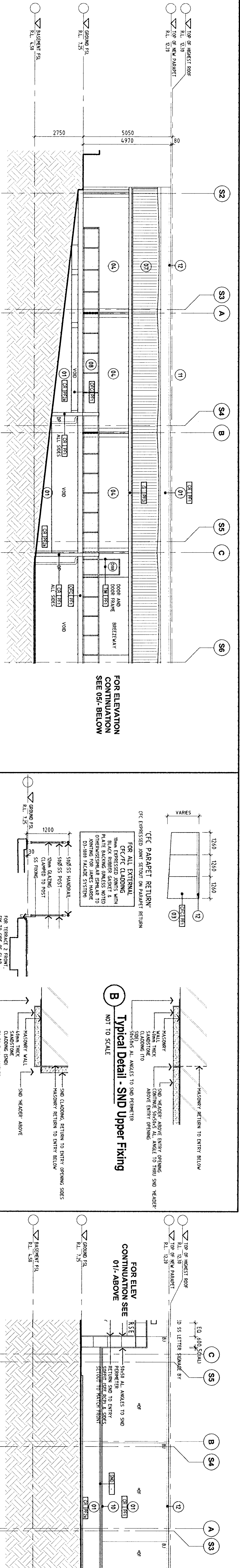
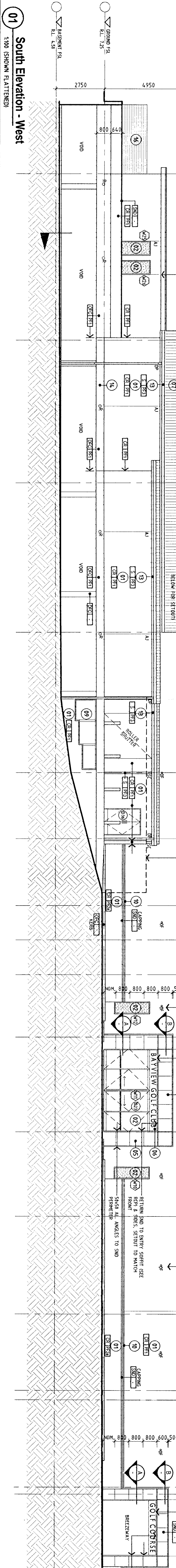
What is the area of the land (m ²)? UNCHANGED, SEE PREVIOUS APPLICATION	Gross floor area of building (m ²) as proposed 1702m ²
What are the current uses of all or parts of the building(s)/land? GOLF CLUB	Location 1825 PITWATER ROAD BAYVIEW, NSW, 2104 Use GOLF CLUB
Does the site contain a dual occupancy? N/A	What is the gross floor area of the proposed addition or new building (sq metres)? N/A
What are the proposed uses of all parts of the building(s) land? GOLF CLUB	Number of pre-existing dwellings N/A
Number of dwellings to be demolished N/A	How many dwellings proposed? N/A
How many storeys will the building consist of? 2	Will the new building be attached to the existing building? N/A Will the new building be attached to any new building? N/A

MATERIALS TO BE USED UNCHANGED, SEE PREVIOUS APPLICATION

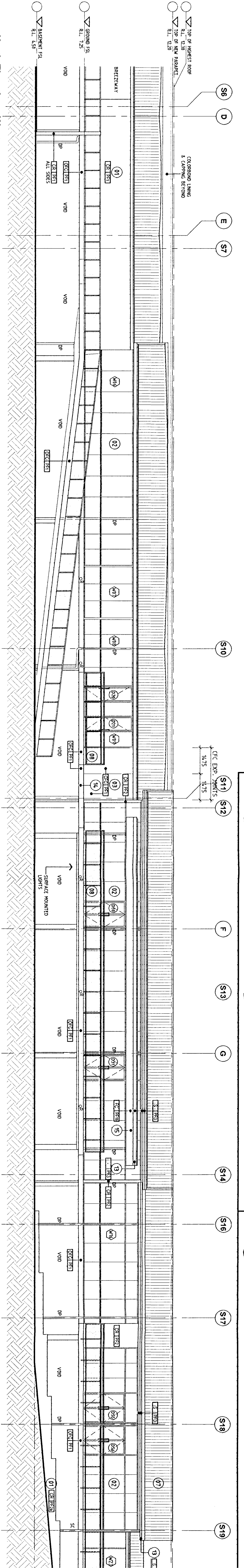
The following information must be supplied for the Australian Bureau of Statistics

Place a tick (✓) in the box which best describes the materials the new work will be constructed of

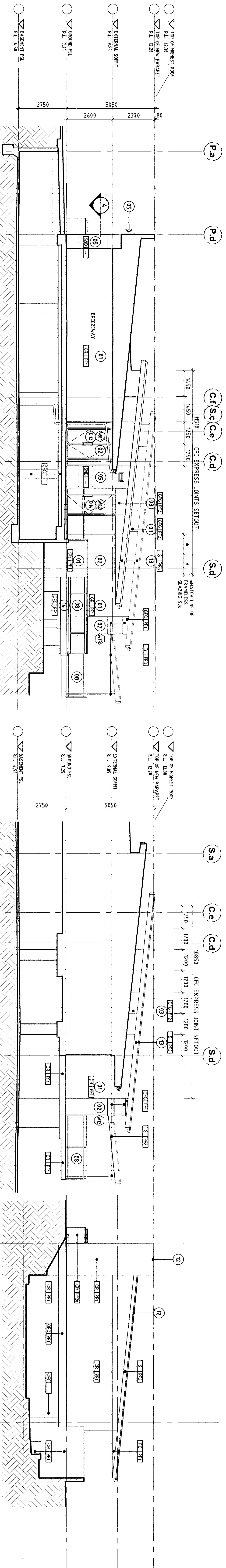
WALLS		FLOOR		ROOF		FRAME	
Brick veneer	☐	Concrete	☐	Aluminium	☐	Timber	☐
Full brick	☐	Timber	☐	Concrete		Steel	☐
Single brick	☐	Other	☐	Concrete tile	☐	Other	☐
Concrete block	☐	Unknown	☐	Fibrous cement	☐	Unknown	☐
Concrete/masonry	☐			Fibreglass	☐		
Concrete	☐			Masonry/terracotta shingle	☐		
Steel	☐			Tiles	☐		
Fibrous cement	☐			Slate	☐		
Hardiplank	☐			Steel	☐		
Timber/weatherboard	☐			Terracotta tile	☐		
Cladding aluminium	☐			Other	☐		
Curtain glass	☐			Unknown	☐		
Other	☐						
Unknown	☐						



03 North Elevation - East
1:100 (SHOWN FLATTENED)

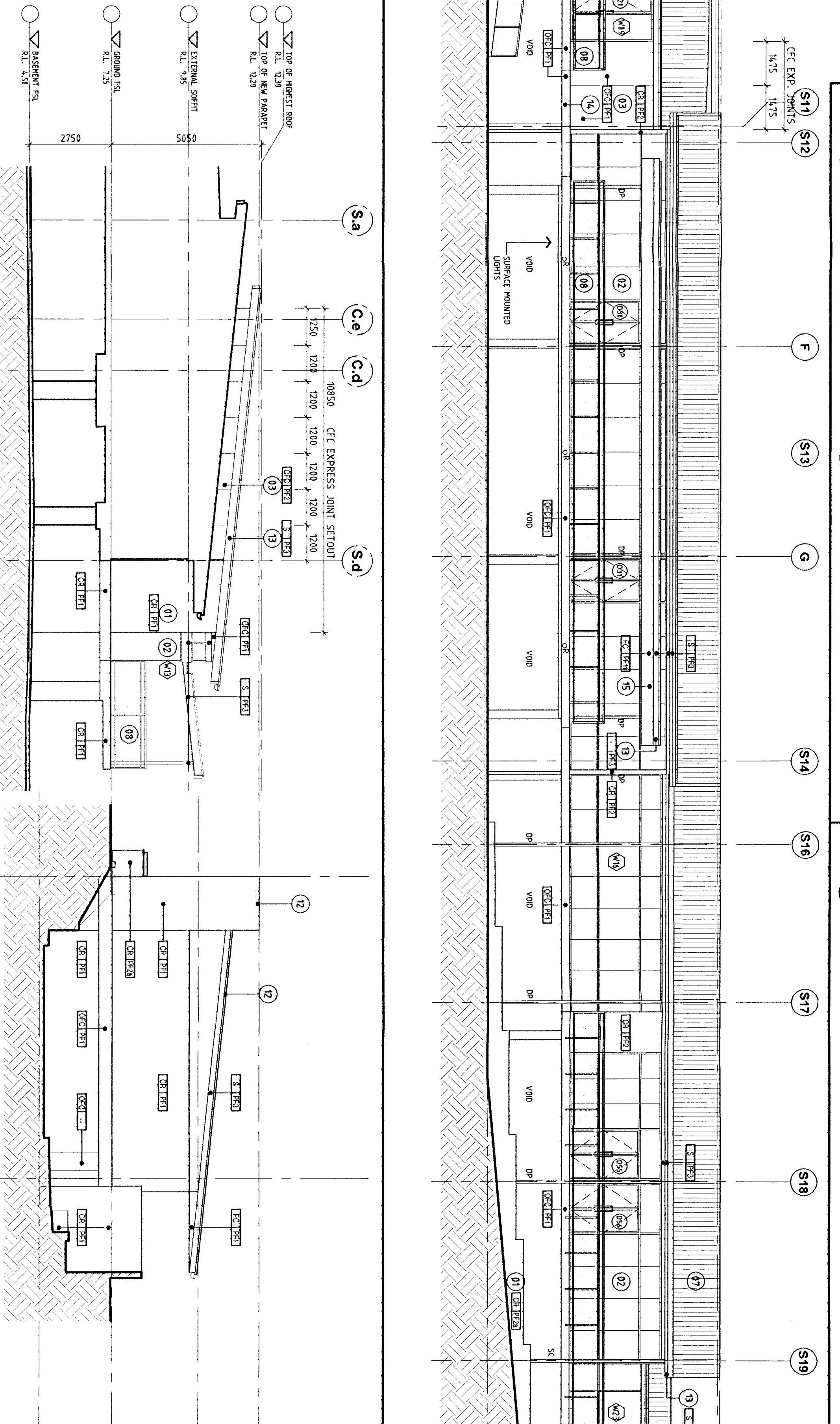


05 Sectional Elevation
1:100 (SHOWN FLATTENED) THROUGH BREZZIWAY

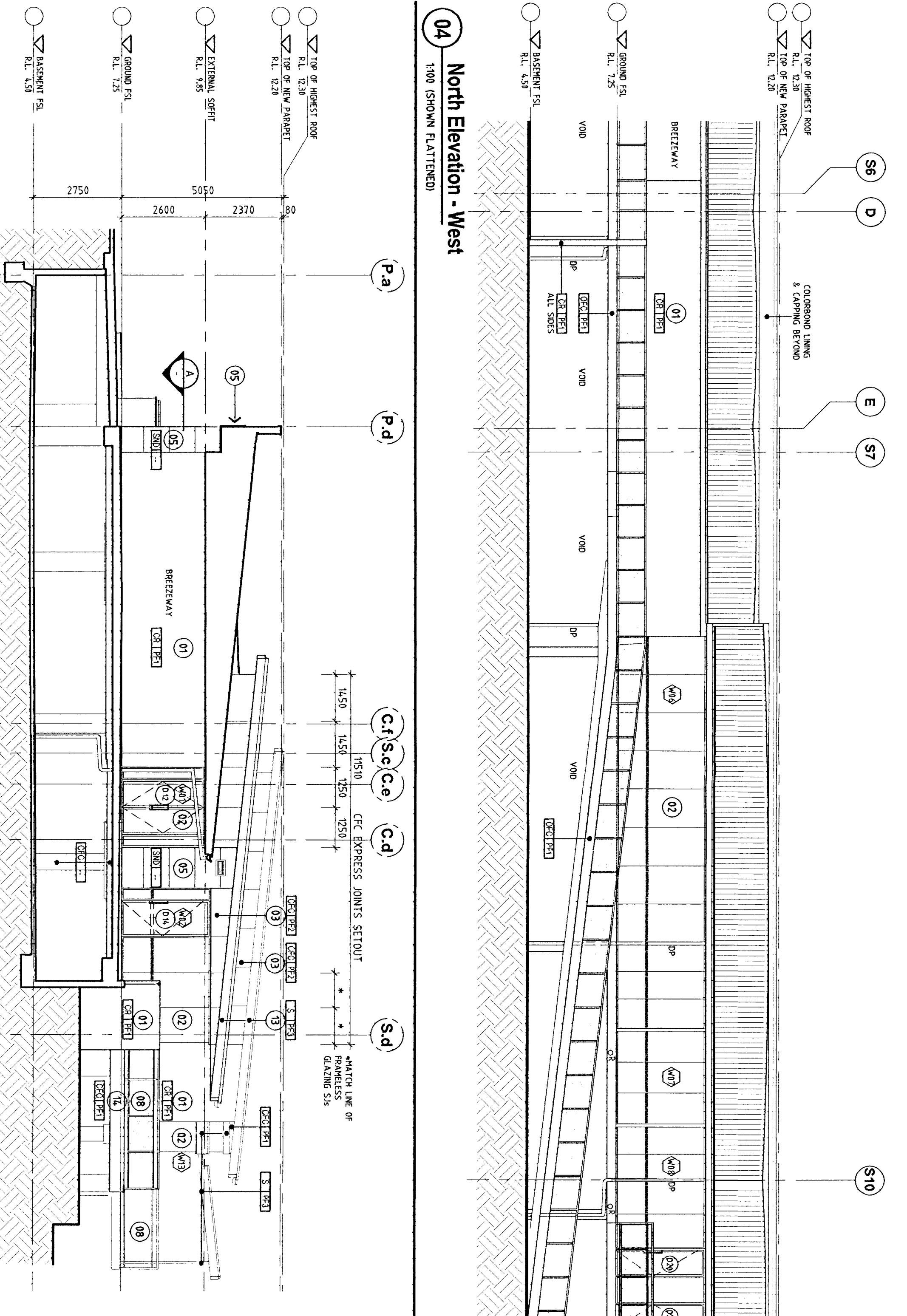
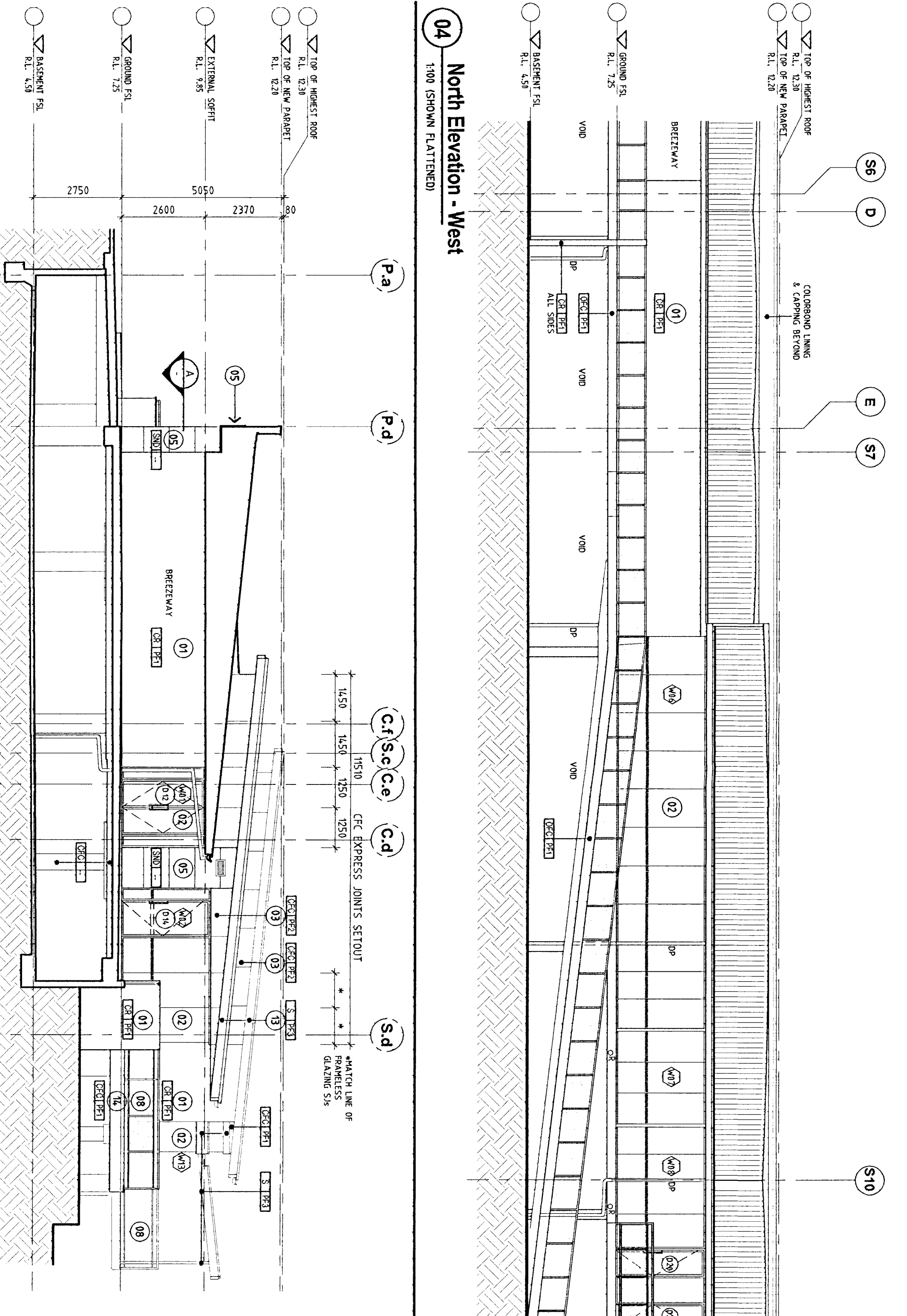
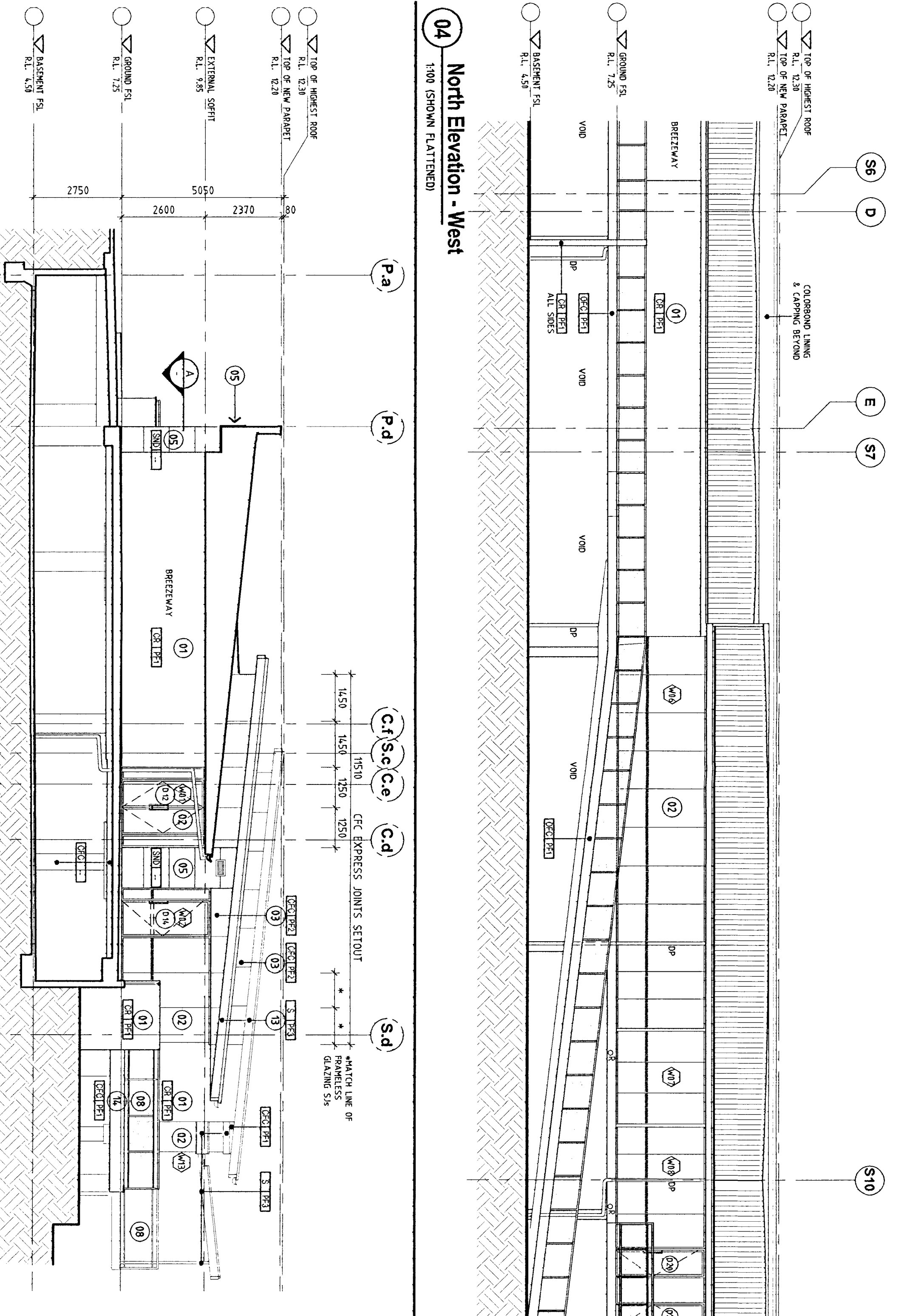
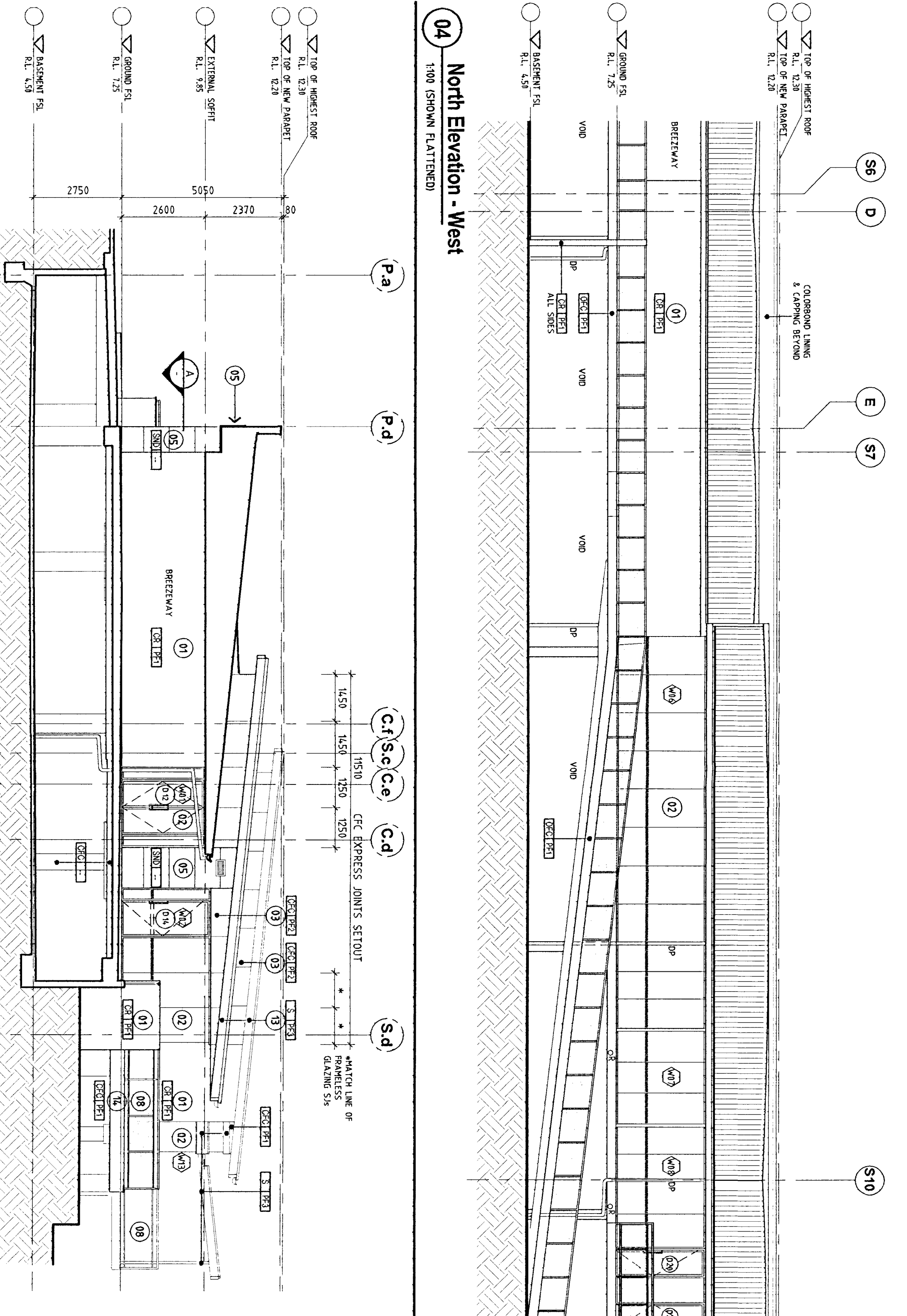
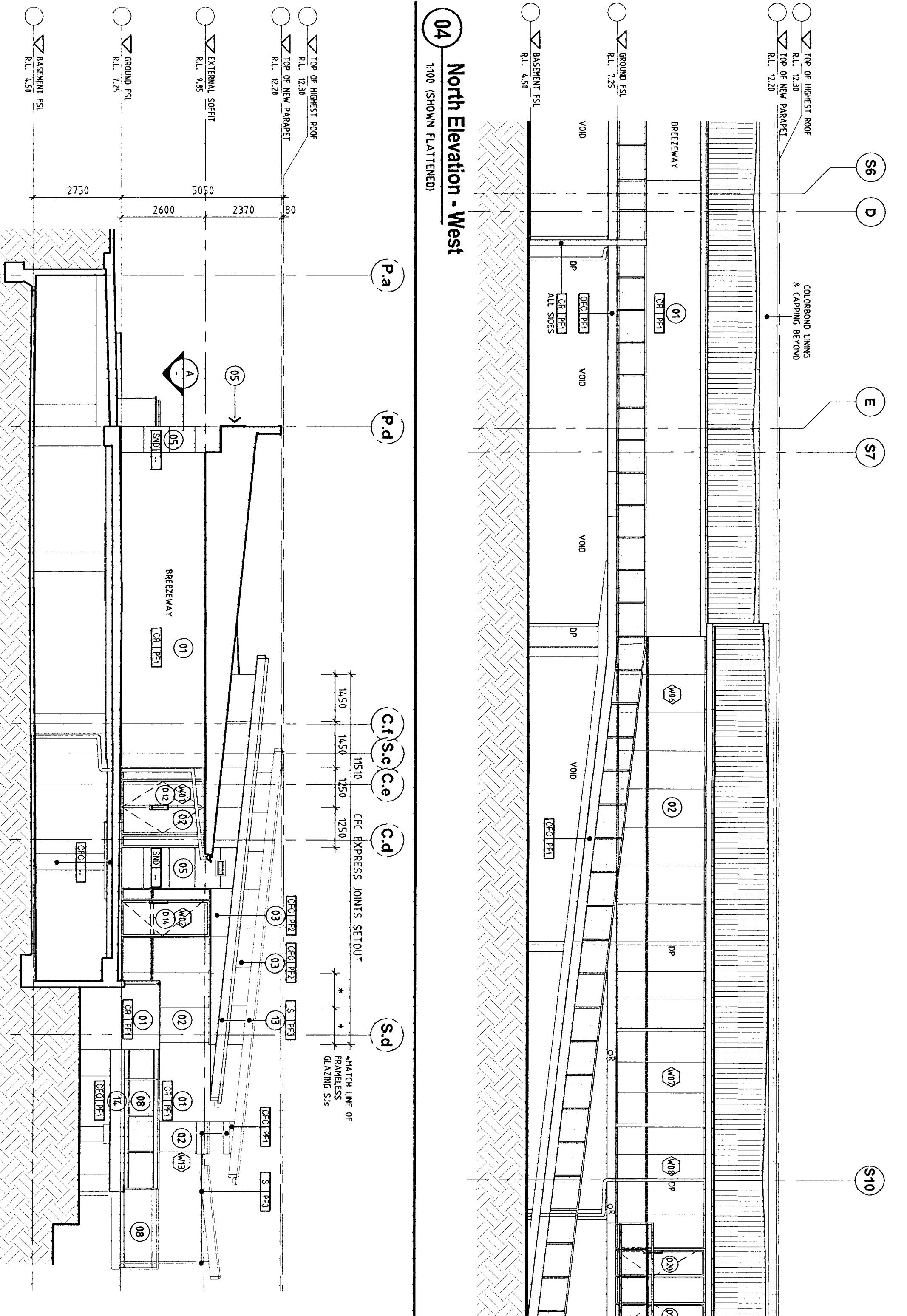
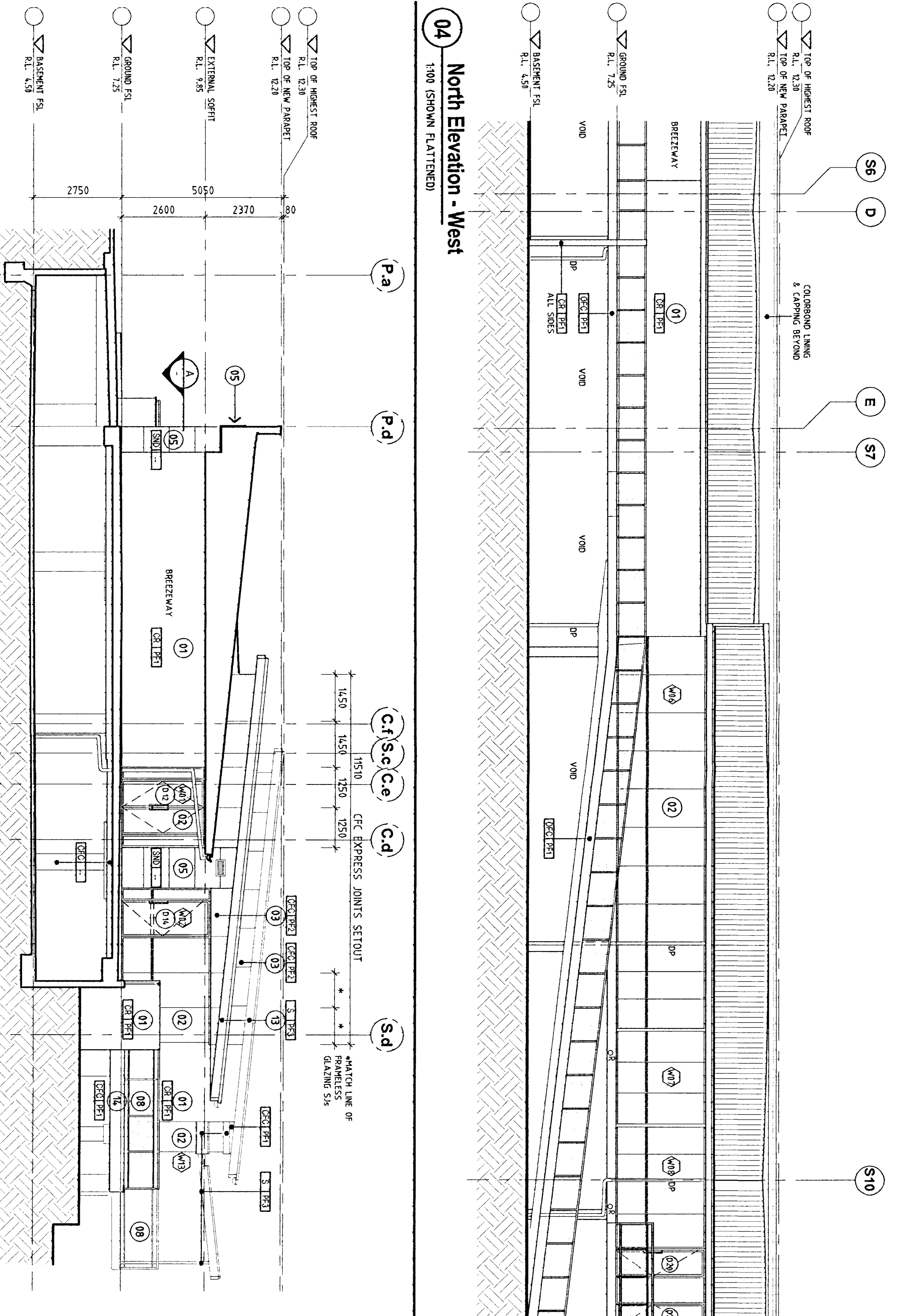
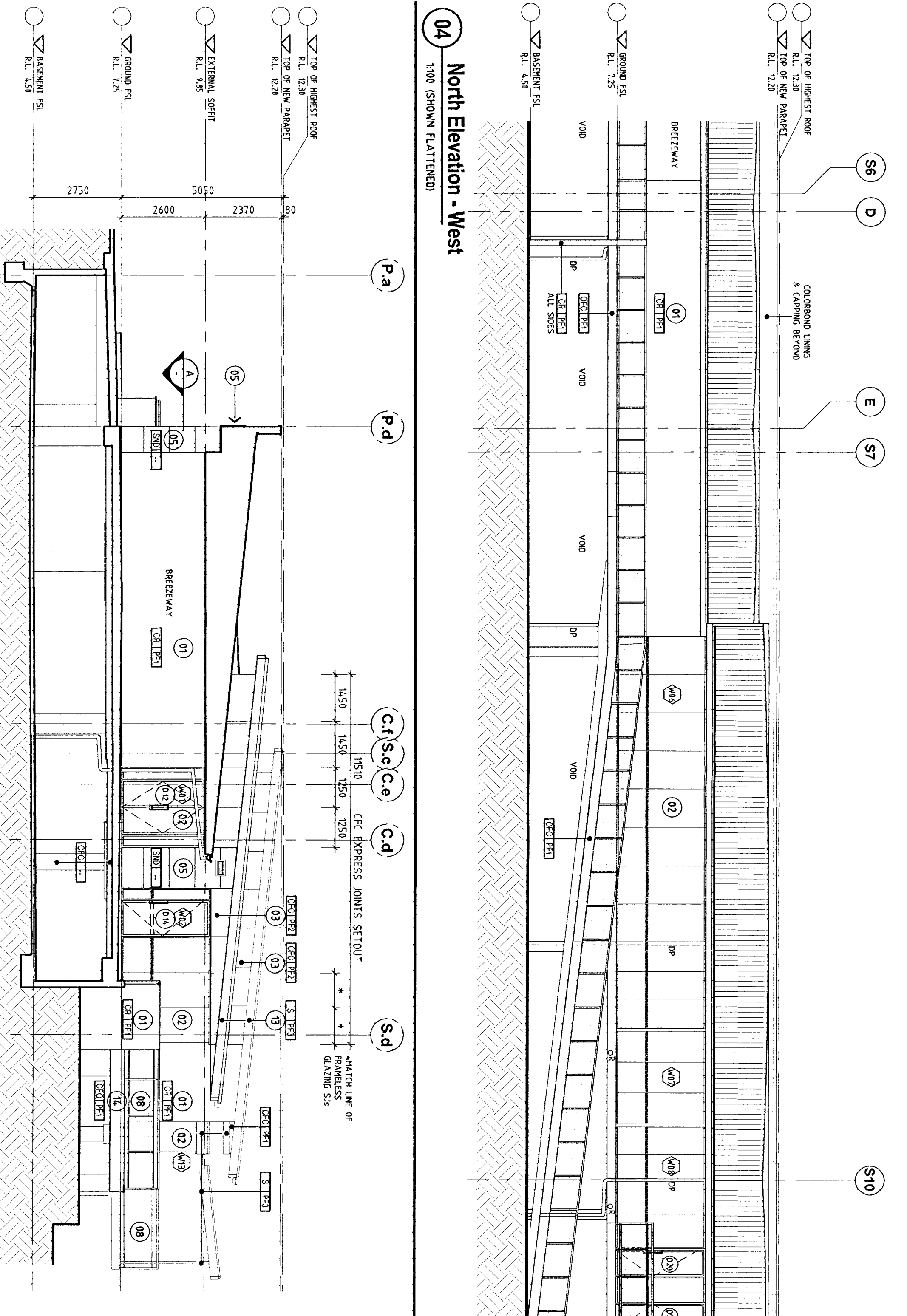
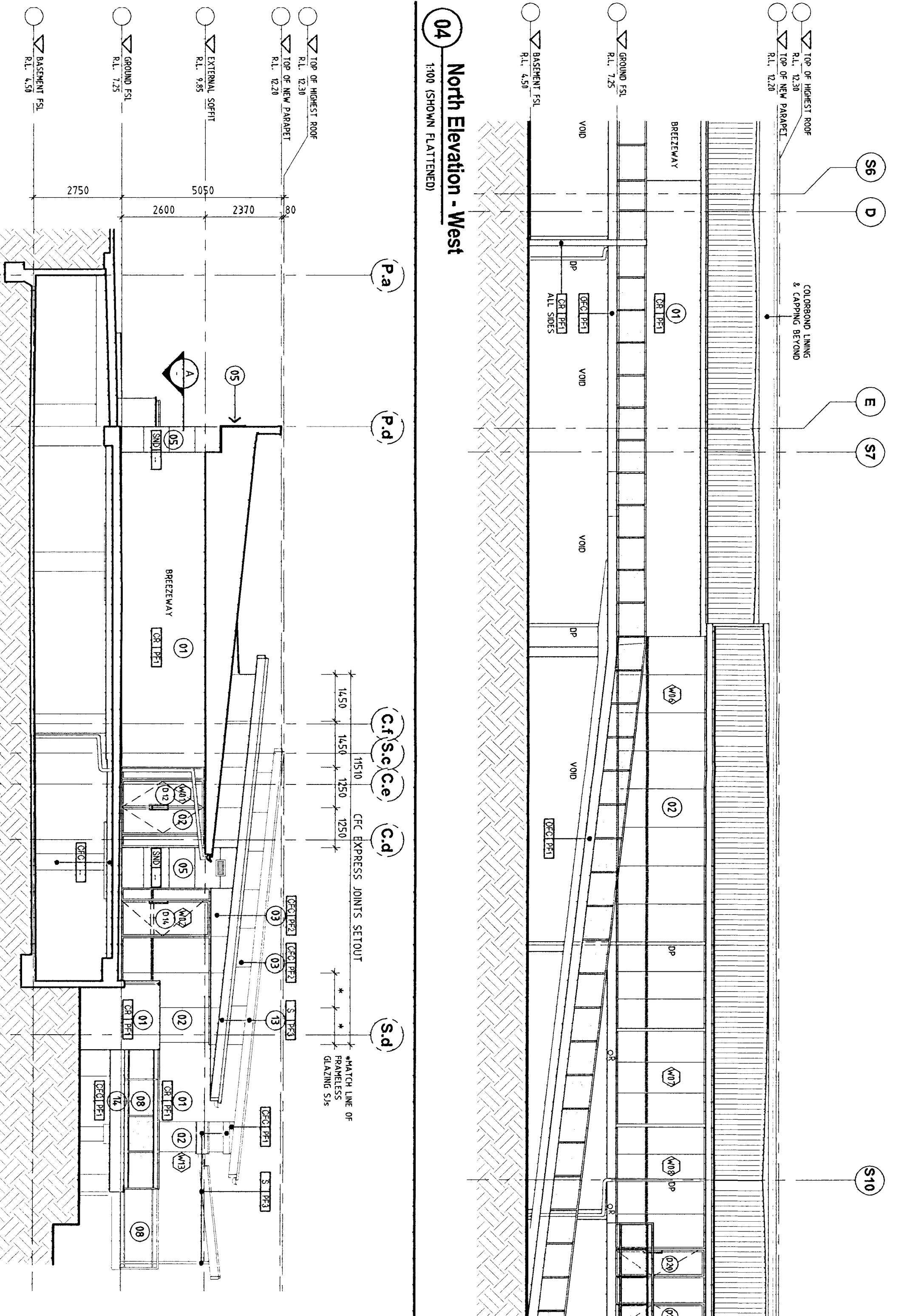
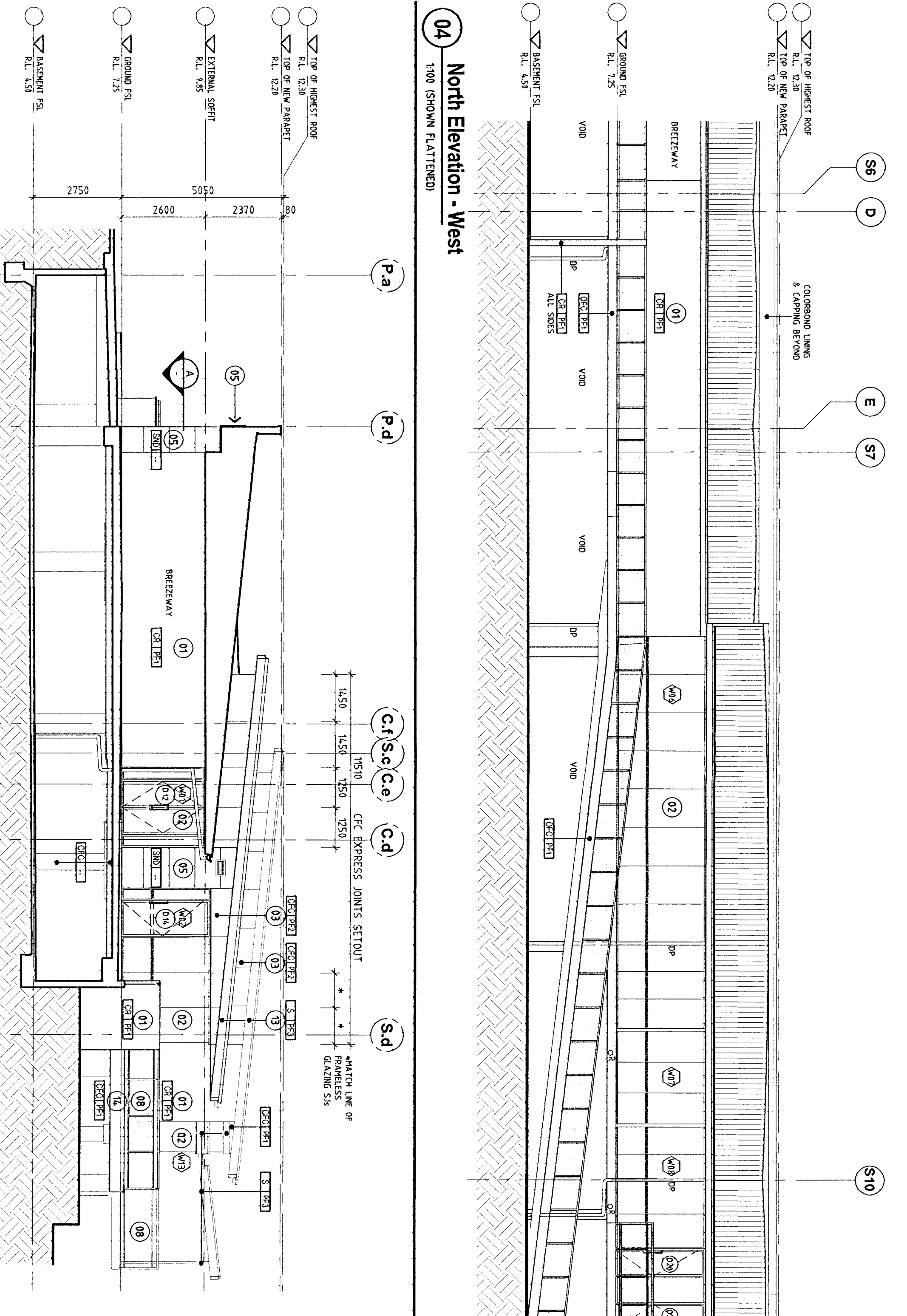
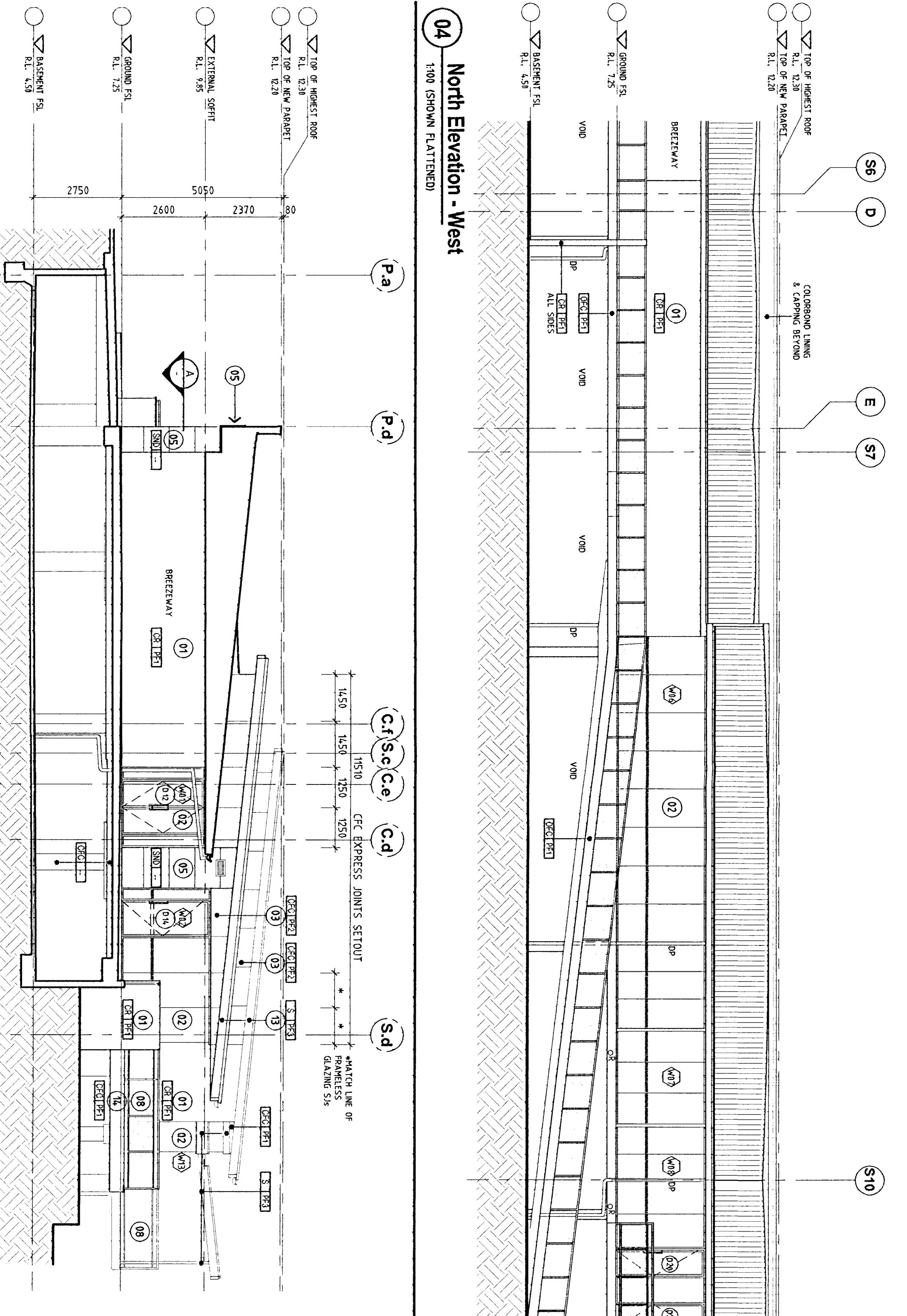
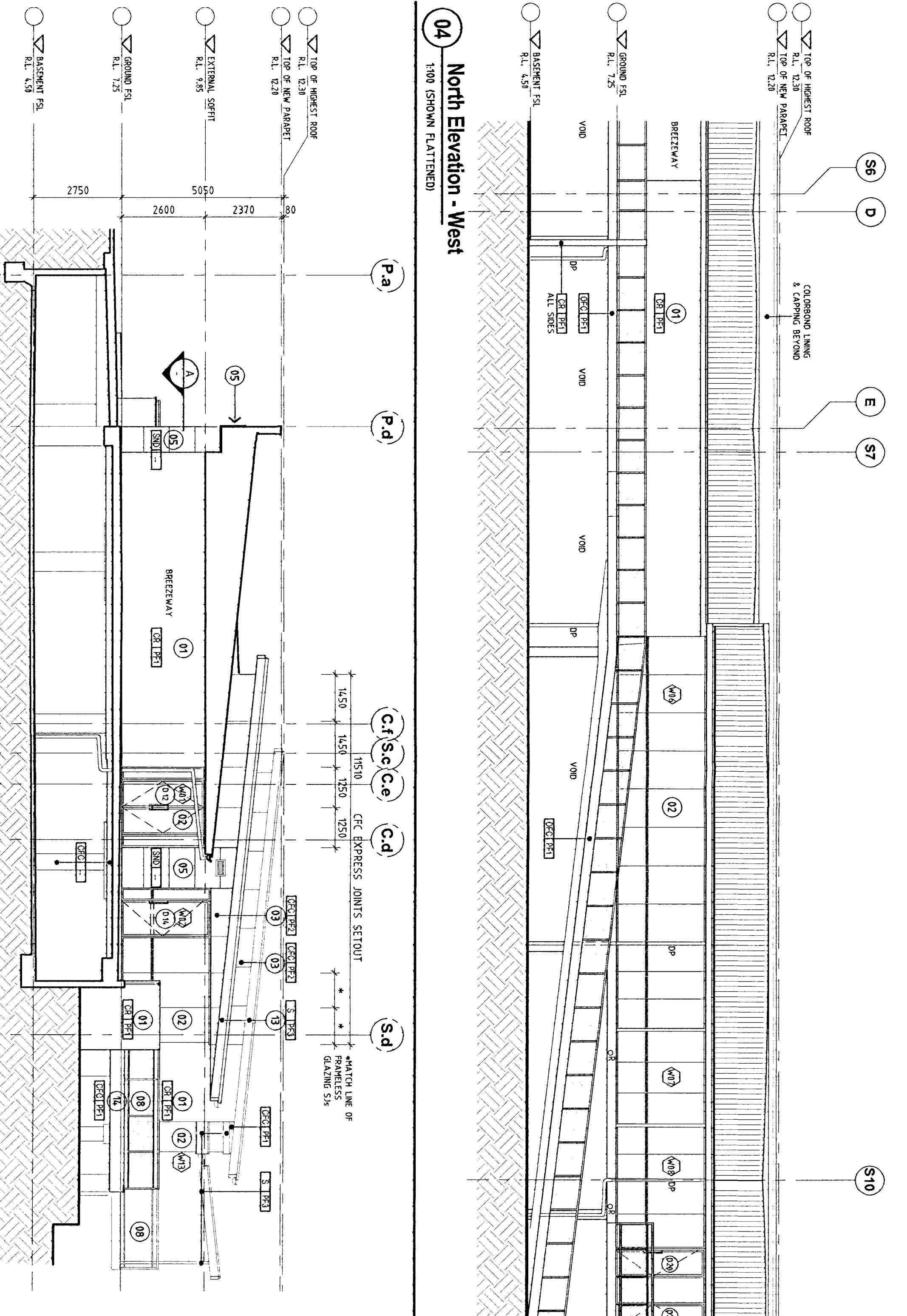
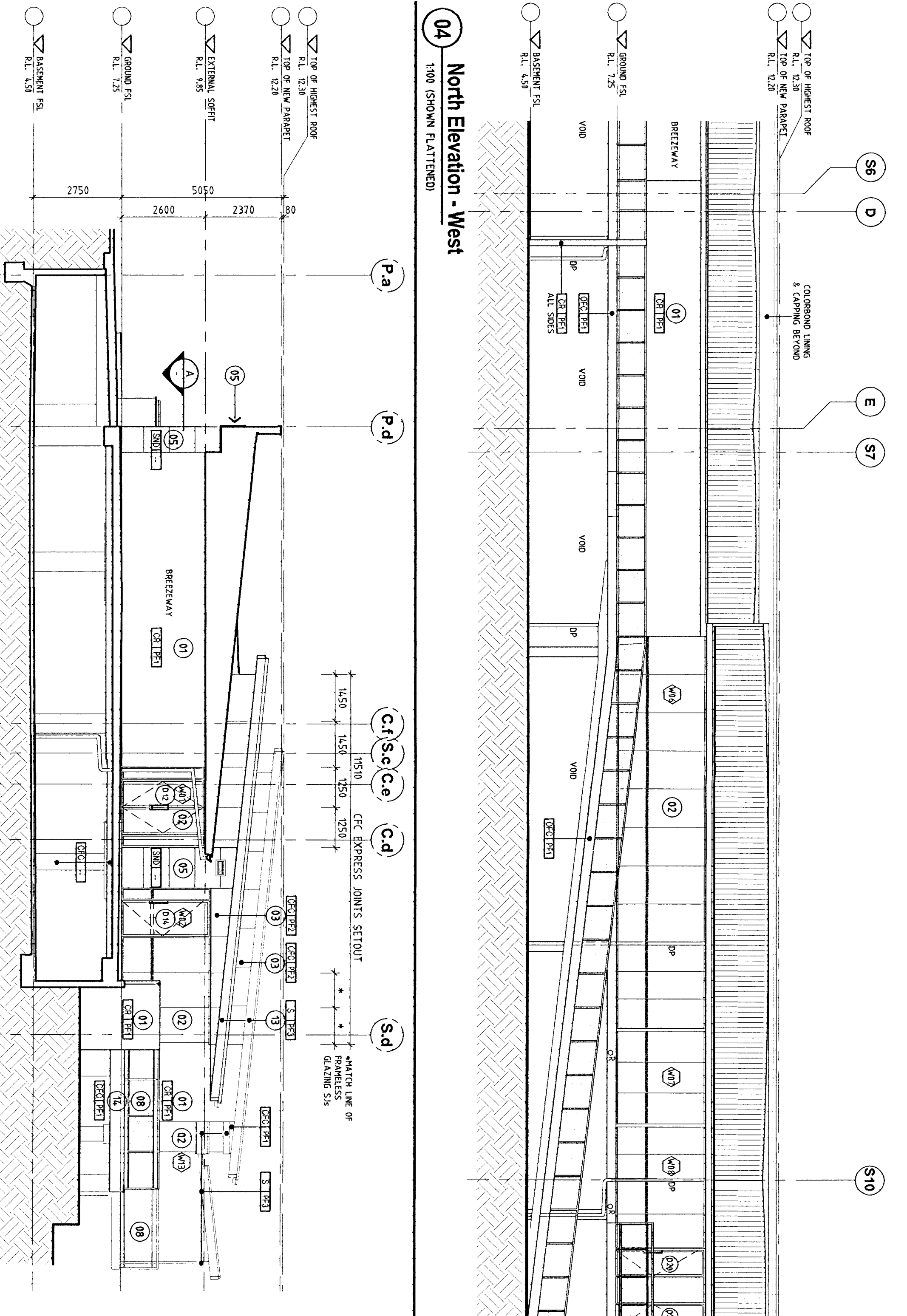
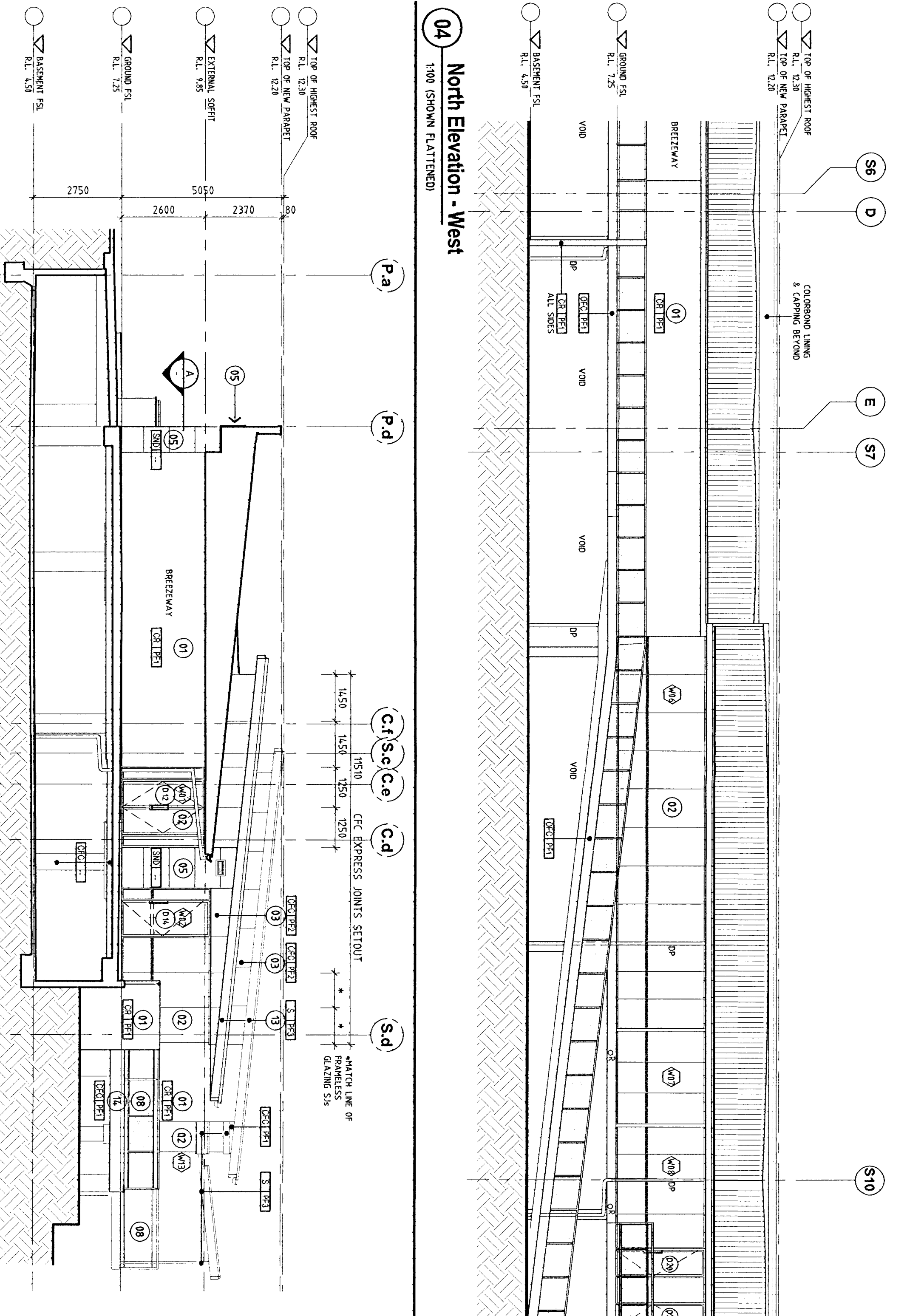
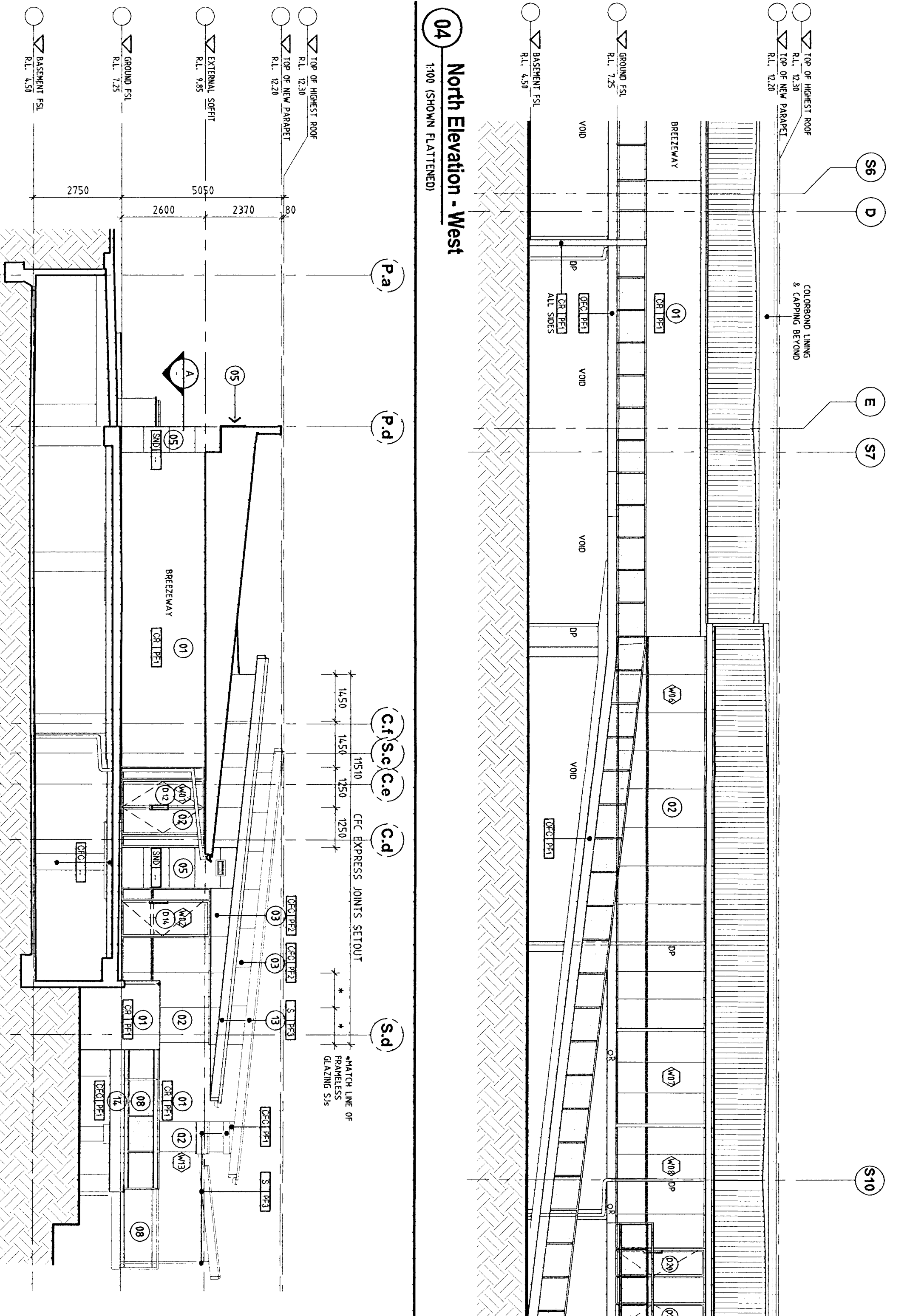
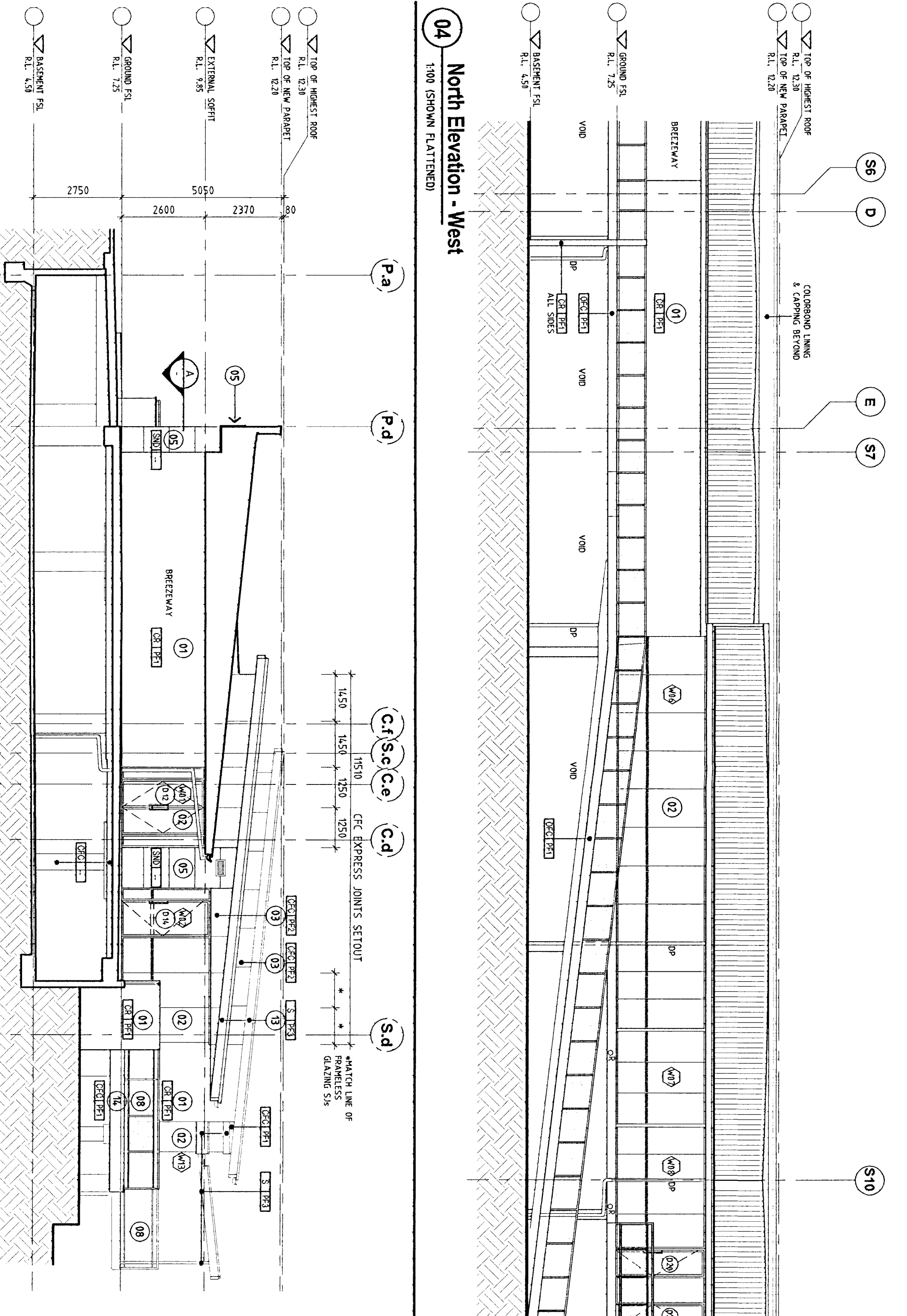
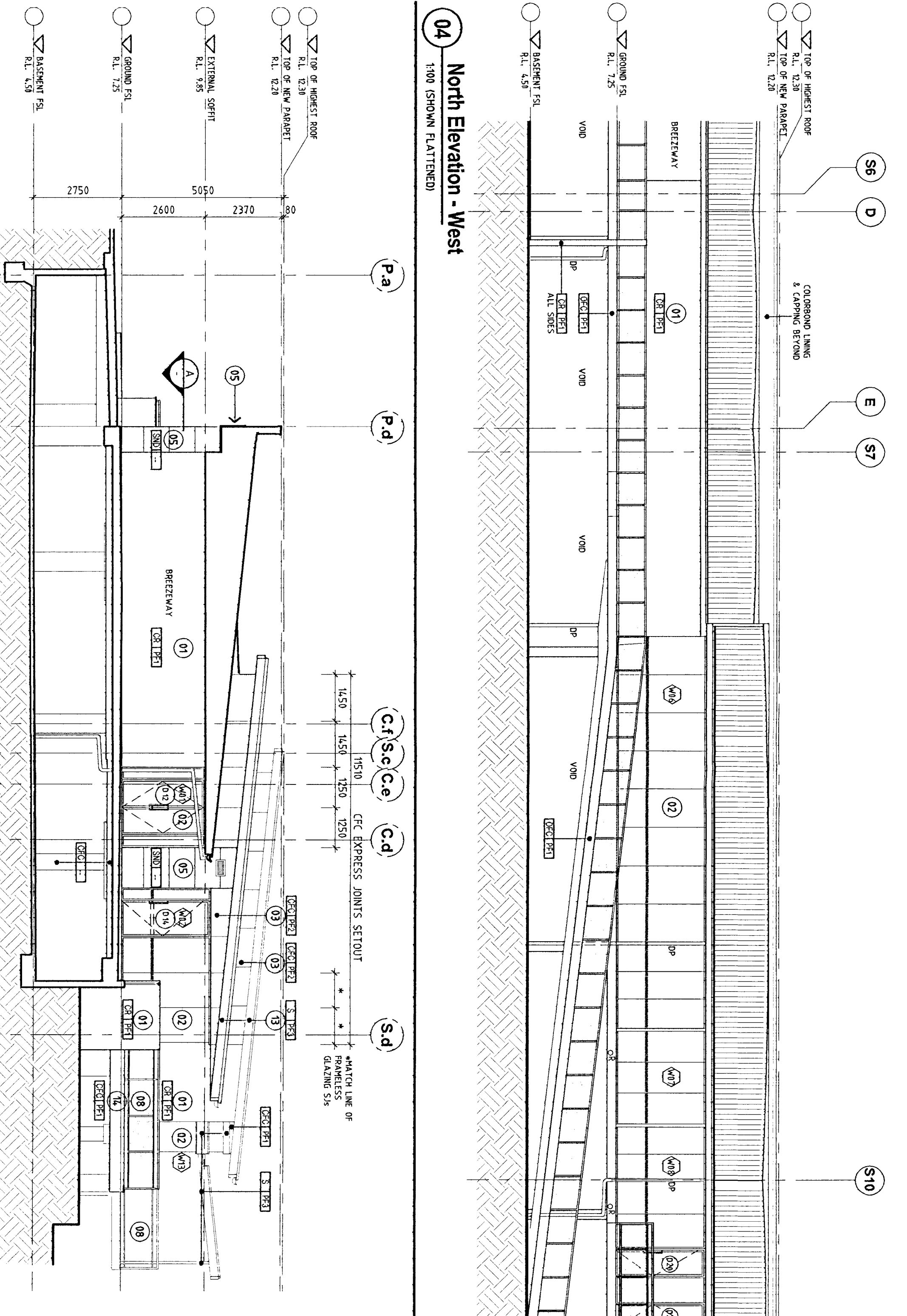
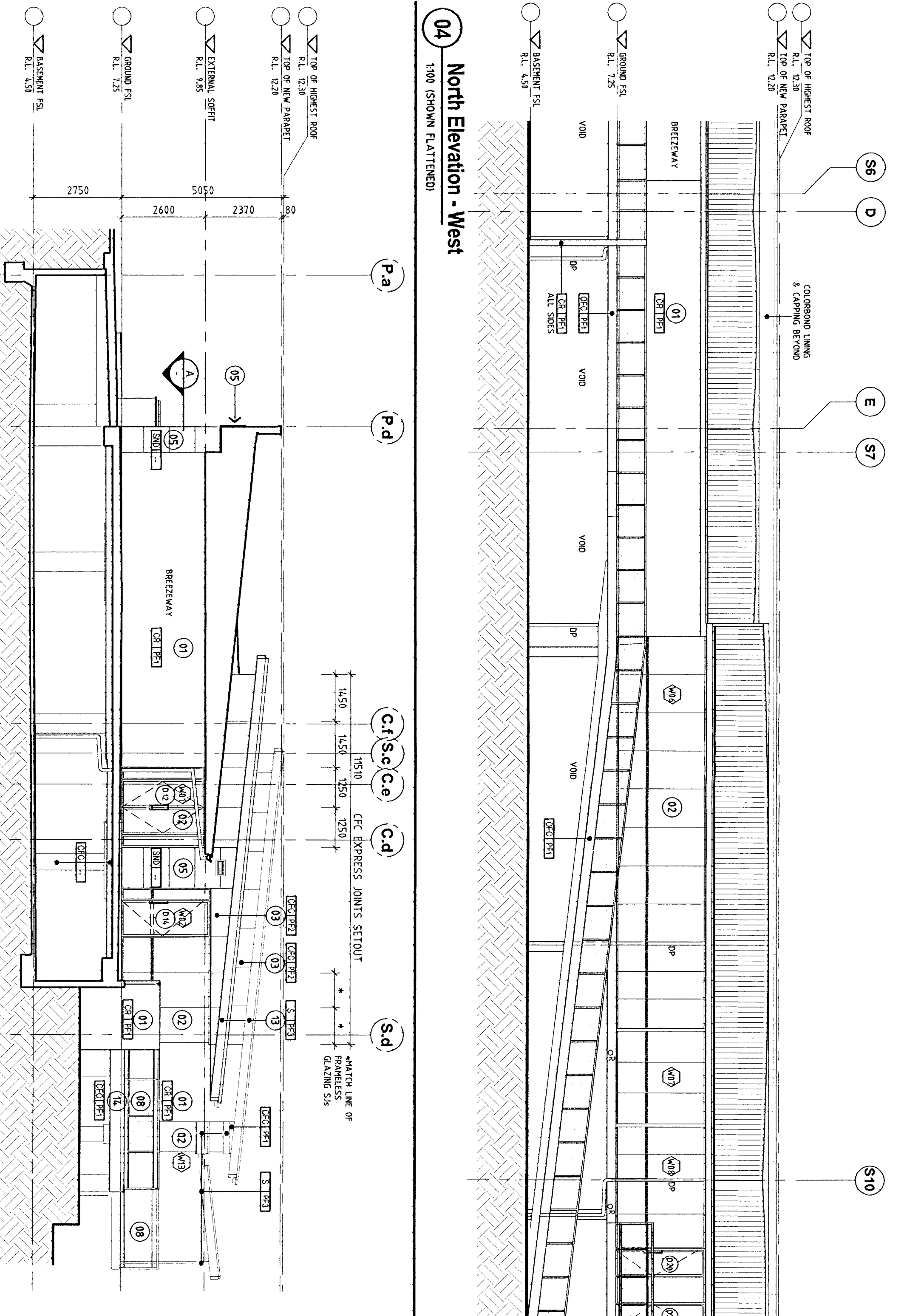
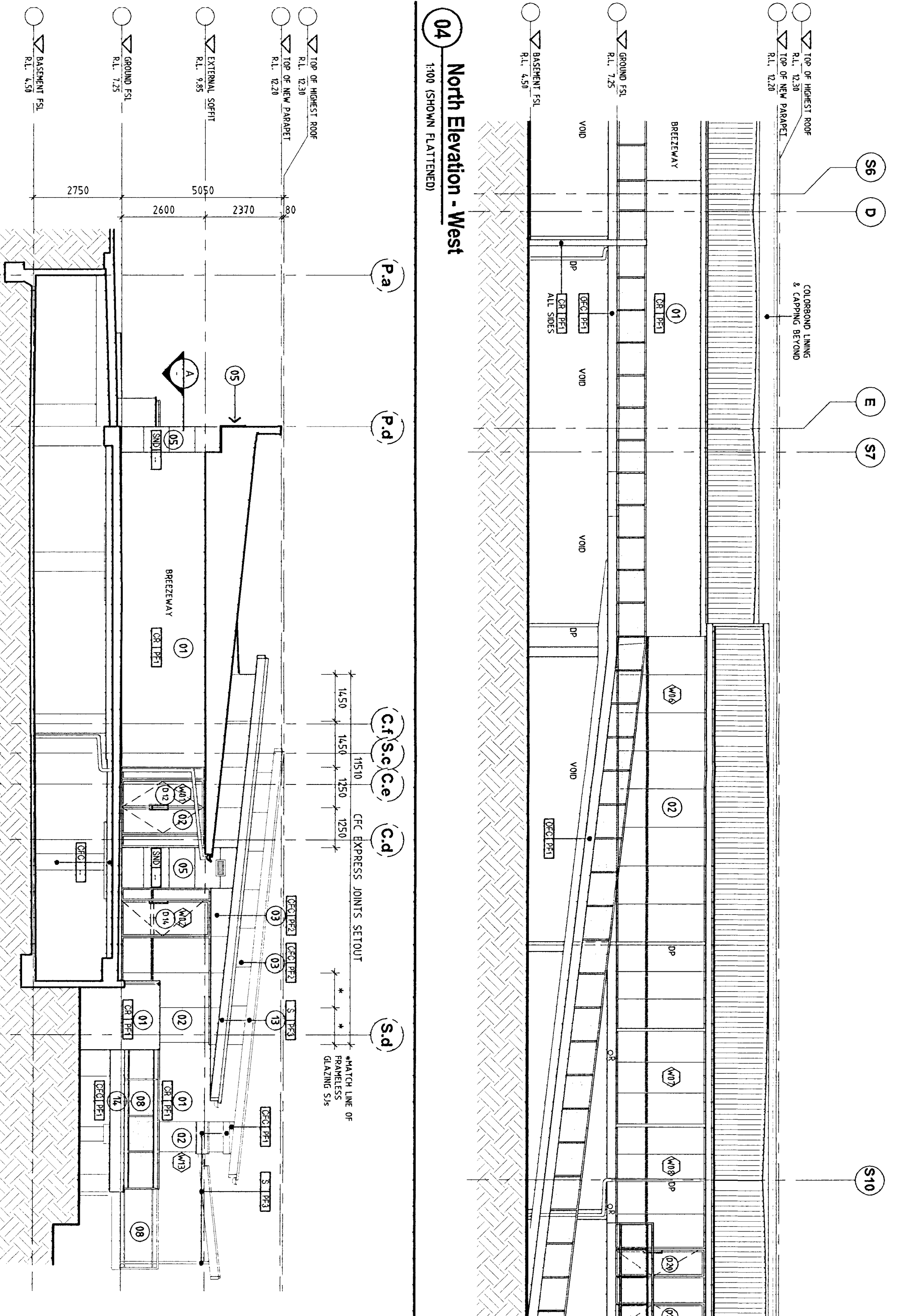
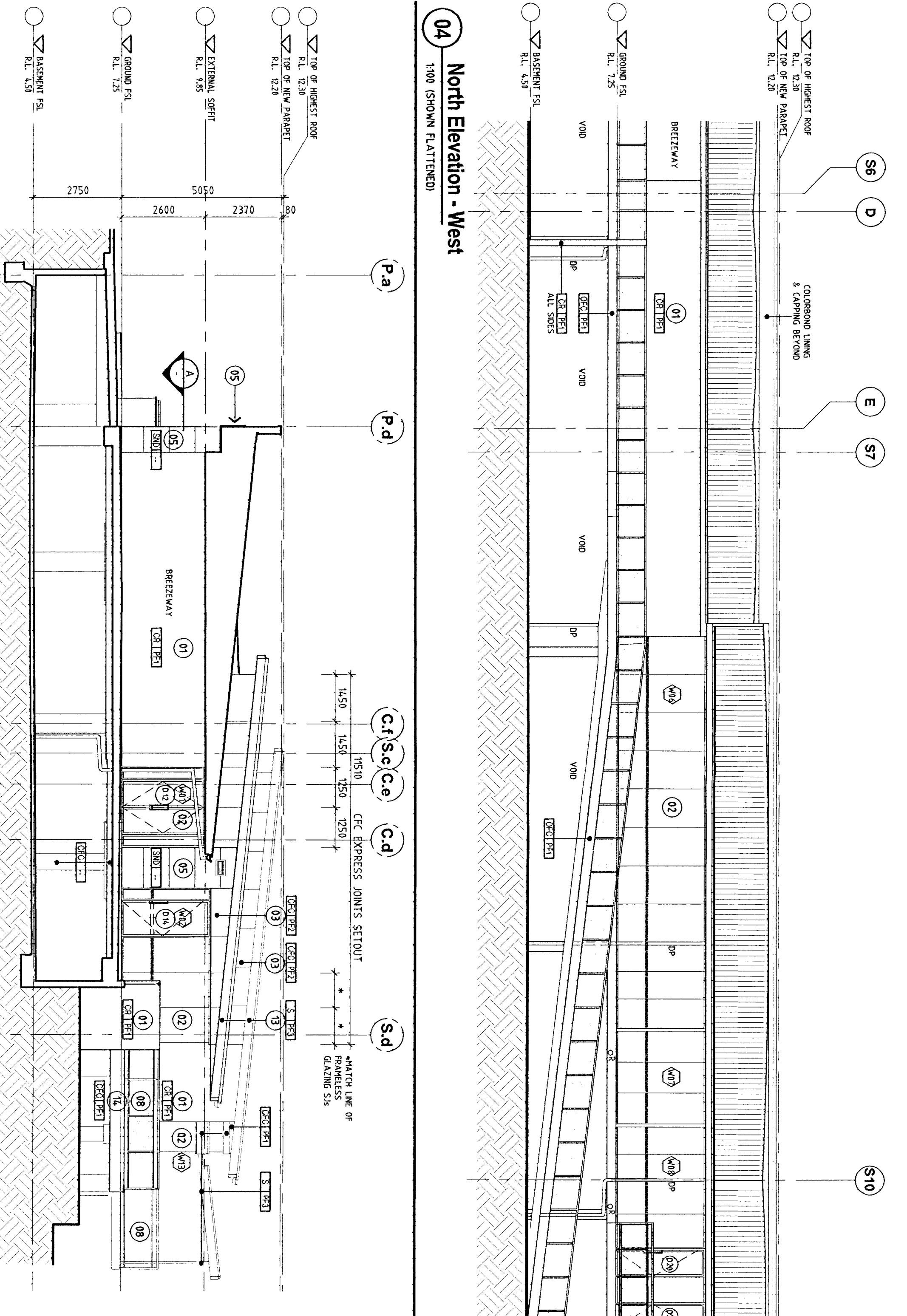
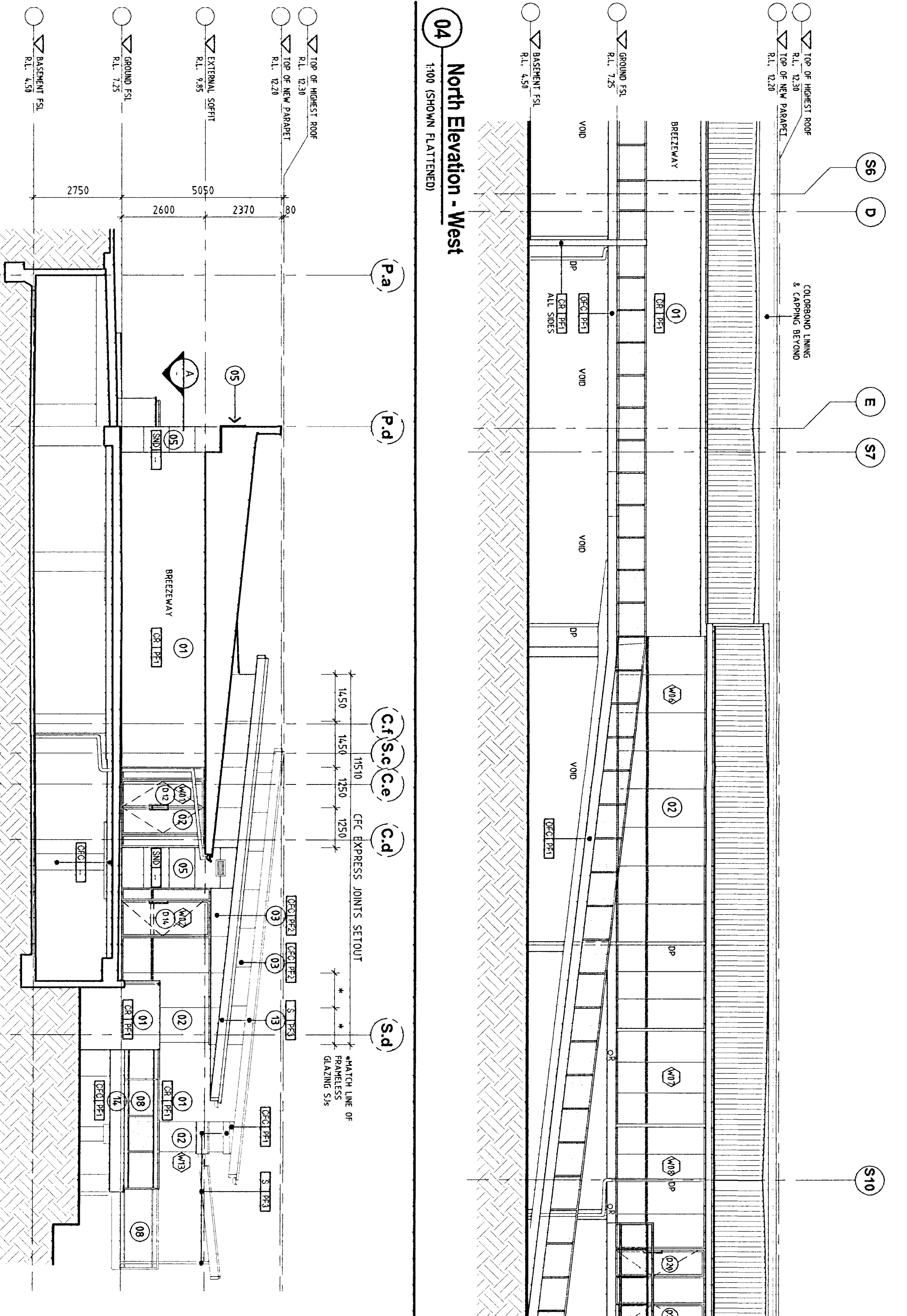
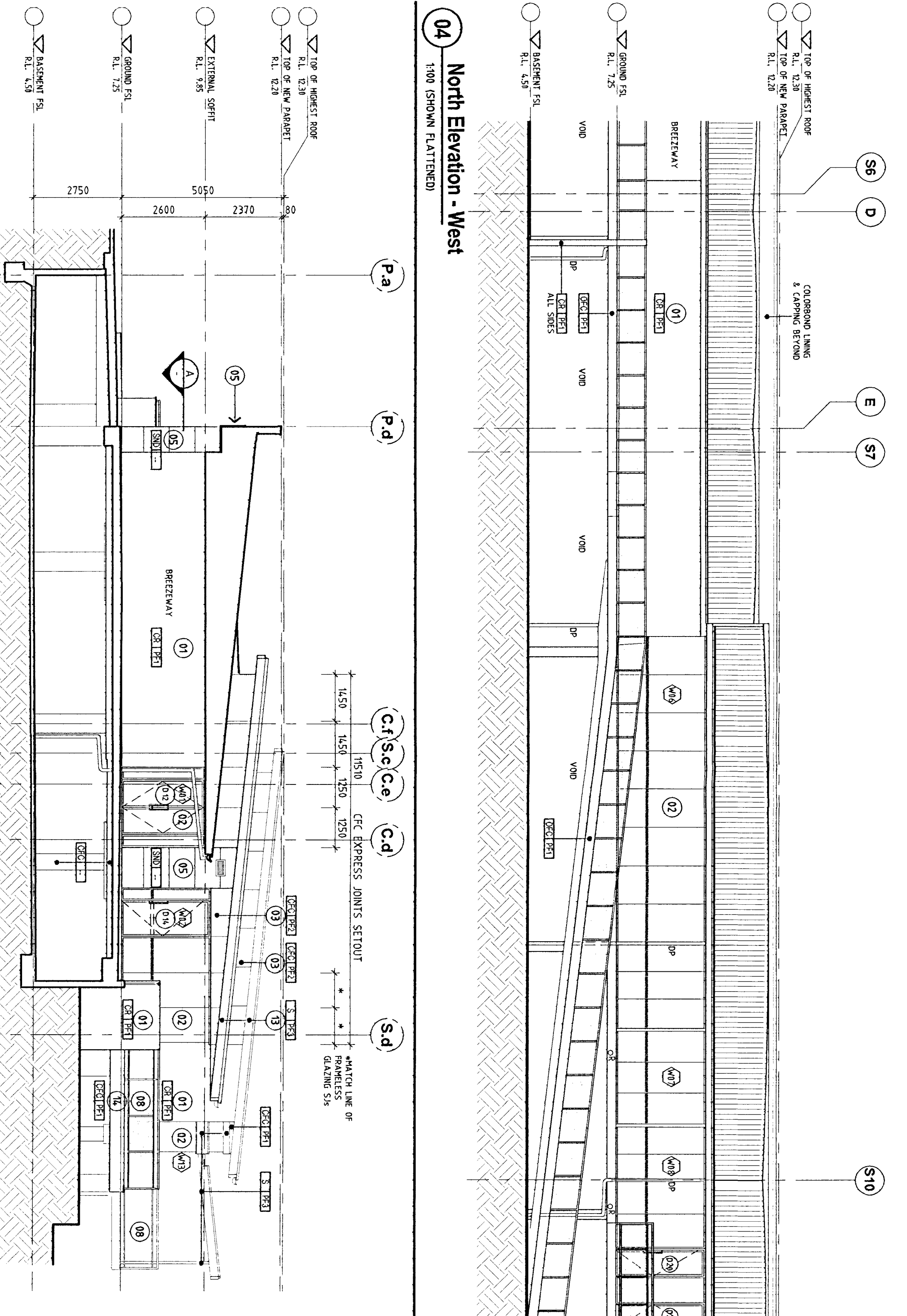
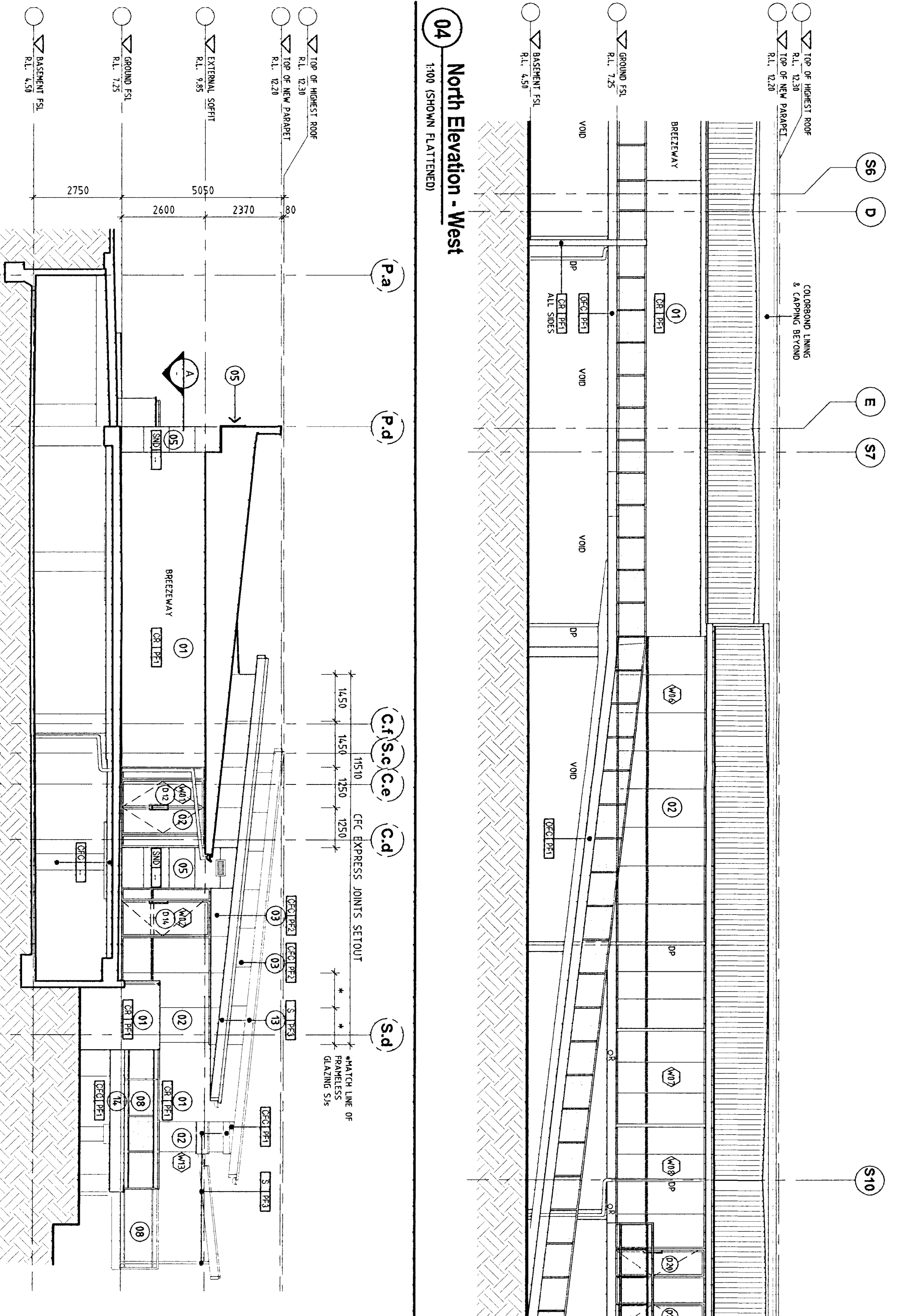
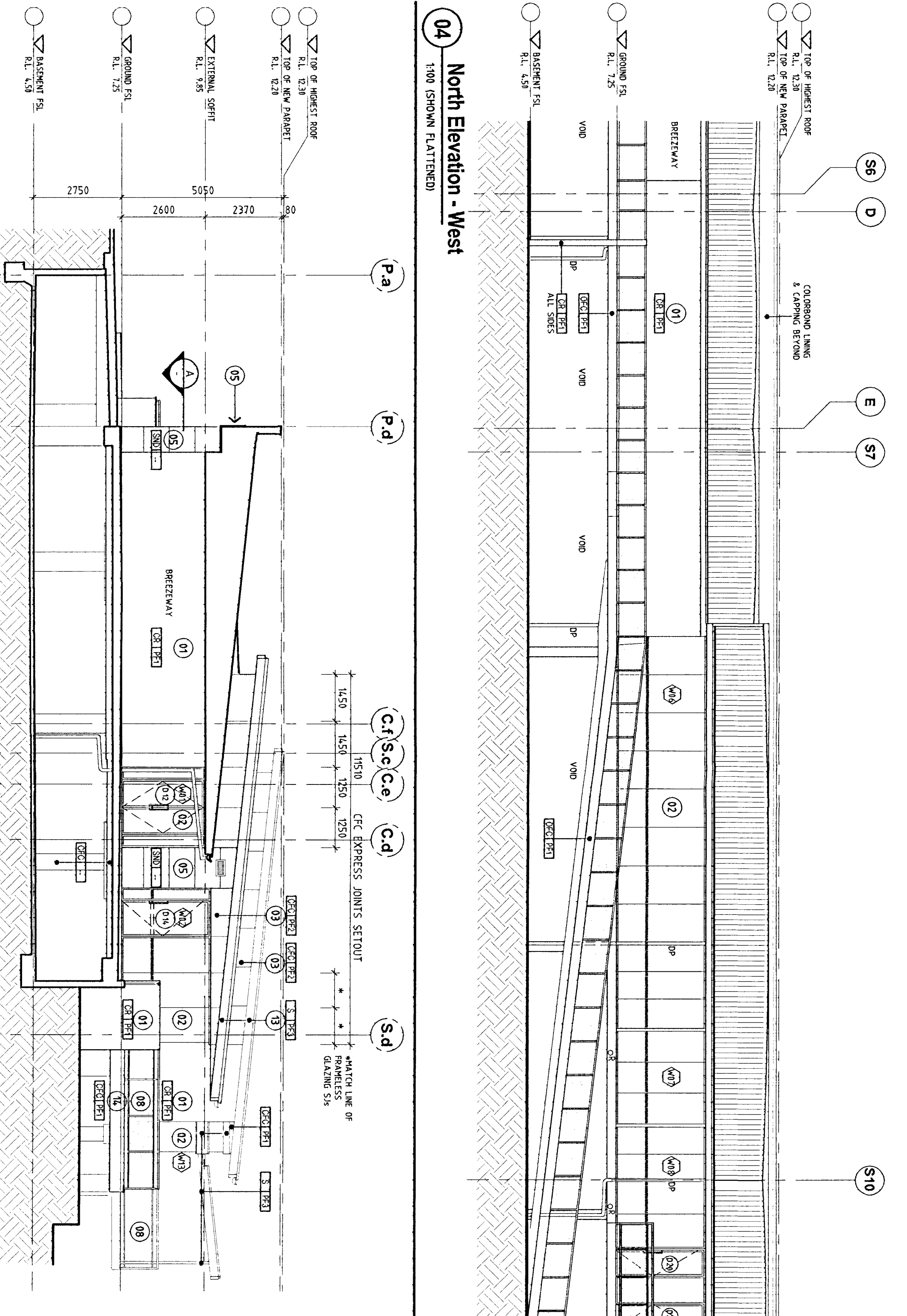
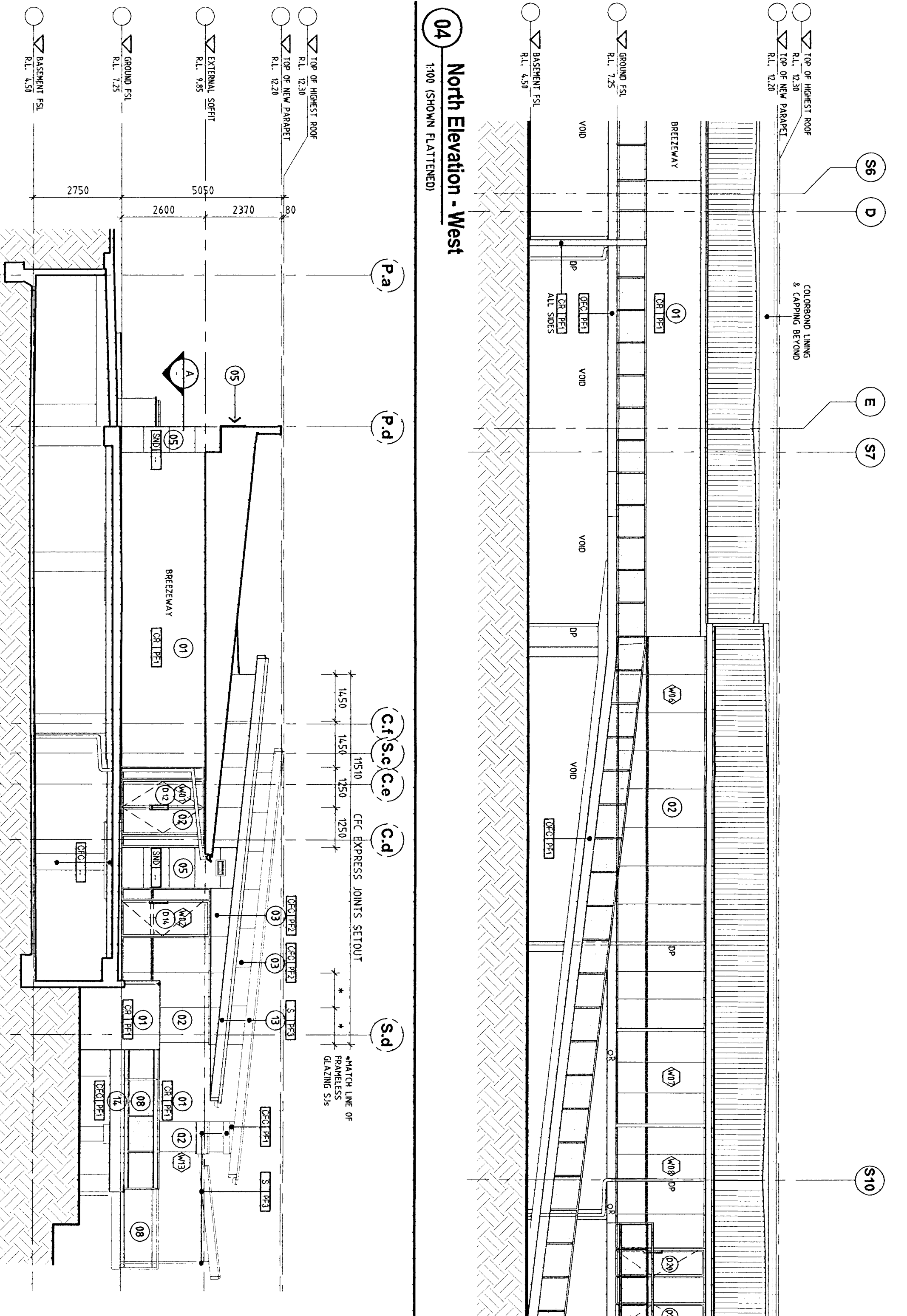
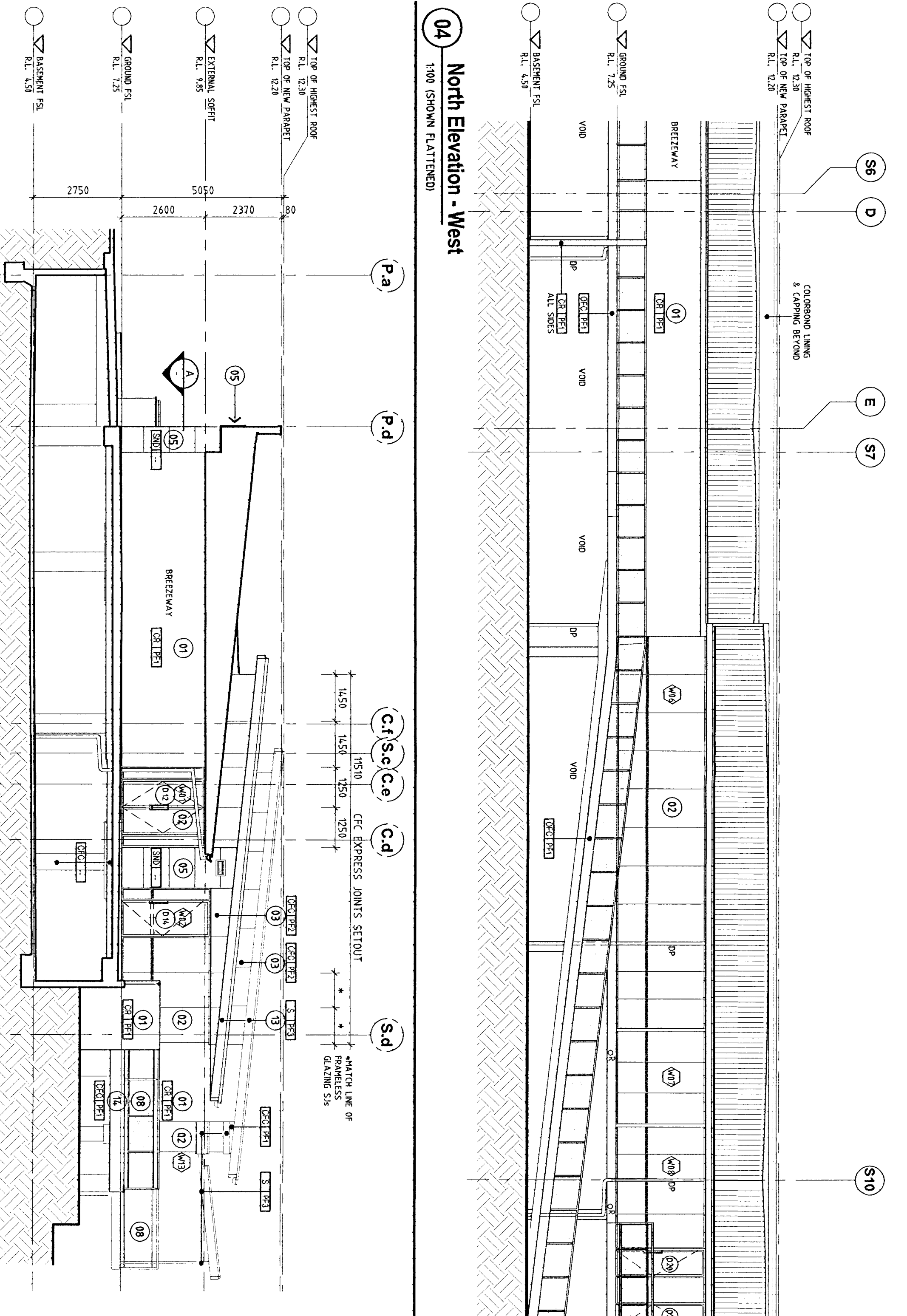
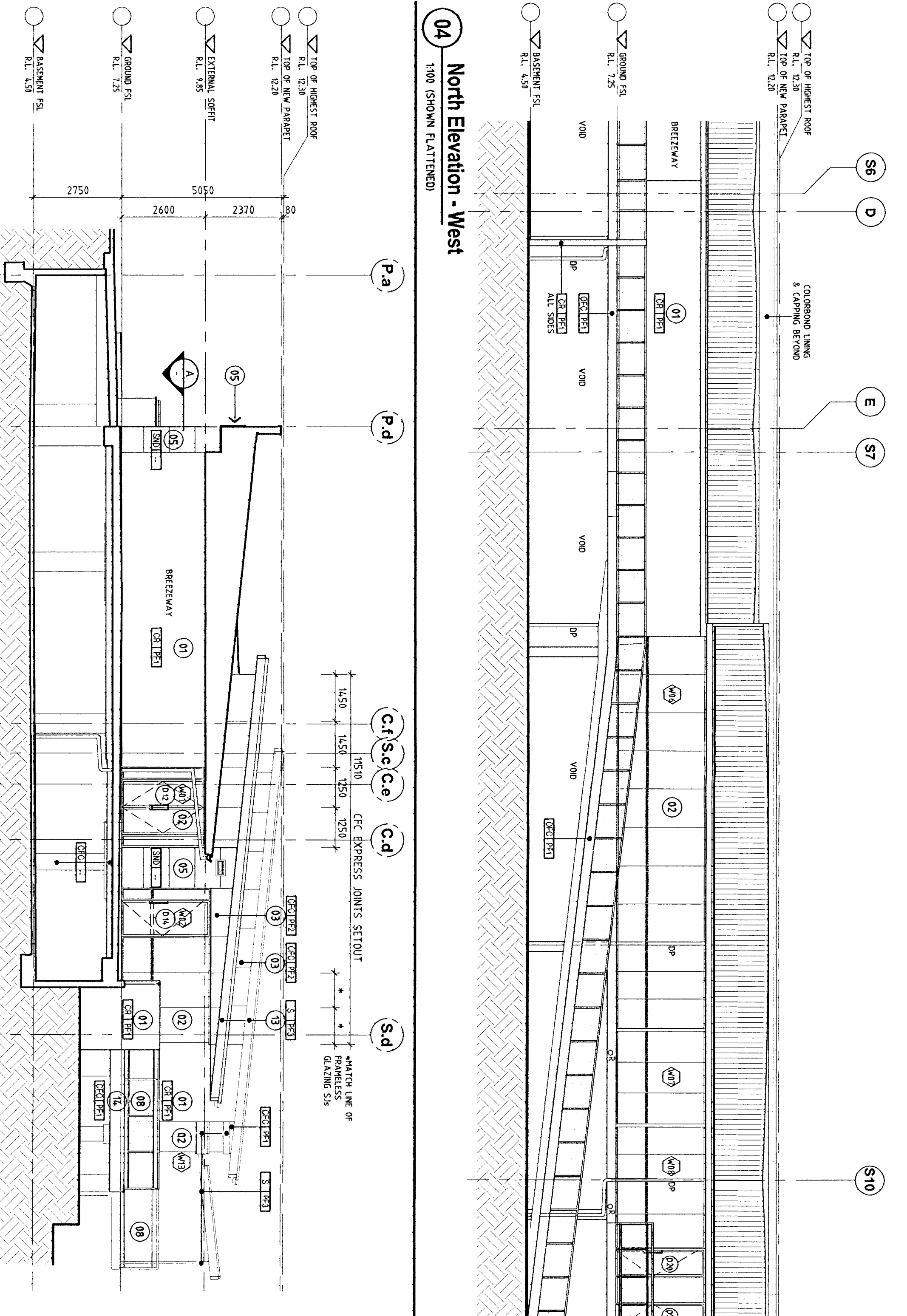
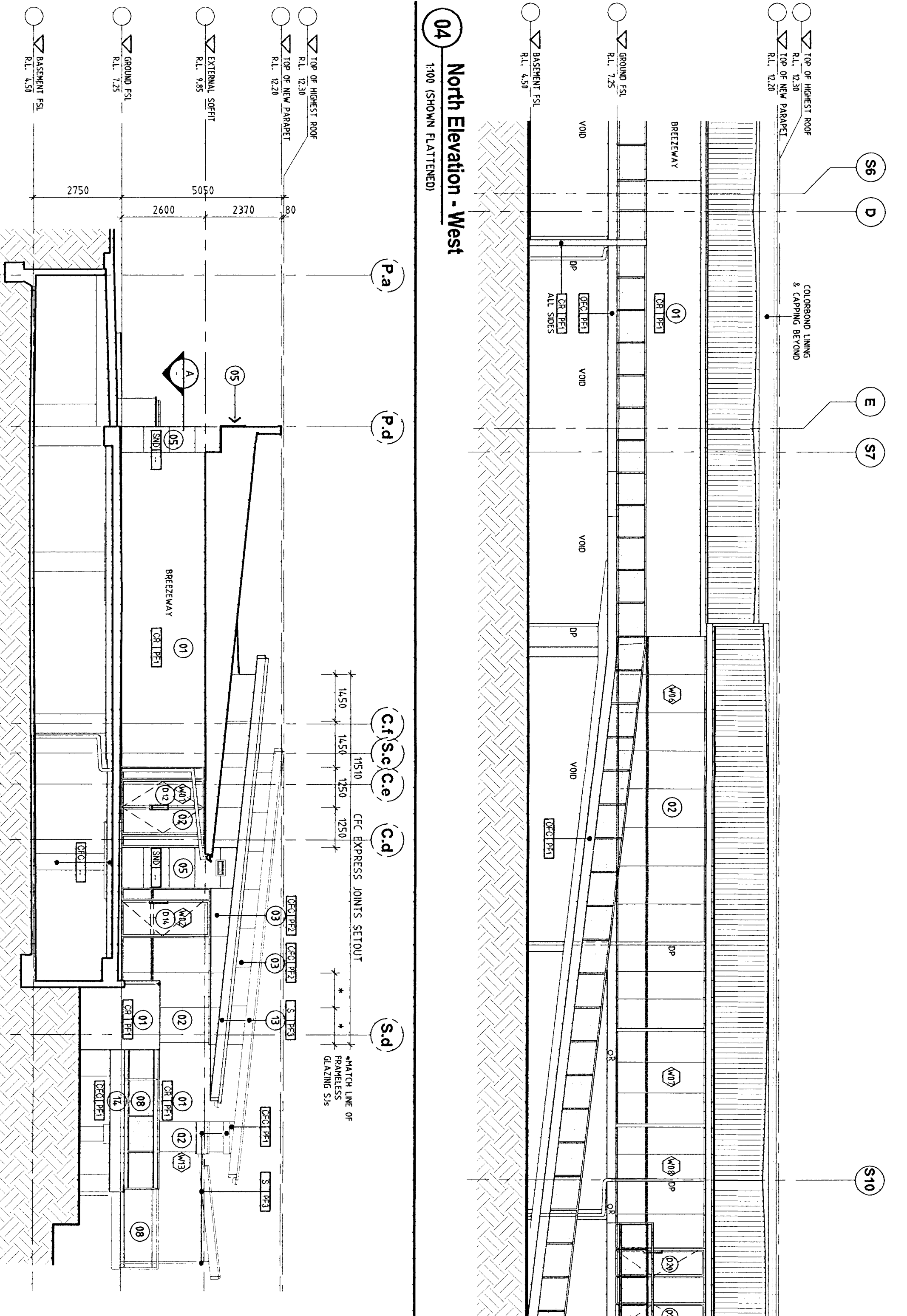
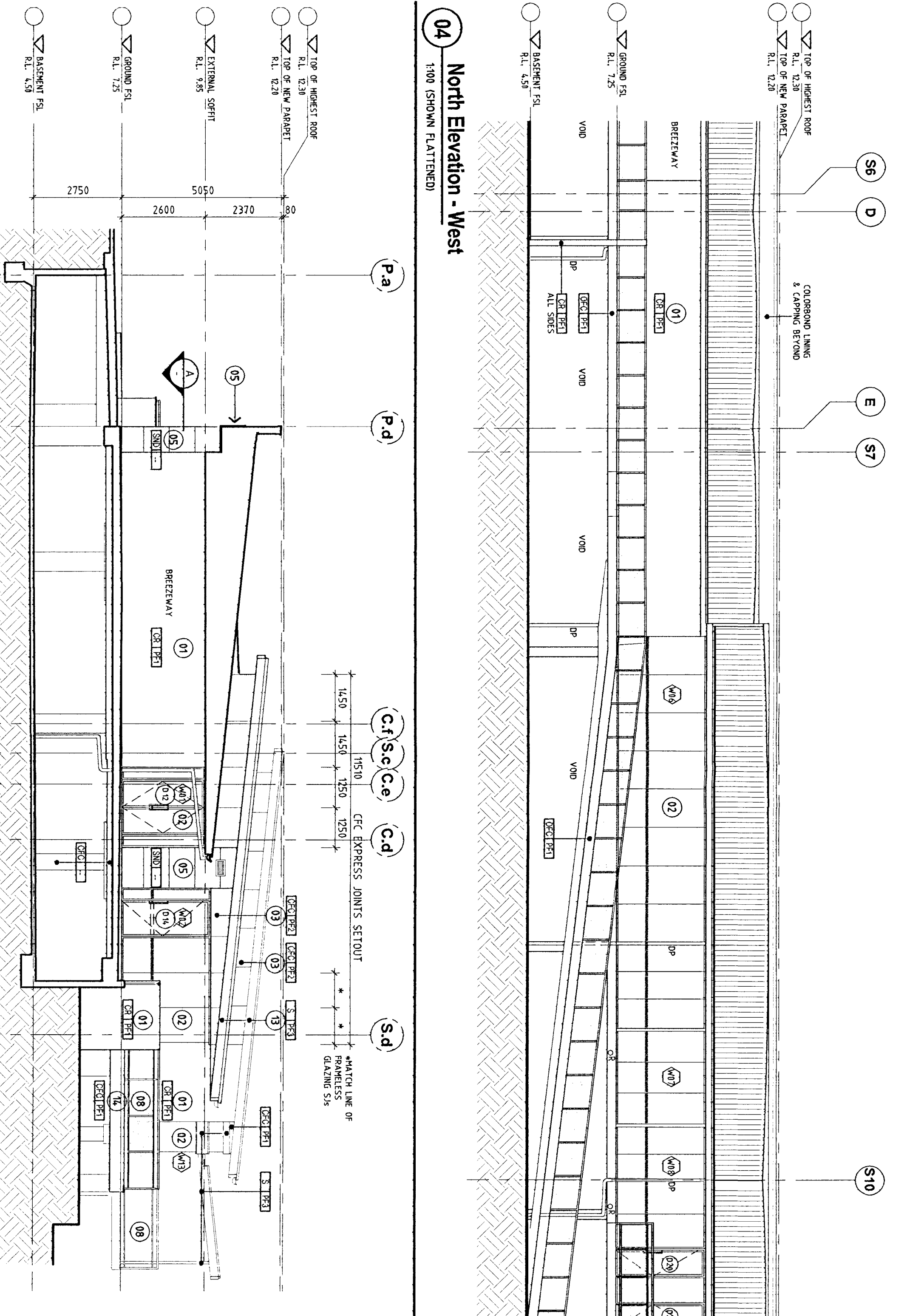
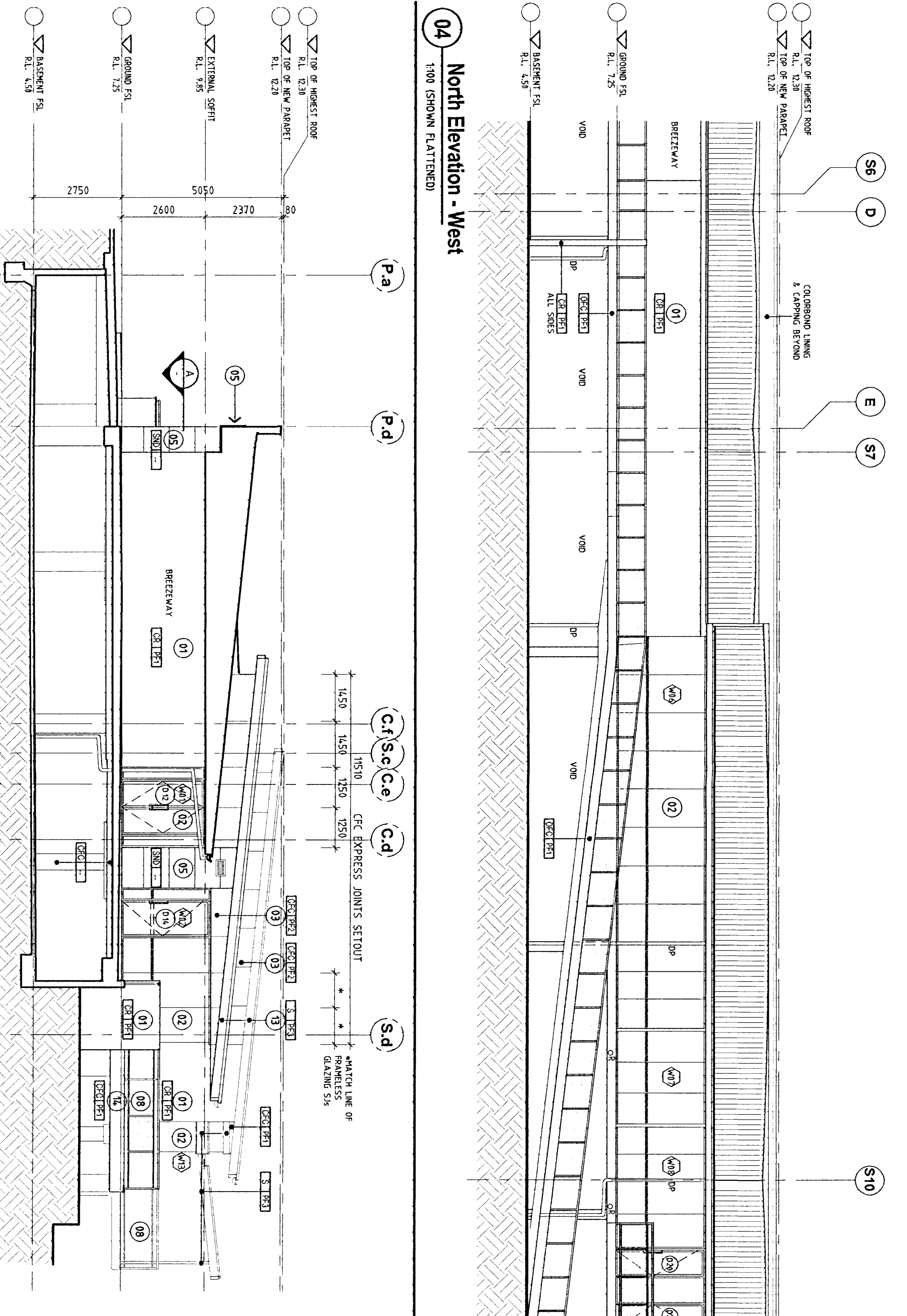
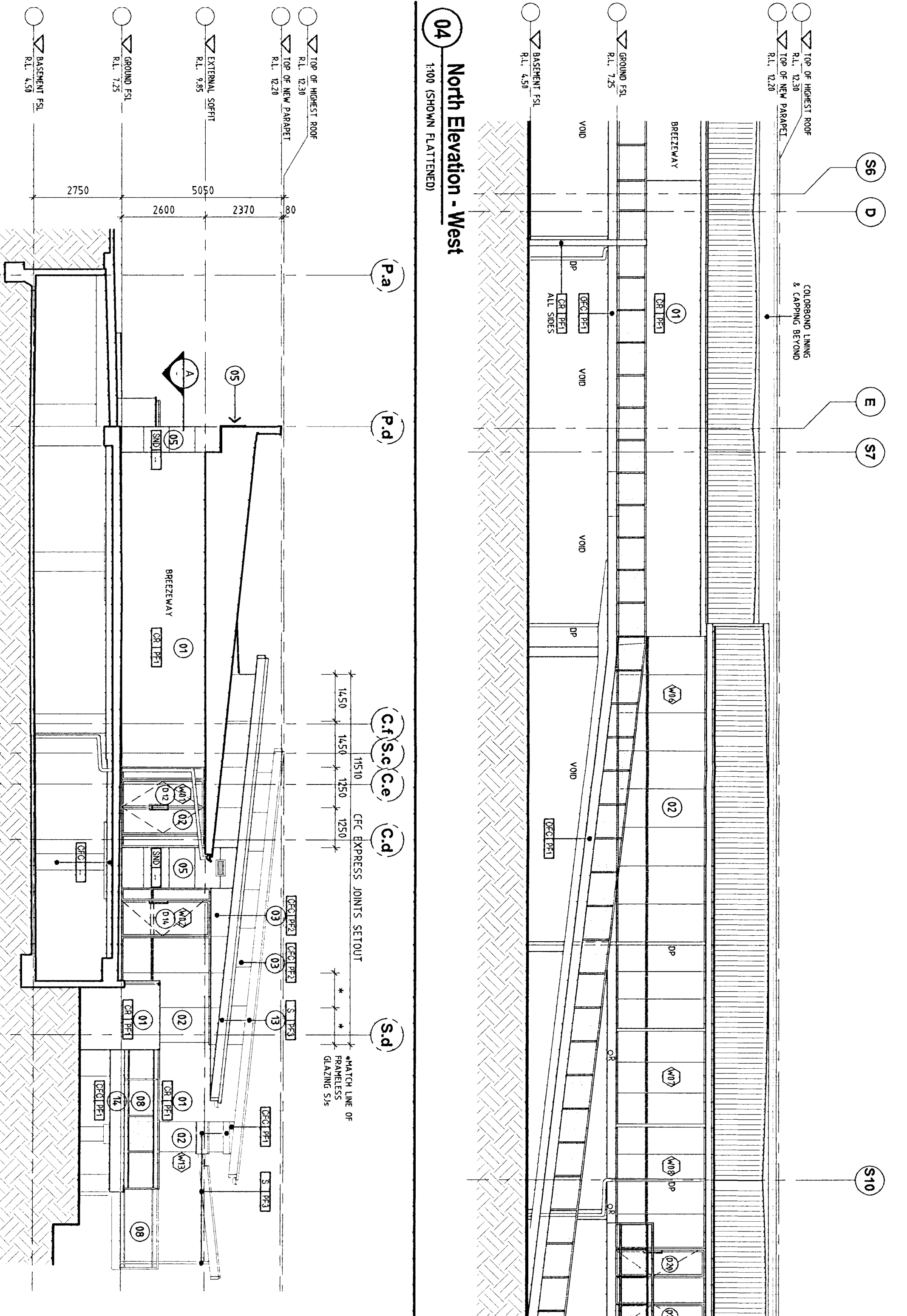
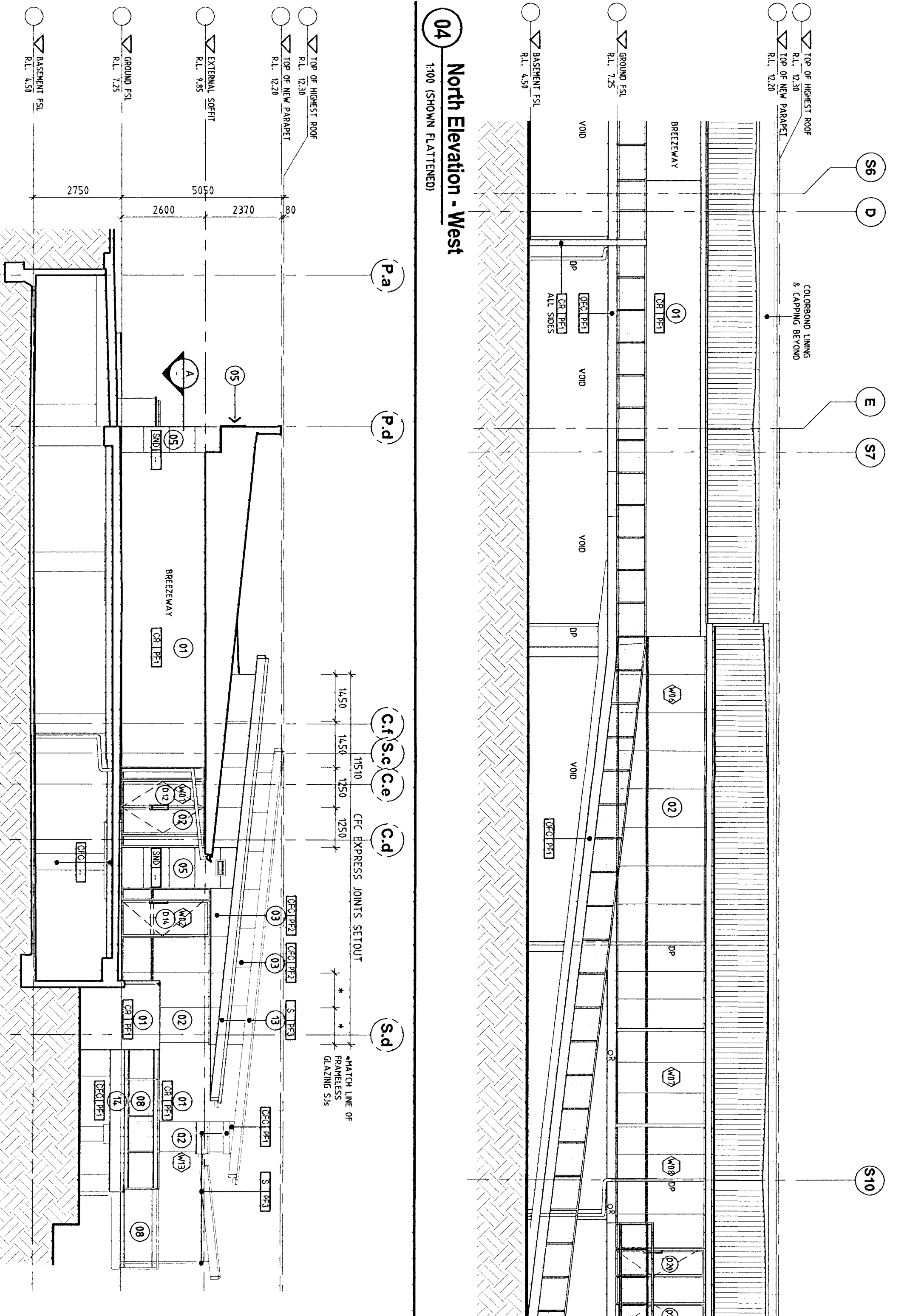
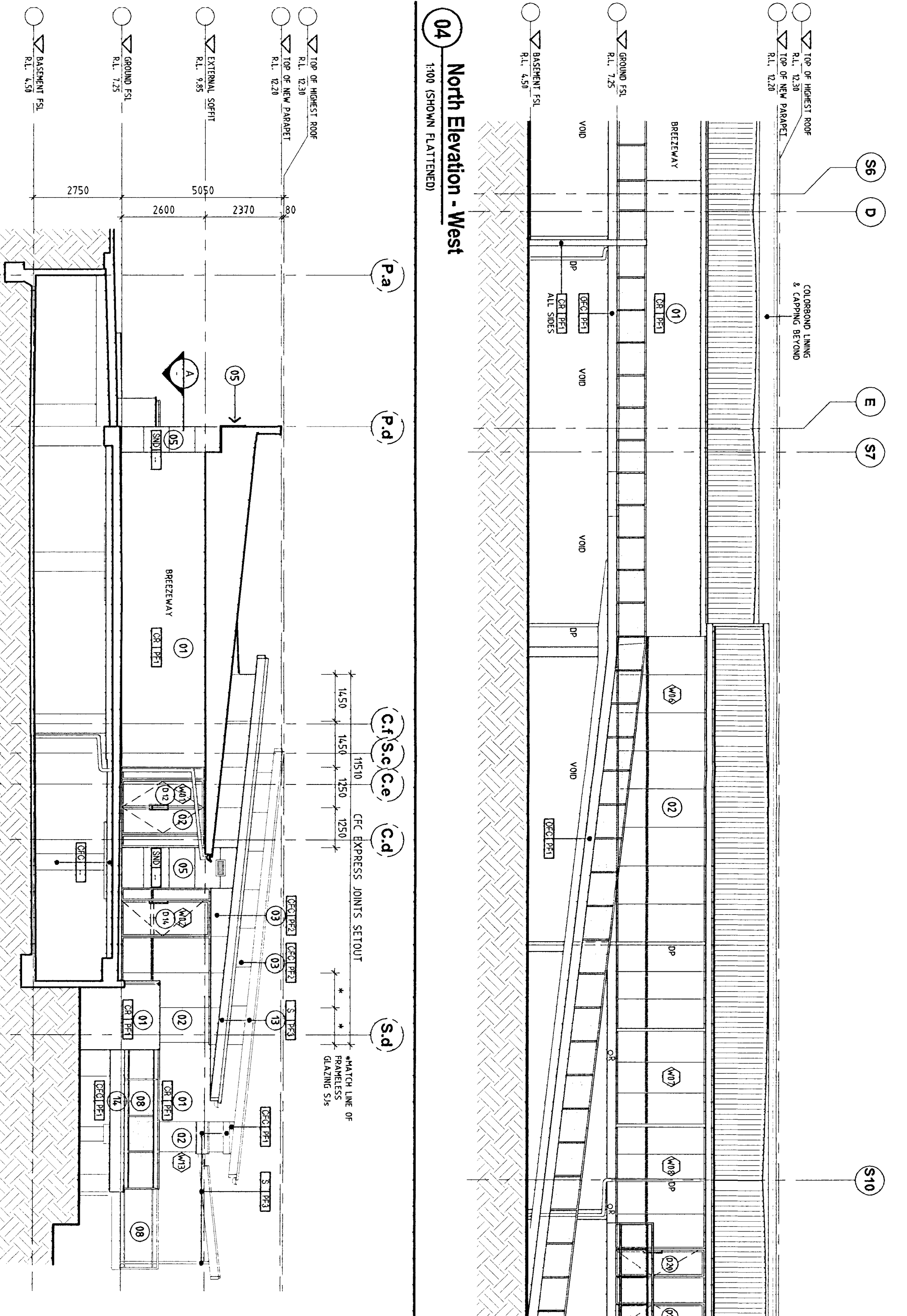
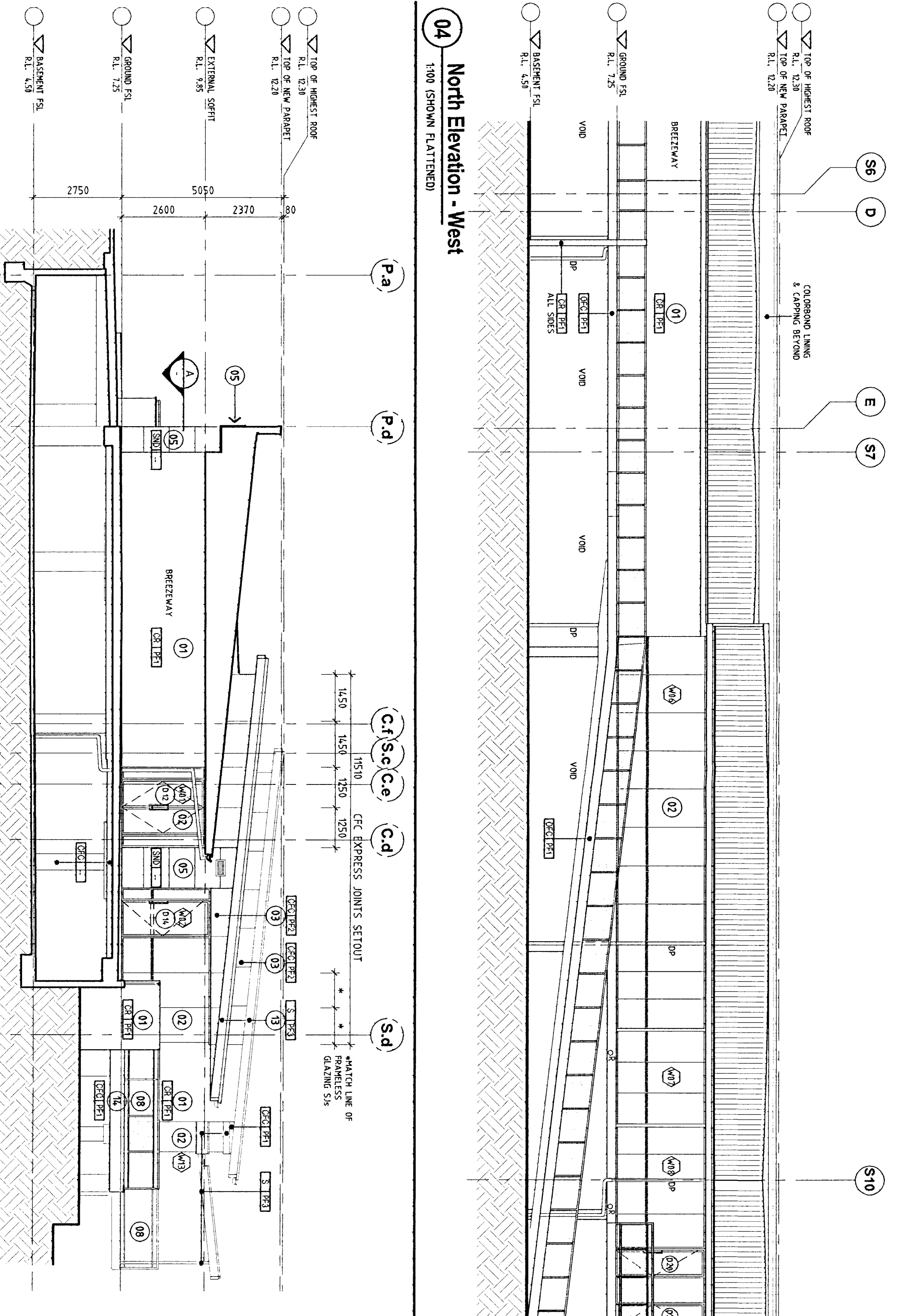
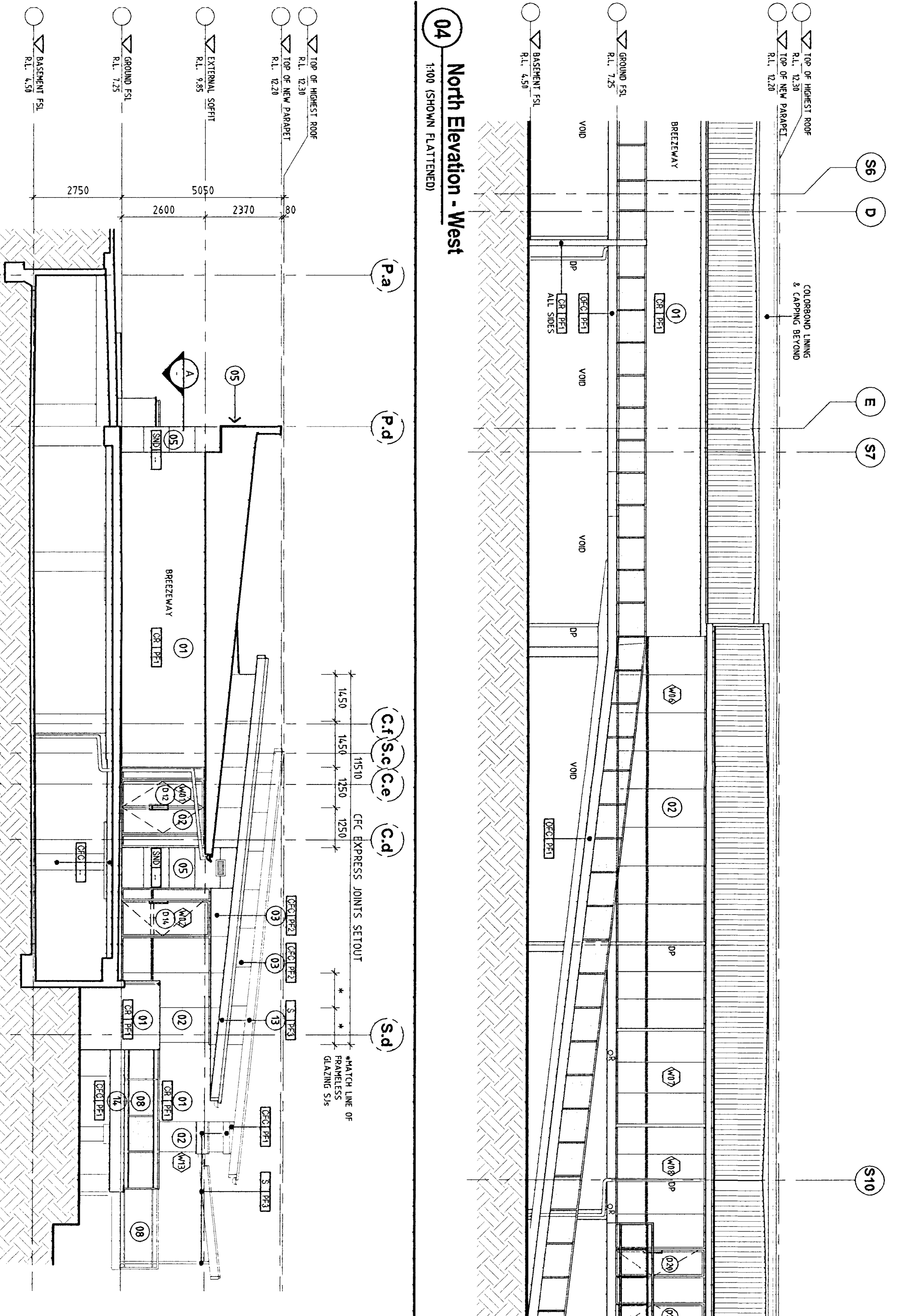
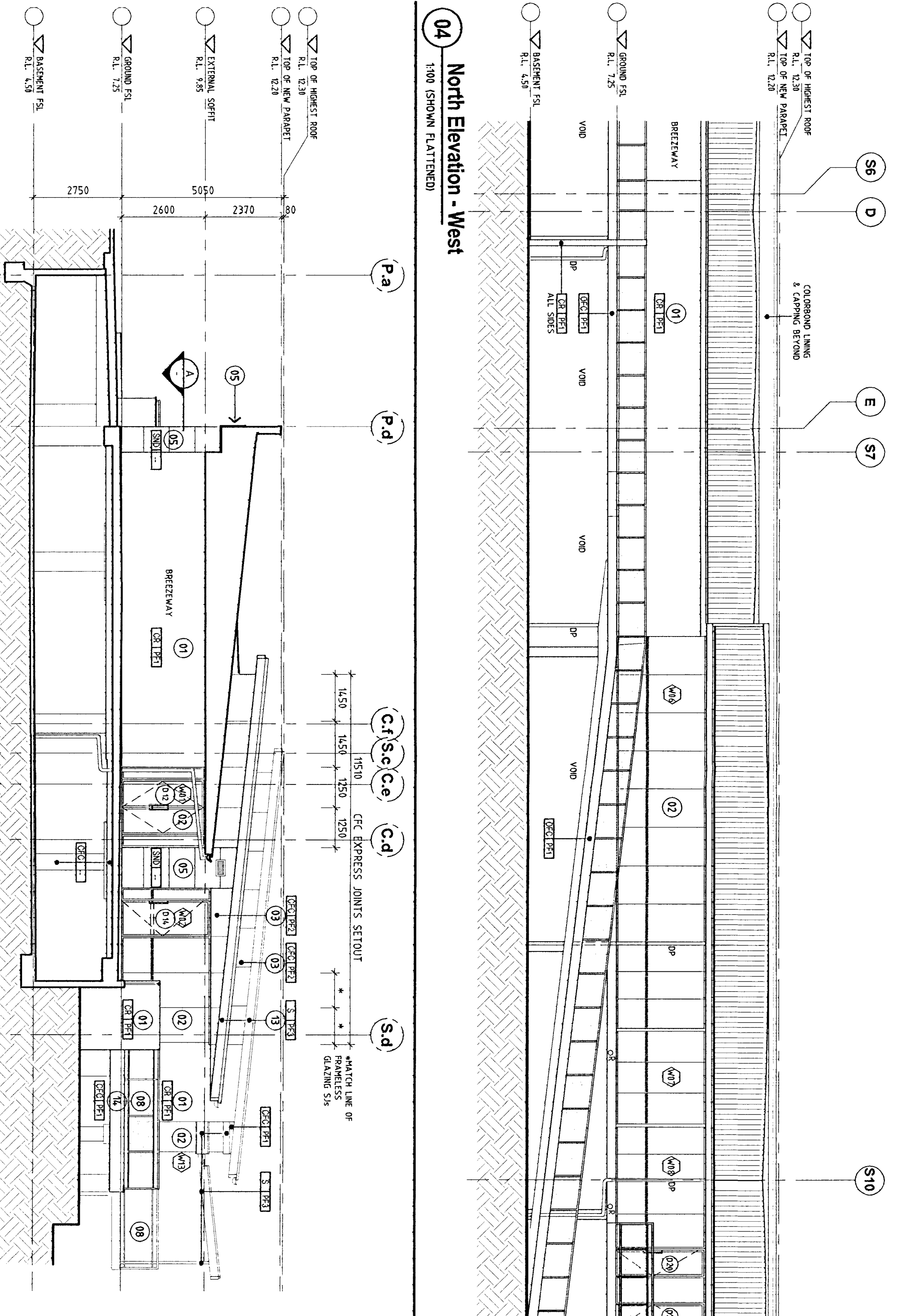
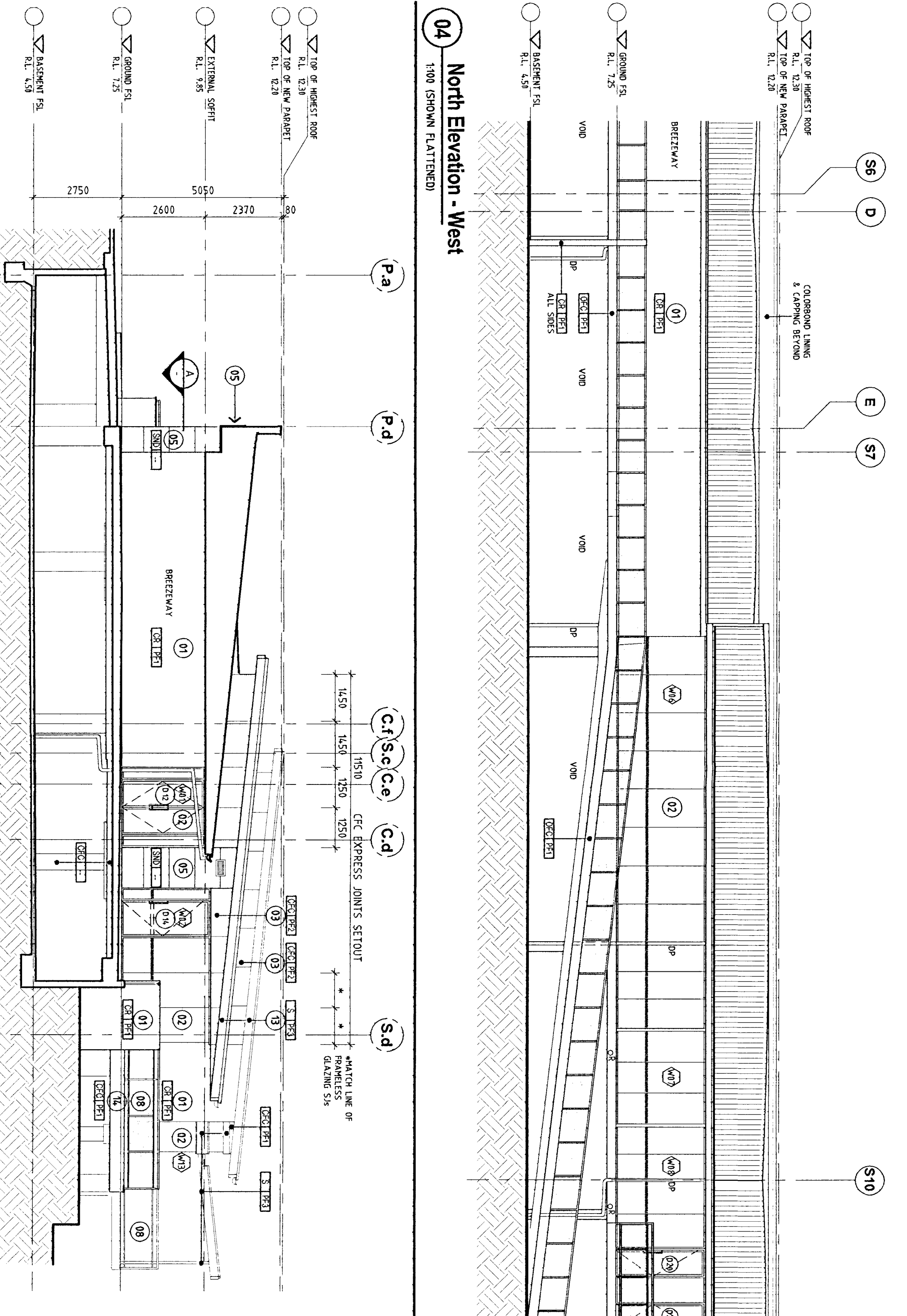
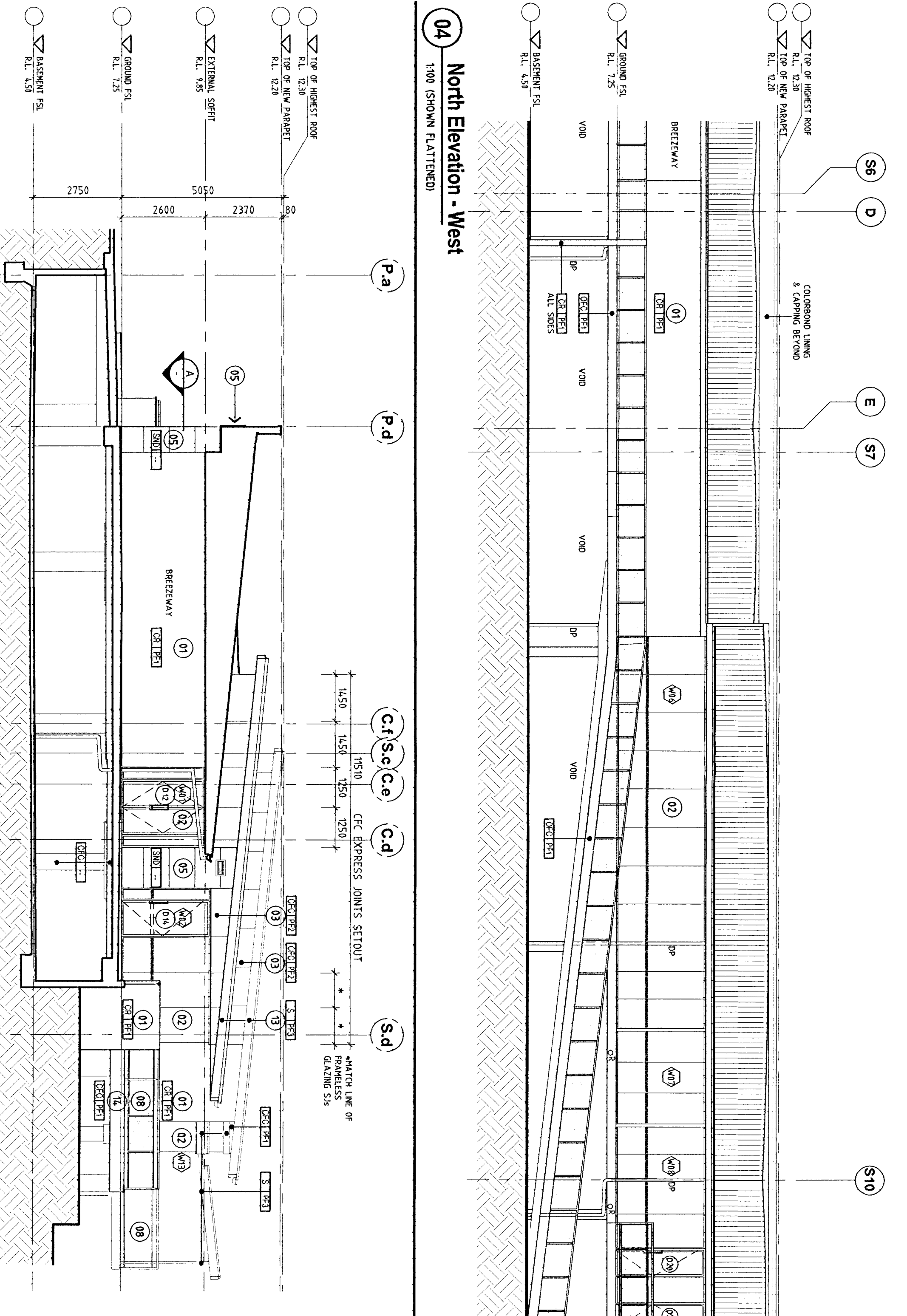
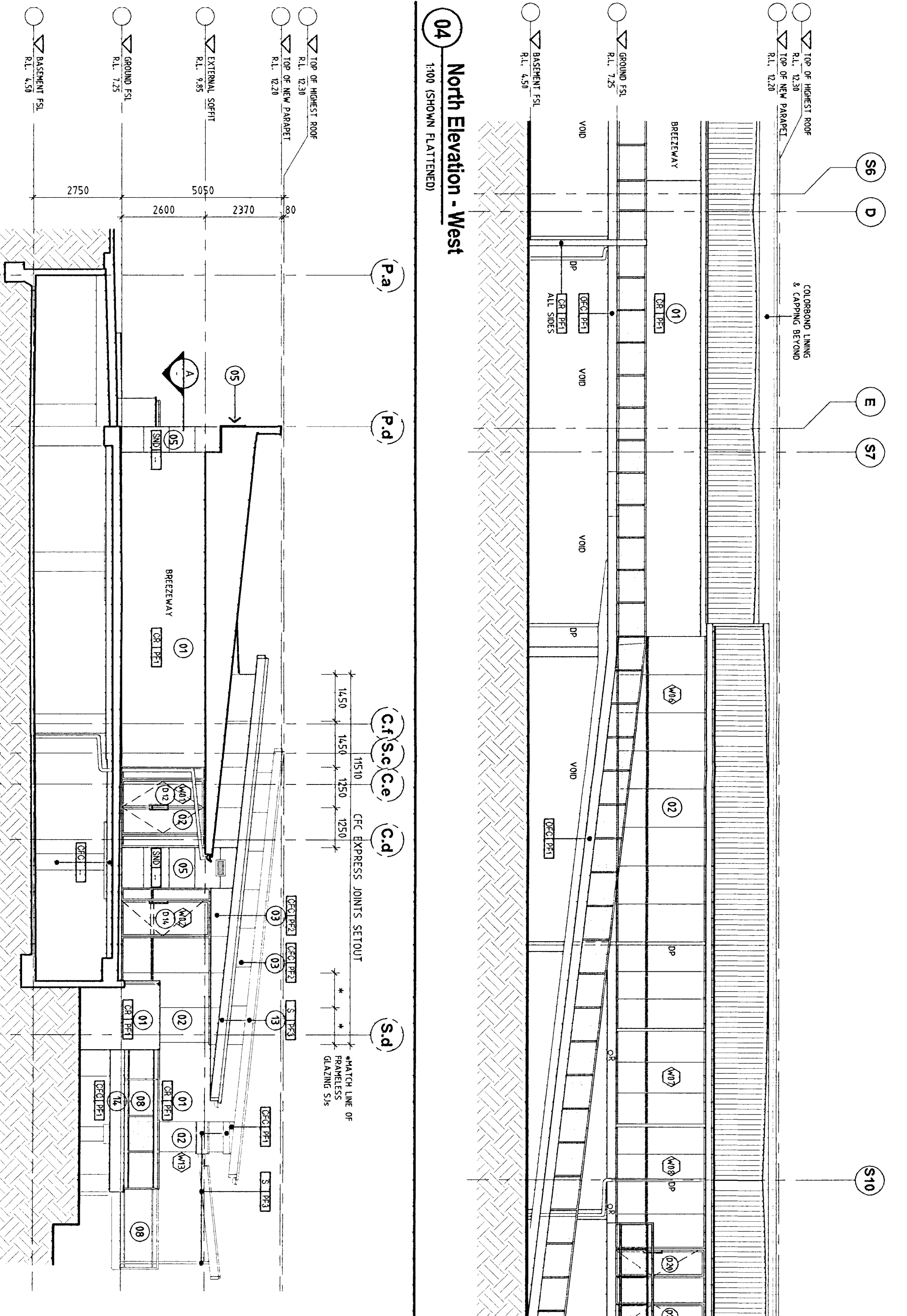
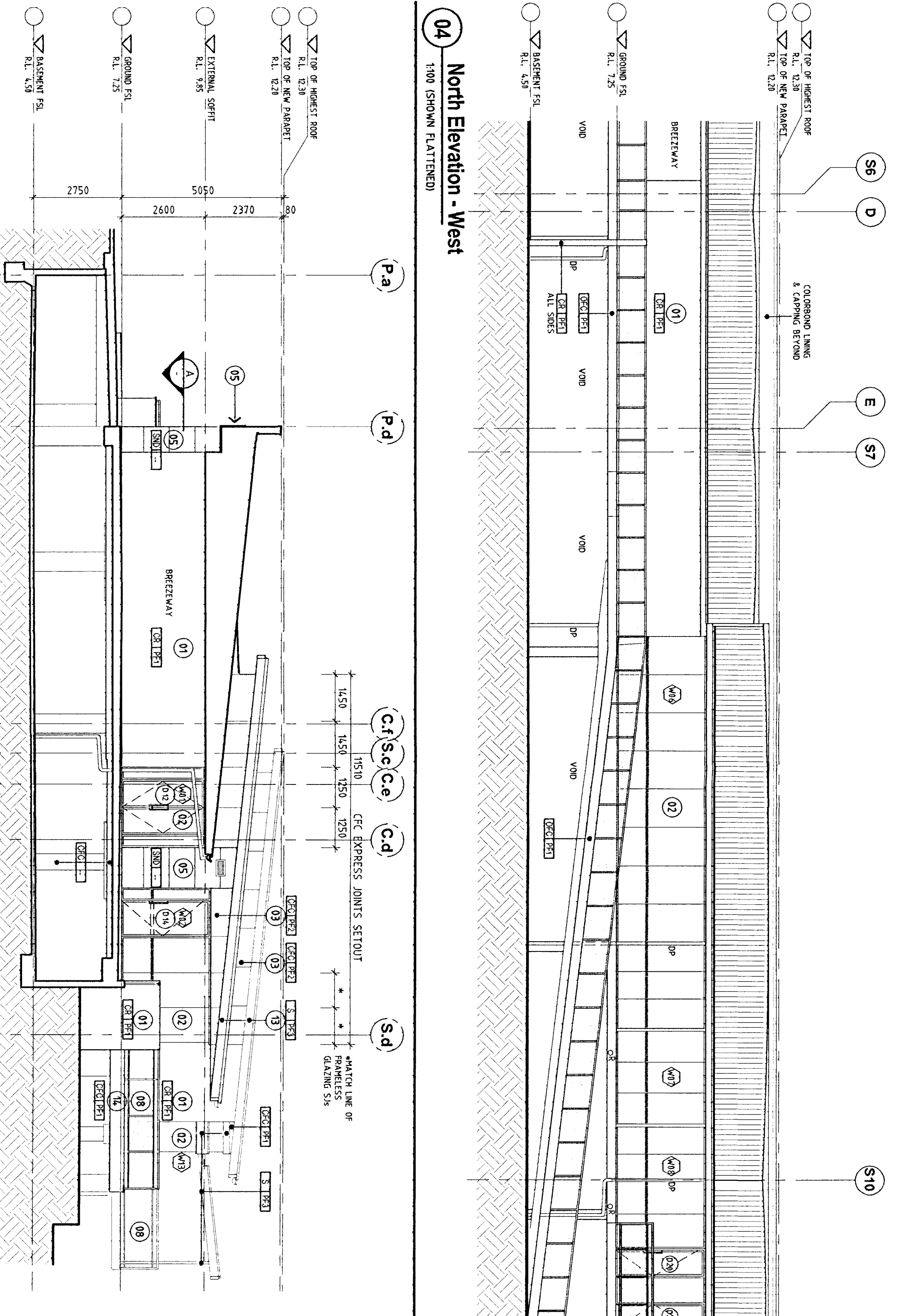
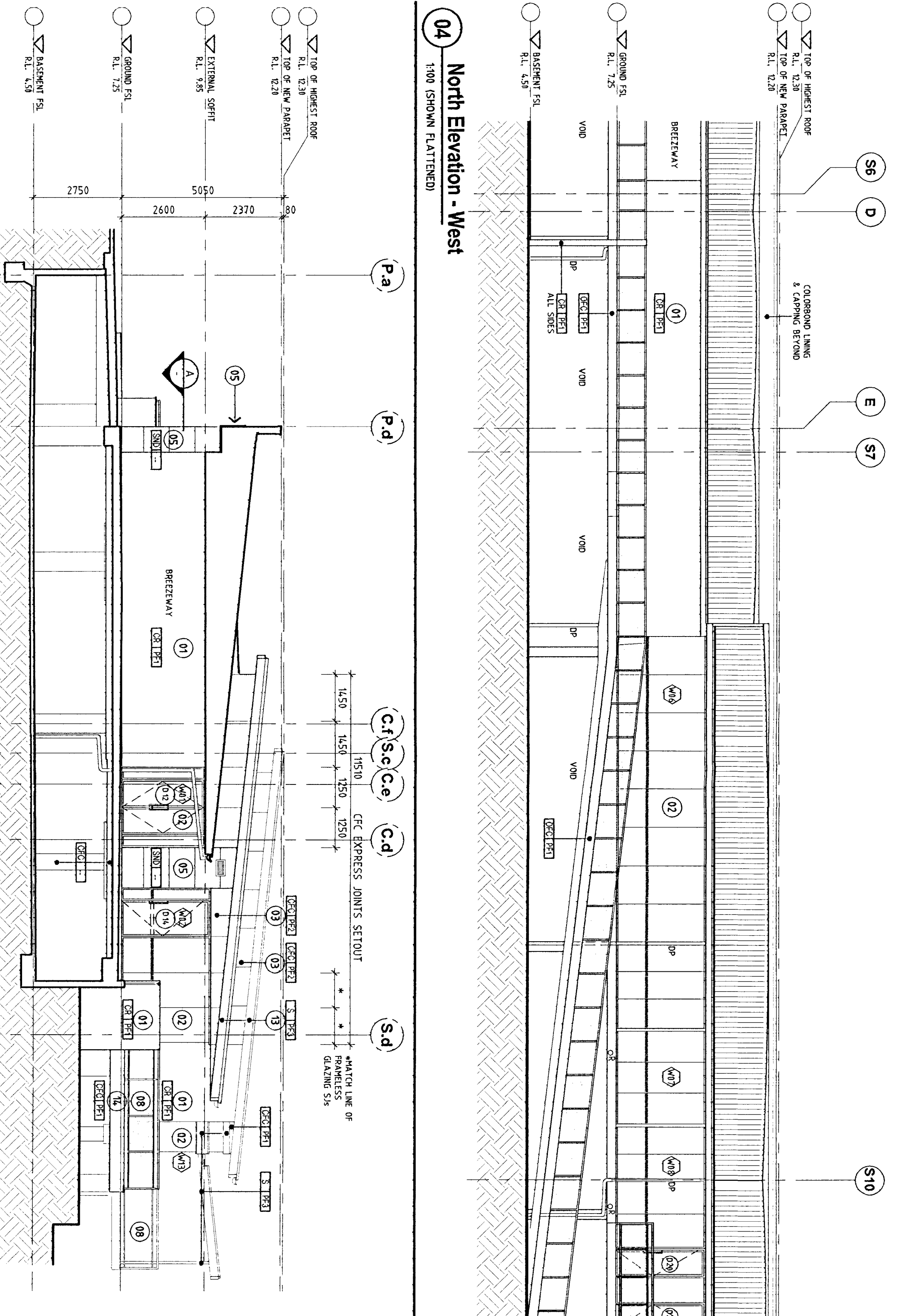
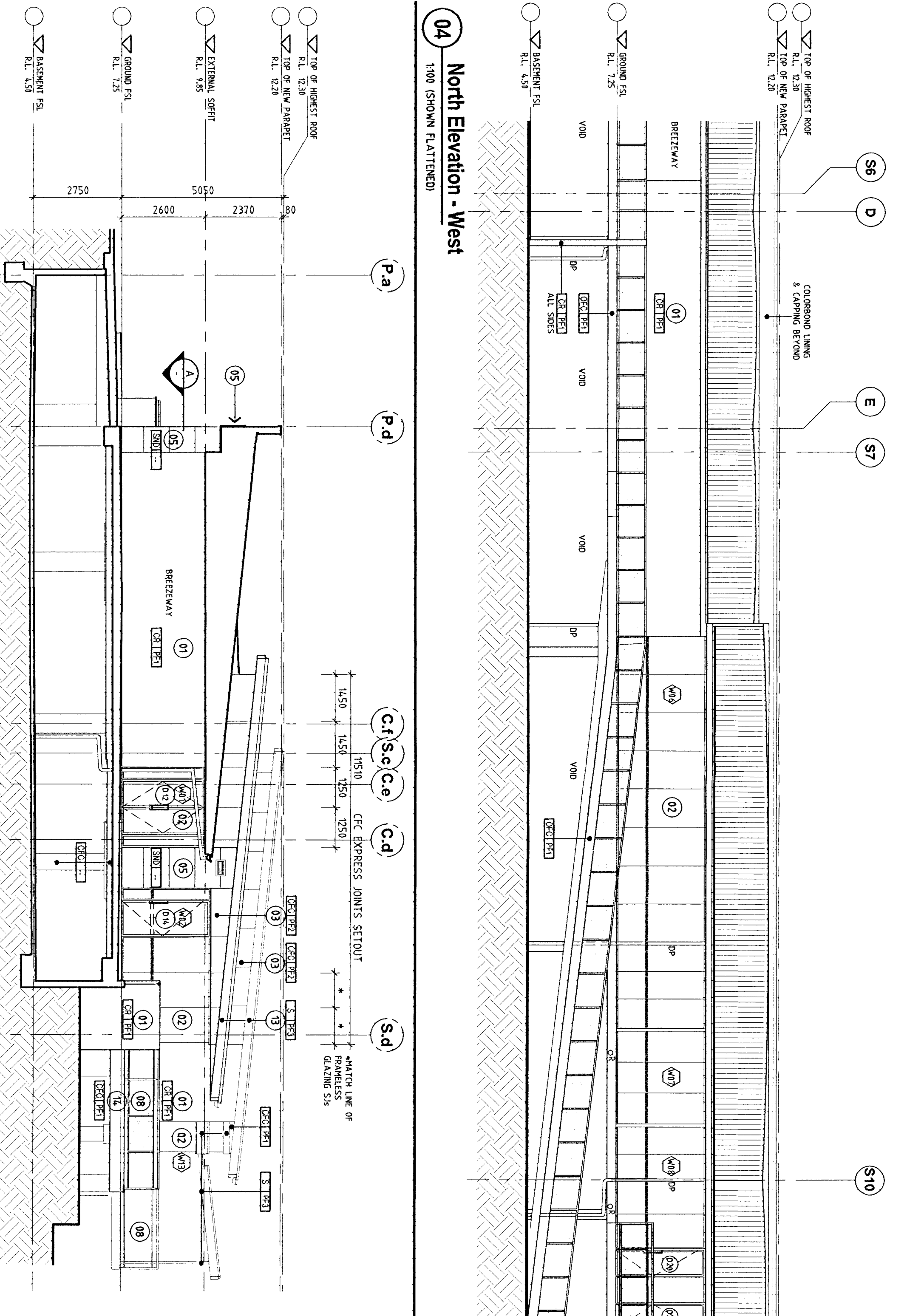
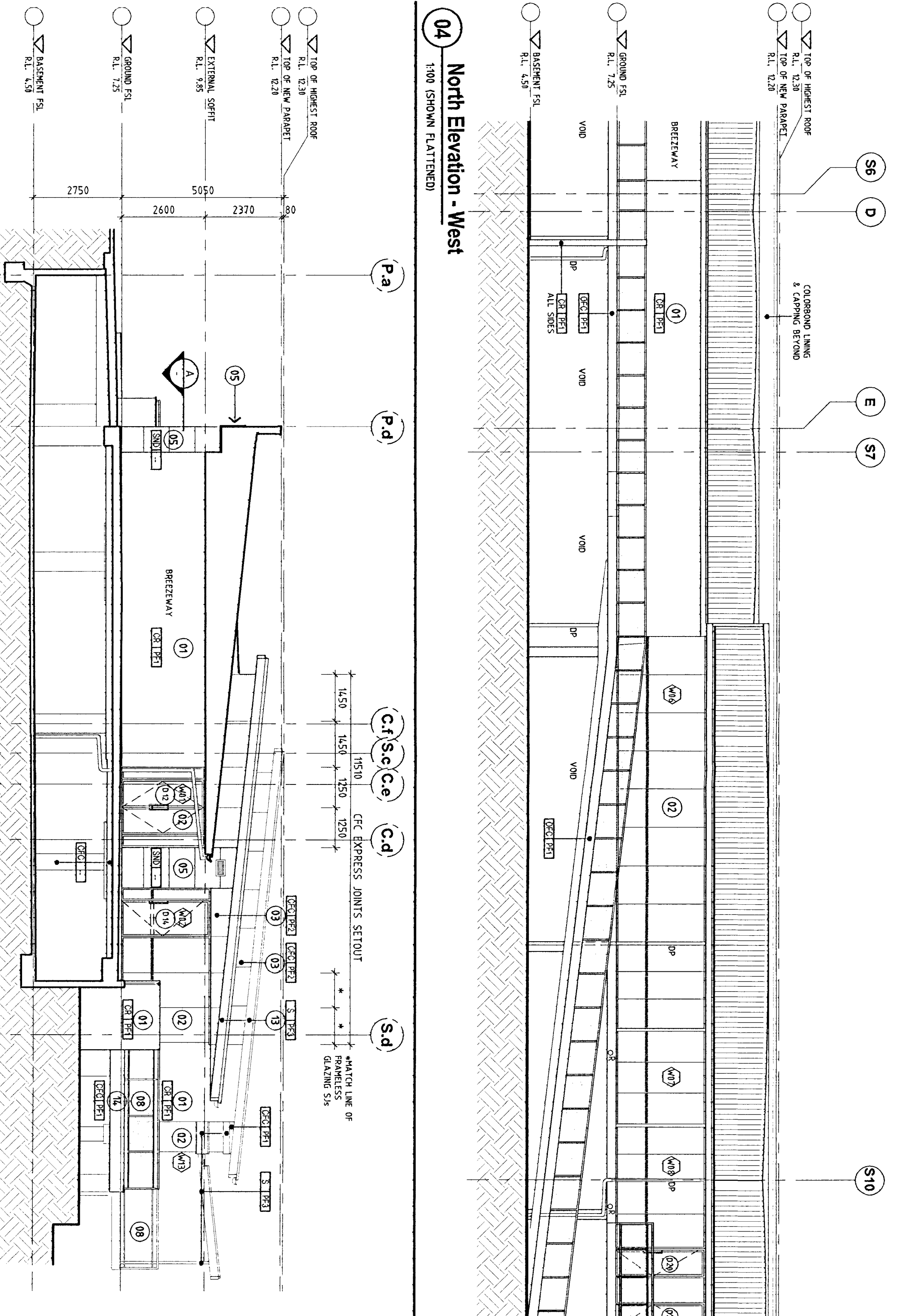
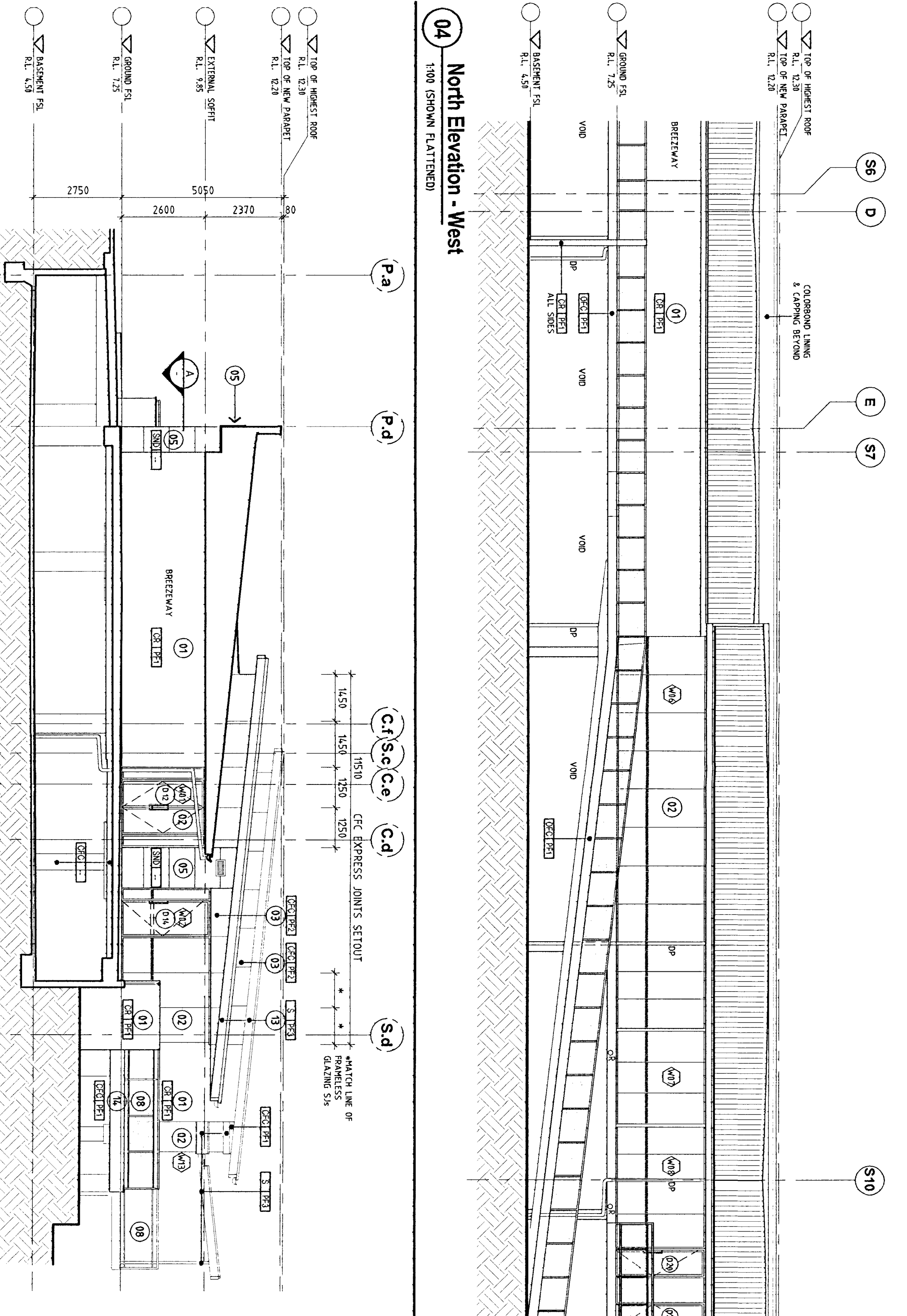
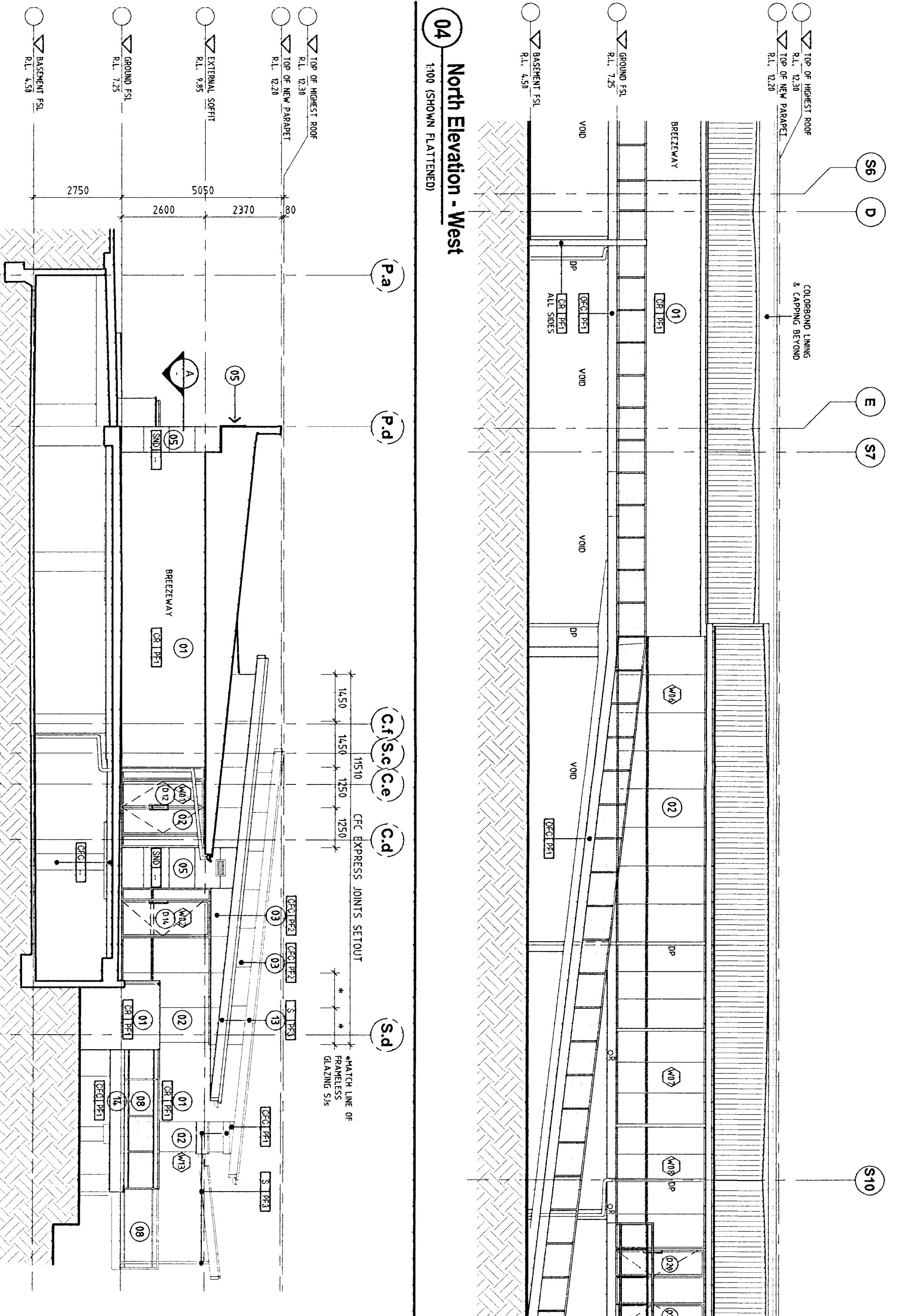
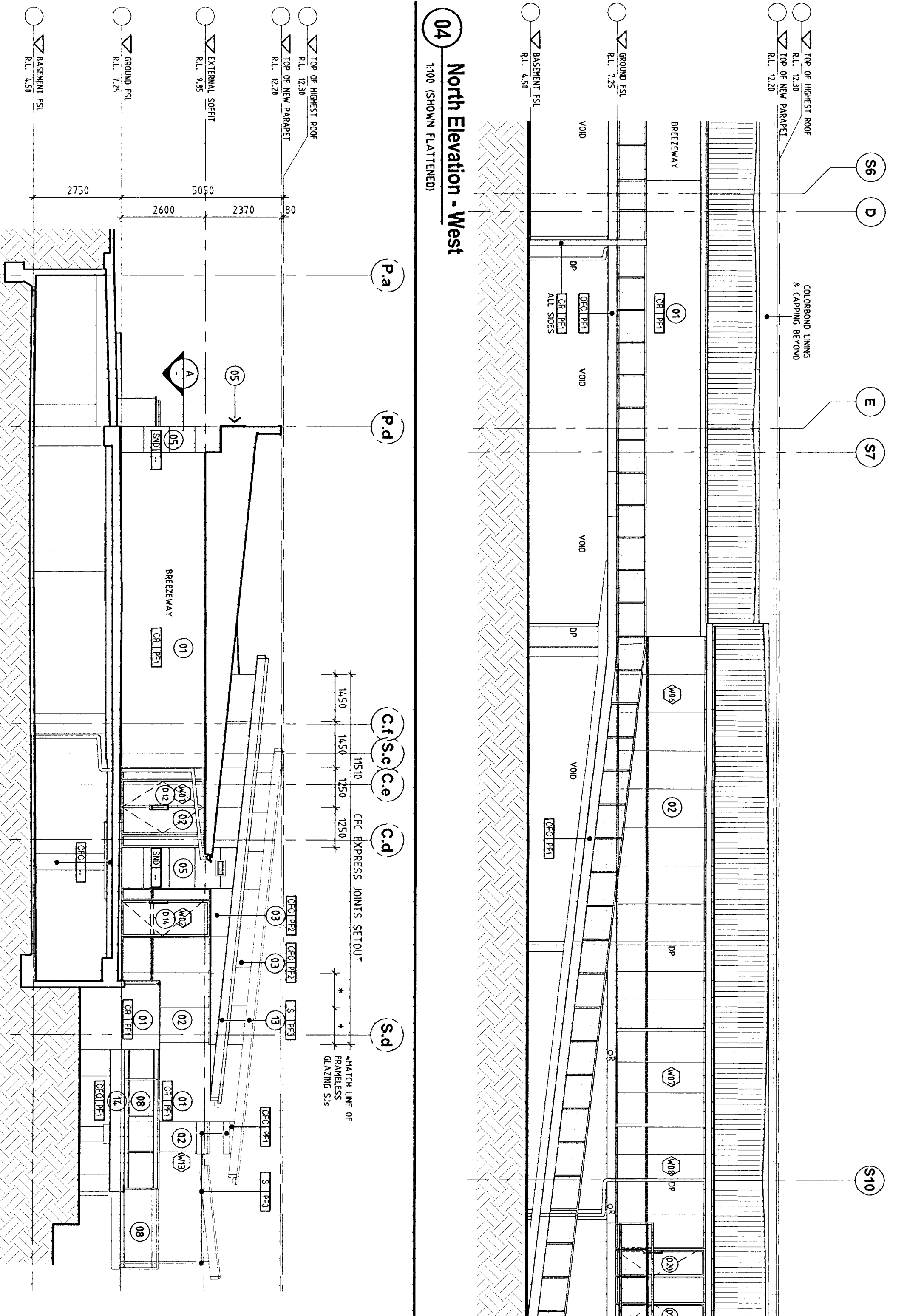
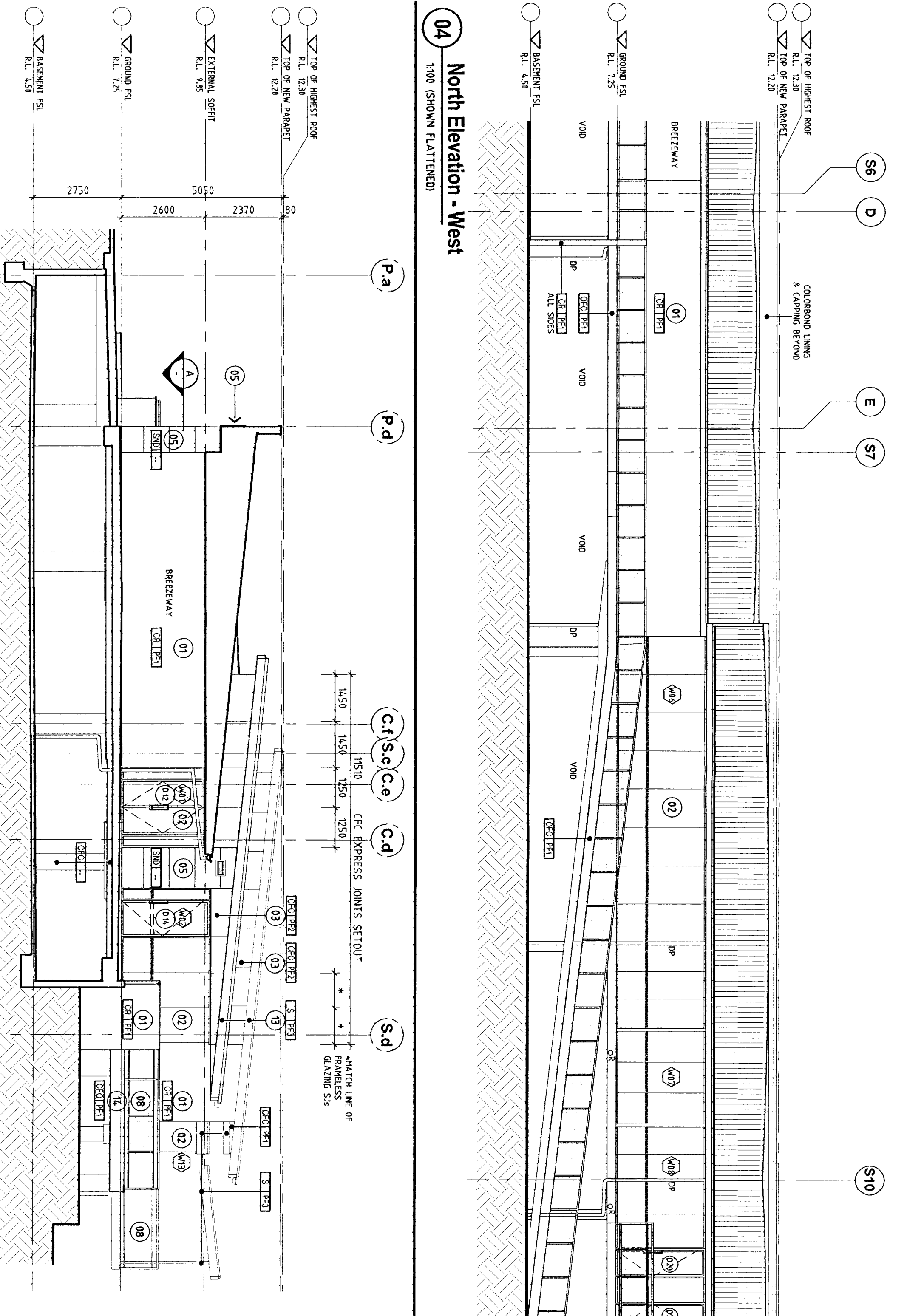
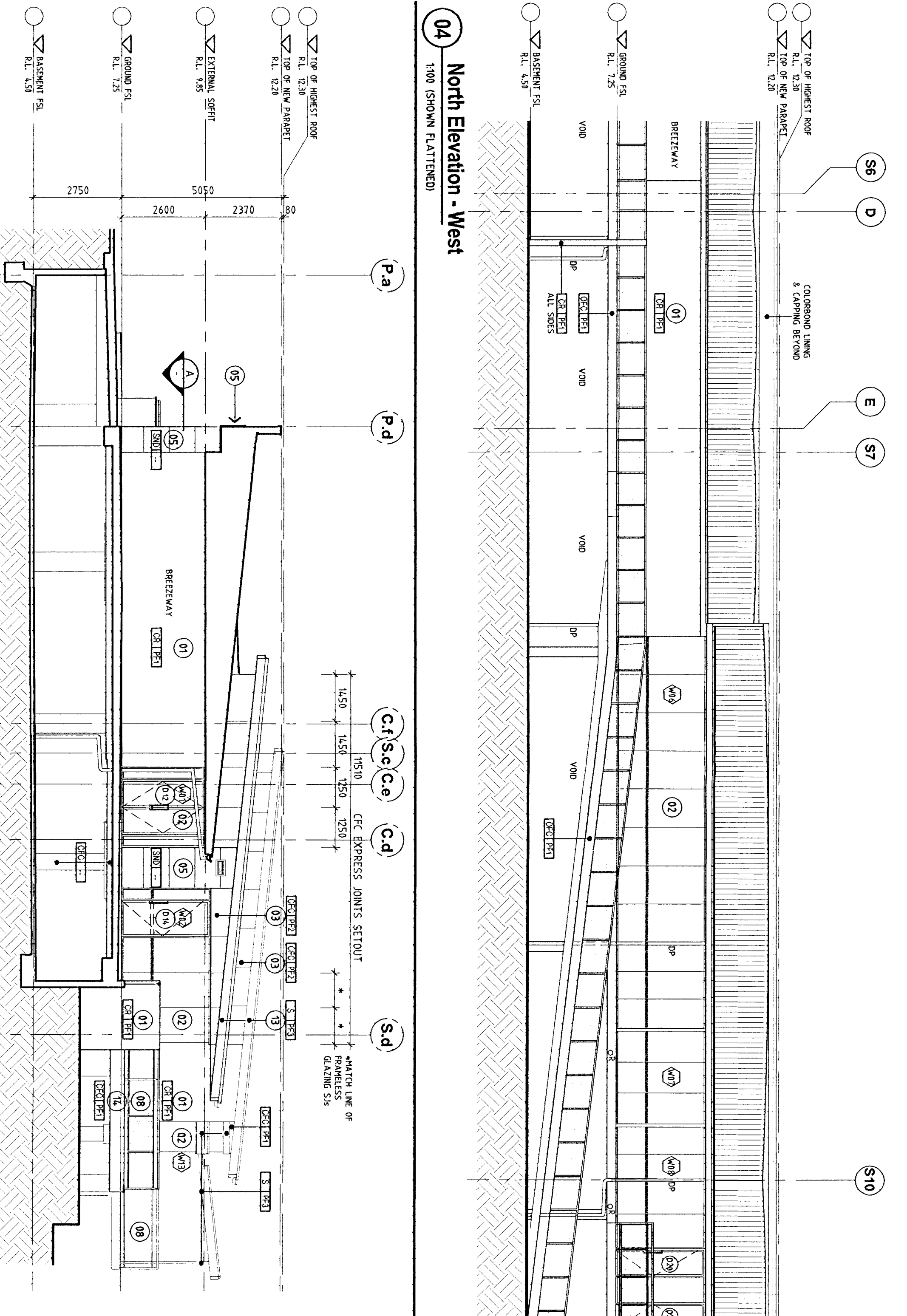
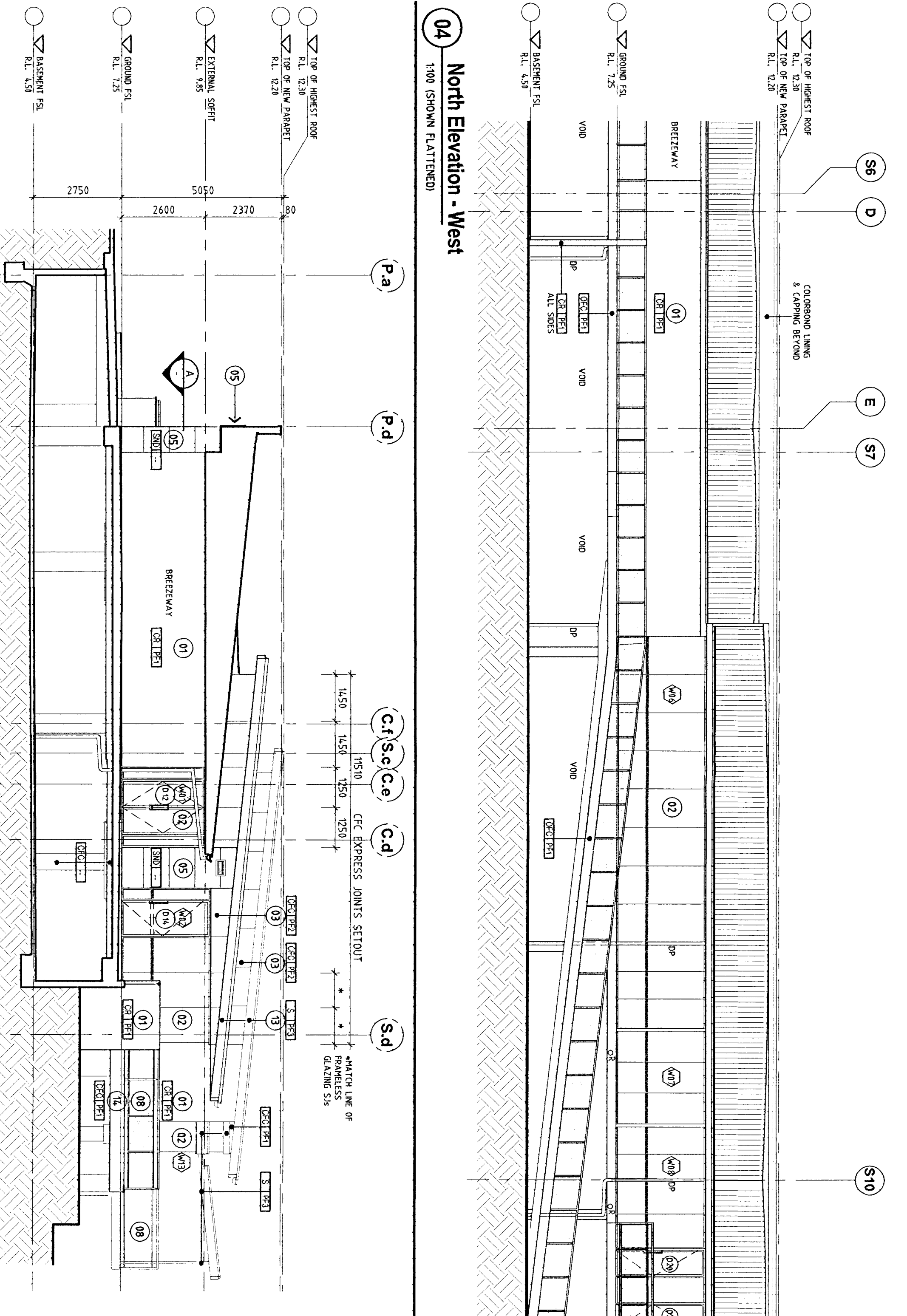
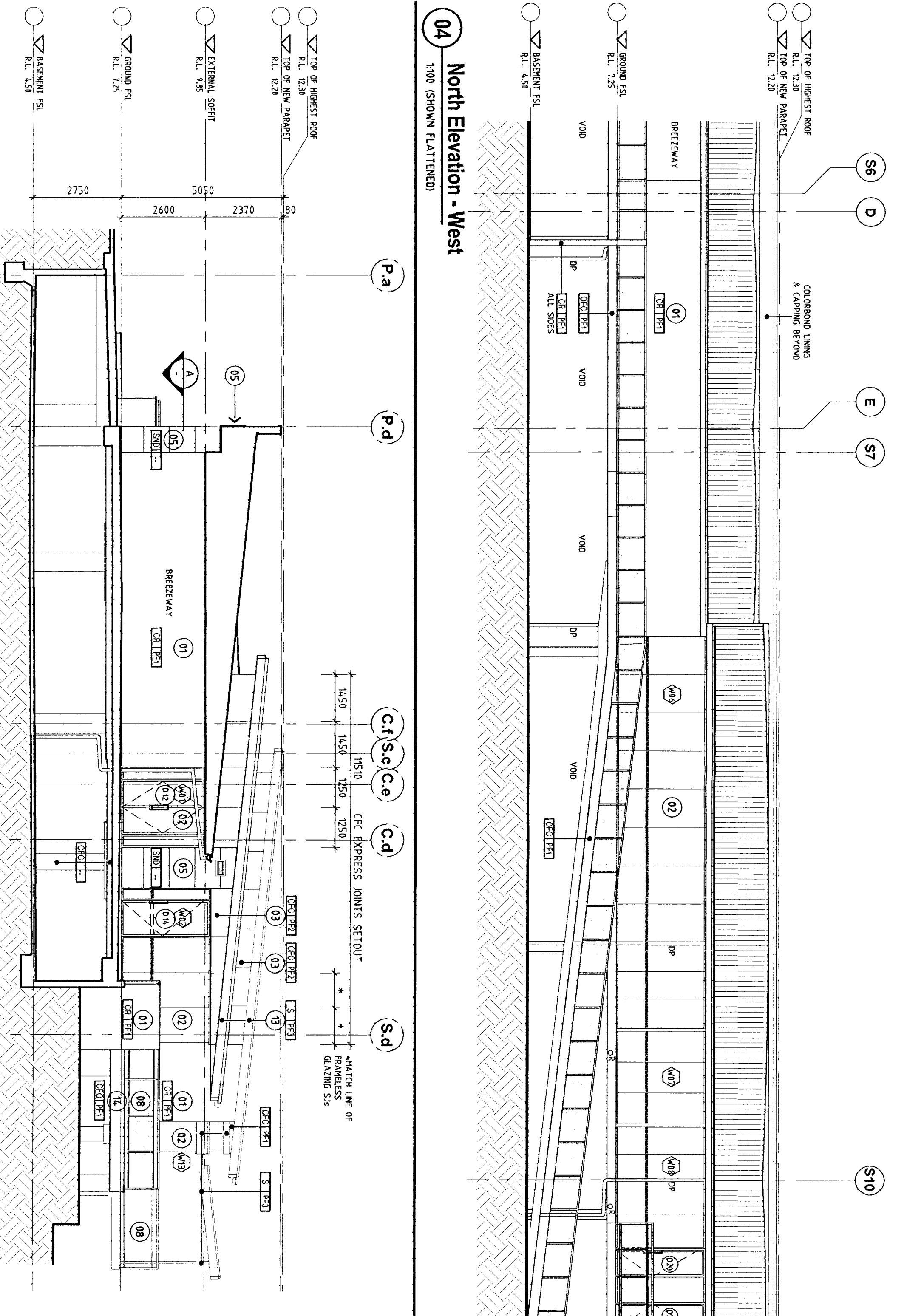
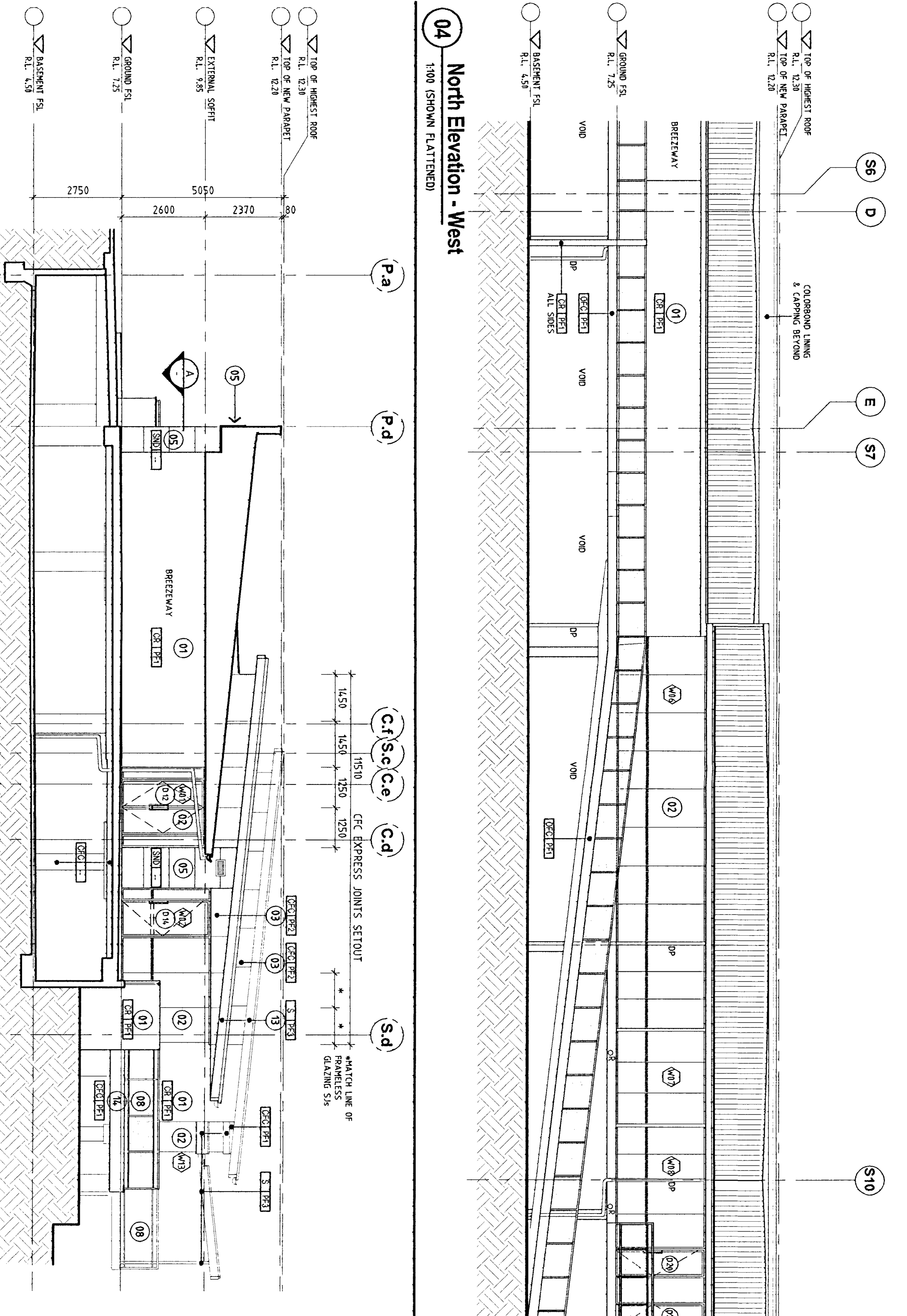
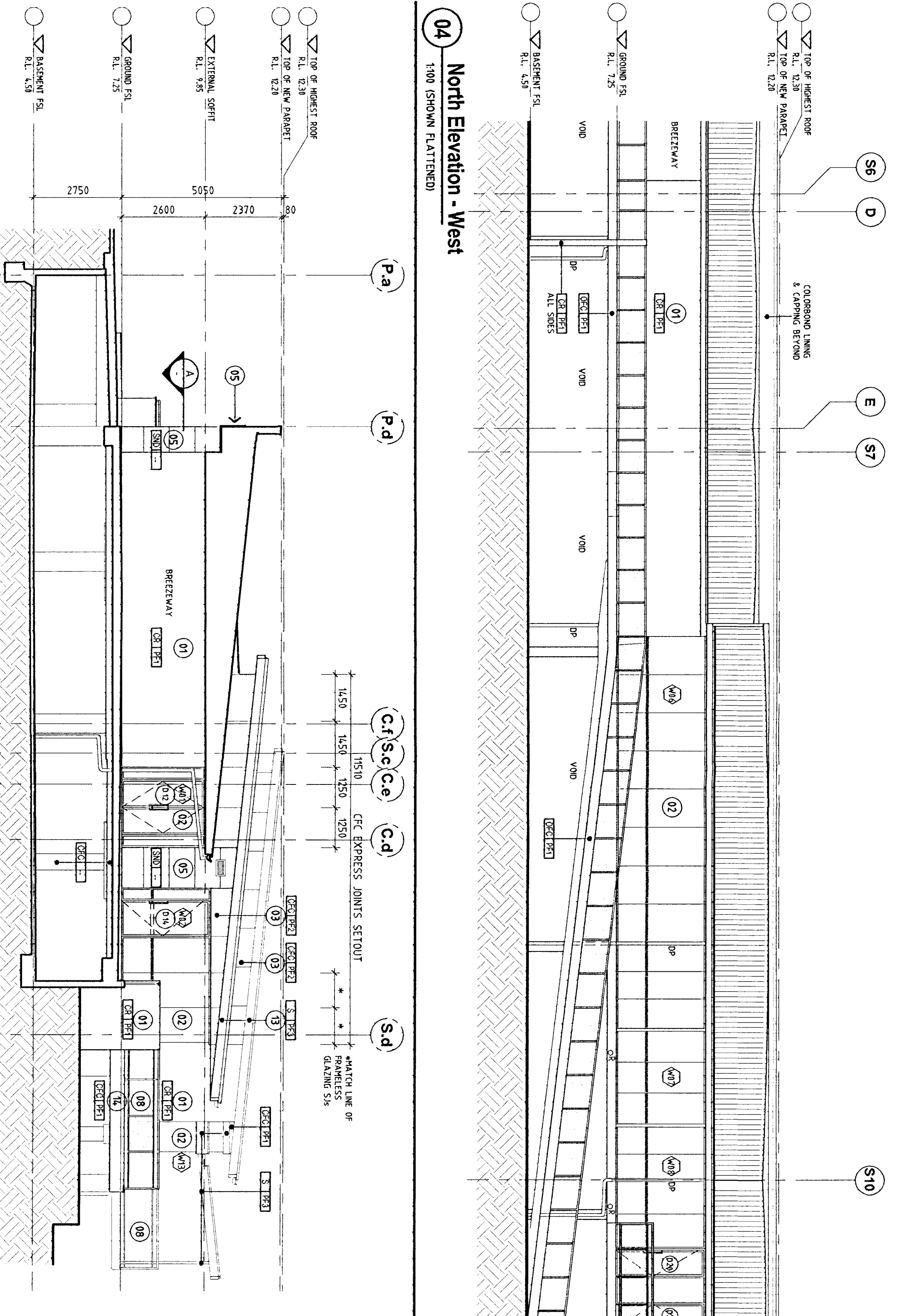
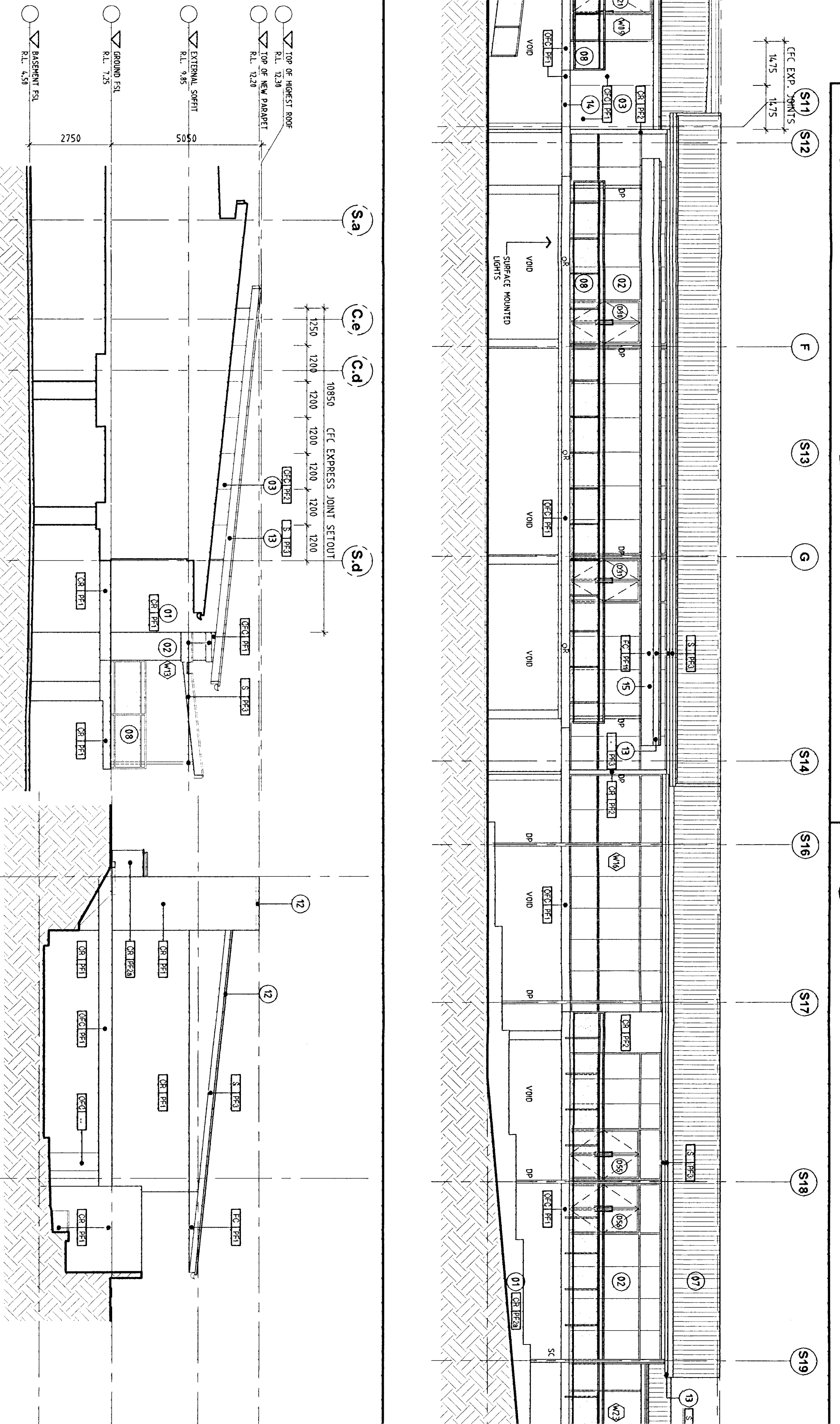
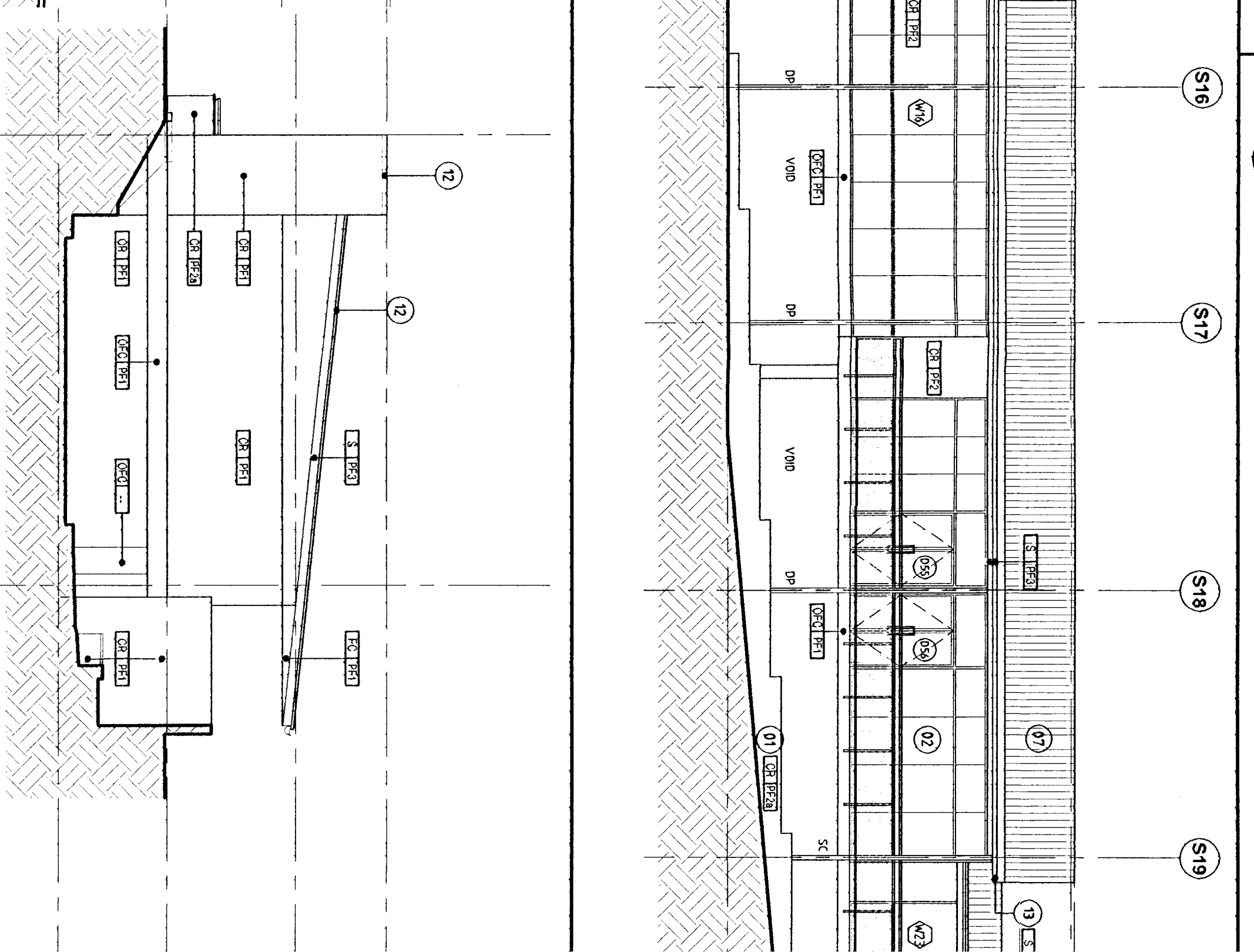


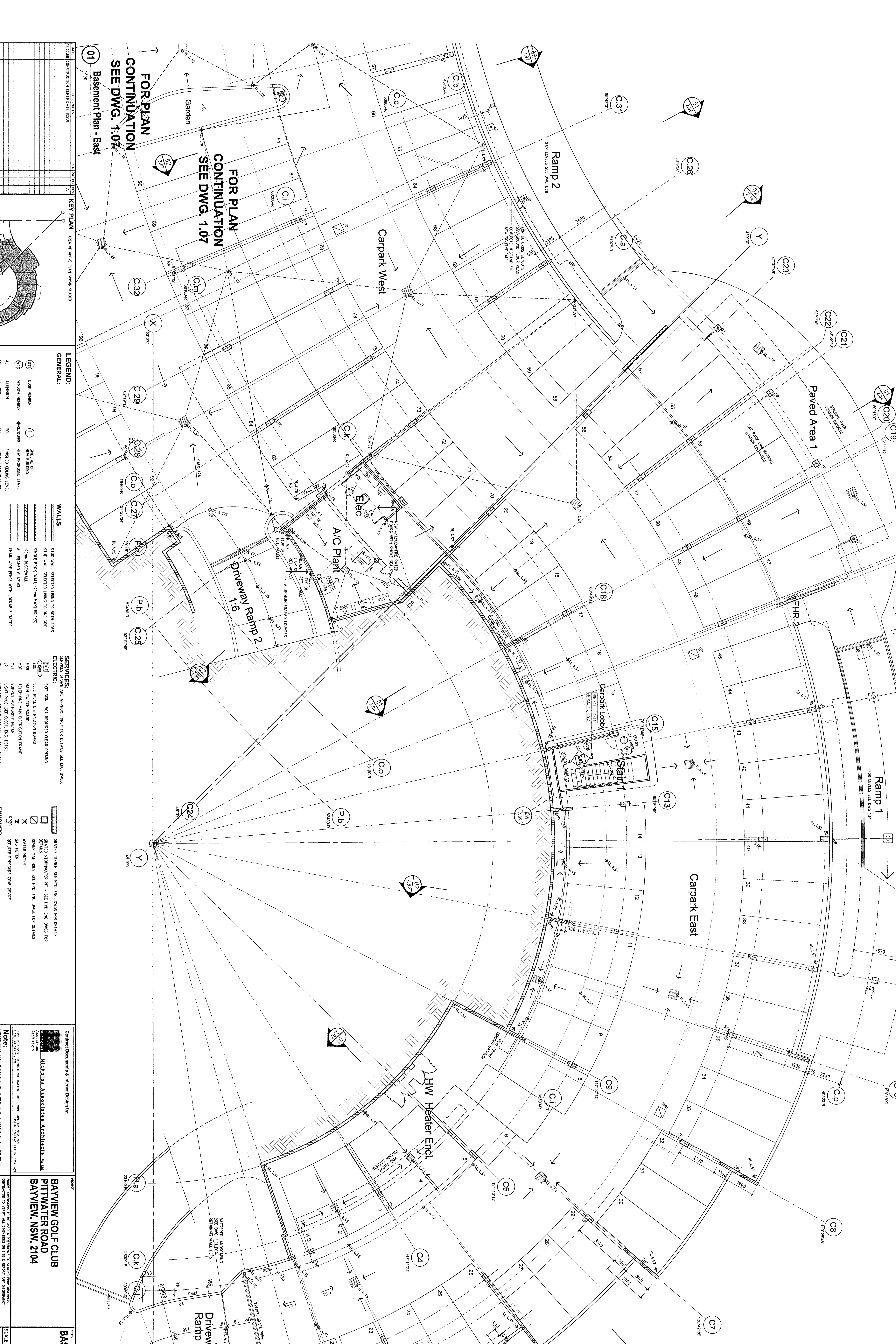
07 Detail Section
TYP. BALUSTRADE UNLESS NOTED OTHERWISE

08 South Elevation
1:100 (SHOWN FLATTENED)



10 Typical Detail - S&D Fixing
NOT TO SCALE





FOR PLAN CONTINUATION
SEE DWG. 1.07

FOR PLAN CONTINUATION
SEE DWG. 1.07

Basement Plan - East

01

KEY PLAN

GENERAL:

LEGEND:

WALLS

SERVICES:

ELECTRIC:

WATER:

GAZ:

TELEPHONE:

TELEPHONE:

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DATE: 20.03.18
DRAWN: J. HARRIS
CHECKED: J. HARRIS
SCALE: 1:100

PROJECT: BAYVIEW GOLF CLUB
PITWATER ROAD
BAYVIEW, NSW, 2104

01 Ground Floor Plan - East

1:100

01

Ground Floor Plan - East

1:100

01

Ground Floor Plan - East

1:100

01

Ground Floor Plan - East

1:100

01

Ground Floor Plan - East

1:100

01

Ground Floor Plan - East

1:100

FOR PLAN CONTINUATION
SEE DWG. 1.07

Ground Floor Plan - East

LEGEND:

GENERAL:

WALLS:

SERVICES:

FINISHES:

MECHANICAL:

NOTE:

MECHANICAL:

MECHANICAL:

MECHANICAL:

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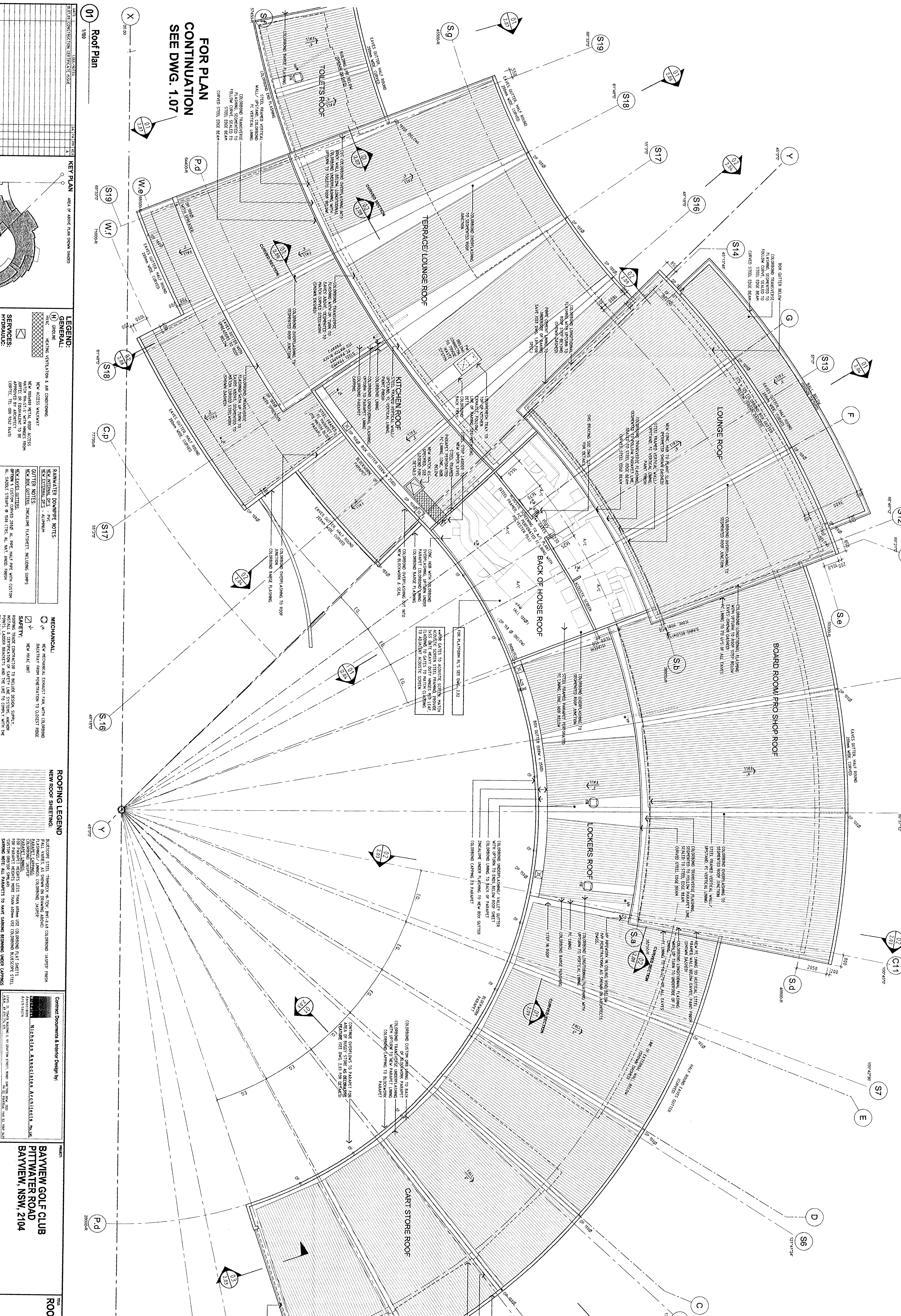
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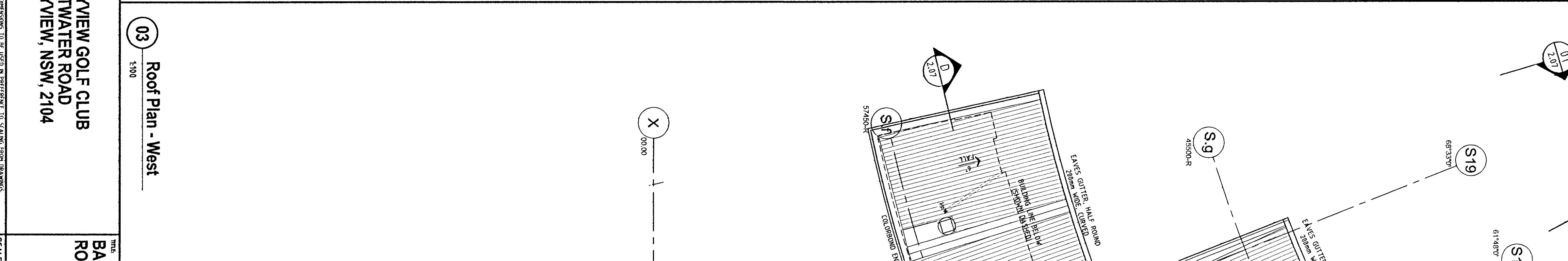
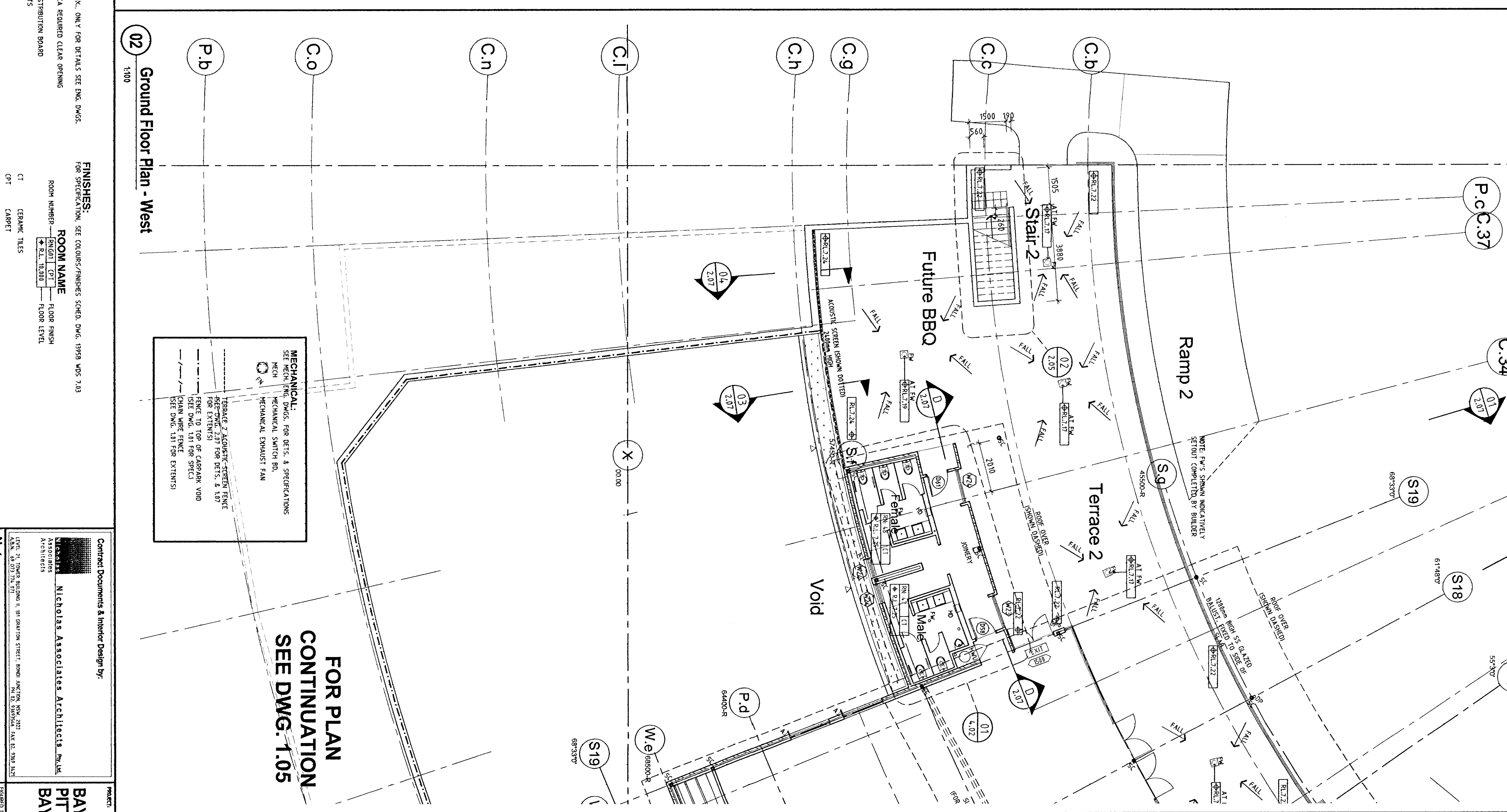
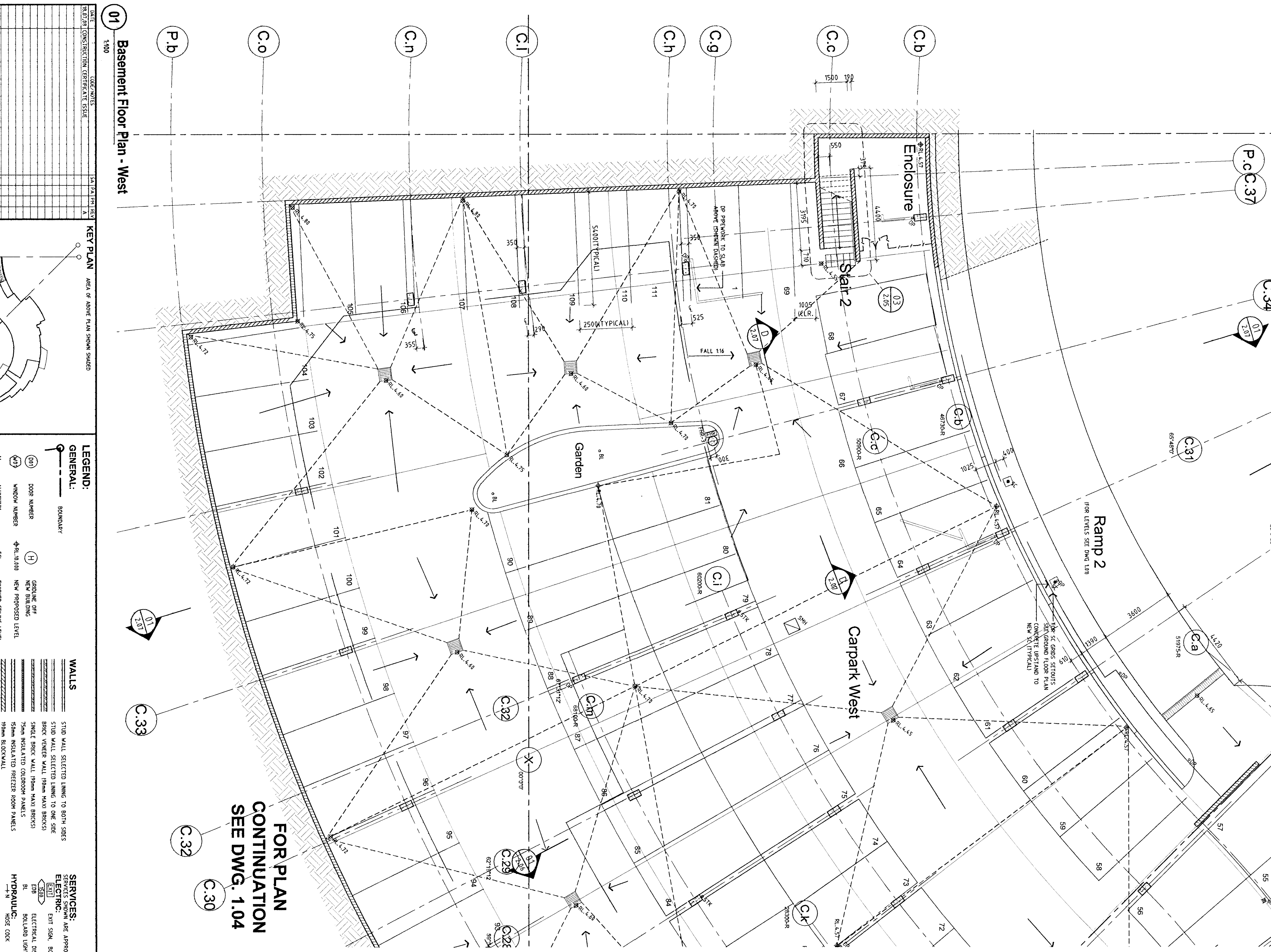
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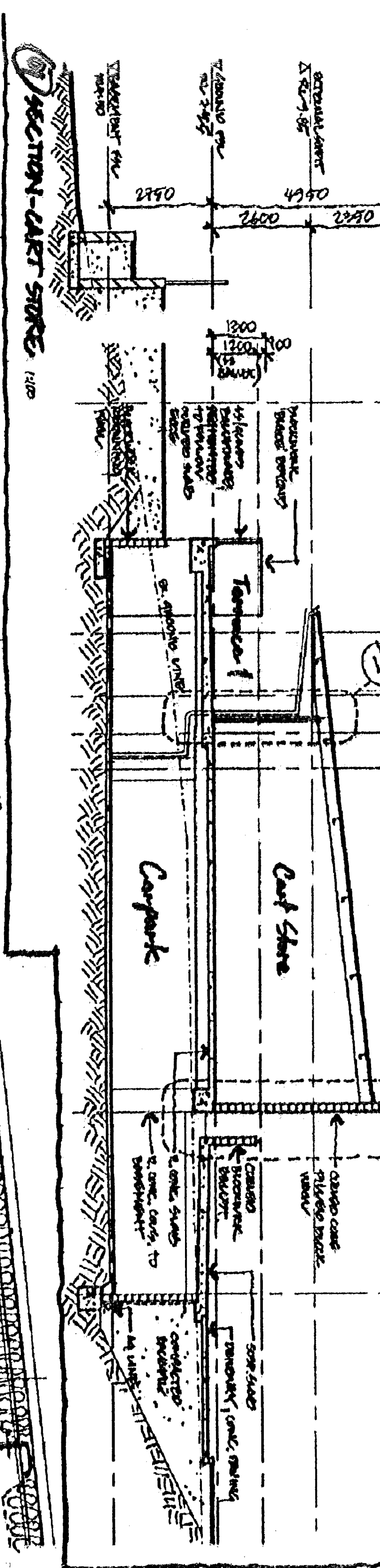
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MECHANICAL:

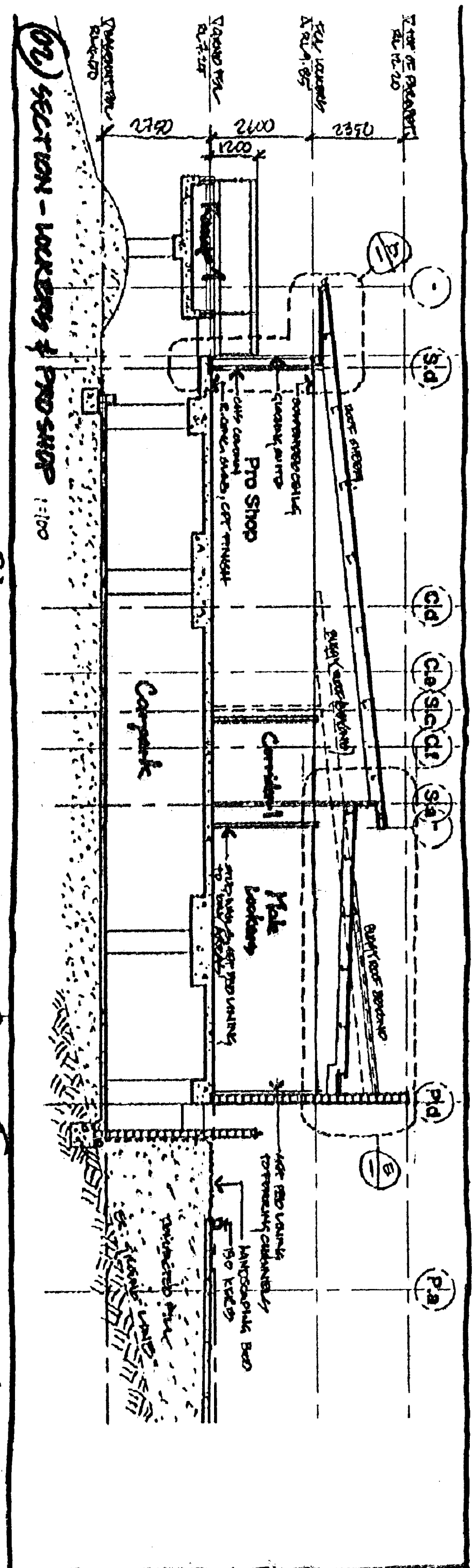
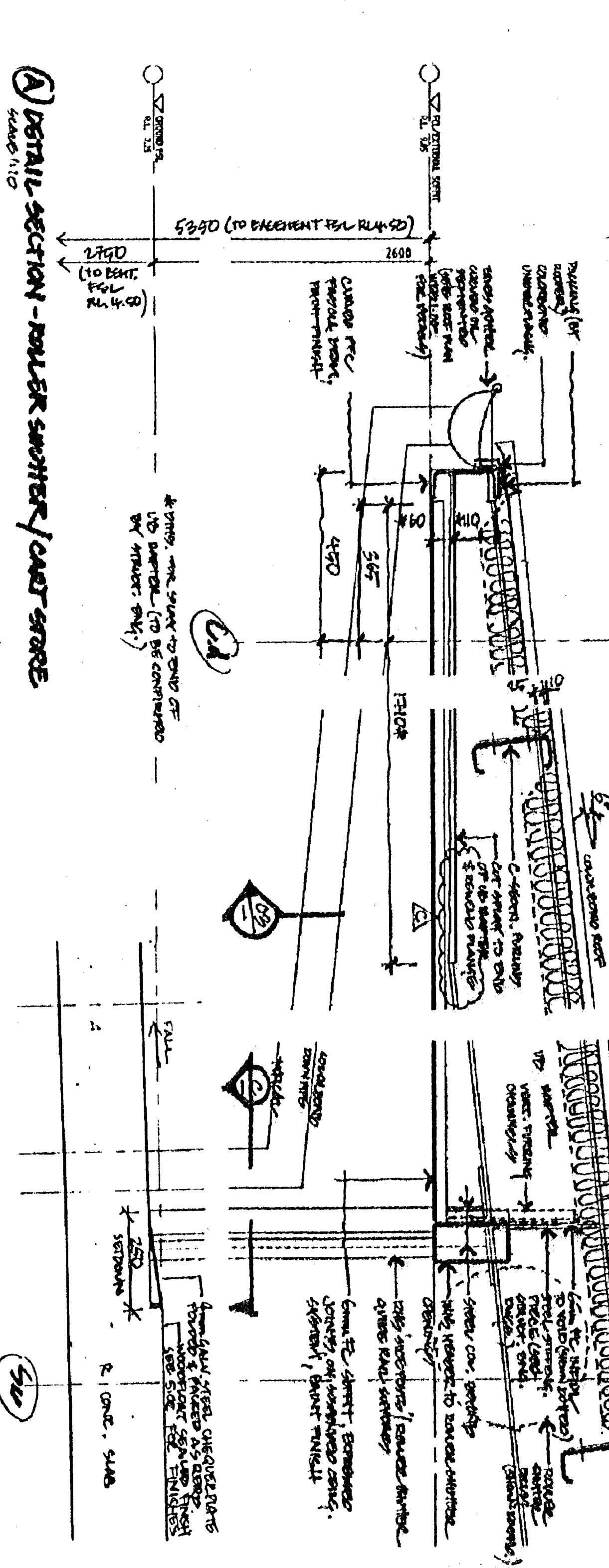
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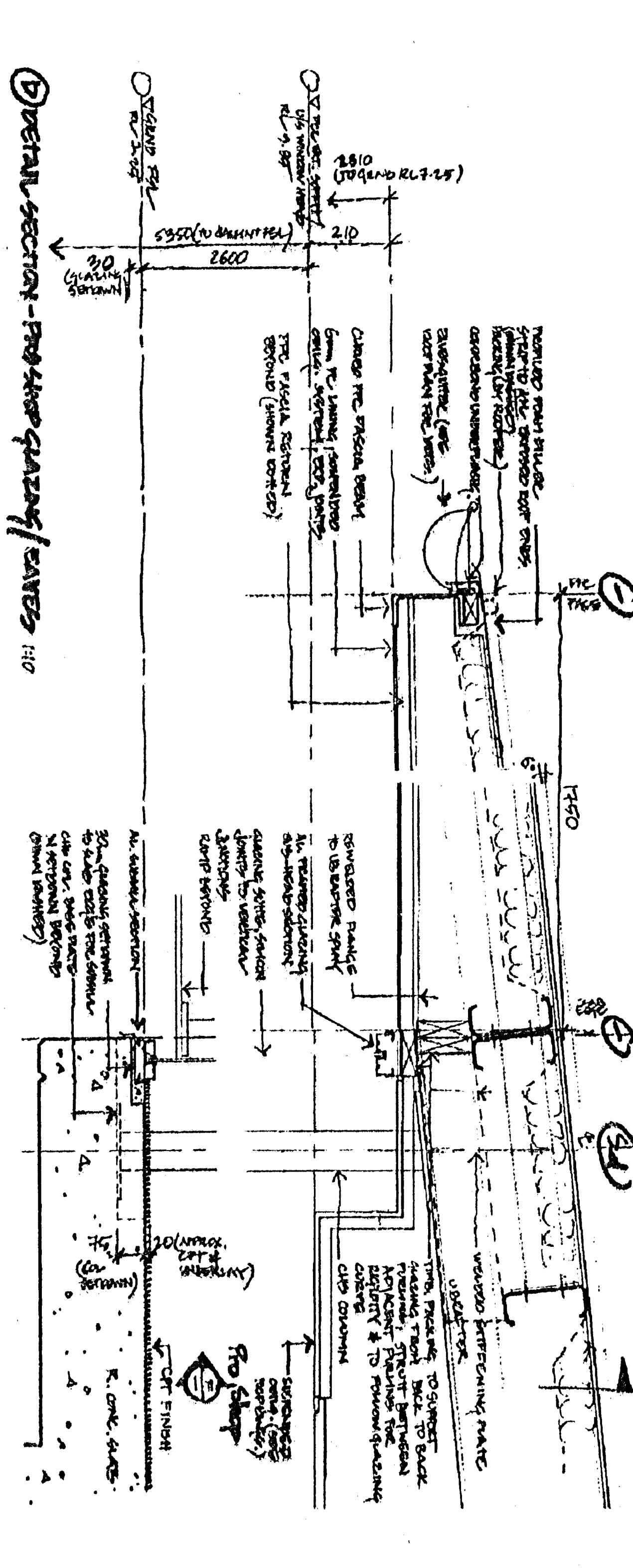




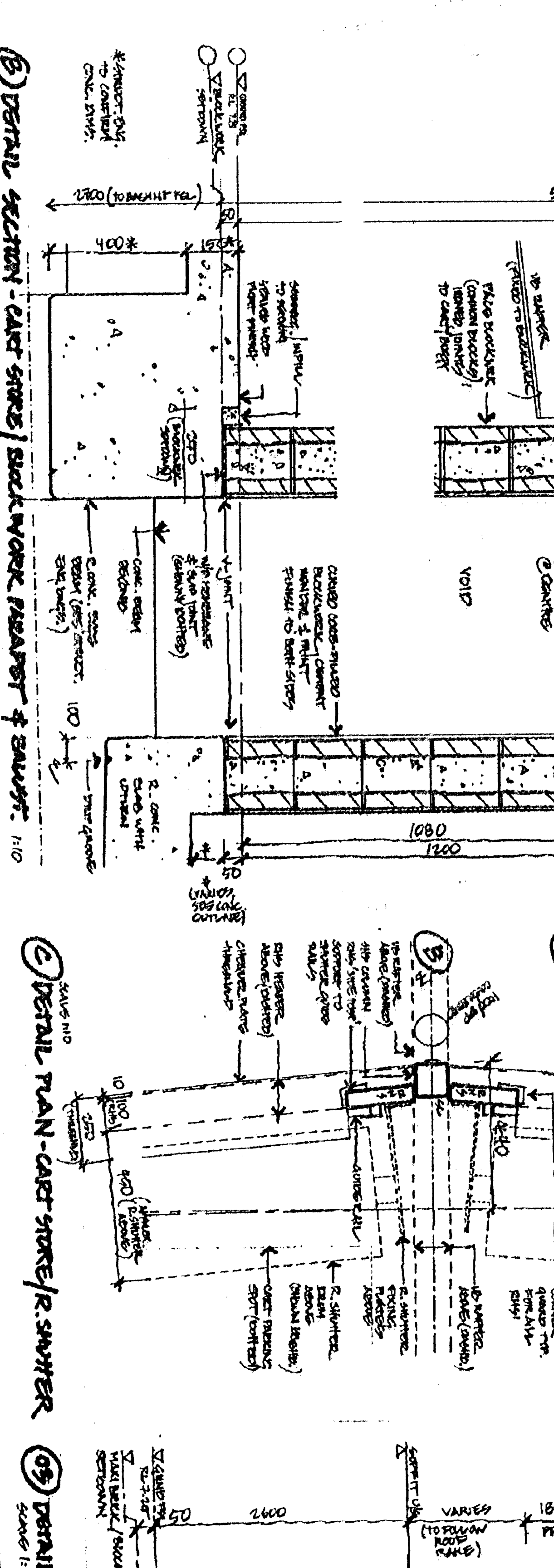
① DETAIL SECTION - ROILER SWITCH / CART STORE



② DETAIL SECTION - PRO SHOP / CART STORE (1:10)



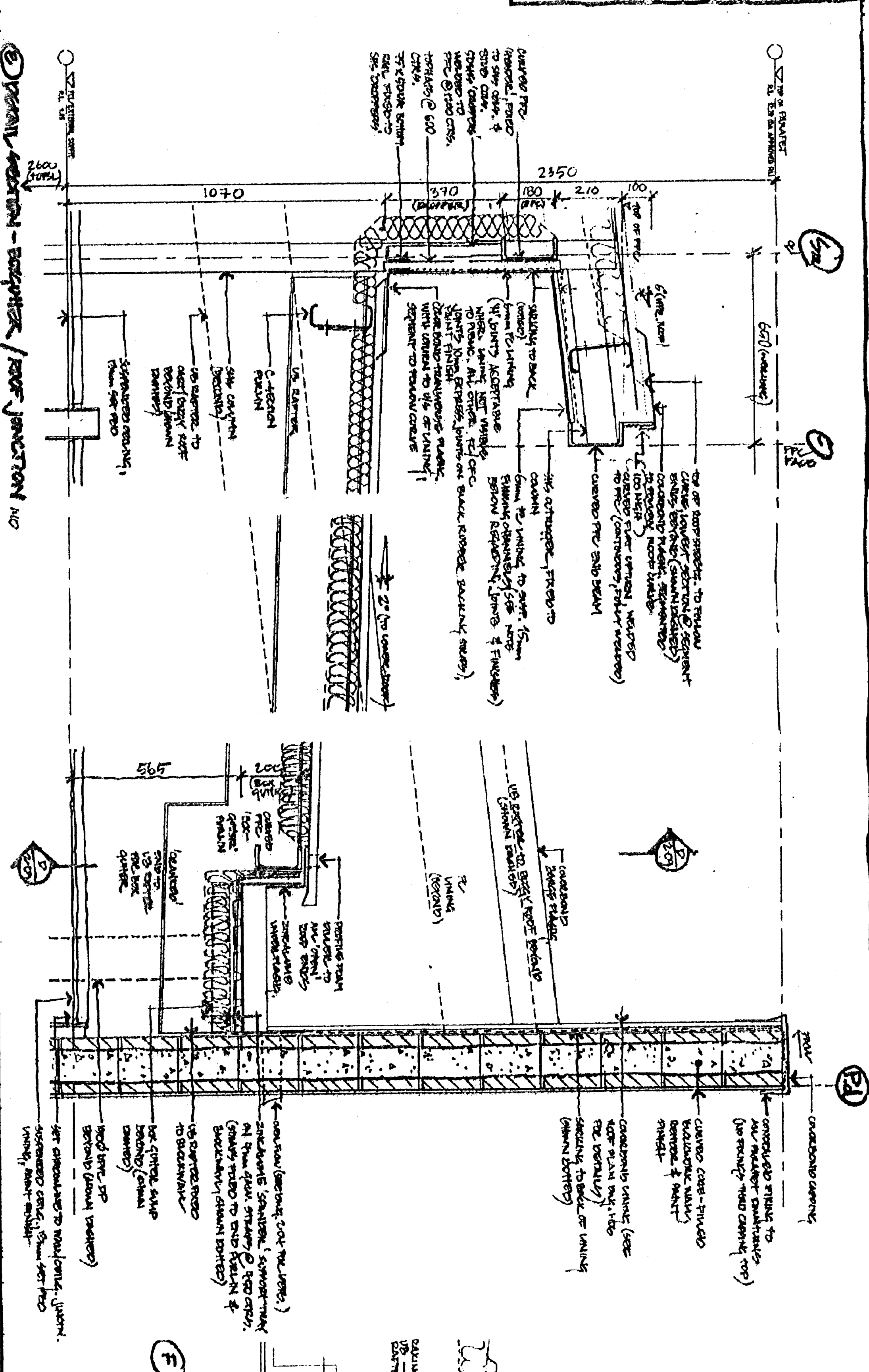
③ DETAIL SECTION - CART STORE / SINK WORK / ROILER SWITCH (1:10)



④ DETAIL PLAN - CART STORE / R. SWITER

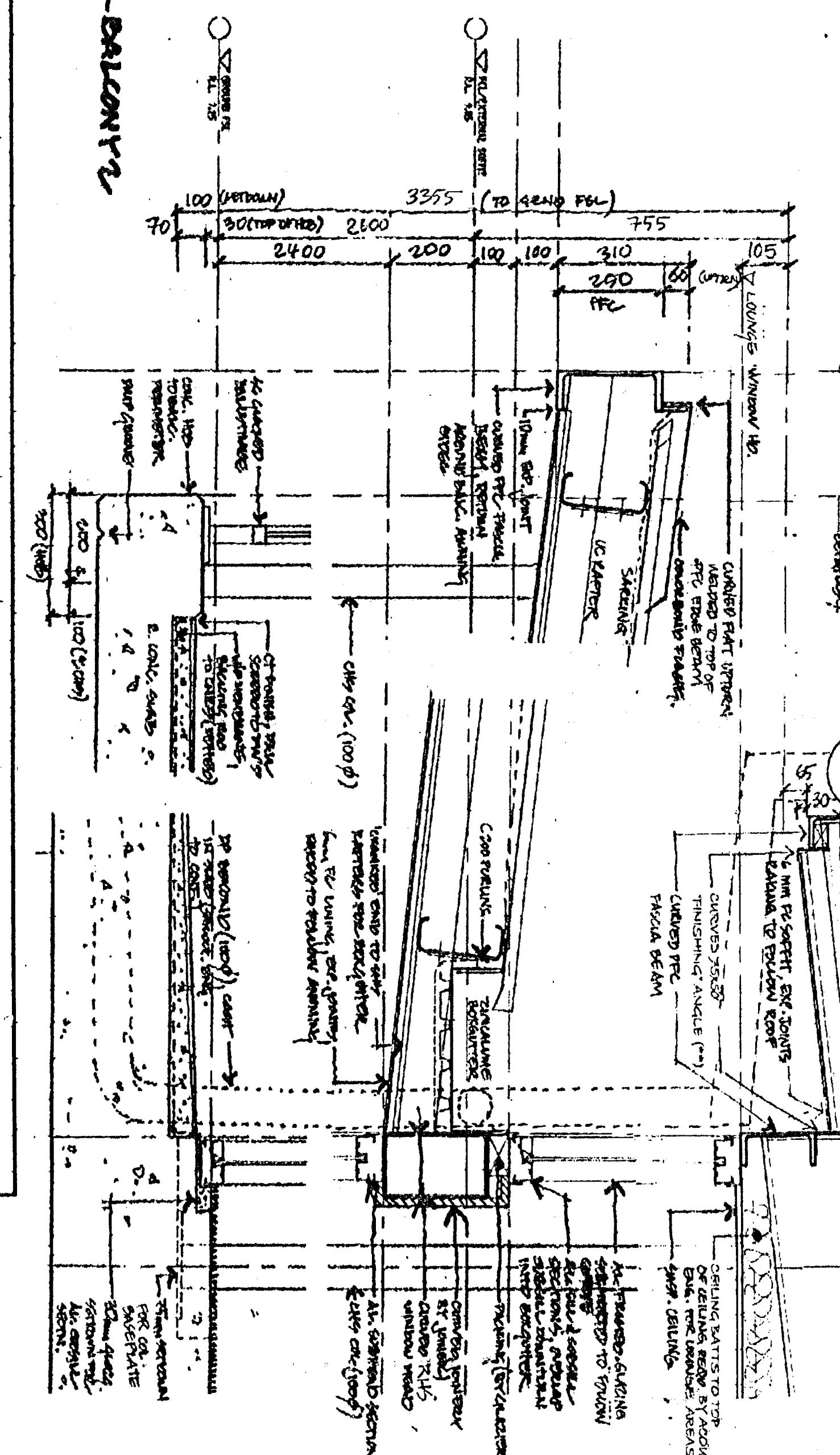
⑤ DETAIL SECTION - CART STORE (1:10)

⑥ DETAIL SECTION - ROILER SWITCH / PRO JUNCTION (1:10)

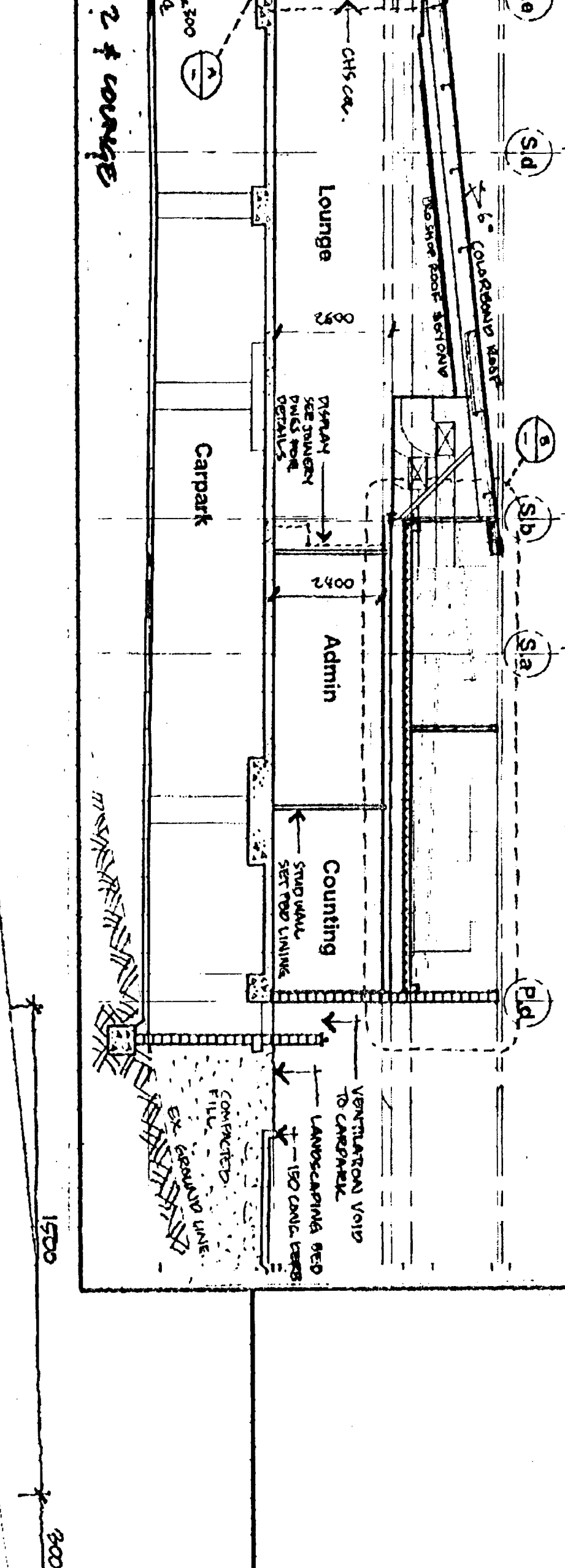


PROJECT: BAYVIEW GOLF CLUB LOCATION: BAYVIEW, NSW, 2104 DATE: 10/10/10 SCALE: 1:10	KEY PLAN AREA OF WORK LEGEND: GENERAL: WALLS: ROOFING: NOTES:	LEGEND: GENERAL: WALLS: ROOFING: NOTES:
--	--	--

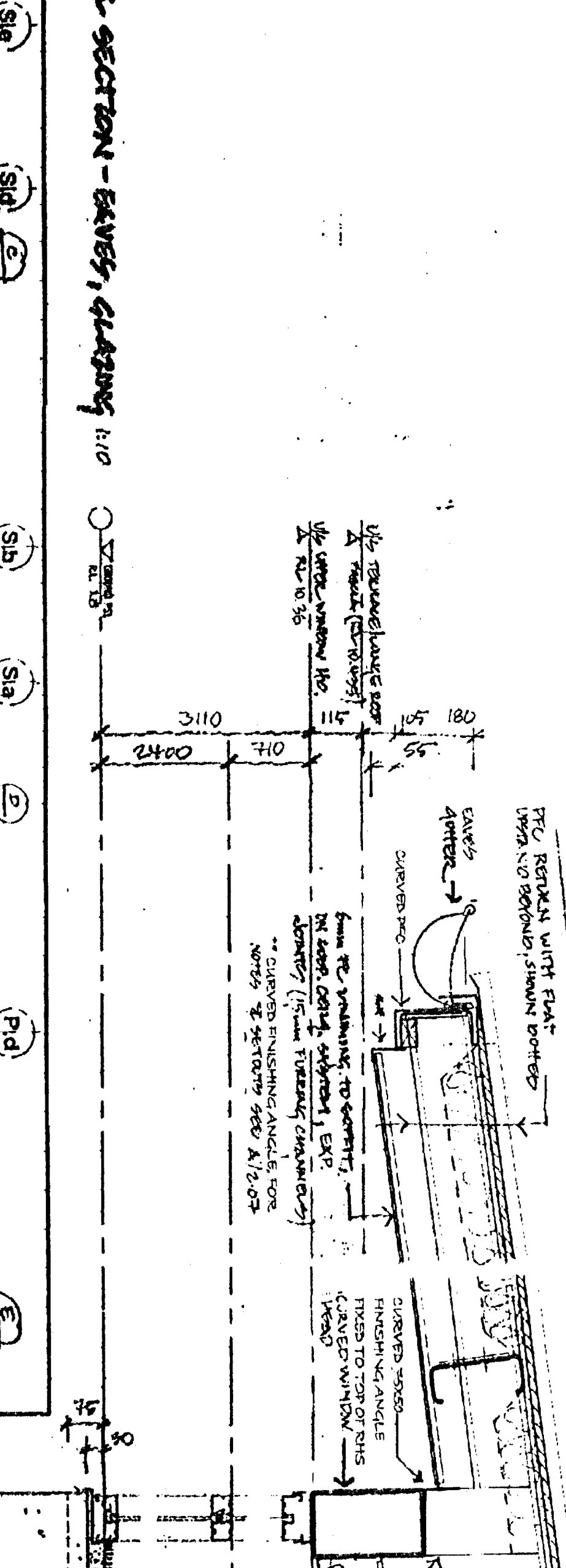
SECTION - BALCONY 2



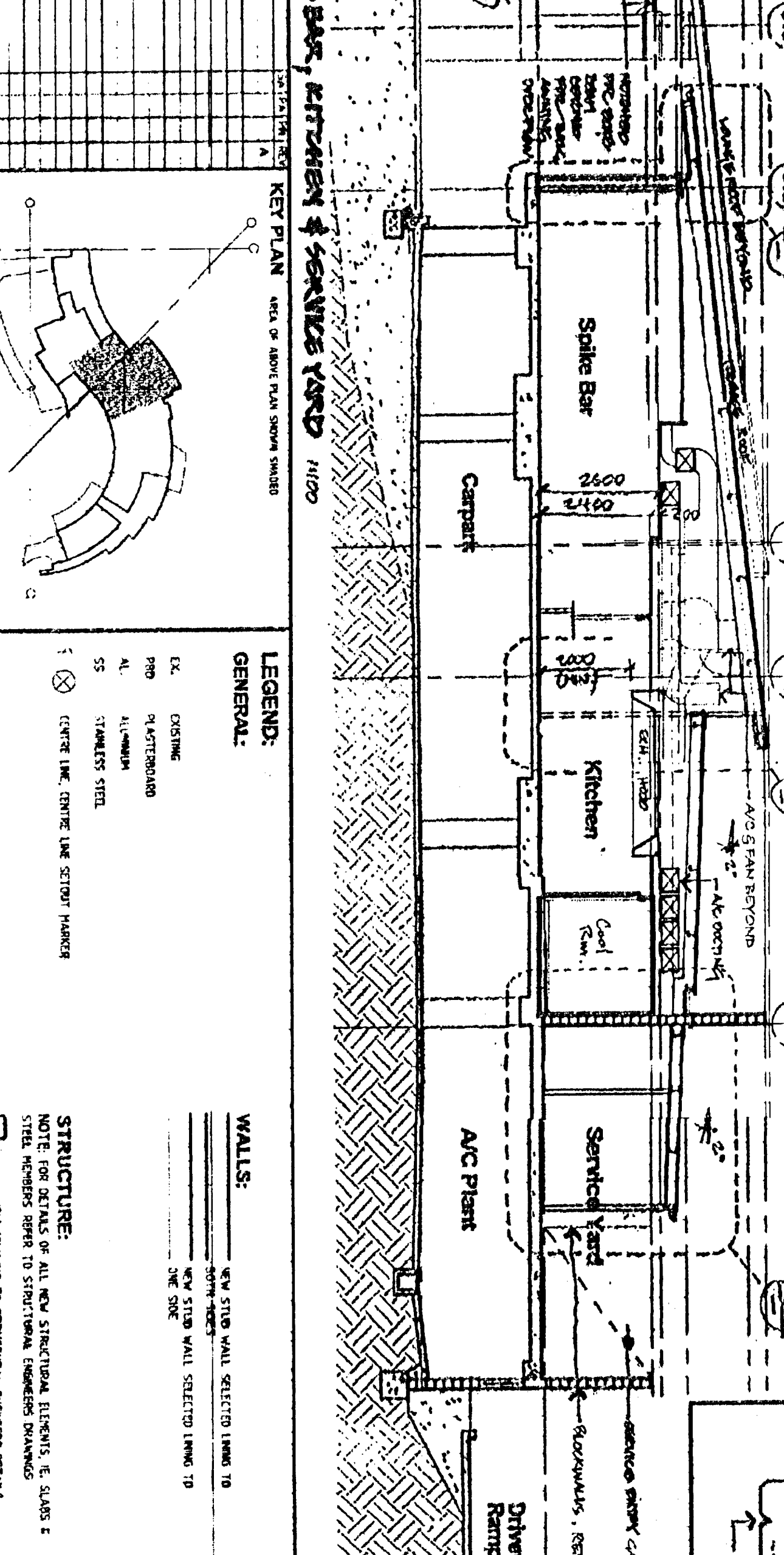
SECTION - BALCONY 2 & GARAGE



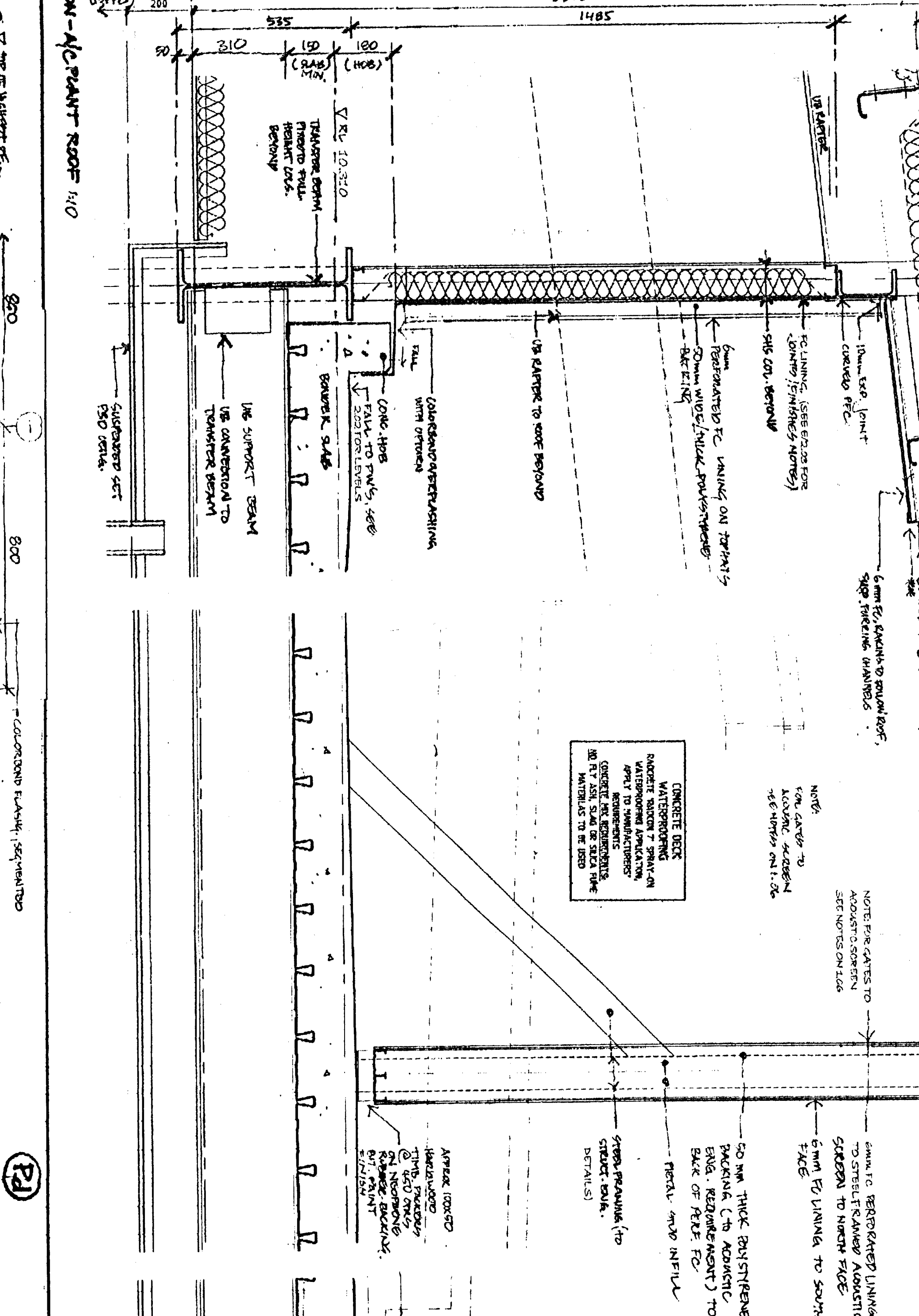
SECTION - BAR, KITCHEN & SERVICE YARD



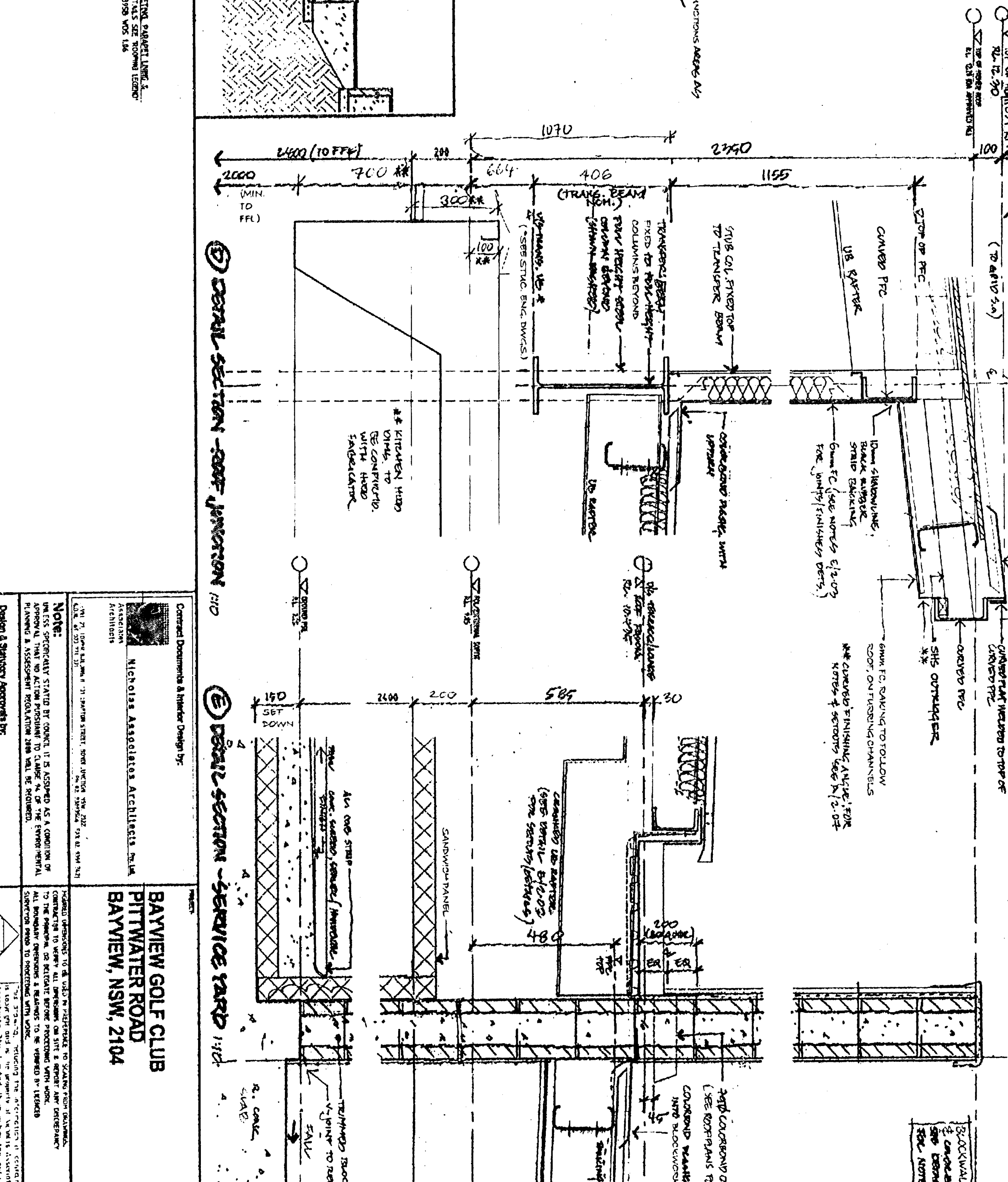
SECTION - BAR, KITCHEN & SERVICE YARD



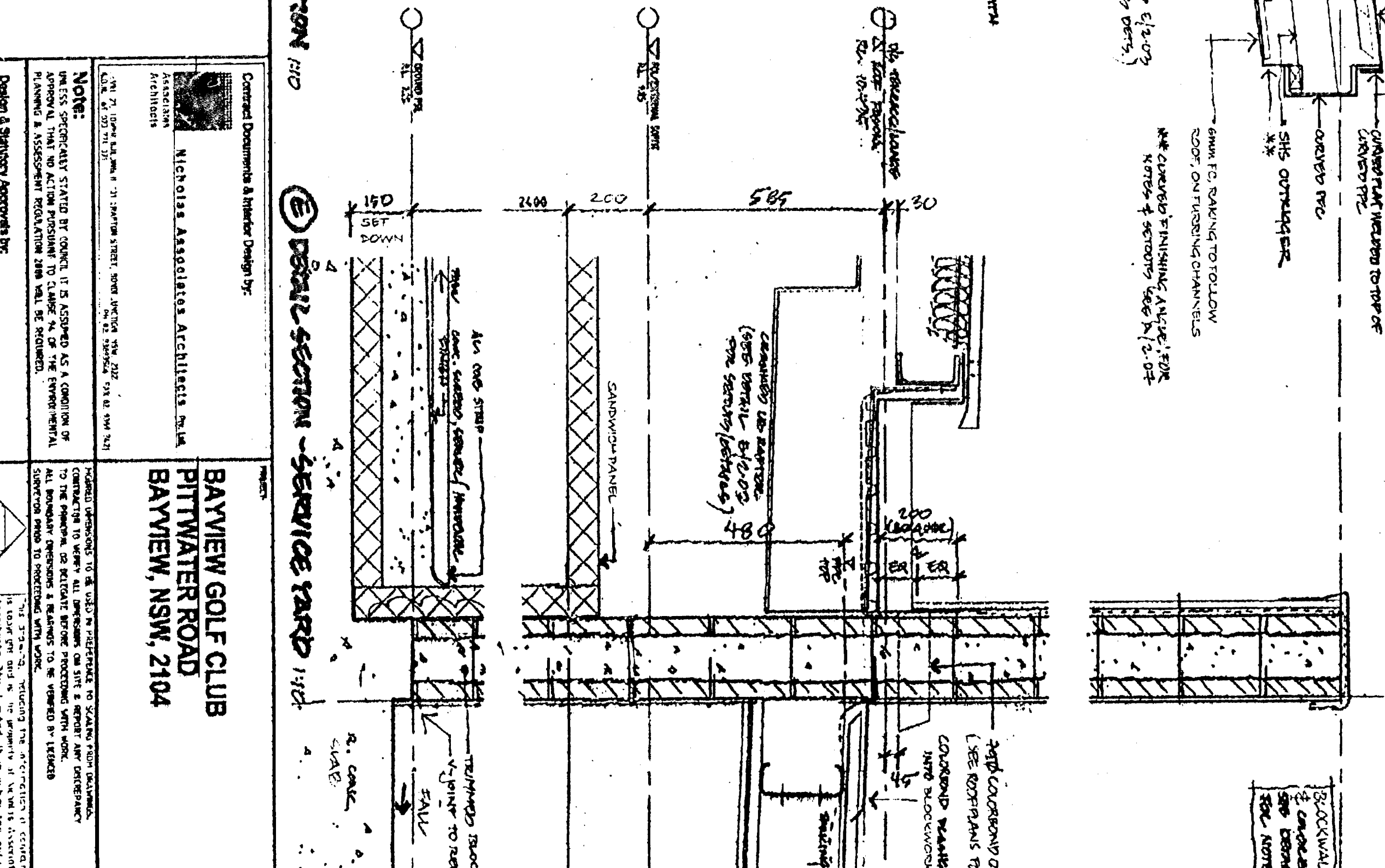
SECTION - A/C PLANT ROOM



SECTION - ROOF JUNCTION

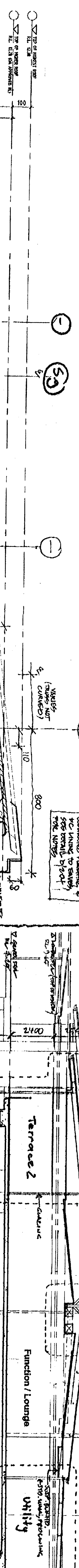


SECTION - SERVICE YARD

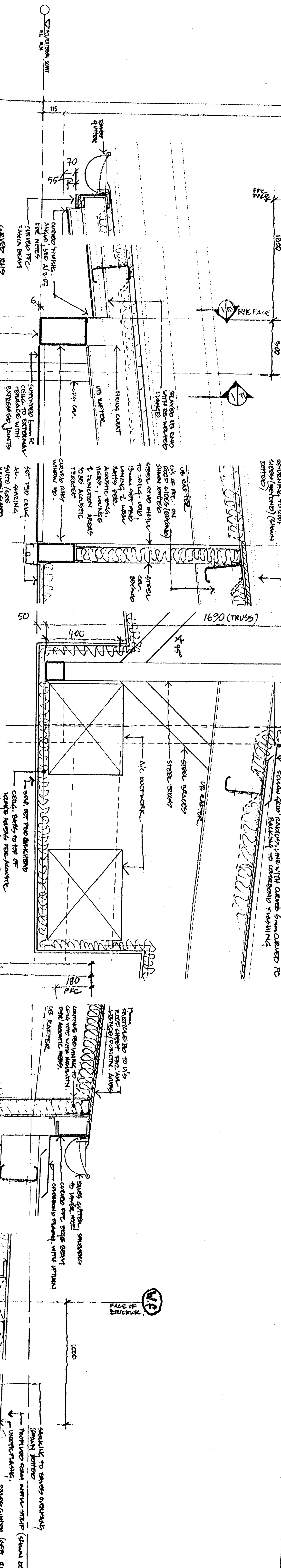


Project information and legend block containing:

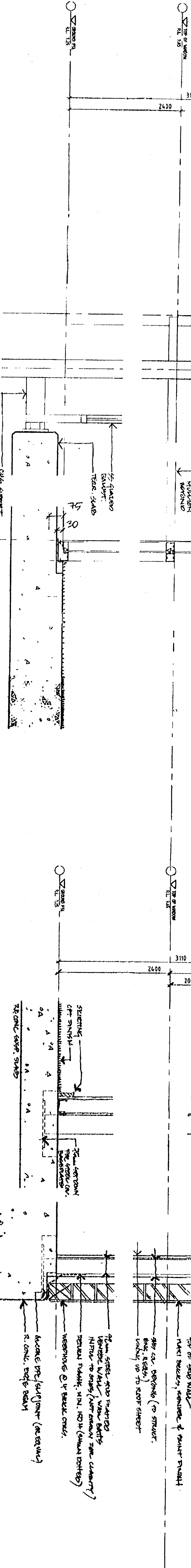
- Project Name: BAYVIEW GOLF CLUB
- Address: PITWATER ROAD, BAYVIEW, NSW, 2104
- Architect: NICHOLAS ASSOCIATES ARCHITECTS PTY LTD
- Scale: 1:50
- Legend: Symbols for structural elements like columns, beams, and walls.
- Notes: General construction notes and specifications.



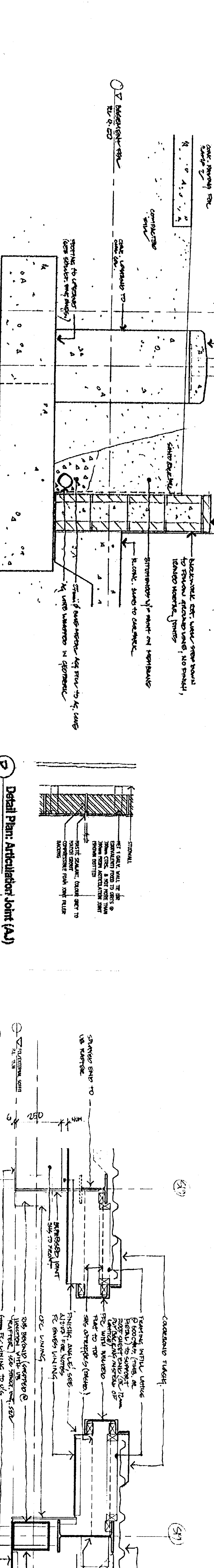
Section - Terrace/Lounge & Terrace 2 1:100



Detail Section - Section Trusses Top N/O



Detail Section - Utility/Service Condit. 1:100



Detail Plan: Articulatory Joint (A)

Detail Section

Detail Section

Detail Section - Terrace 2, Roof N/O

PROJECT INFORMATION		DATE: 15/01/2023	
CLIENT: BAYVIEW GOLF CLUB		DRAWN BY: [Name]	
PROJECT: BAYVIEW GOLF CLUB		CHECKED BY: [Name]	
LOCATION: BAYVIEW, NSW, 2104		SCALE: 1:100	
DESIGNER: [Firm Name]		DATE: 15/01/2023	
PROJECT: BAYVIEW GOLF CLUB		DRAWN BY: [Name]	
LOCATION: BAYVIEW, NSW, 2104		CHECKED BY: [Name]	
DESIGNER: [Firm Name]		DATE: 15/01/2023	

LEGEND:

GENERAL:

- EXISTING: [Symbol]
- NEW: [Symbol]
- ALTERED: [Symbol]
- DEMOLISHED: [Symbol]

WALLS:

- NEW STUCCO WALL SELECTED LINE TO [Symbol]
- NEW STUCCO WALL SELECTED LINE TO [Symbol]
- NEW STUCCO WALL SELECTED LINE TO [Symbol]

ROOFING:

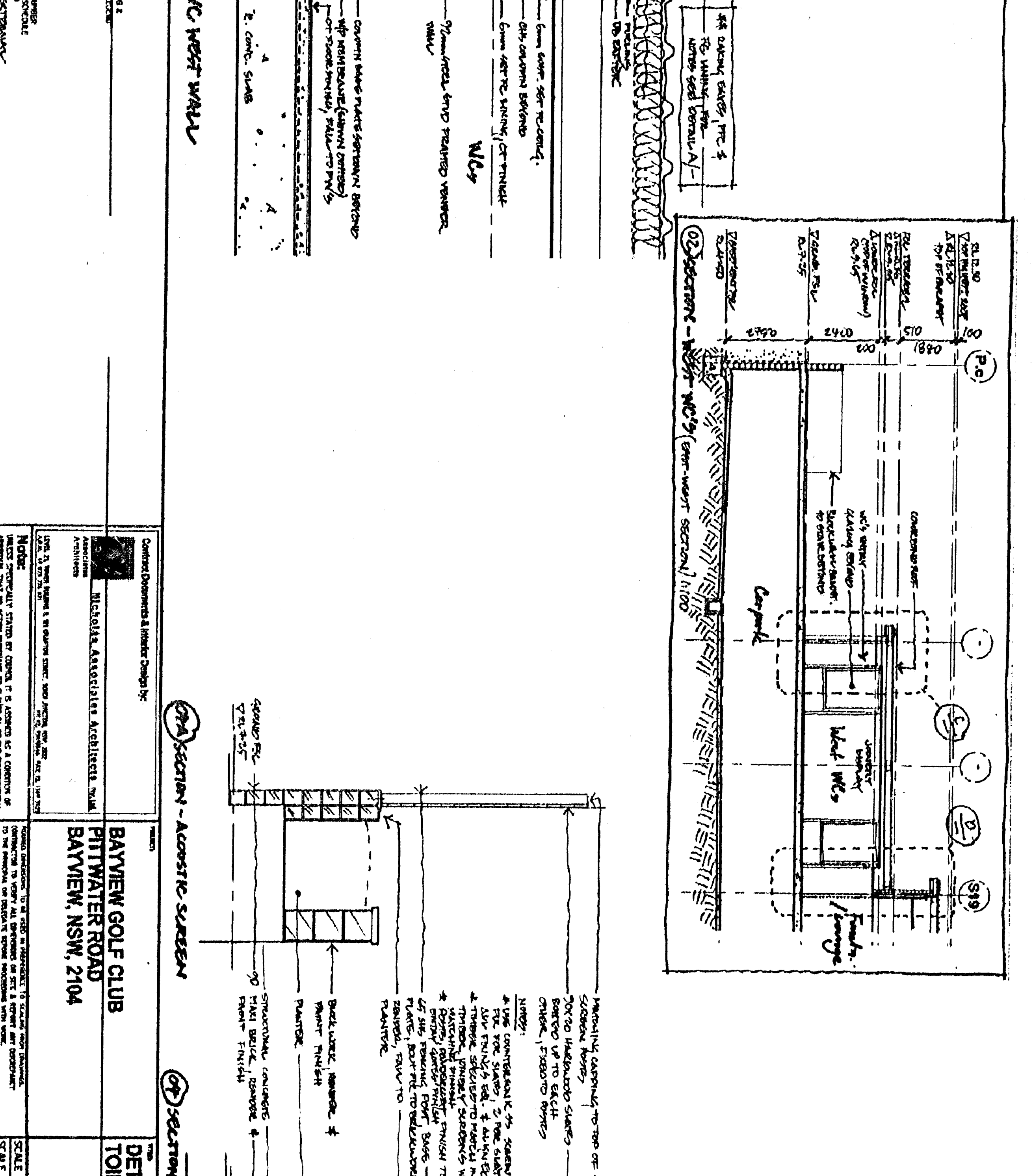
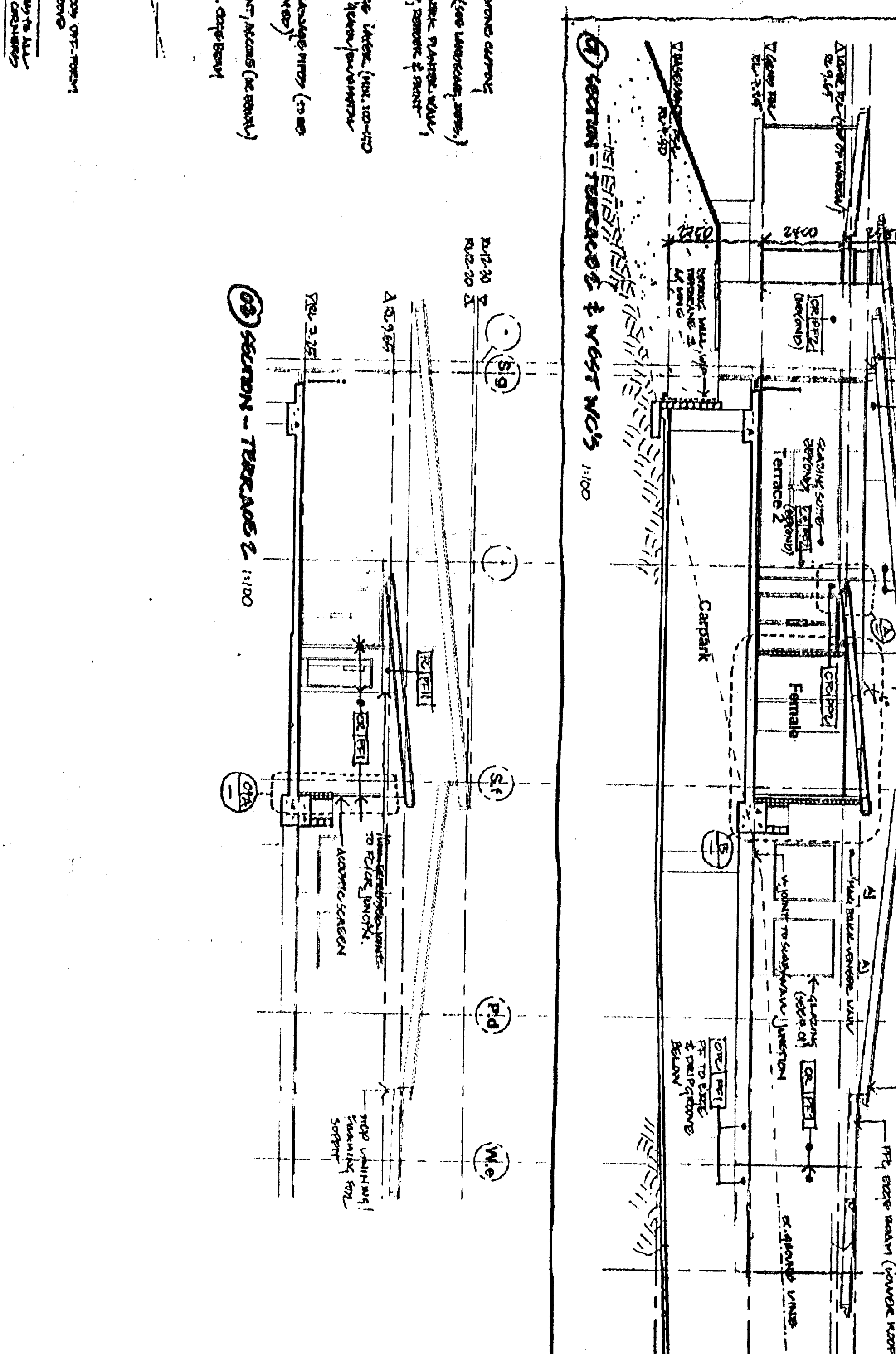
- NEW ROOFING SELECTED LINE TO [Symbol]
- NEW ROOFING SELECTED LINE TO [Symbol]
- NEW ROOFING SELECTED LINE TO [Symbol]

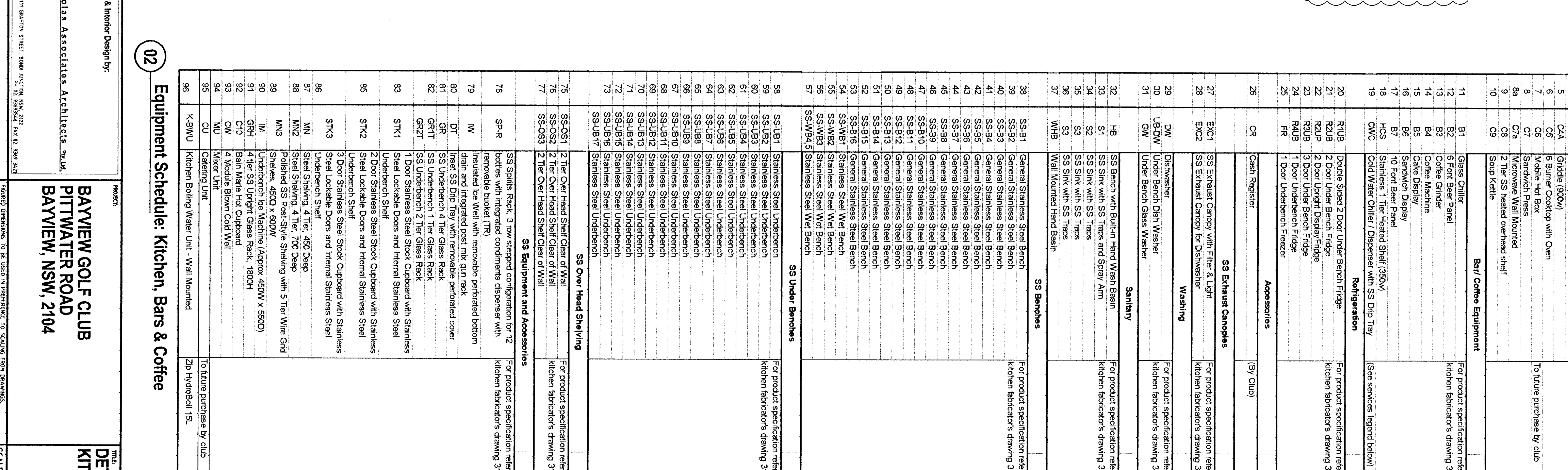
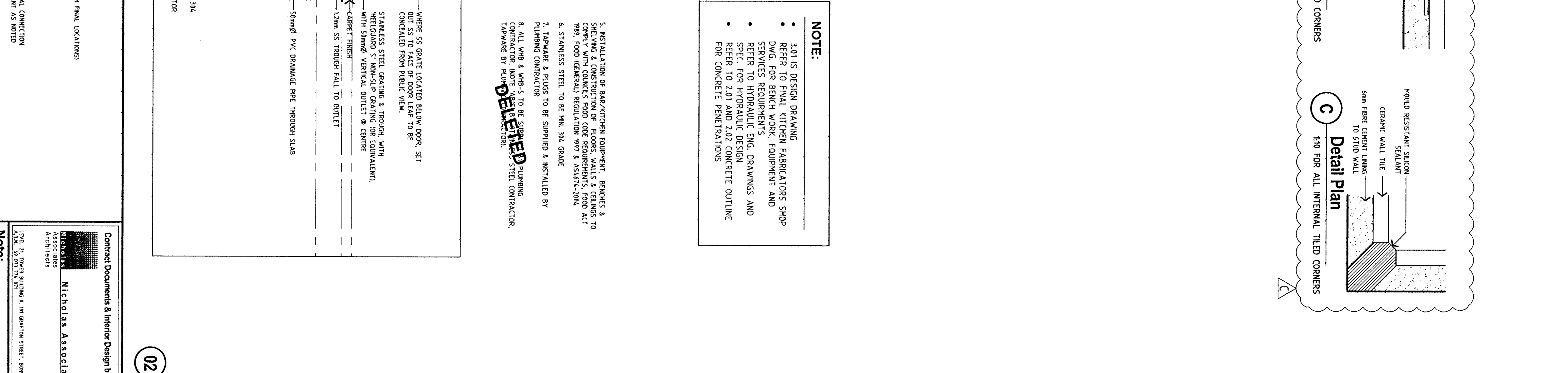
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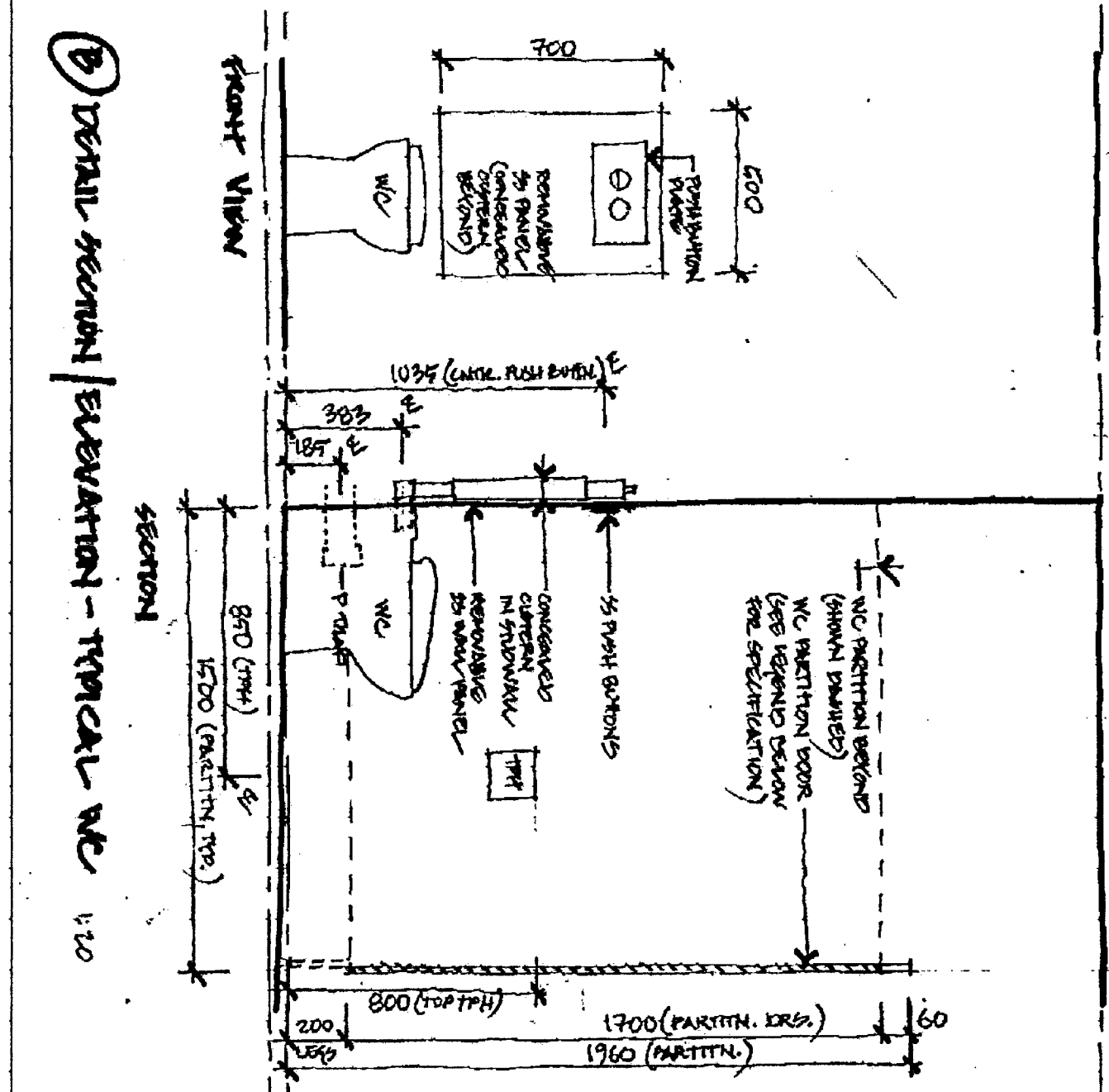
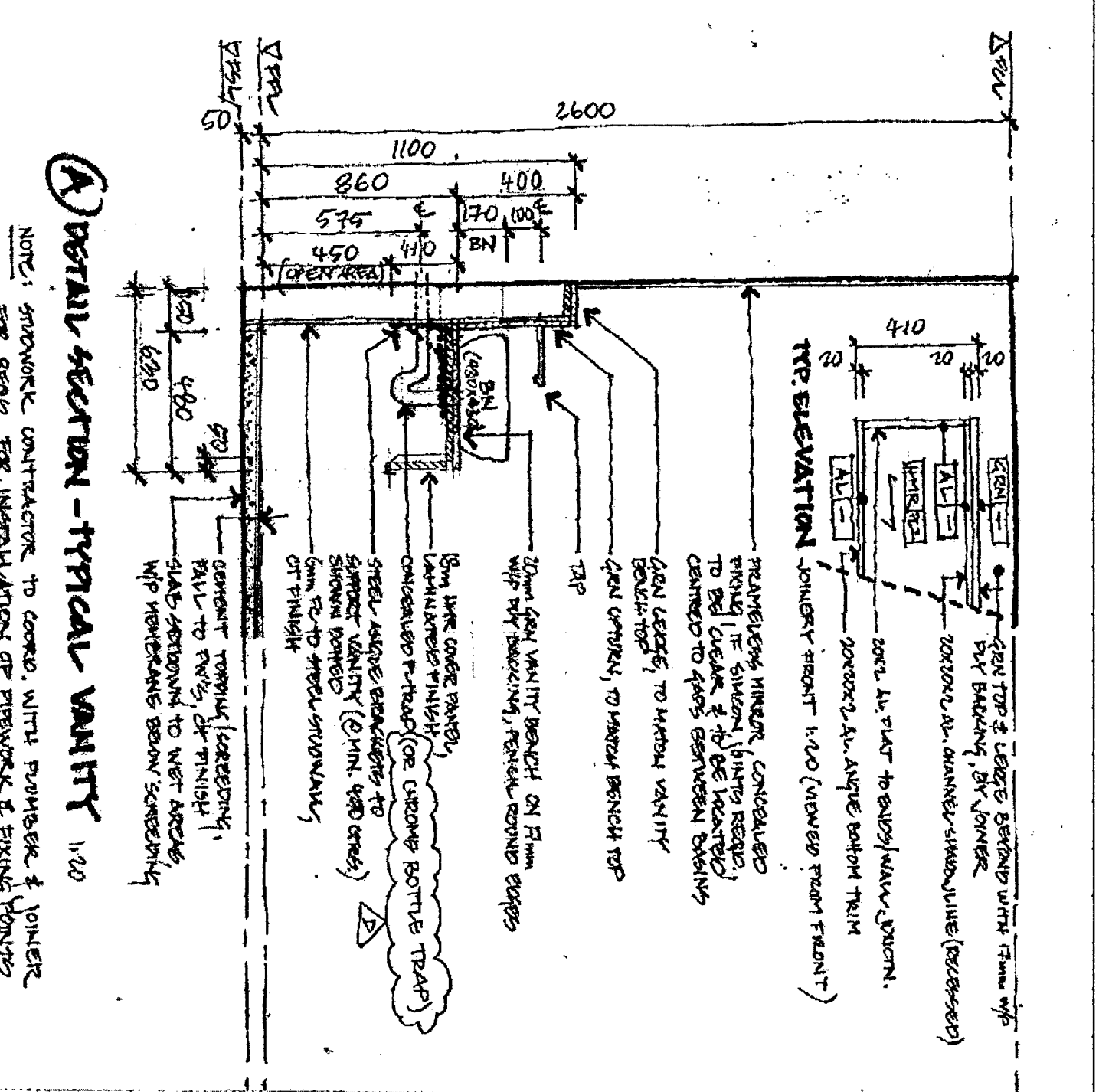
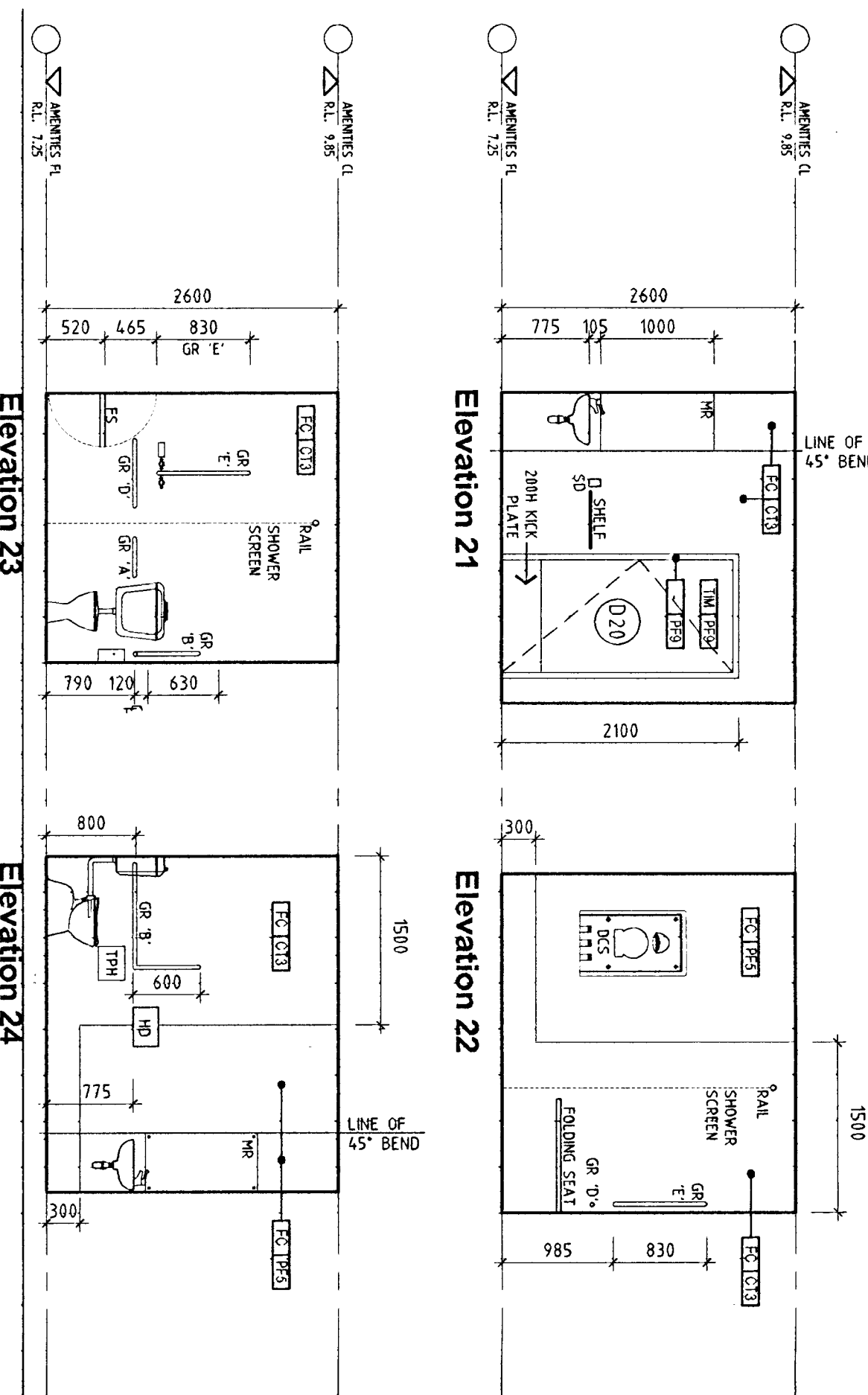
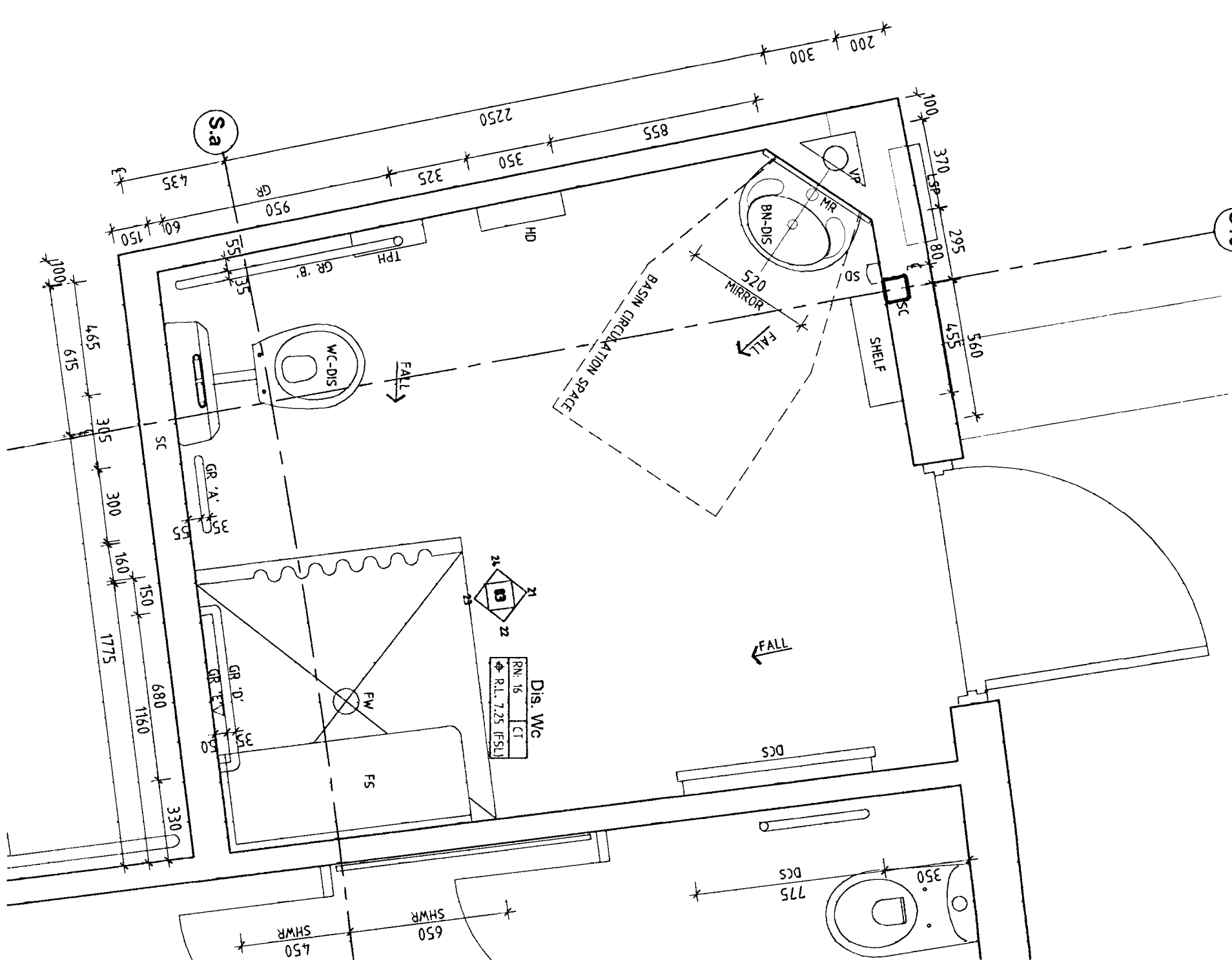
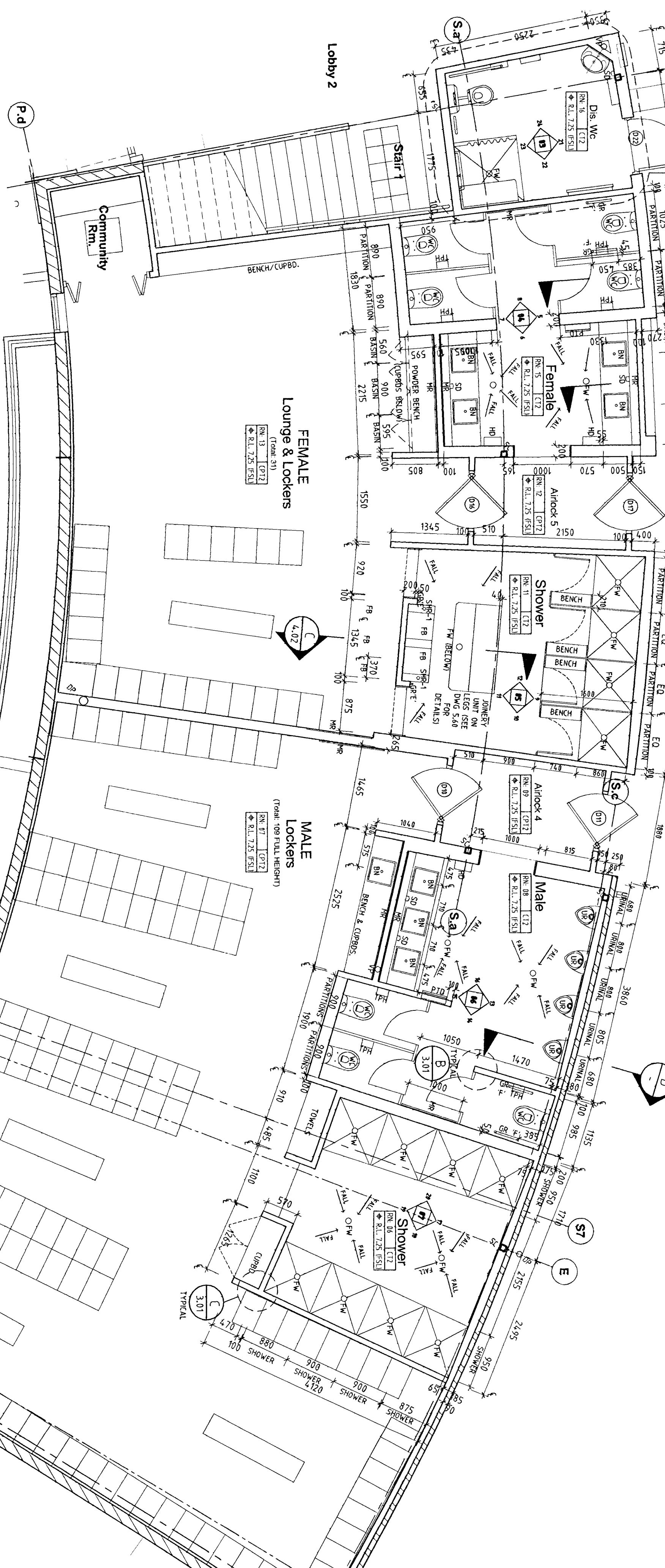
- DETAIL 1: [Symbol]
- DETAIL 2: [Symbol]
- DETAIL 3: [Symbol]

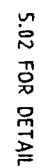
NOTES:

- SEE GENERAL NOTES FOR MATERIALS AND FINISHES.
- SEE GENERAL NOTES FOR CONSTRUCTION METHODS.
- SEE GENERAL NOTES FOR DIMENSIONS AND TOLERANCES.





[illegible]



1:50



KEY PLAN

GENERAL

- ## GENERAL

WALLS

WALLS

BN-W
BNBN-W
BN

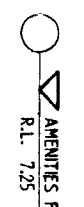
**FINISH
FOR SPECIFIC**

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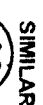


1:50 FEMALE WC

03



1:20 STAFF ROOM BENCH



1:50 BRIDAL ROOM

1:50 BRIDAL ROOM

1:50 STAFF ROOM

Elevation 17

Elevation 18

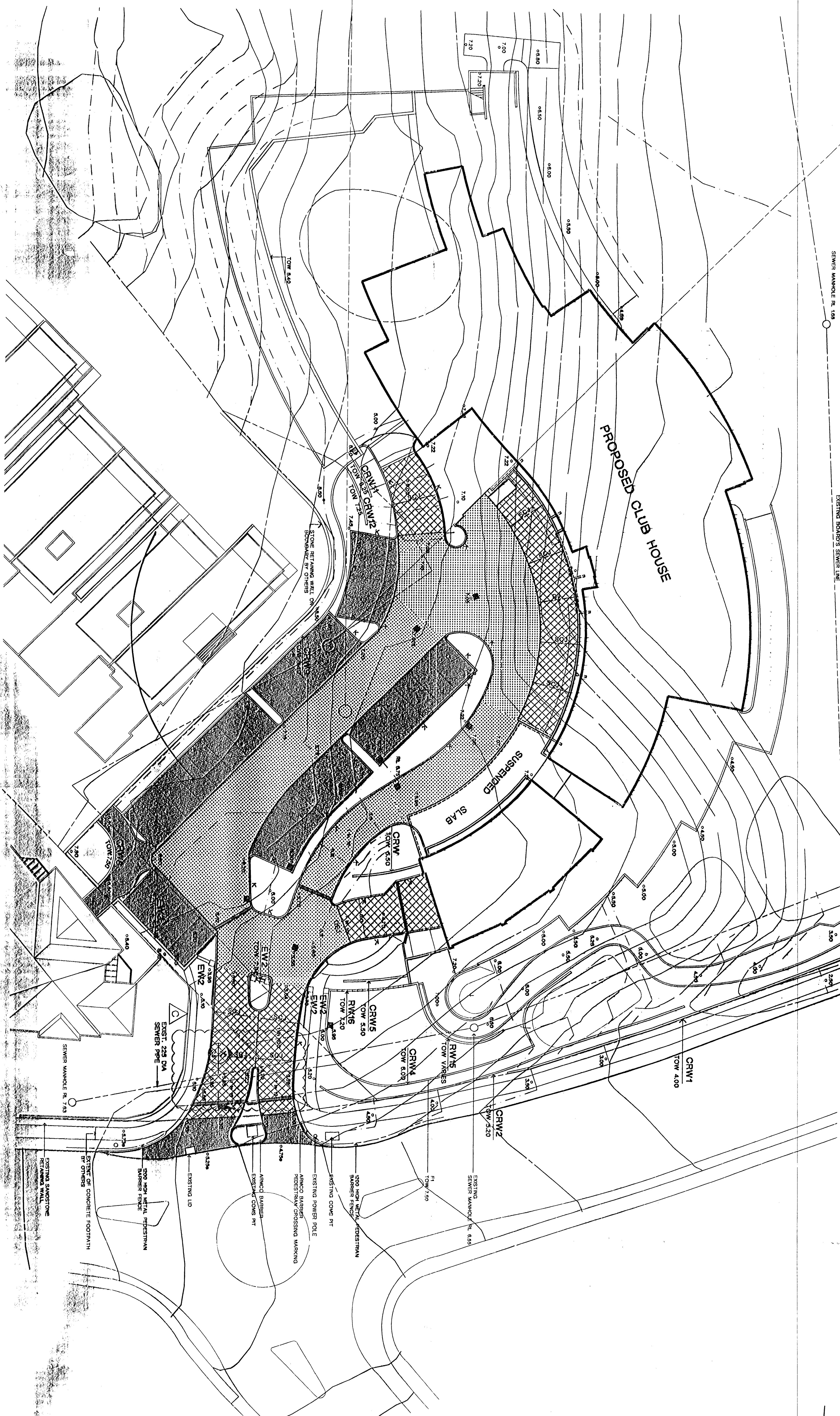


1:50

3

3

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SCALE 1200

$\frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

- | | |
|---|---|
|  | DENOTES ASPHALT/TC CONCRETE PAVING, 50mm ACID ASPHALT OVER 250mm BASE OF DGB20 & 150mm SUB-BASE OF DGB30. FOR VEHICLE CHAIR & TRUCK ACCESS EXCEPT FOR SECTION OVER SEWER PIPE MANH. |
|  | DENOTES ASPHALT/TC CONCRETE PAVING, 30mm ACID ASPHALT OVER 200mm BASE OF DGB20 & 100mm SUB-BASE OF DGB30. |
|  | DENOTES CONCRETE SLAB - 150 THICK, SLAB MESH (TOP) ALL LAD OVER 100mm COMPACTED DGB20 SUB-BASE (MINIMUM). |

NOTE 1. REFER TO SITE PREPARATION NOTES

		Copyright Low & Moore Partners as date of issue	
C	LETTER INDICATED AT ENTRY OVERSEAS LINE	18/04/08	
B	CONSTRUCTION RE-ISSUE	13/04/08	
A	CONSTRUCTION ISSUE	10/12/07	
3	ISSUE ISSUE	20/09/07	
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION WITHOUT REISSUE			
LOW & MOORE PARTNERS Consulting Civil/Structural Engineers 100/102 Pitt Street Sydney NSW 2000 Offices in Sydney & Melbourne Level 1, 370 Market Street			
Architects HODGES SHORTEN ARCHITECTS PTY LTD			
Project BAYVIEW GOLF CLUB PROPOSED CLUB HOUSE			
Drawn M		DO NOT	

CONSTRUCTION NOTES

GENERAL NOTES

01. THESE DRAWINGS SHALL BE FIELD IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONTRACTANT'S DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS THAT MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE SPECIFICATIONS SHALL BE RESOLVED BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL CHECK AND BE RESPONSIBLE FOR THE CORRECTNESS OF ALL DIMENSIONS AND ANY DISCREPANCY SHALL BE REPORTED IMMEDIATELY TO THE SUPERINTENDING DIMENSION SHALL BE OBTAINED BY MEASURING FROM THE DIMENSION.
02. THE STABILITY OF THE BUILDING FORMS CONSTRUCTION AND EROSION IN THE CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. NO PART OF THE STRUCTURE SHALL BE OVER STRESSED. APPROVAL OF ALL PROPOSALS MUST BE GRANTED BY THE ARCHITECT PRIOR TO THE COMMENCEMENT OF WORK.
03. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FORTY EIGHT HOURS BEFORE THE REINFORCEMENT IS COMPLETED. THE CONTRACTOR SHALL ALLOW TWO (2) HOURS AFTER THE COMPLETION OF THE REINFORCEMENT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE REINFORCEMENT IS APPROVED BY THE ENGINEER. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT SAA CODES, THE S-T-14MS AND CONDITIONS OF THE RELATIVE BUILDING AUTHORITY AND THE SPECIFICATION.
04. NO CHANGES SHALL BE MADE WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.
05. FIELD REPORTS MUST BE NOTED OTHERWISE ON THE DRAWINGS.
06. DESIGN LIVE LOADS:

IN ACCORDANCE WITH AS/AS/ST/11 3002	2.0 kPa
CEMENT	2.0 kPa
STAIRS	4.0 kPa
ROOF	0.5 kPa
ROOF	0.5 kPa
CLUB FLOOR LVL.	4.0 kPa
TERACE	4.0 kPa
LOBBY	4.0 kPa
LOBBY DOOR	4.0 kPa
STAIRWAY	4.0 kPa
STAIRWAY CONCRETE DRIVEWAY	4.0 kPa
TOILET/WC/DOOR ROOMS	2.0 kPa
07. DESIGN WIND LOADS:

IN ACCORDANCE WITH AS/AS/ST/11 3002	2.0 kPa
CEMENT	2.0 kPa
STAIRS	4.0 kPa
ROOF	0.5 kPa
ROOF	0.5 kPa
CLUB FLOOR LVL.	4.0 kPa
TERACE	4.0 kPa
LOBBY	4.0 kPa
LOBBY DOOR	4.0 kPa
STAIRWAY	4.0 kPa
STAIRWAY CONCRETE DRIVEWAY	4.0 kPa
TOILET/WC/DOOR ROOMS	2.0 kPa
08. DESIGN WIND LOADS:

IN ACCORDANCE WITH AS/AS/ST/11 3002	2.0 kPa
CEMENT	2.0 kPa
STAIRS	4.0 kPa
ROOF	0.5 kPa
ROOF	0.5 kPa
CLUB FLOOR LVL.	4.0 kPa
TERACE	4.0 kPa
LOBBY	4.0 kPa
LOBBY DOOR	4.0 kPa
STAIRWAY	4.0 kPa
STAIRWAY CONCRETE DRIVEWAY	4.0 kPa
TOILET/WC/DOOR ROOMS	2.0 kPa
09. DESIGN WIND LOADS:

IN ACCORDANCE WITH AS/AS/ST/11 3002	2.0 kPa
CEMENT	2.0 kPa
STAIRS	4.0 kPa
ROOF	0.5 kPa
ROOF	0.5 kPa
CLUB FLOOR LVL.	4.0 kPa
TERACE	4.0 kPa
LOBBY	4.0 kPa
LOBBY DOOR	4.0 kPa
STAIRWAY	4.0 kPa
STAIRWAY CONCRETE DRIVEWAY	4.0 kPa
TOILET/WC/DOOR ROOMS	2.0 kPa
10. DESIGN WIND LOADS:

IN ACCORDANCE WITH AS/AS/ST/11 3002	2.0 kPa
CEMENT	2.0 kPa
STAIRS	4.0 kPa
ROOF	0.5 kPa
ROOF	0.5 kPa
CLUB FLOOR LVL.	4.0 kPa
TERACE	4.0 kPa
LOBBY	4.0 kPa
LOBBY DOOR	4.0 kPa
STAIRWAY	4.0 kPa
STAIRWAY CONCRETE DRIVEWAY	4.0 kPa
TOILET/WC/DOOR ROOMS	2.0 kPa

SITE PREPARATION

391. REFER TO THE GEOTECHNICAL REPORT PREPARED BY DOUGLAS
MATHERN, REPORT NO. 58850, DATED FEBRUARY 2004,
NORTHERN END OF SITE FILLING ABOVE THE TOE OF THE LOOSE
392. SLOPE EXISTING ON THE EAST SIDE OF THE ROAD. REMOVE EXISTING UNCONSOLIDATED FILLING AND WHERE NECESSARY, THE
LAYER OF HEAVY CLAY CLAY DRAIN BROWNS SUBJECT TO
393. REMOVAL OF EXISTING WATER AT LEAST TO PASSAGE OF A ROLLER
STANDARD OF AT LEAST TO TOWNE DEFLECTION CAPACITY WITH
THE FINAL PASSAGE OF THE ROLLER BEING WITNESSED BY AN
EXPERIENCED GEOTECHNICAL ENGINEER.
394. ALL SOFT OR COMPRESSIBLE MATERIAL IS TO BE REMOVED FOR A
MINIMUM DEPTH OF 18" AND REPLACED WITH AN APPROVED
SUBGRADE MATERIAL. TESTING ON THE EXISTING SUBGRADE
395. SHALL BE CONDUCTED TO DETERMINE THE PROPERTIES OF THE
WATER TABLE AND LIFT ADDITIONAL OVER-DEWATERING
CARRY OUT TESTING TO VERIFY THAT THE EXPOSED SURFACE OF
THE SUBGRADE HAS BEEN COMPACTED TO A MINIMUM DENSITY UNTO
NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY OBTAINED IN THE
LABORATORY STANDARD COMPACTION TEST.
396. AFTER FILLING, THE EXISTING SUBGRADE SHALL BE COVERED BY A LAYER
TO PREVENT FILLING FROM COMING INTO CONTACT WITH THE EXISTING
SUBGRADE. THE FILLING SHALL BE PLACED IN LAYERS
397. NOT TO EXCEED 6" TO 8" AND COMPACTED TO A MINIMUM DENSITY
UNTO 95% OF THE MAXIMUM DRY DENSITY OBTAINED IN THE
LABORATORY STANDARD COMPACTION TEST.
398. THE EXISTING SUBGRADE SHALL BE COVERED BY A LAYER
TO PREVENT FILLING FROM COMING INTO CONTACT WITH THE EXISTING
SUBGRADE. THE FILLING SHALL BE PLACED IN LAYERS
399. NOT TO EXCEED 6" TO 8" AND COMPACTED TO A MINIMUM DENSITY
UNTO 95% OF THE MAXIMUM DRY DENSITY OBTAINED IN THE
LABORATORY STANDARD COMPACTION TEST.

FOOTINGS

1. REPORT TO THE GEOLOGICAL SURVEY REGARDING AN OCEANIC MAPPING PROJECT, NO. 38000, DATED 1950, 1951, 1952.
2. MAP AND STRIP PHOTOGRAPH HAVE BEEN DESIGNED FOR AN ALUMINUM CLAMPEE OF 38000 IN THE VERY STRIP TO SHOW NEUTRAL CLAMPEE OF 38000.
3. MAP AND STRIP PHOTOGRAPH HAVE BEEN DESIGNED FOR AN ALUMINUM CLAMPEE OF 38000 IN THE VERY STRIP TO SHOW NEUTRAL CLAMPEE OF 38000.
4. MAP AND STRIP PHOTOGRAPH HAVE BEEN DESIGNED FOR AN ALUMINUM CLAMPEE OF 38000 IN THE VERY STRIP TO SHOW NEUTRAL CLAMPEE OF 38000.

CONCRETE

- C1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT SAA CODE BOOK, WITH AMENDMENTS, EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
- C2. CONCRETE QUALITY : 2

ELEMENT	SLAB THICK	MAX SPAN	CURST TYPE	MOOD.	COMPLET PERCENT
SEAL/ FOOTING	80	20m	A	S/A	35 80%
SLAB ON GROUND	80	20m	A	S/A	32 80%
COLLUMS	80	20m	A	S/A	32 80%
WICKST WALL PANELS	80	20m	A	S/A	40 80%
PAVING SLABS	80	20m	A	S/A	32 80%
EXPOSED WALL	250	50m	A	S/A	35 80%

23. SUBMITTED CONCRETE FALLOWS ONLY -
MAX. CRACKS: 0.001 IN.
MAX. PERMISSIBLE CRACKS: 0.001 IN.
DATE: 11/1/88
24. CLEAR CONCRETE COVER IN ALL TO REINFORCEMENT U.S.A. SHALL BE AS FOLLOWS:

STRUCTURAL ELEMENT	REINFORCEMENT COVER			
	INTERNAL		EXTERNAL	
	TOP	BTL	TOP	BTL
SLAB ON GROUND	30	30	40	40
FOOTINGS	80	80	80	80
RAILINGS	20	20	40	40
COLUMNS	40	40	40	40
RETAINING WALLS	80	50	50	50
STEPS	30	30	40	40
FINISHED WALLS	20	20	40	40
PIERS				
	80 ALL ROUND			

1. CONCRETE POURED OVER A MEMBRANE ON THE GROUND IS ISSUED AS ITTVAL.
2. CONCRETE EXPOSED TO COMBUSTIBLE VAPORS, COMBUSTIBLE GROUND WATER, SEA WATER OR SPRAWL IS TO HAVE REINFORCEMENT COVERED AS NOTED ON THE DRAWINGS.

STRUCTURAL STEELWORK

- [illegible]

BRICKWORK AND BLOCKWORK

- B1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT CODE A80700 EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
- B2. STRENGTHS OF BRICK, CLASS OF BLOCKS AND TYPE OF MORTAR PORTLAND CEMENT, HYDRATED LIME, SANDS SHALL BE AS FOLLOWS:

ELEMENT	MATERIAL	STRENGTH OR CLASS (C)	MORTAR TYPE
RETAINING STRENGTH WALLS	CLAY BRICKS	COMPRESSIVE TWO TO SIX COMPARISON TO ADVICE 4000	1:1:6 S

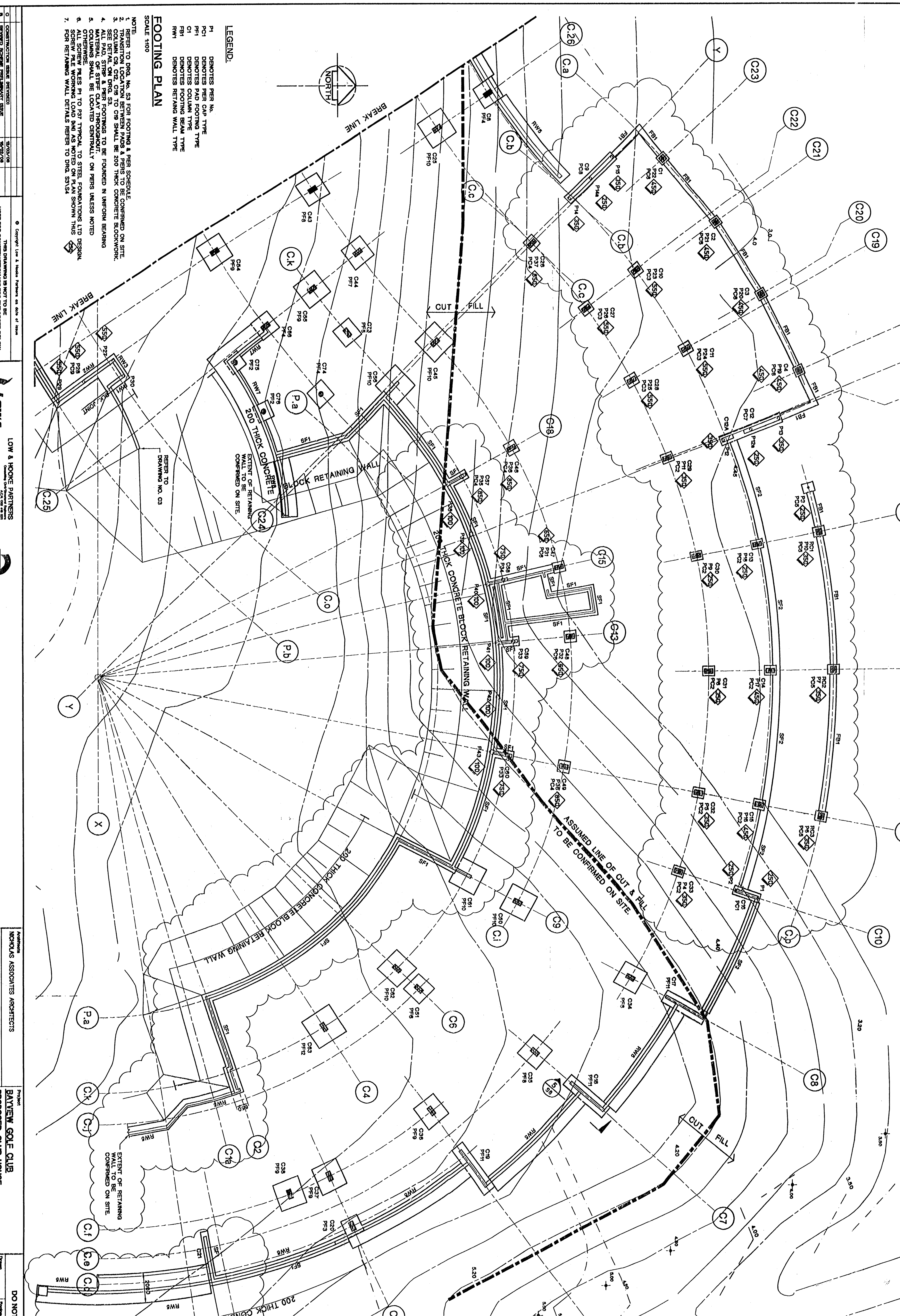
- [illegible]

ASPHALTIC CONCRETE

- [illegible]

ROAD SURFACE TEMPERATURE IN SHADE (°C)		MAX TEMPERATURE (°C)	
5 - 10		NOT PERMITTED	
10 - 15		50	
15 - 20		60	
OVER 20		70	

- [illegible]



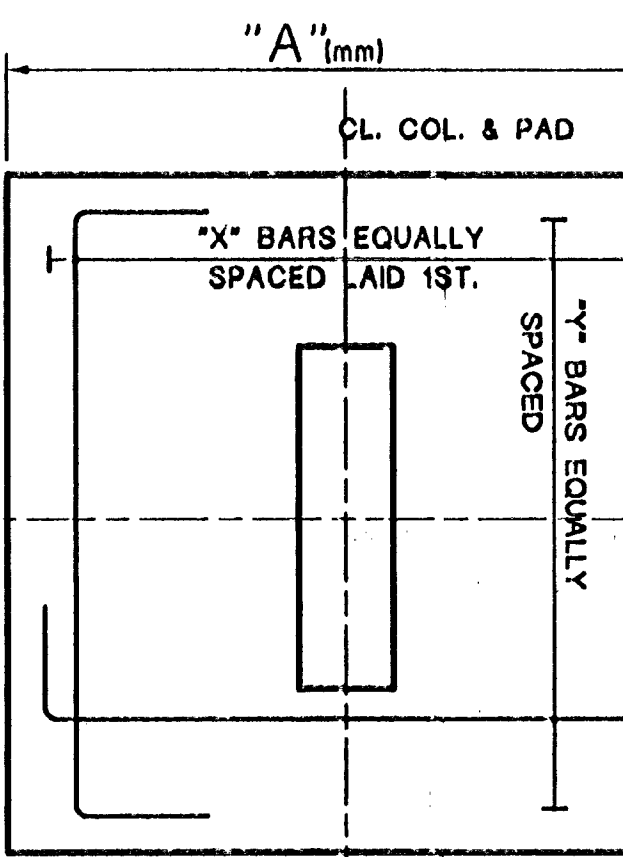
PE1	1000	1000	400	NB-250	NB-250	-	-	300
PE2	1000	1000	400	NB-250	NB-250	-	-	300
PE3	1200	1200	400	NB-250	NB-250	-	-	300
PE4	1300	1300	400	NB-250	NB-250	-	-	300
PE5	1400	1400	400	NB-250	NB-250	-	-	300
PE6	1500	1500	500	NB-200	NB-200	-	-	300
PE7	1600	1600	500	NB-200	NB-200	-	-	300
PE8	1700	1700	500	NB-200	NB-200	-	-	300
PE9	1800	1800	500	NB-200	NB-200	-	-	300
PE10	2000	2000	500	NB-200	NB-200	-	-	300
PE11	3300	600	600	AS FOR SF-1	-	-	-	300
PE12	2200	2200	600	NB-150	NB-150	-	-	300

NOTE:

1. ALLOWABLE SOIL BEARING CAPACITY - 250 KPA TO BE CONFIRMED ON SITE BY A GEOTECHNICAL ENGINEER. (TYPICAL)

PIER CAP SCHEDULE					
PIER TYPE	LENGTH	WIDTH	THICKNESS	REINFORCEMENT	COG
	A (mm)	B (mm)	C (mm)	TOP BARS BOTTOM BARS	TES ARRANGEMENT (VERTICAL LINES)
PC1	1800	700	500	4N20 4N24	NB-200
PC2	800	700	750	4N20 B.W. 4N20 B.W.	NB-200 HORIZ.
PC3	800	800	900	4N20 B.W. 4N20 B.W.	NB-150 HORIZ.
PC4	850	850	1000	5N24 B.W. 5N24 B.W.	NB-150 HORIZ.
PC5	800	700	750	4N20 B.W. 4N20 B.W.	NB-200 HORIZ.
PC6	700	700	750	4N20 B.W. 4N20 B.W.	NB-200 HORIZ.
PC7	4650	700	600	4N24 4N24	NB-200
PC8	4650	700	600	4N24 4N24	NB-200
PC9	REFER TO ELEVATION				

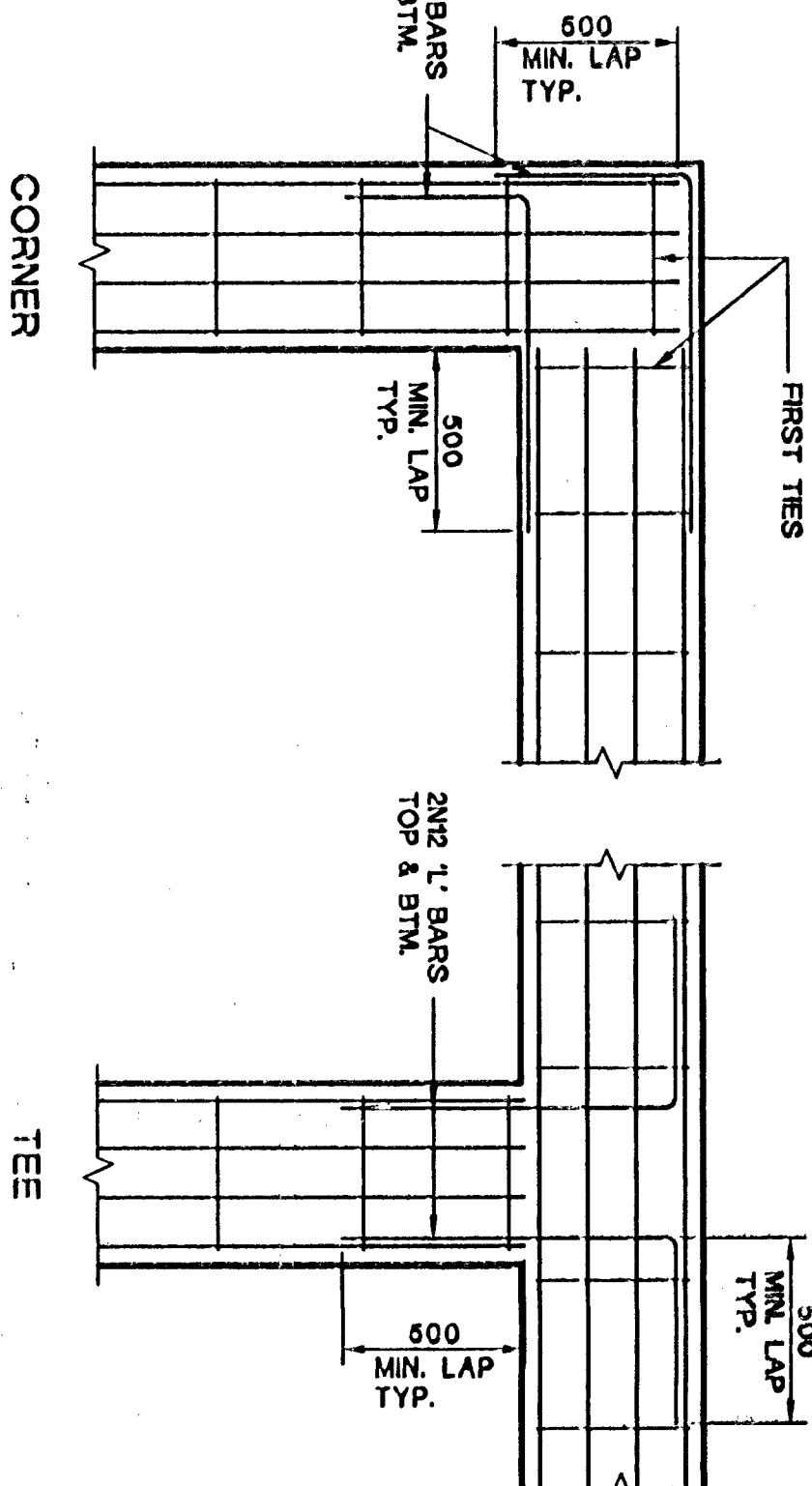
B.W. DENOTES BOTH WAYS
HORIZ. DENOTES HORIZONTAL



TYPICAL PAD FOOTING

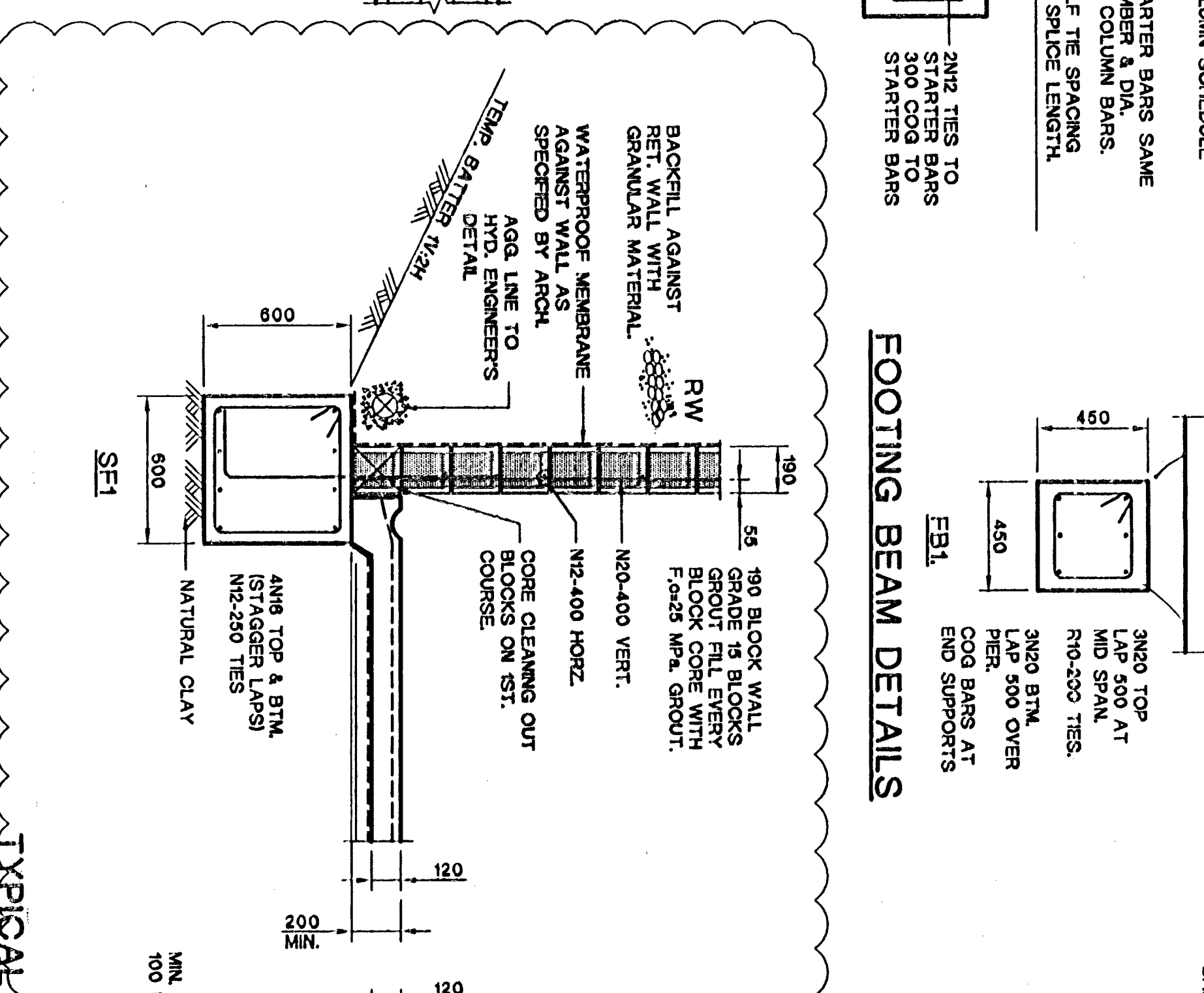
SECTION

TYPICAL STRIP FOOTING JUNCTION DETAILS



TYPICAL STRIP FOOTING JUNCTION DETAILS

FOOTING BEAM DETAILS

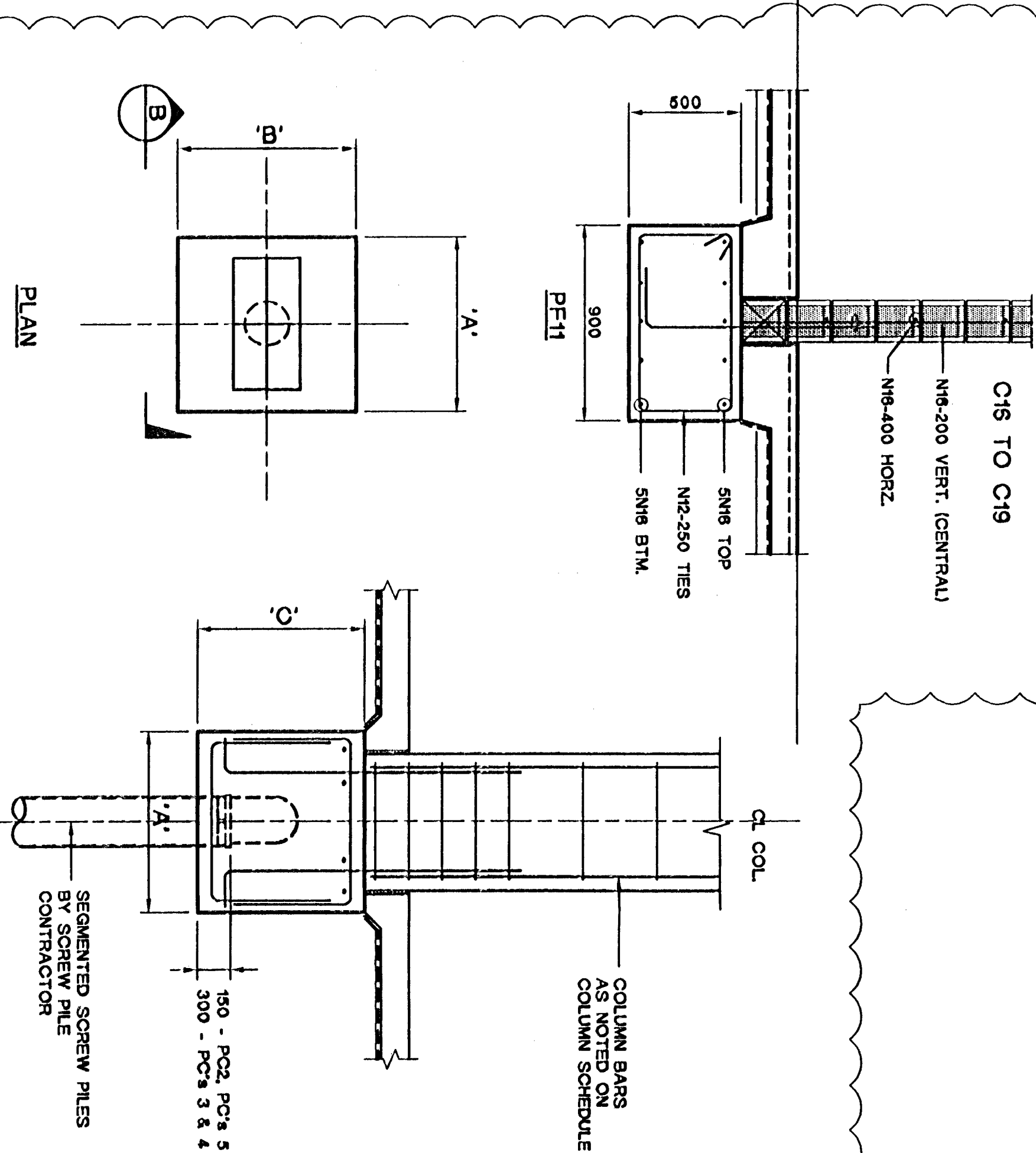
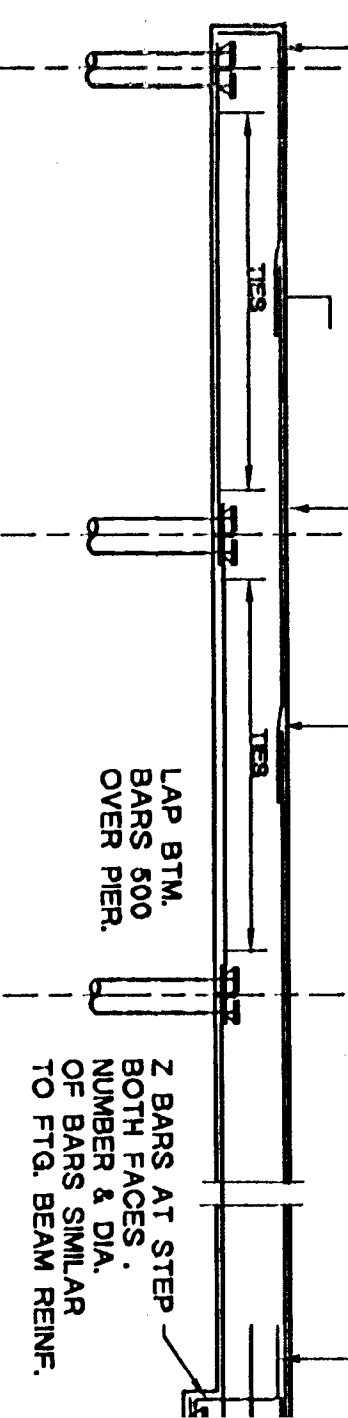


END SPAN

INTERNAL SPAN

FOOTING

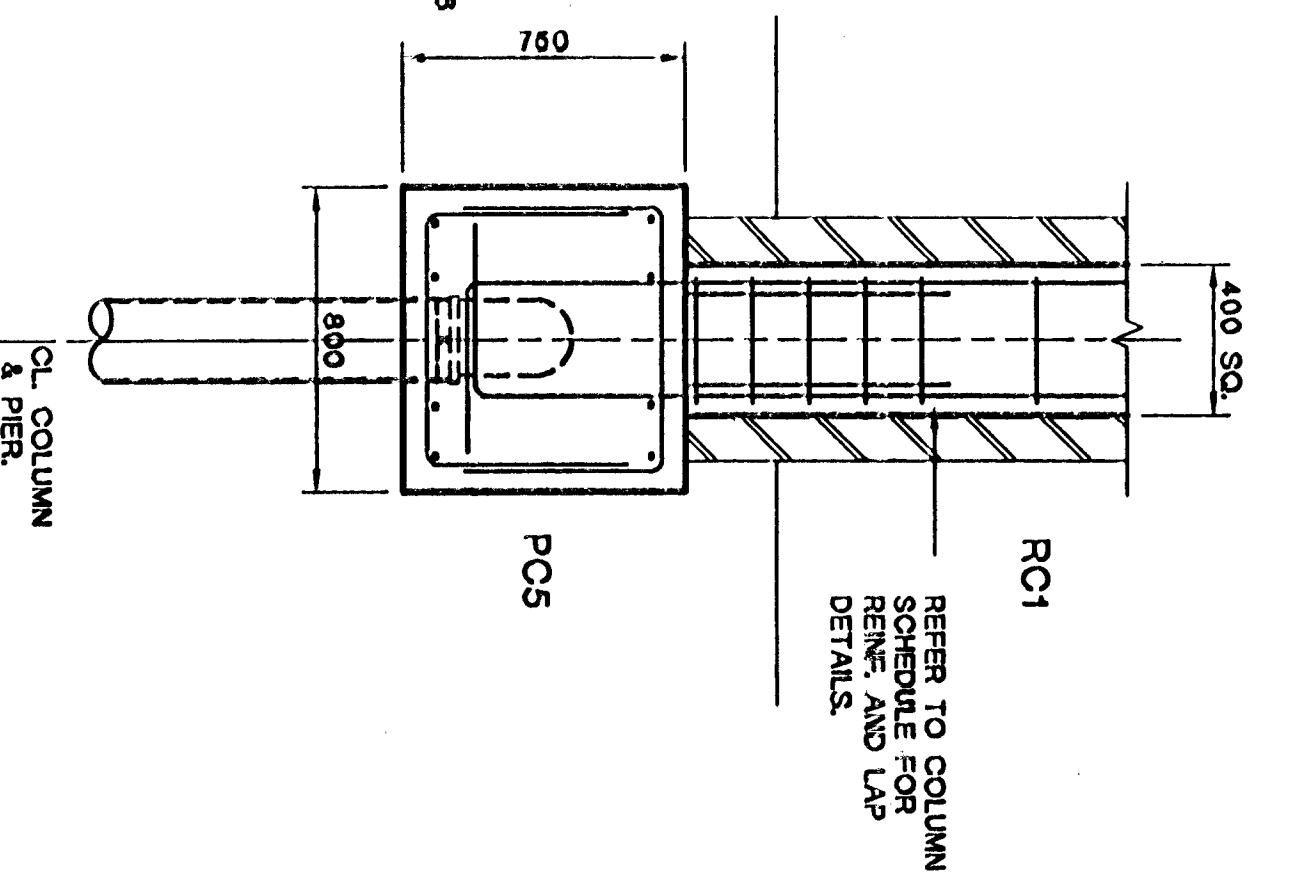
TYPICAL PIER & BEAM ELEVATION



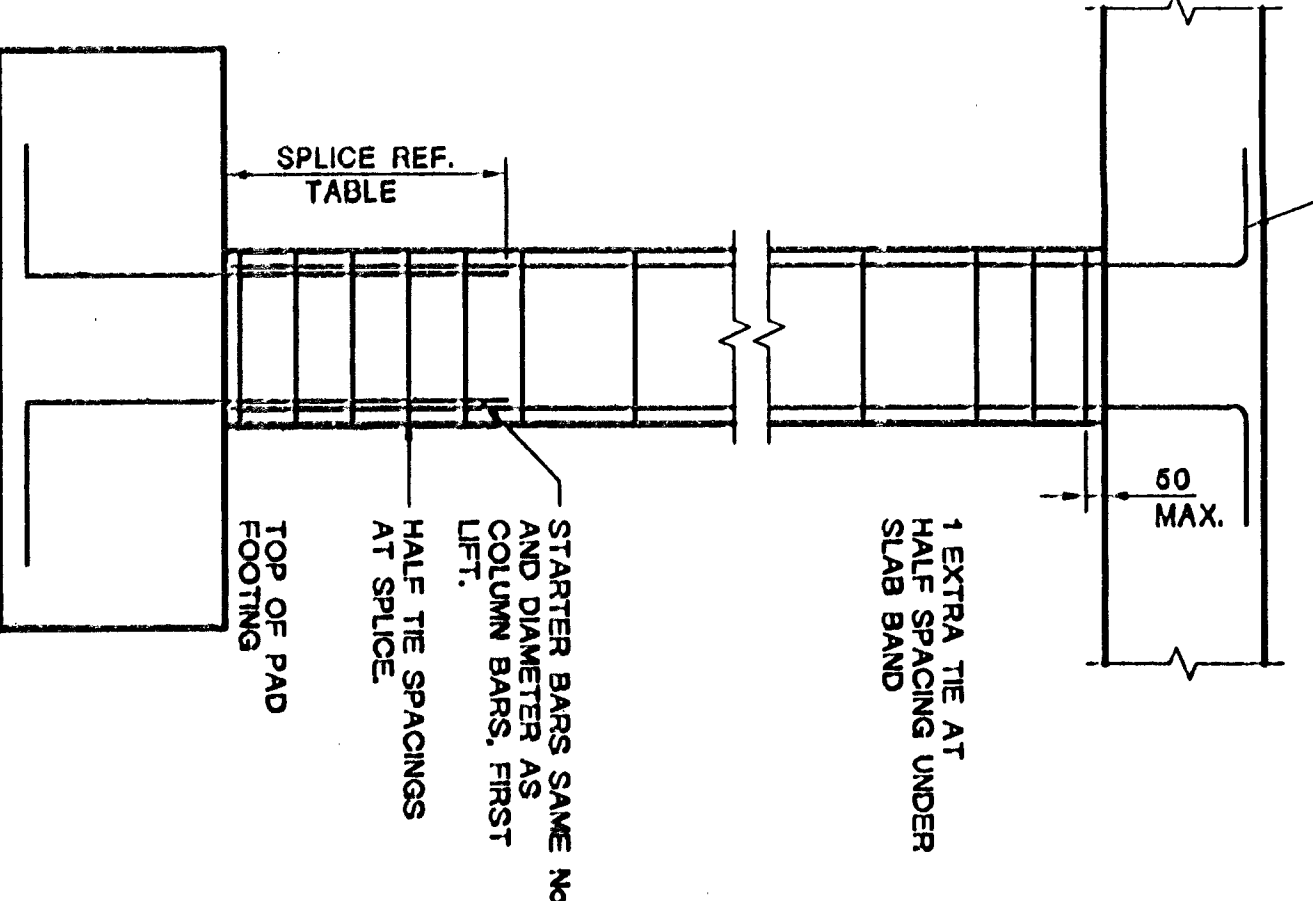
TYPICAL PIER CAP FOOTING

SECTION B

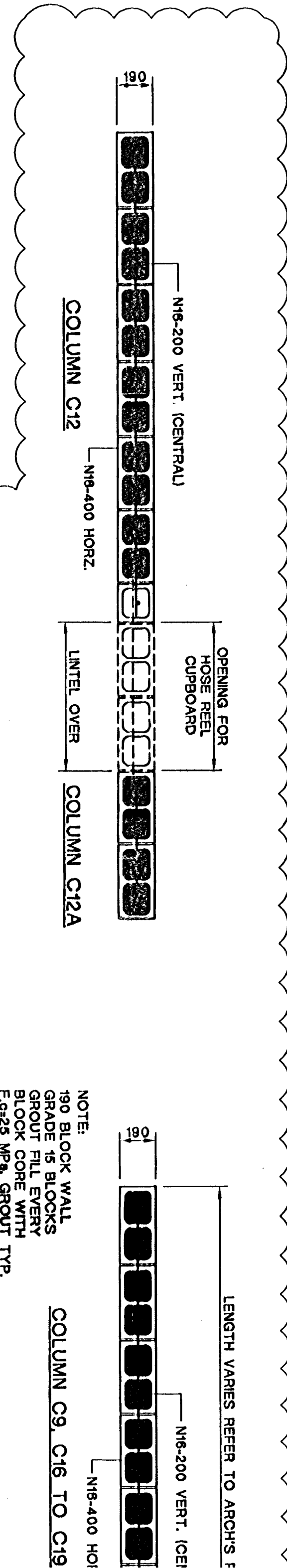
DETAIL AT RAMP COLUMN RC1



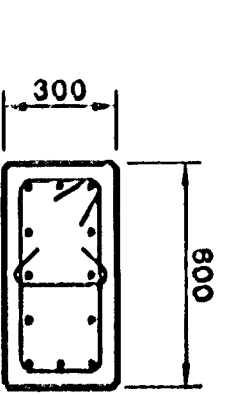
TYPICAL INTERNAL COLUMN



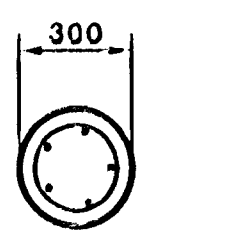
TYPICAL BLOCKWORK COLUMN DETAILS



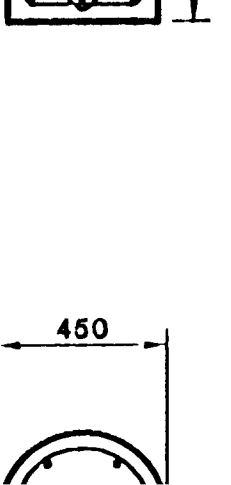
TYPICAL BLOCK JOINT DETAIL



TYPICAL BLOCK CORNER DETAIL



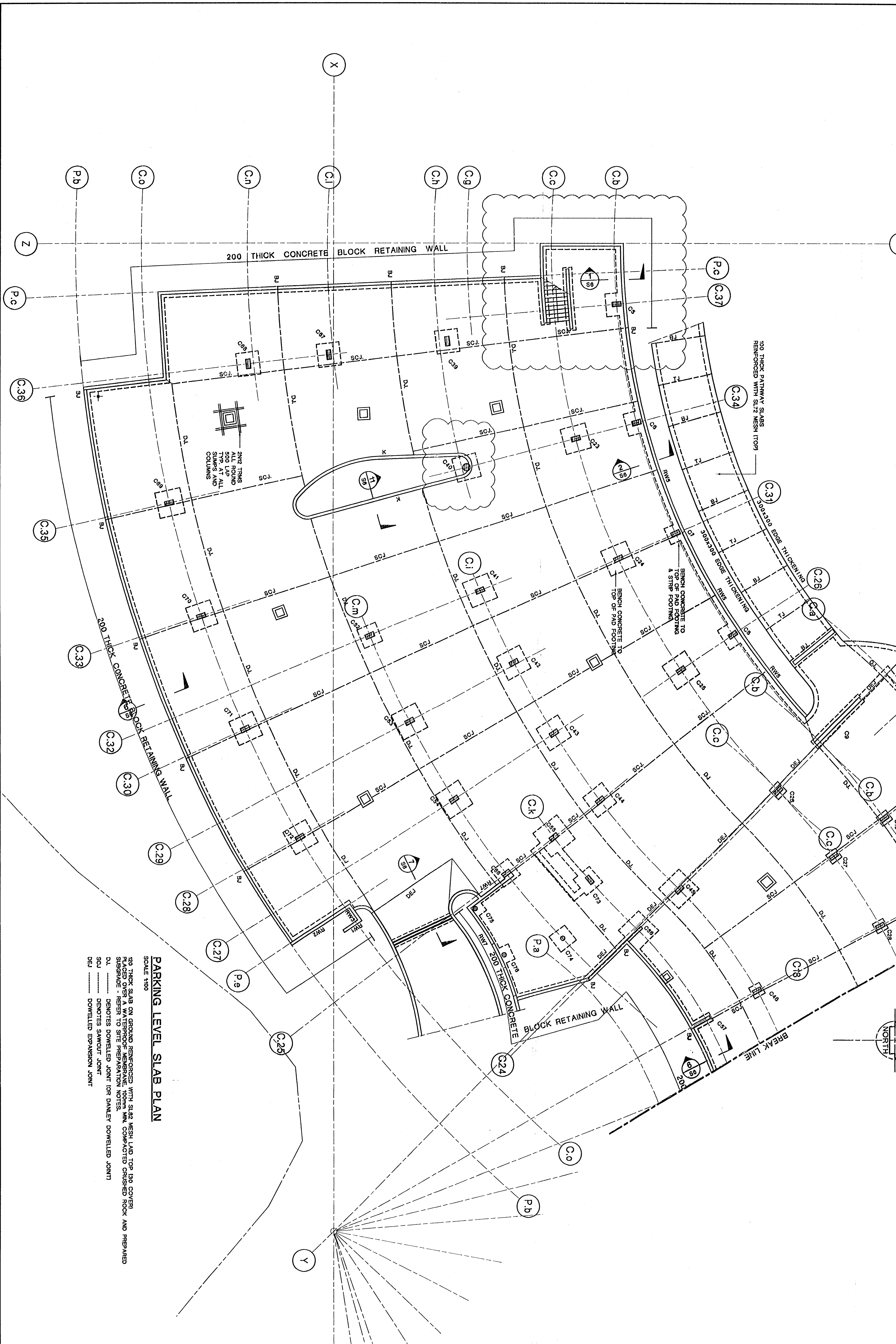
TYPICAL BLOCK JUNCTION DETAIL

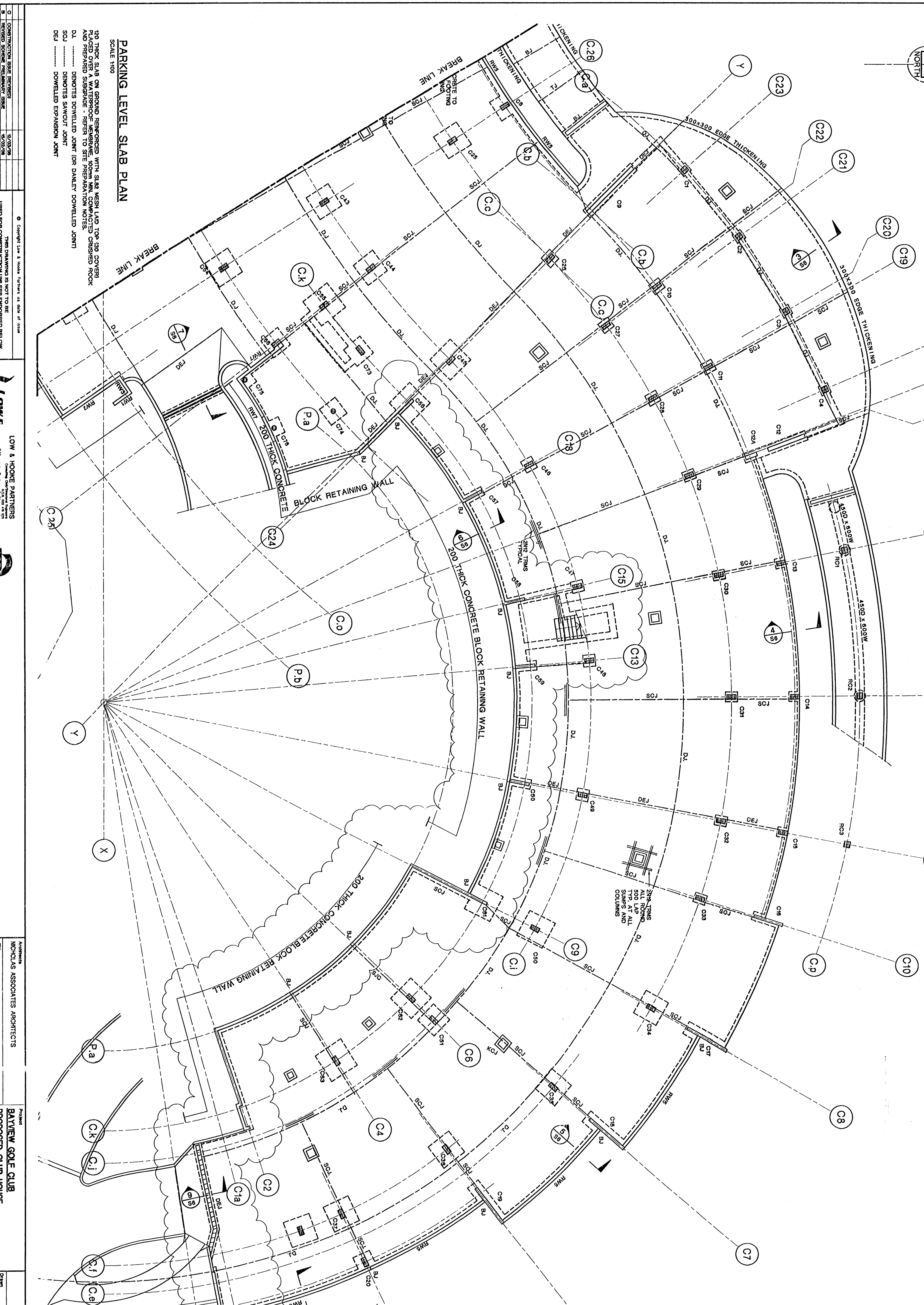


COLUMN SCHEDULE

TYPE 1	2N2-250 TES	COL. MARKS: C79, C76
TYPE 1A	2N2-250 TES	COL. MARKS: C38, C44, C49
TYPE 3	2N2-250 TES	COL. MARKS: C79, C76
TYPE 4	2N2-250 TES	COL. MARKS: C1, C2, C3, C4
TYPE 5	2N2-250 TES	COL. MARKS: RC1, RC2, RC3

COLUMNS C22, C64, C65 NOT USED





C	CONSTRUCTION ISSUE (REVISED)	12/03/08
D	REVISED SCHEME PRELIMINARY ISSUE	14/02/08

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LOW & HOOKE PARTNERS
Consulting Civil/Structural Engineers
A.C.E. 002 419 8254

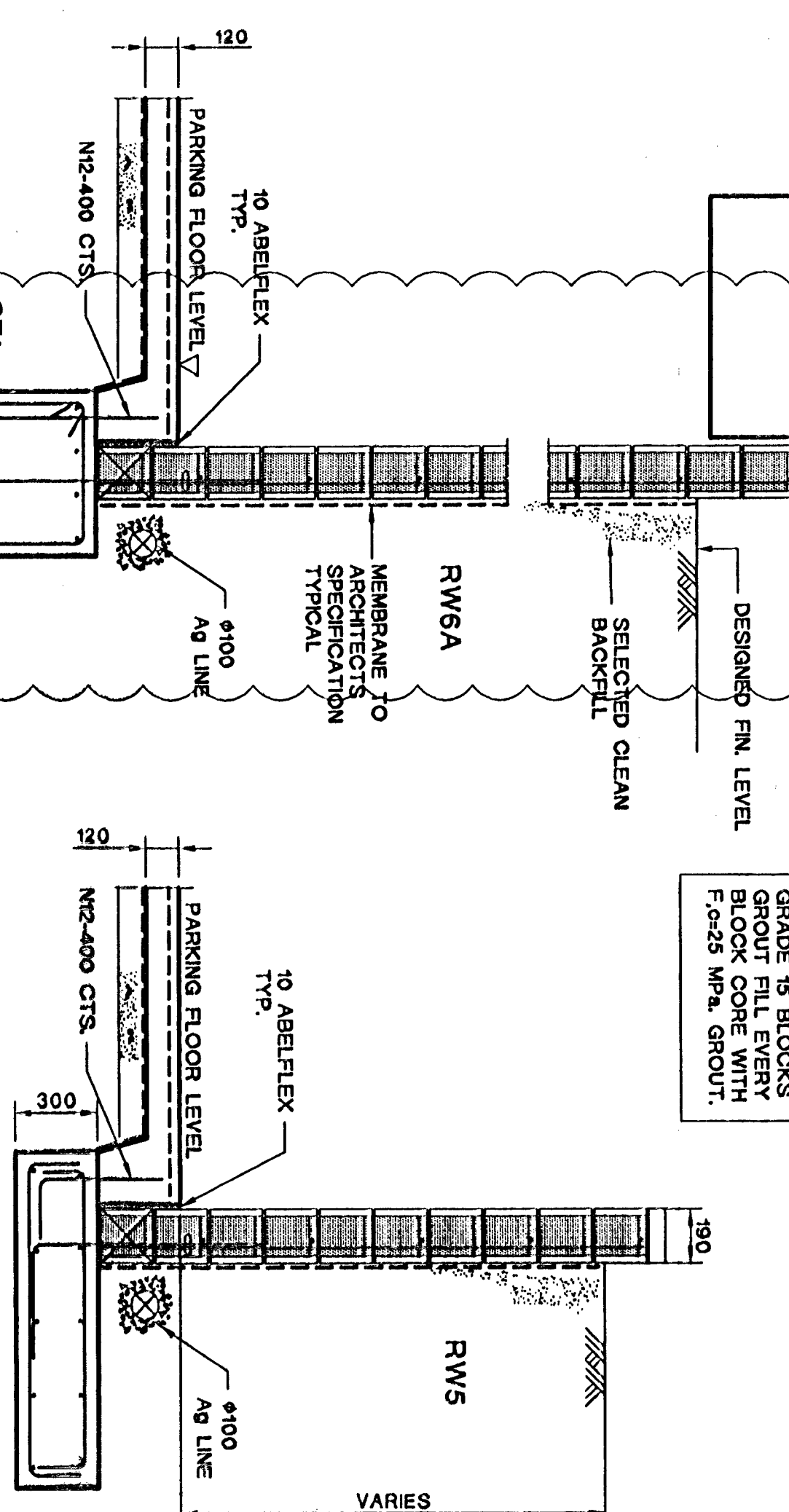
b

Architects
NICHOLAS ASSOCIATES ARCHITECTS

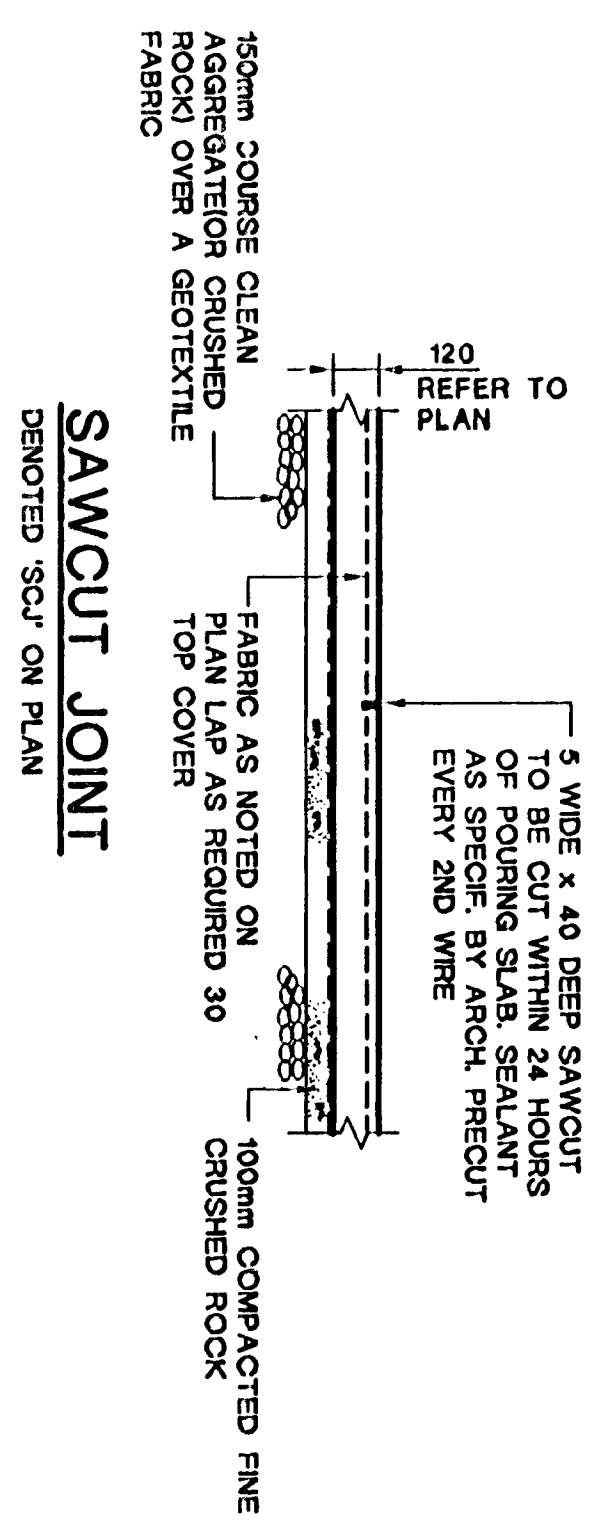
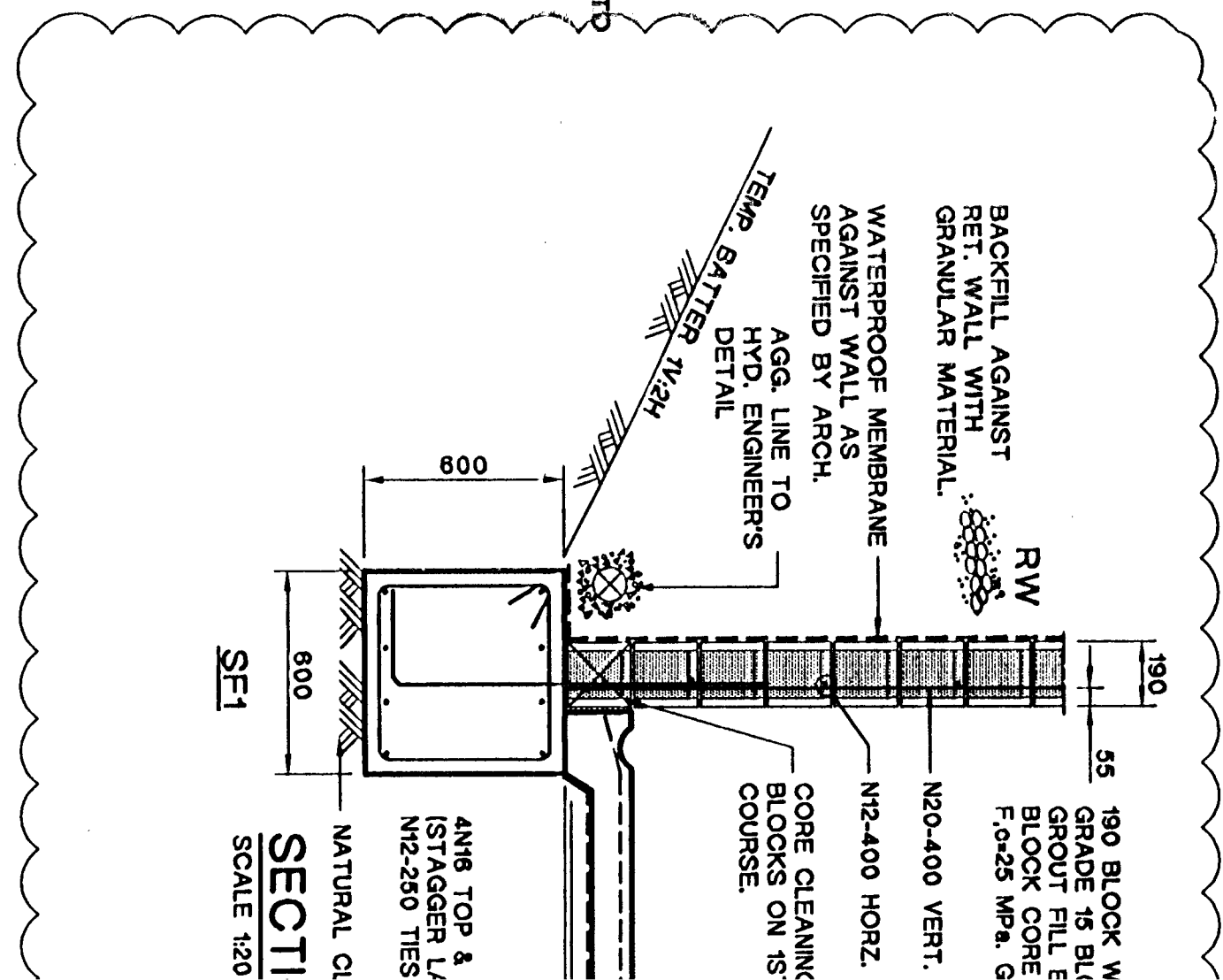
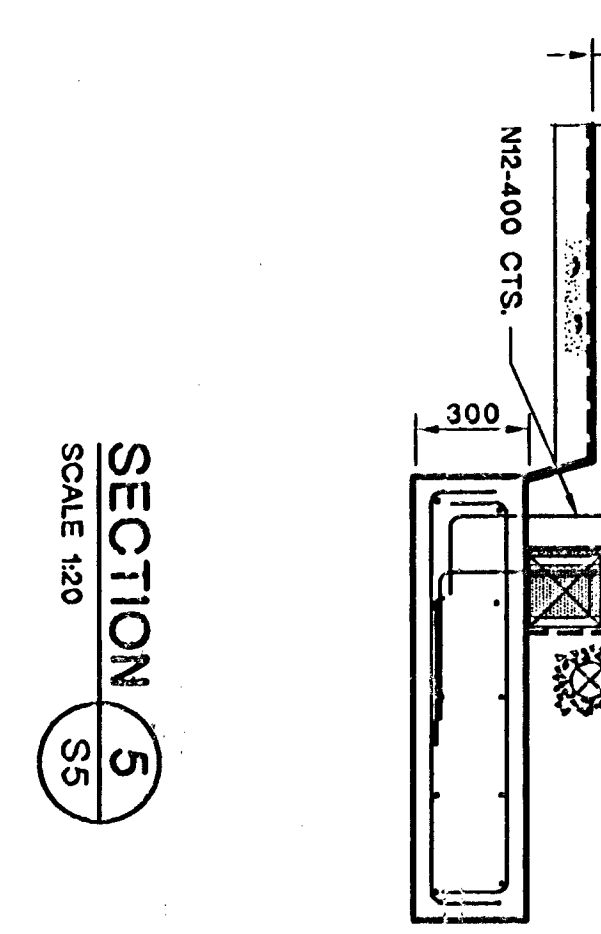
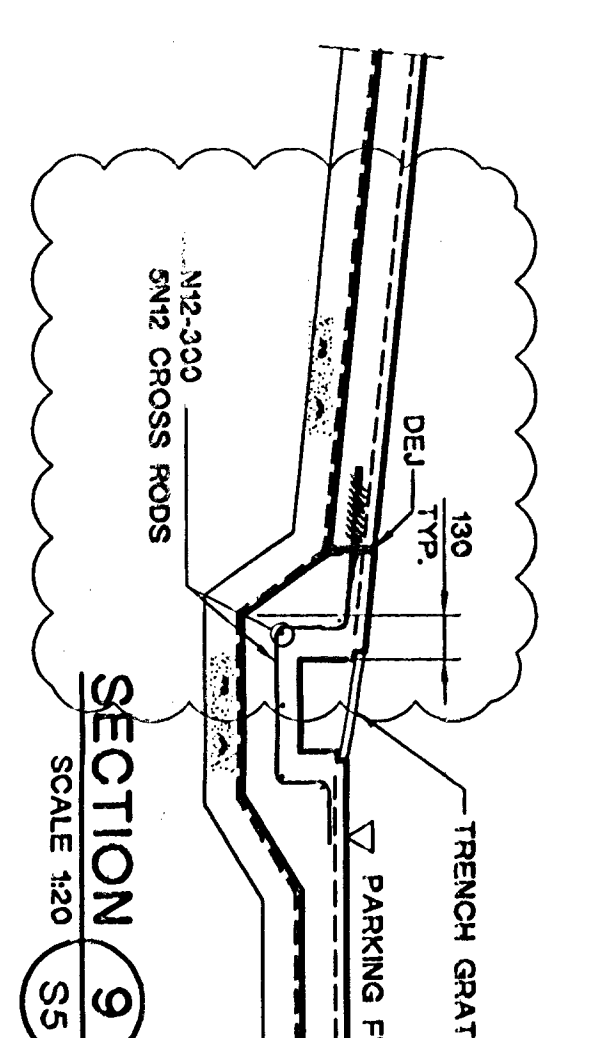
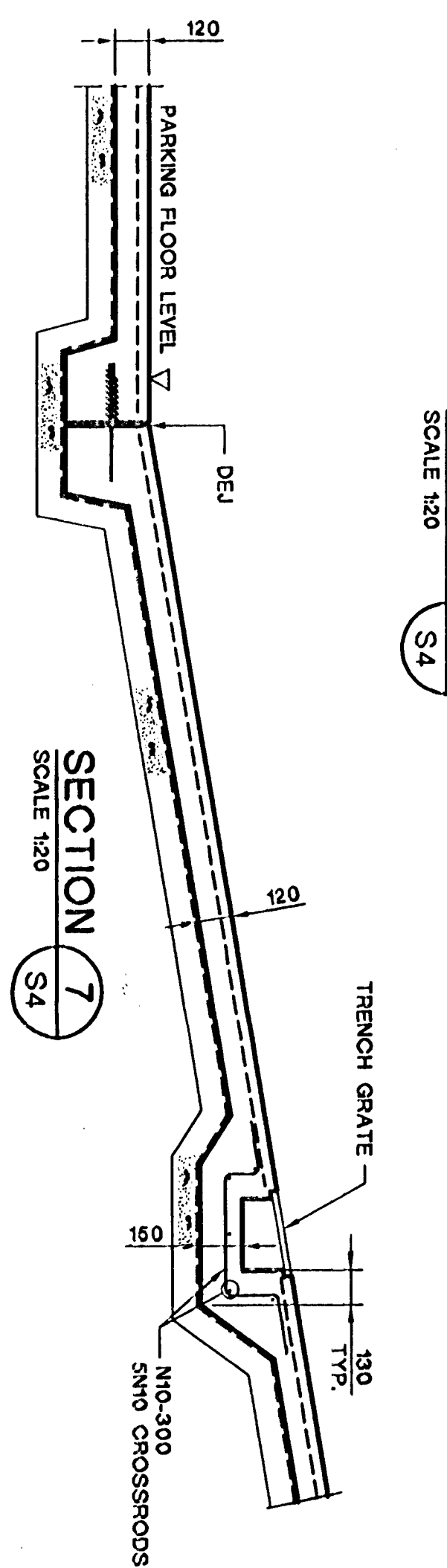
Project
BAYVIEW GOLF CLUB
PRODUCED ON THE HOUSE

Drawn	
-------	--

GRADE 15 BLOCKS
GROUT FILL EVERY
BLOCK CORE WITH
F-925 MPa GROUT.

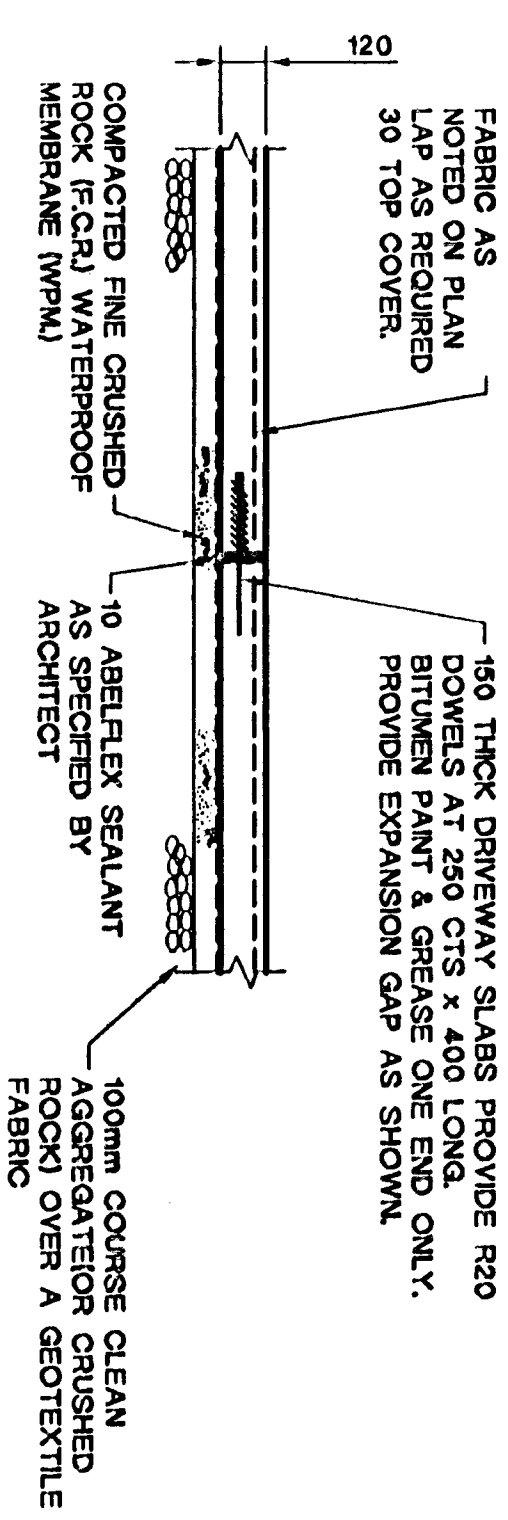


NOTE:
REFER TO DRG. S3A FOR
RETAINING WALL SCHEDULE
FOR TYPE 5 & 6A



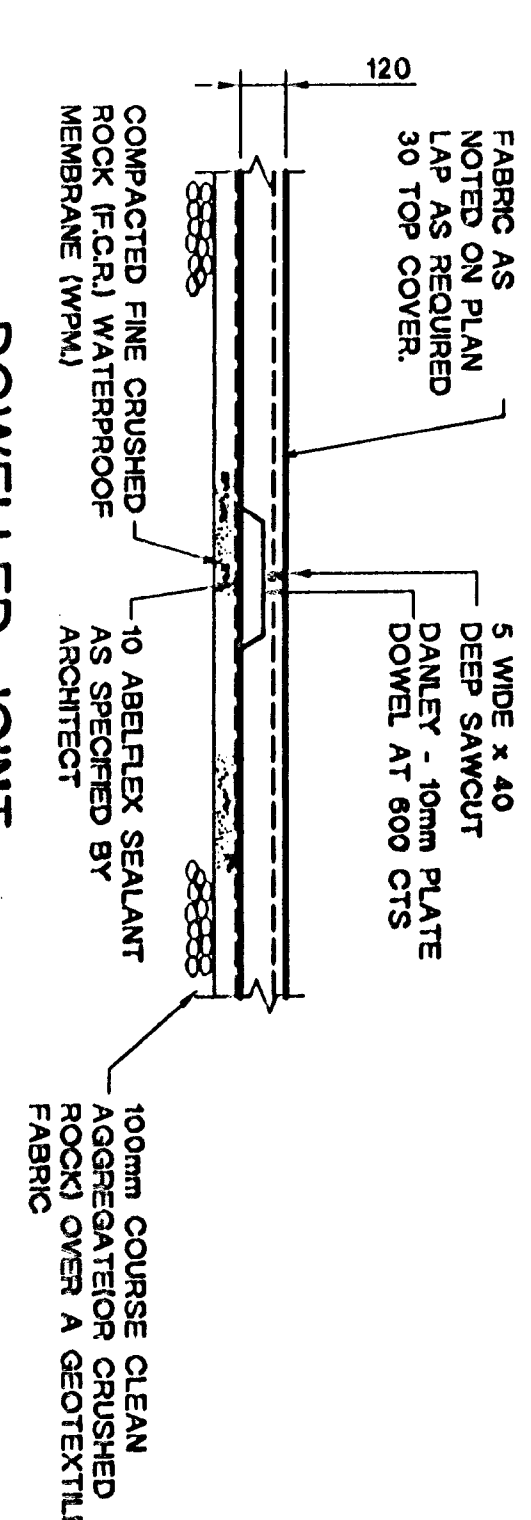
SAWCUT JOINT

DENOTED SCJ ON PLAN



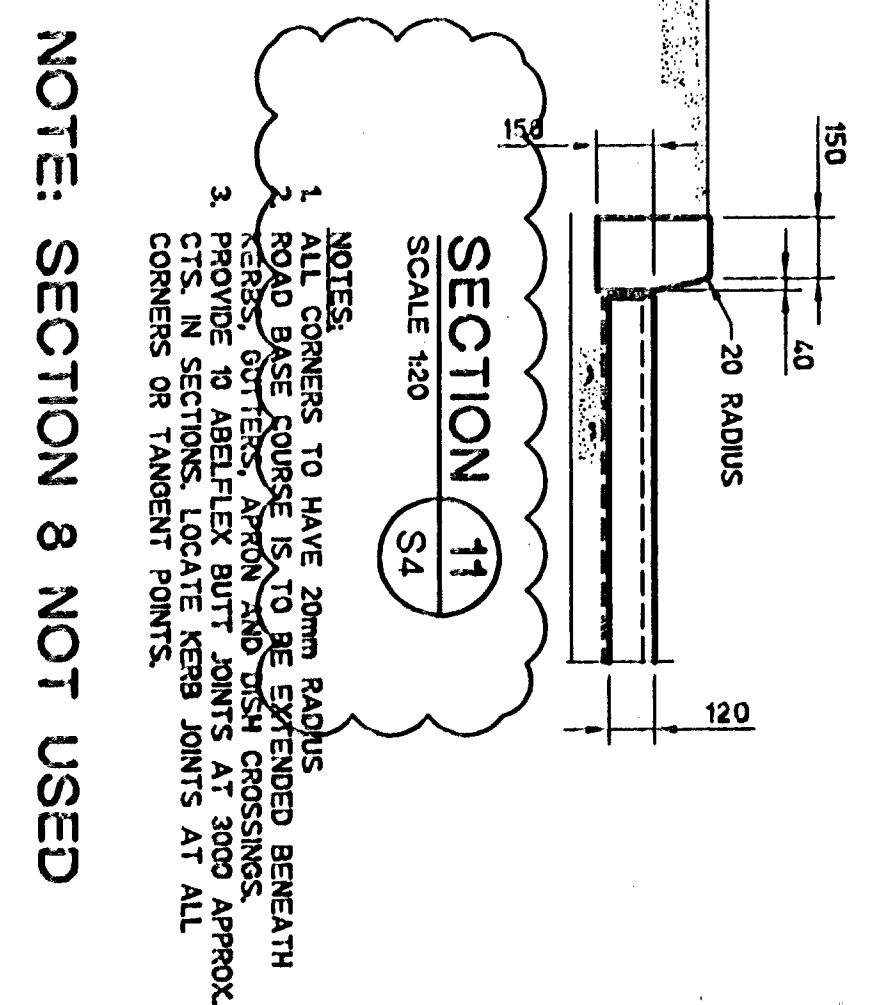
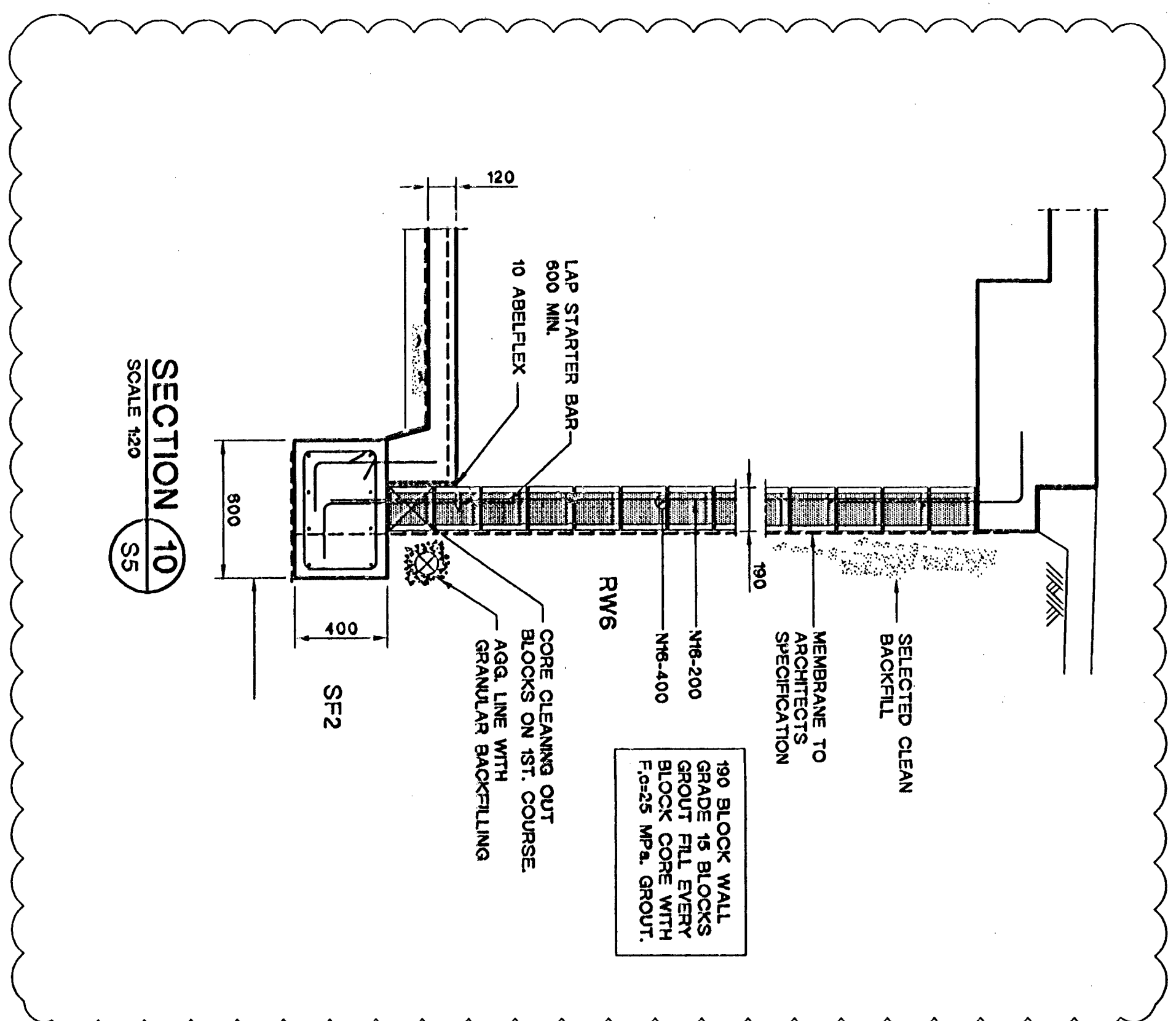
DOWELLED EXPANSION JOINT

DENOTED DEL ON PLAN



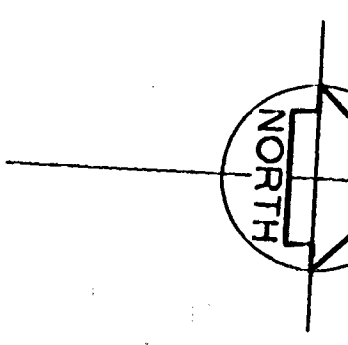
DOWELLED JOINT

DENOTED DL ON PLAN



NOTE: SECTION 8 NOT USED

- NOTES:
1. ALL CORNERS TO HAVE 20mm RADIUS
 2. ROAD BASE COURSE IS TO BE EXTENDED BENEATH GUTTERS, APRON AND DISH CROSSINGS.
 3. PROVIDE TO ABELFLEX BUTT JOINTS AT 3000 APPROX. CORNERS OR TANGENT POINTS.

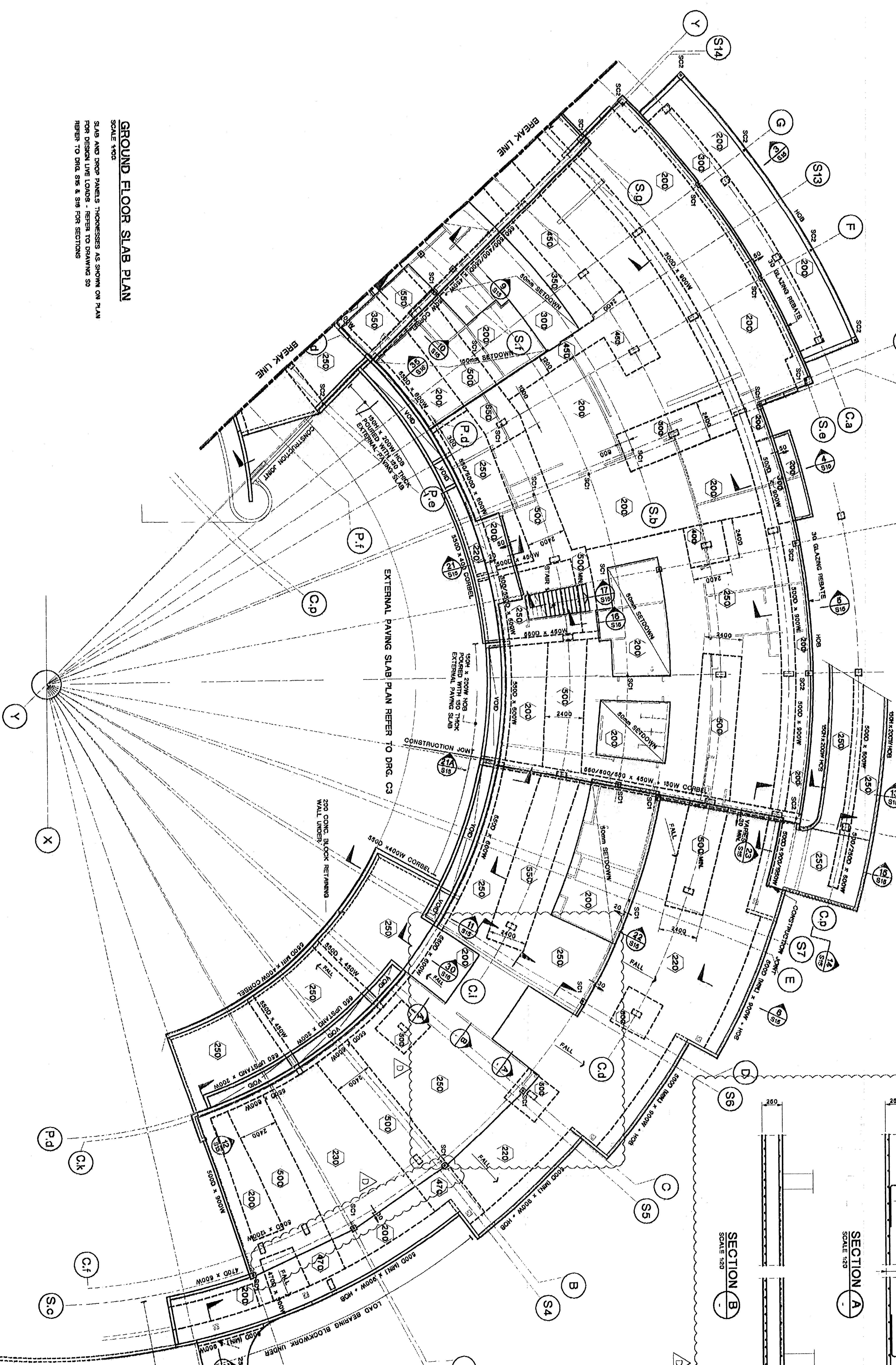


GROUND FLOOR SLAB PLAN
SCALE 1:100
SLAB AND DROP PANELS THICKNESSES AS SHOWN ON PLAN
FOR DESIGN LINE LOADS - REFER TO DRAWING S0
REFER TO DRG. S15 & S16 FOR SECTIONS

0	SETDOWN REMOVED	22/02/08	Copyright Low & Hooke Partners as date of issue	LOW & HOOKE PARTNERS	Architects	Project	DO NOT SCALE
1	REVISION FOR CONSTRUCTION	29/03/08		LOW & HOOKE PARTNERS	HODGES SHORTEN ARCHITECTS PTY LTD	BAYVIEW GOLF CLUB PROPOSED CLUB HOUSE	Drawn
2							Em
3							CL

SECTION A
SCALE 1:20

SECTION B
SCALE 1:20

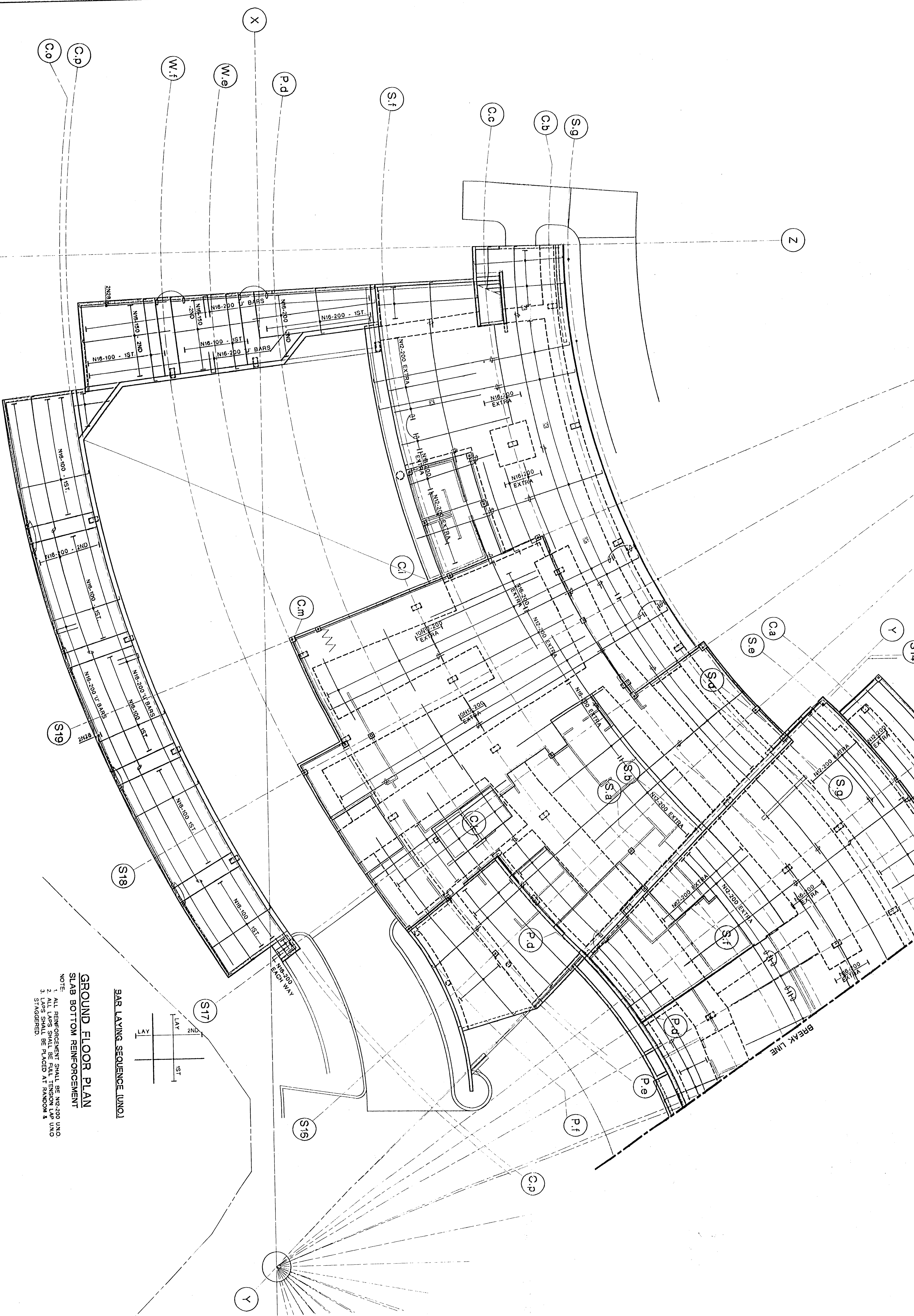


GROUND FLOOR SLAB PLAN
SCALE 1:100

SLAB AND DROP PANELS THICKNESSES AS SHOWN ON PLAN
FOR DESIGN LIVE LOADS - REFER TO DRAWING S0
REFER TO DRG. S15 & S16 FOR SECTIONS

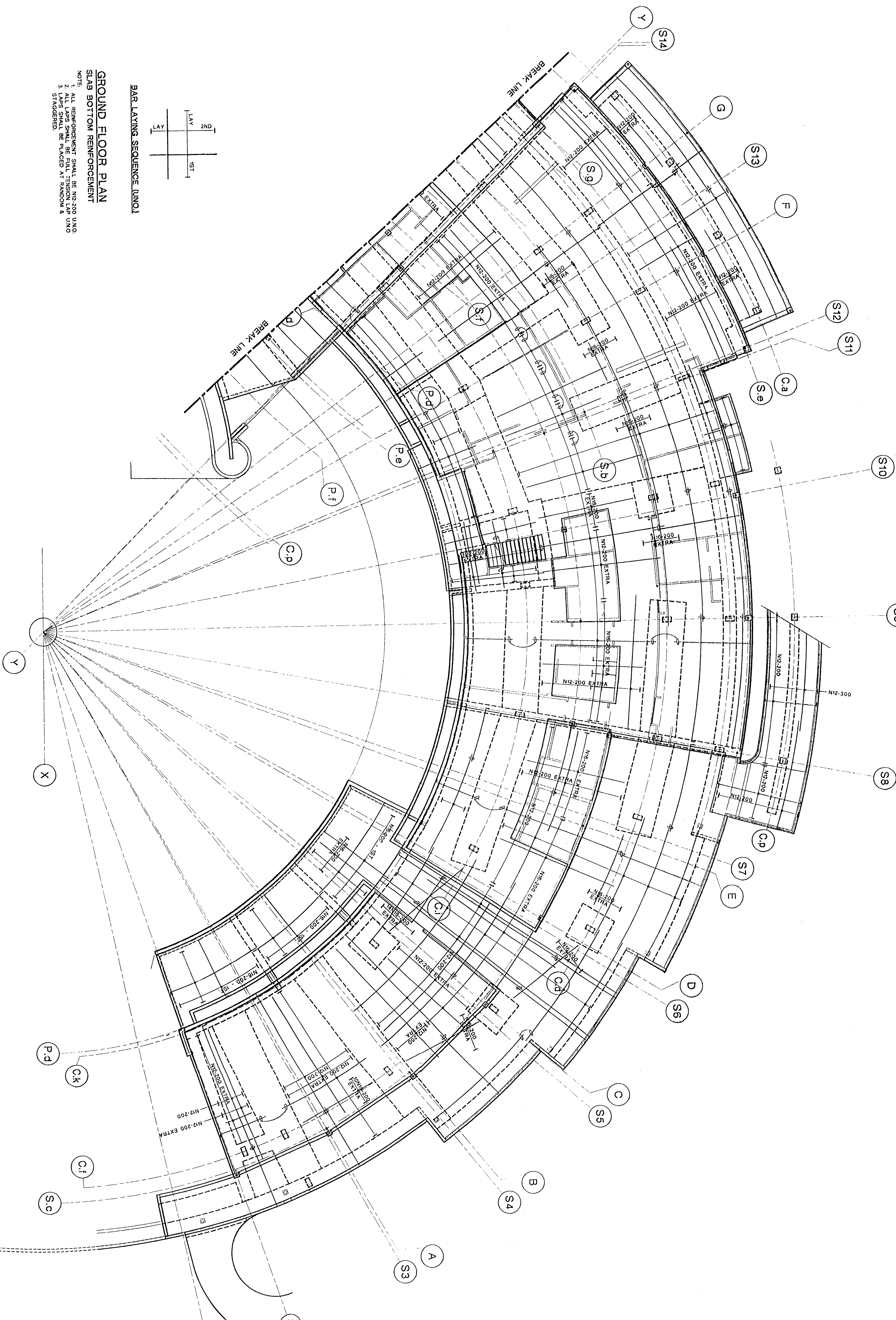
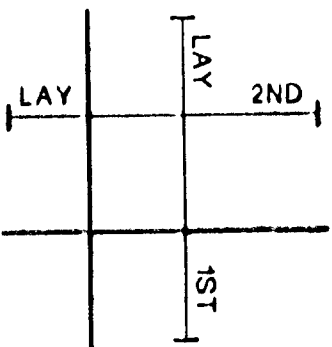
PROJECT: PROPOSED CLUB HOUSE DRAWN BY: J. HODGES CHECKED BY: J. HODGES DATE: 15/03/08	THE DRAWING IS NOT TO BE USED FOR CONSTRUCTION WITHOUT THE WRITTEN AUTHORIZATION OF LOWE & HOOKE PARTNERS	LOWE & HOOKE PARTNERS 1, 312 North Street Sydney, NSW 2000 Australia	HODGES SHORTEN ARCHITECTS PTY LTD 1, 312 North Street Sydney, NSW 2000 Australia	RAYVEN GOLF CLUB PROPOSED CLUB HOUSE PITWATER ROAD.
--	---	---	---	---

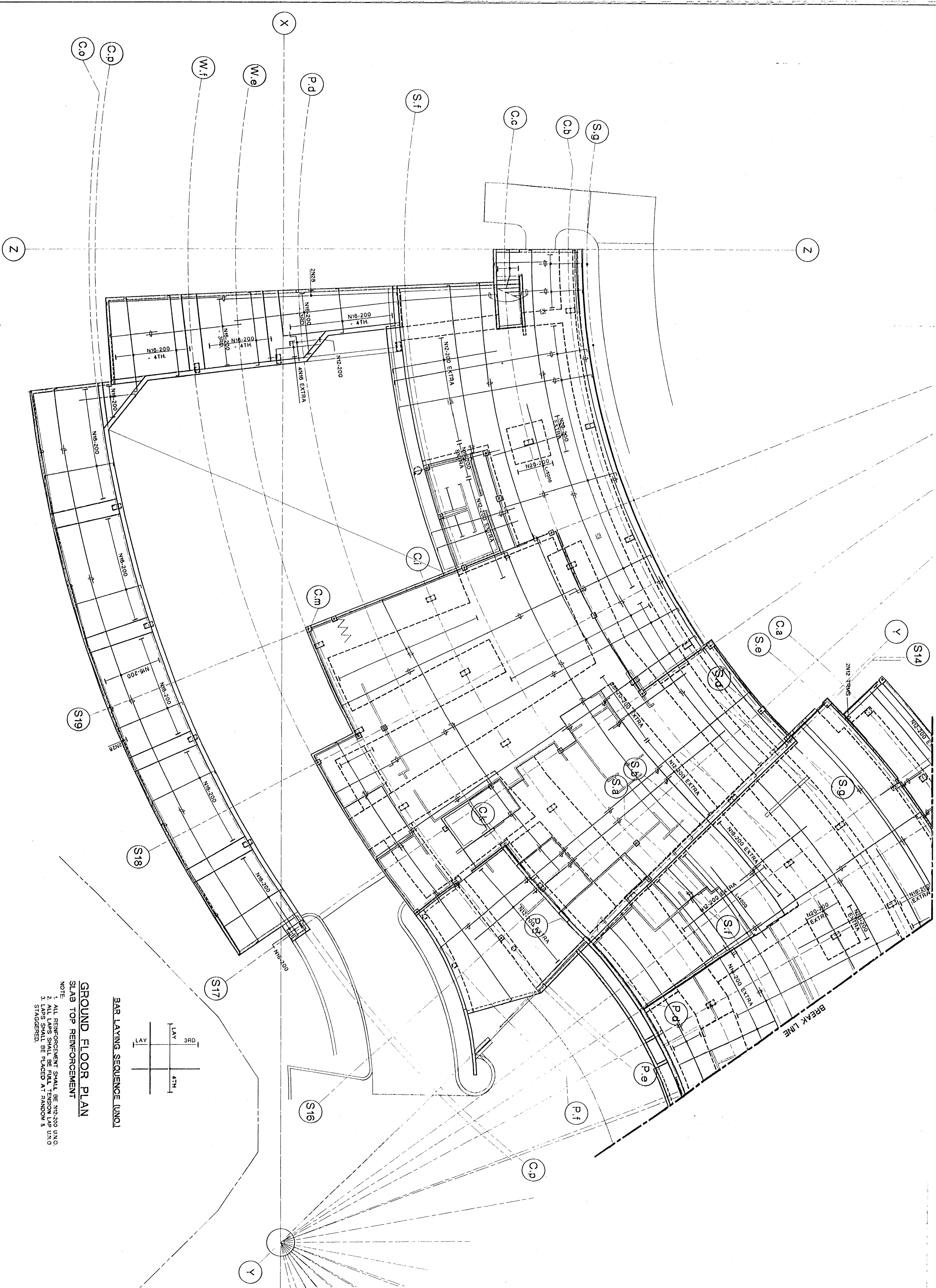
Engineer



GROUND FLOOR PLAN
SLAB BOTTOM REINFORCEMENT
NOTE:
1. ALL REINFORCEMENT SHALL BE N12-200 UNO.
2. ALL LAPS SHALL BE FULL TENSION LAP UNO.
3. LAPS SHALL BE PLACED AT RANDOM &
STAGGERED.

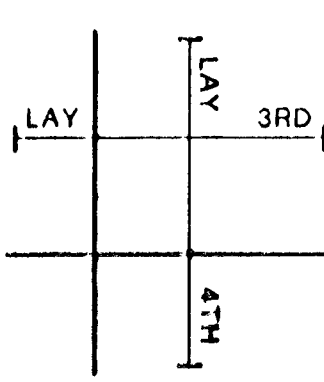
BAR LAYING SEQUENCE (UNO)





GROUND FLOOR PLAN
SLAB TOP REINFORCEMENT

BAR LAYING SEQUENCE (UNO)

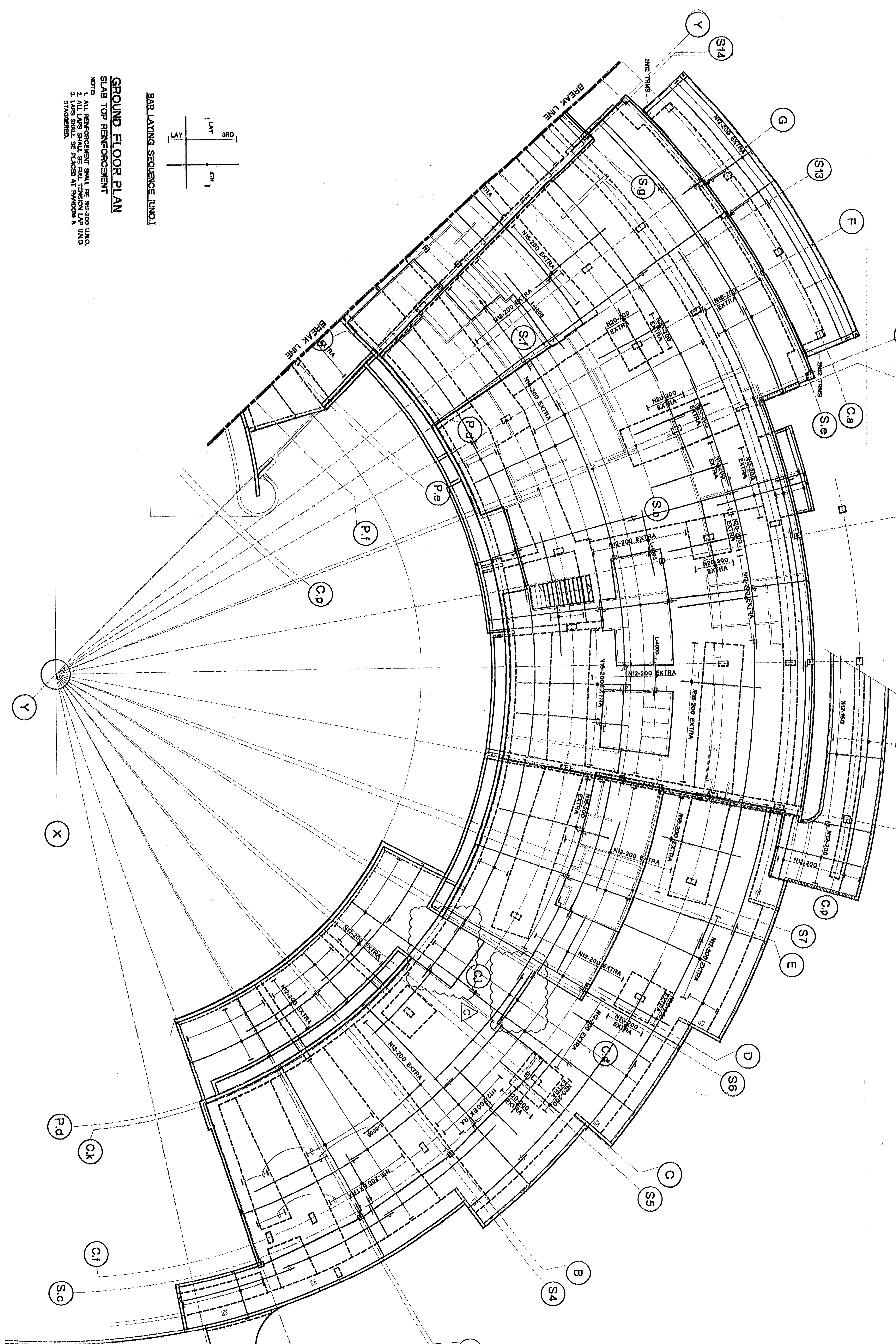
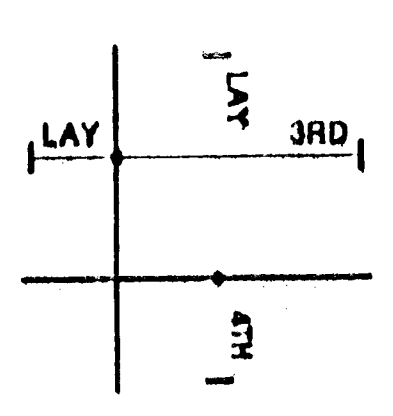


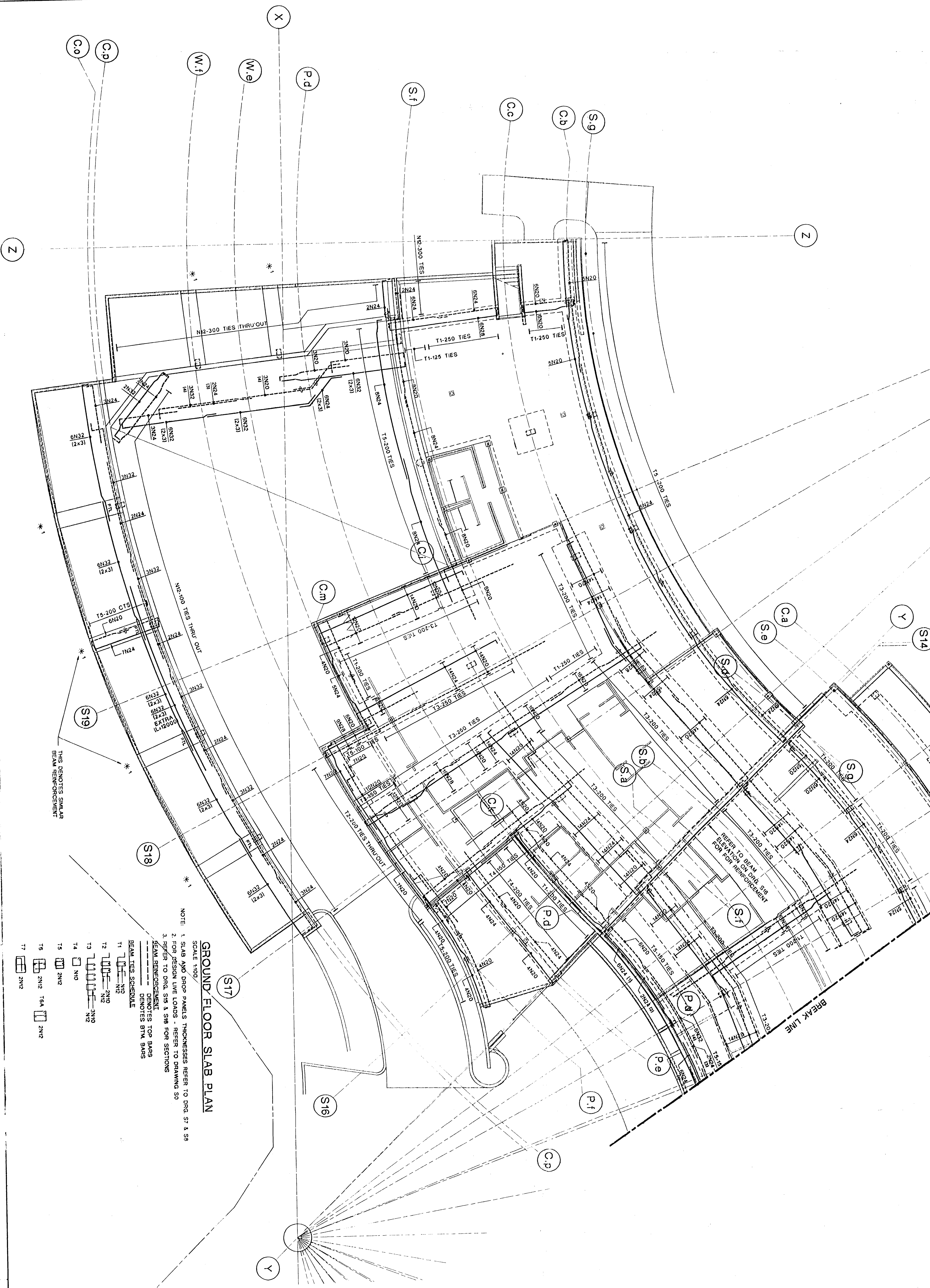
- NOTE:
1. ALL REINFORCEMENT SHALL BE N16-200 UNO
 2. ALL LAPS SHALL BE FULL TENSION LAP UNO
 3. LAPS SHALL BE PLACED AT RANDOM & STAGGERED.

GROUND FLOOR PLAN
SLAB TOP REINFORCEMENT

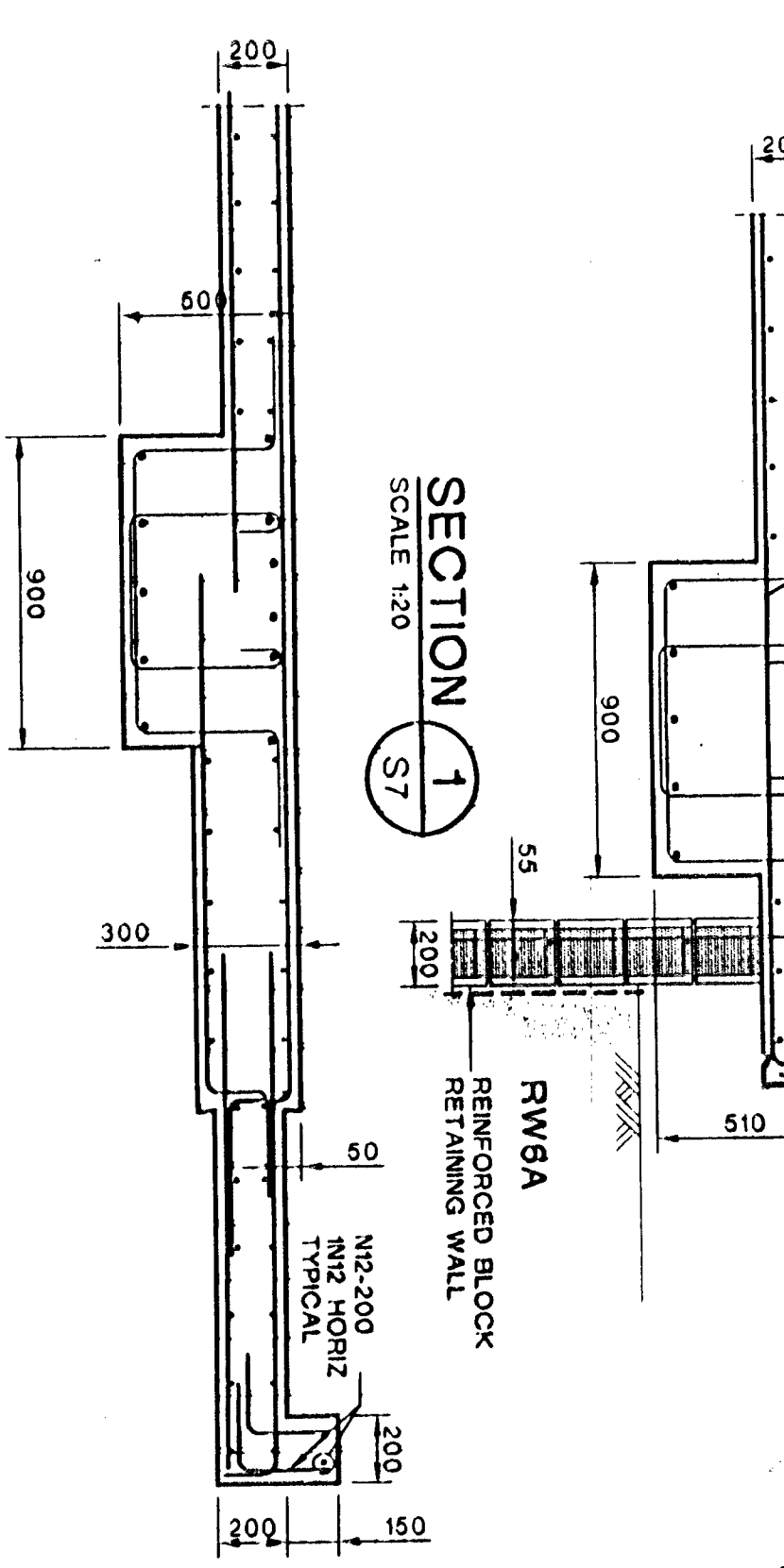
NOTE:
1. ALL REINFORCEMENT SHALL BE NR-200 UNDO
2. ALL LAPS SHALL BE END TENSION LAP UNDO
3. LAPS SHALL BE PLACED AT RANDOM &
STAGGERED.

BAR LAYING SEQUENCE (UNO)

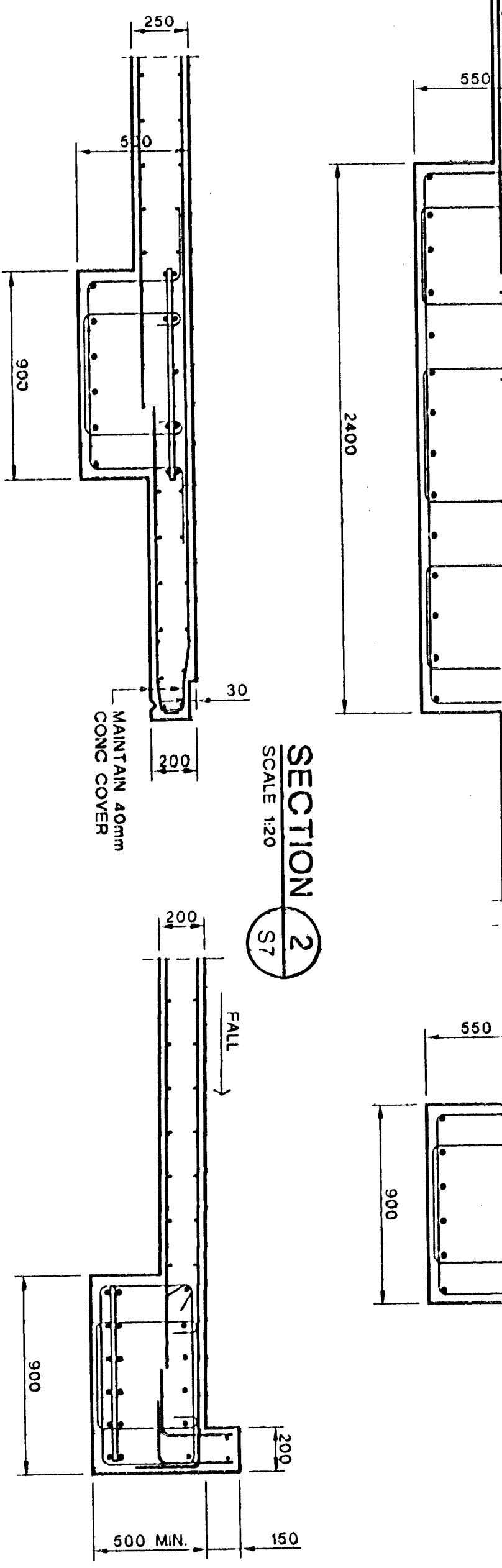




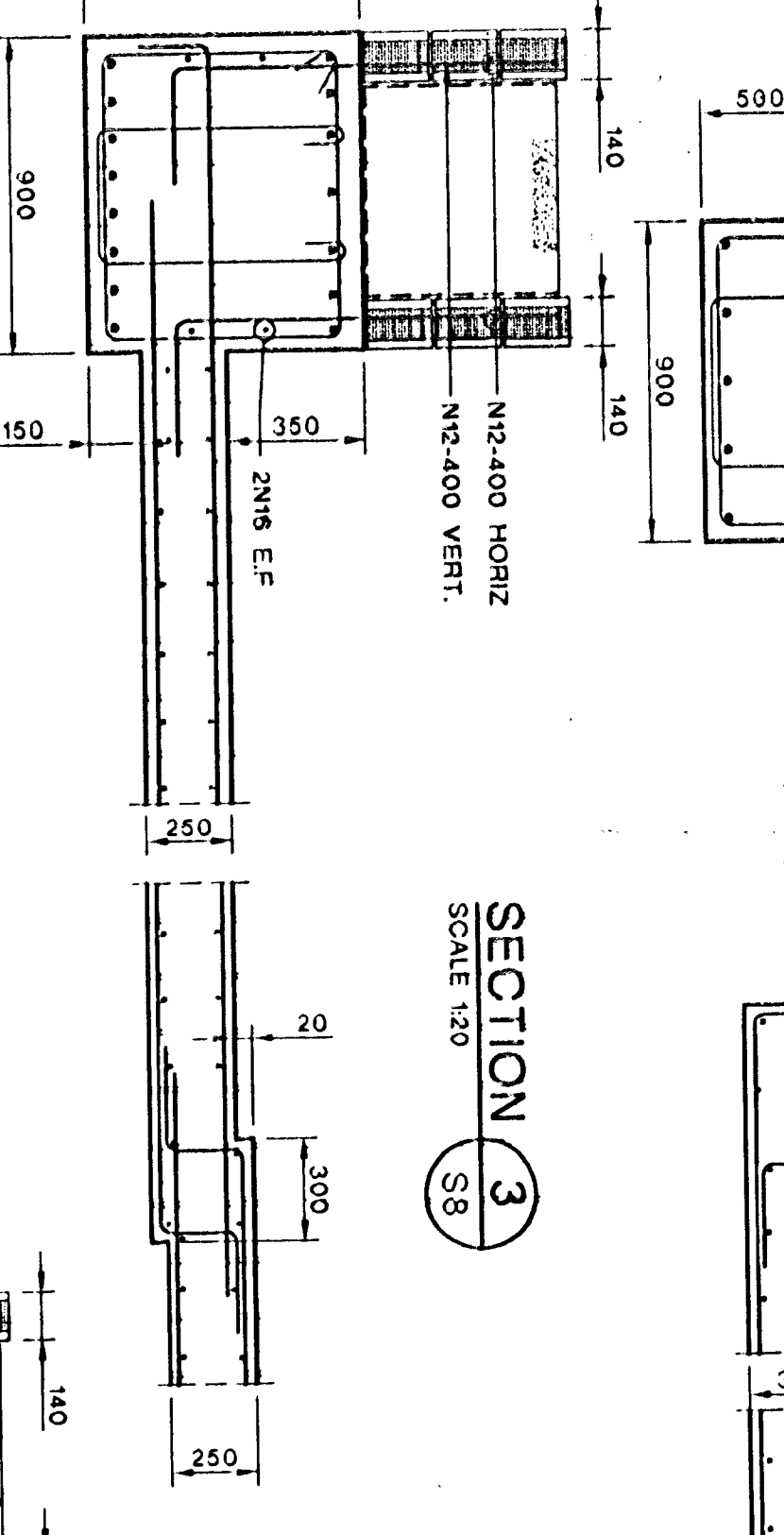
SECTION 1
SCALE 1:20
S7



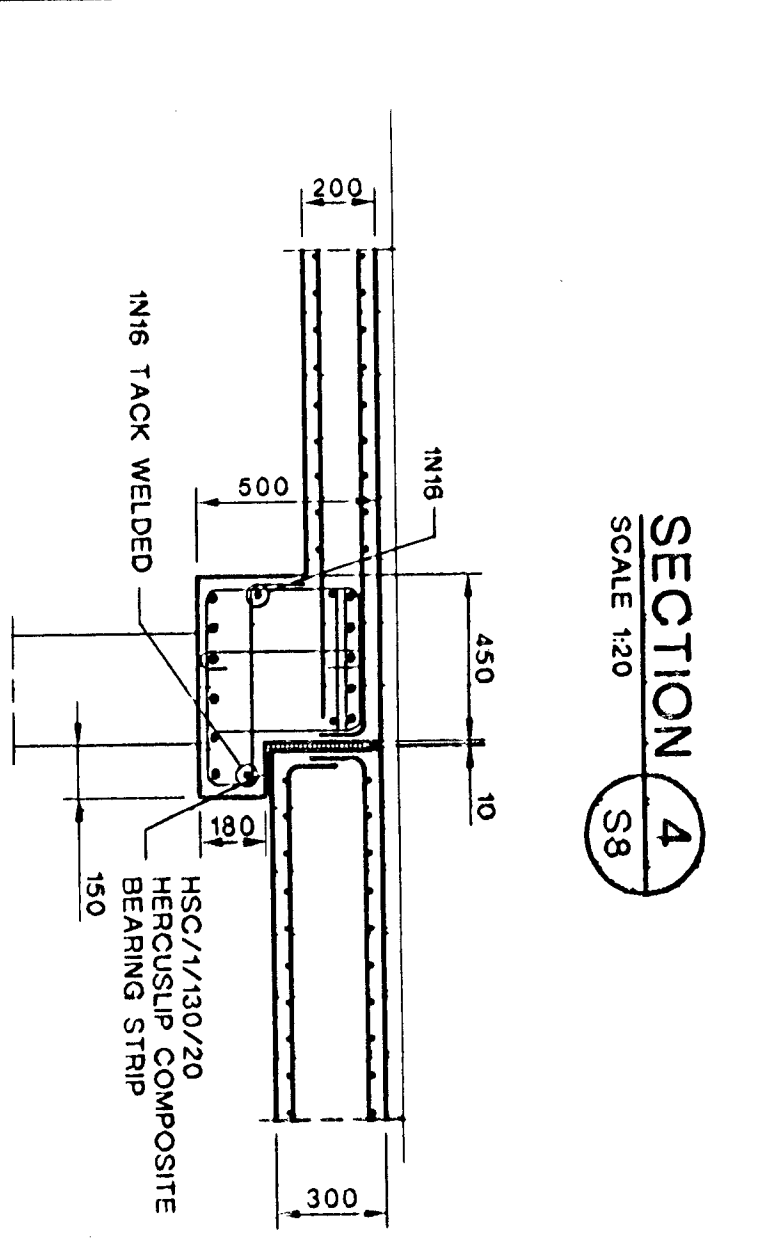
SECTION 2
SCALE 1:20
S7



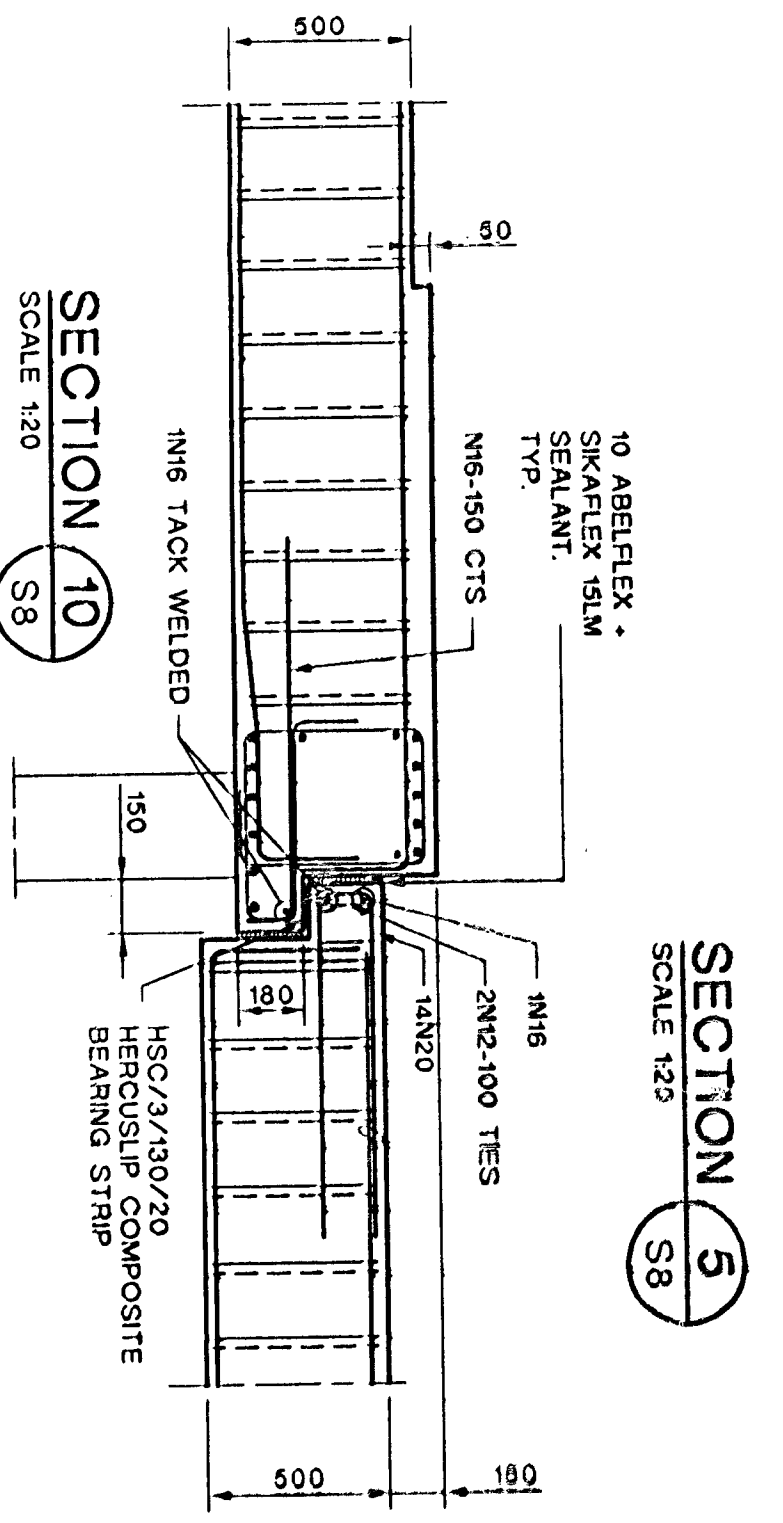
SECTION 3
SCALE 1:20
S8



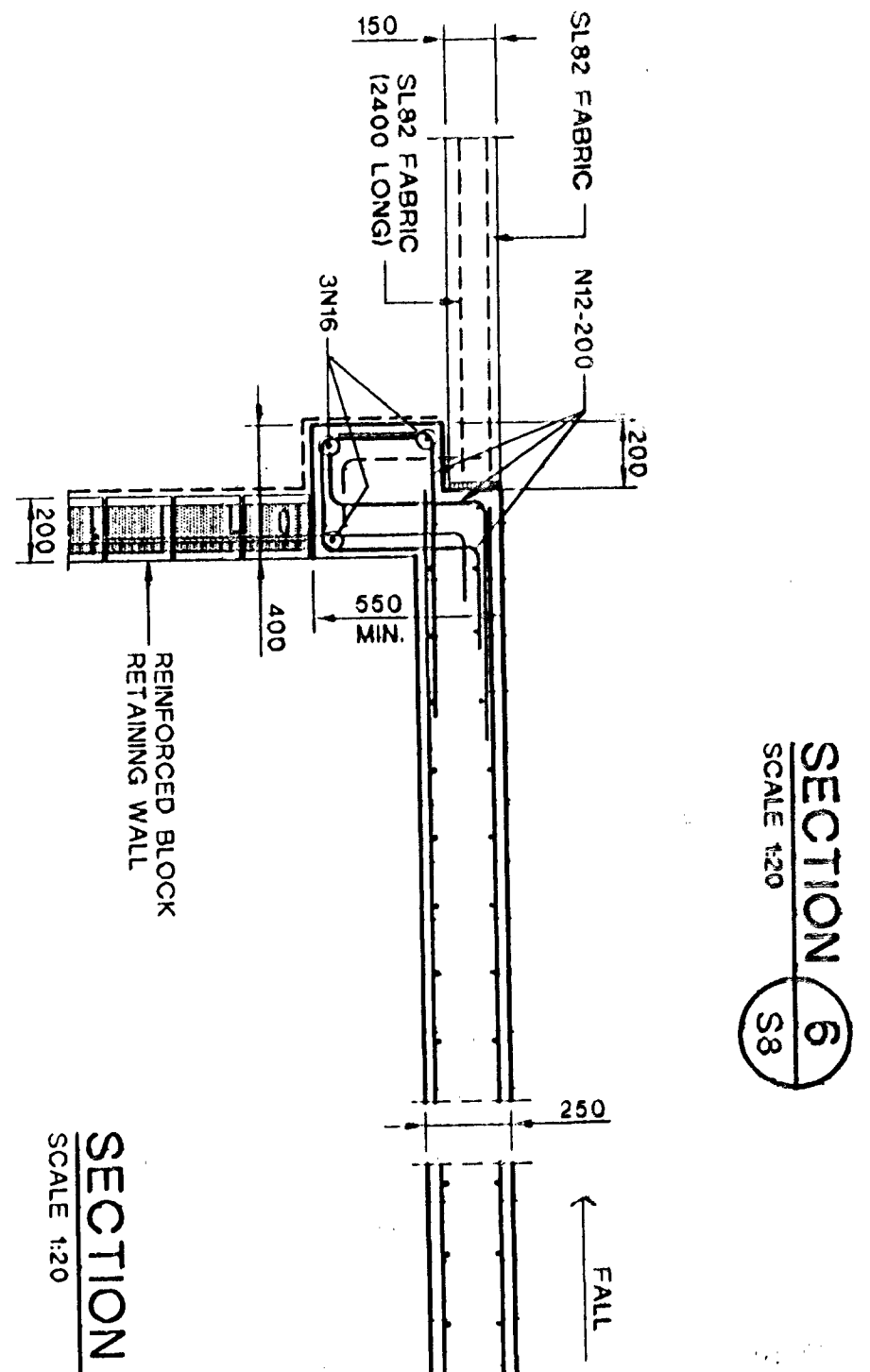
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SCALE 1:20
S8



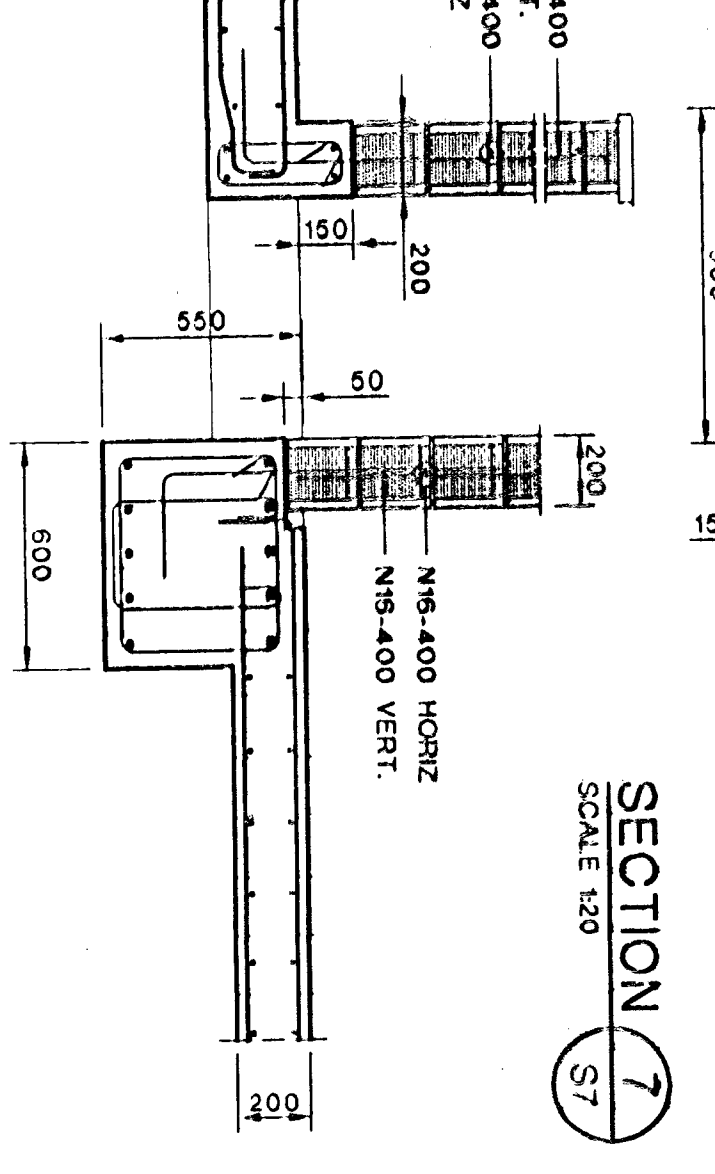
SECTION 5
SCALE 1:20
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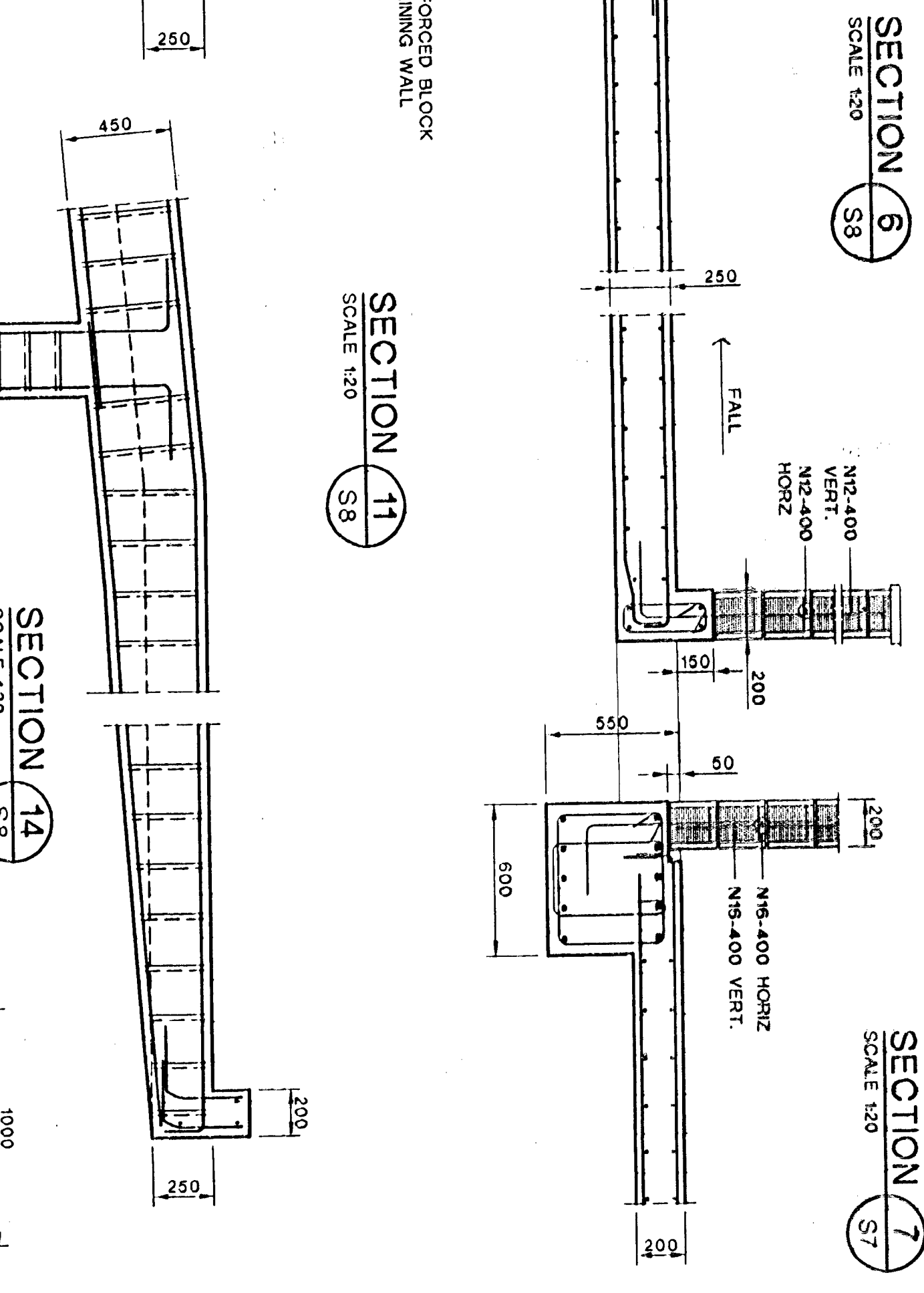
SECTION 6
SCALE 1:20
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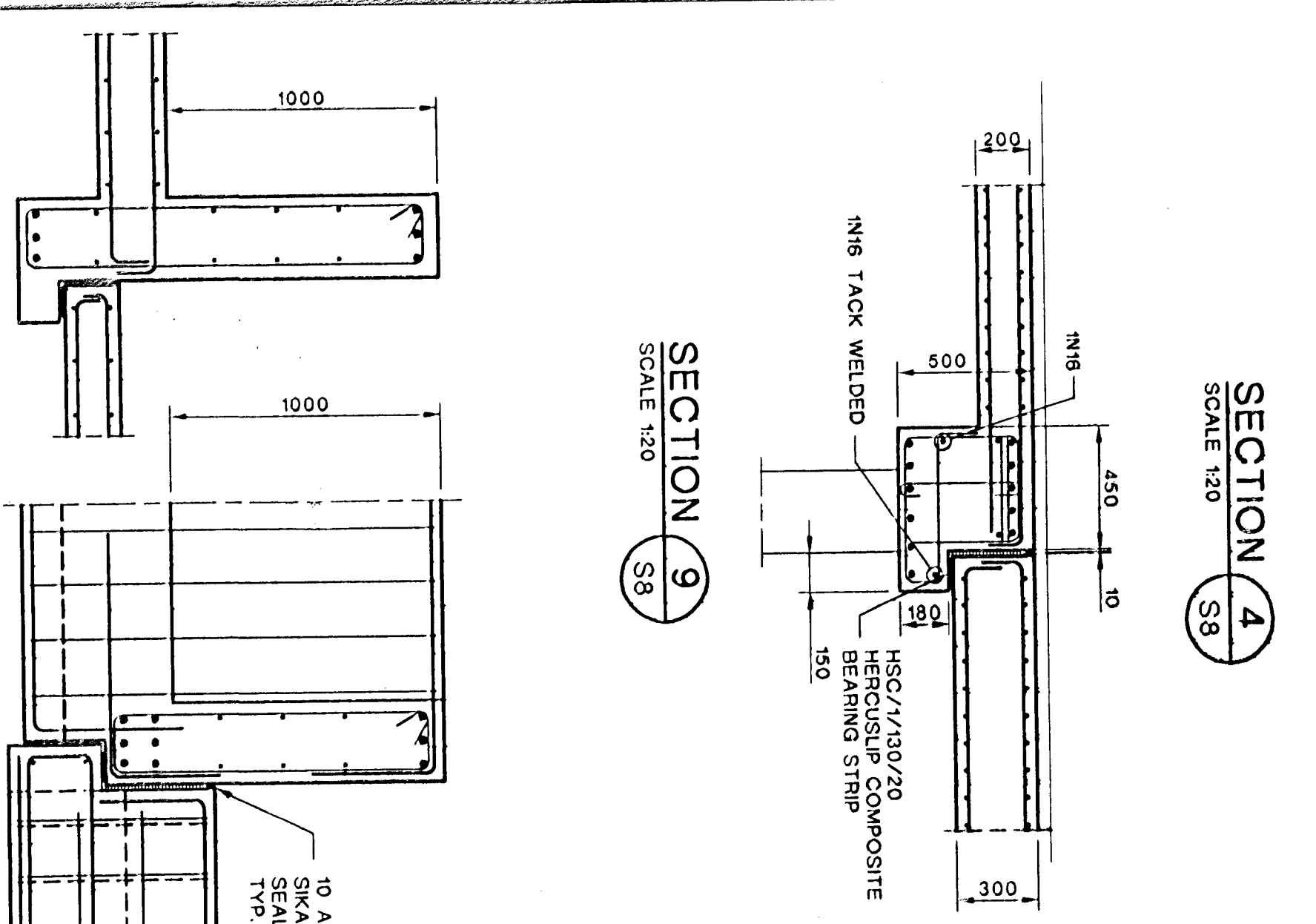
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S7



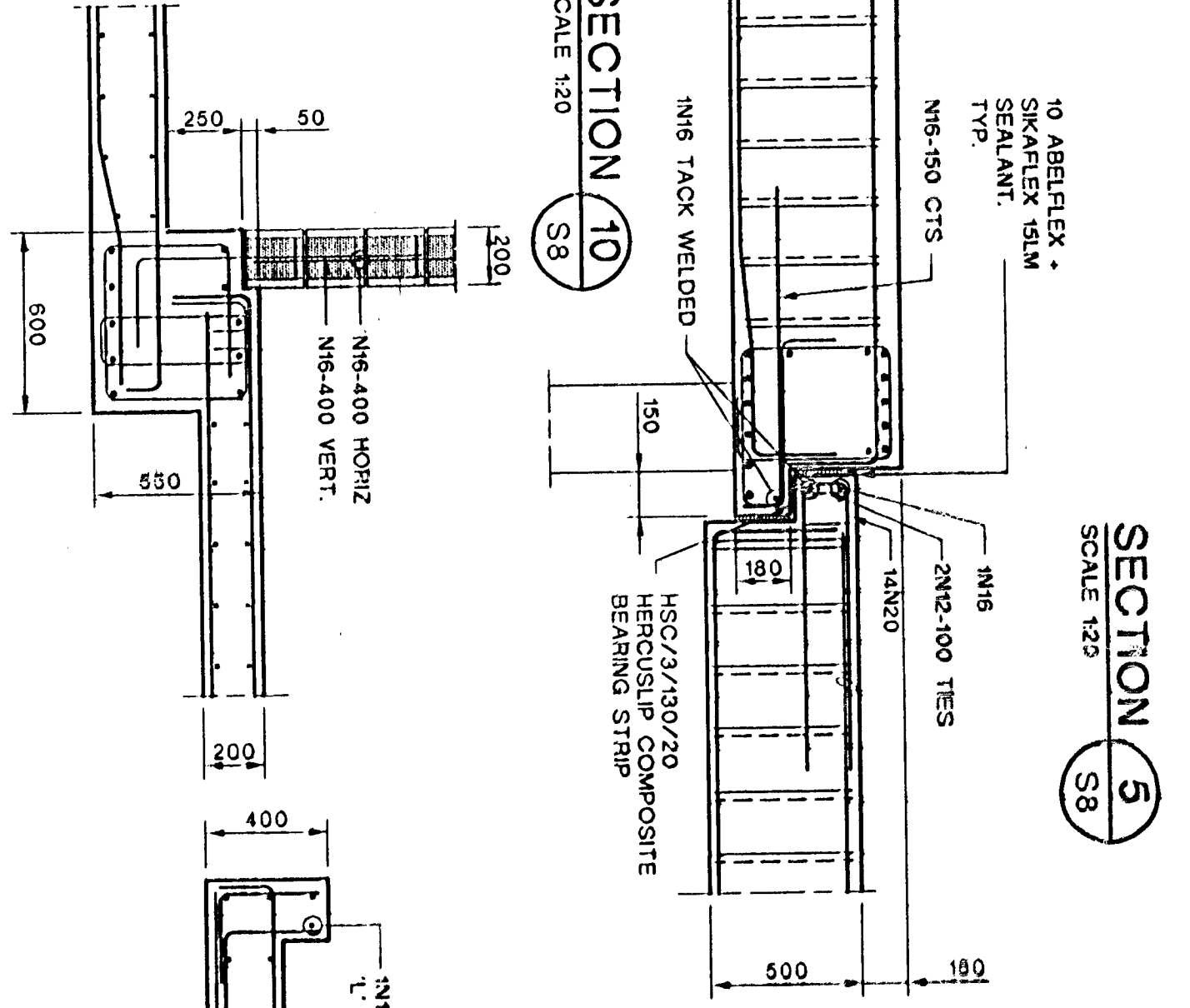
SECTION 11
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S8



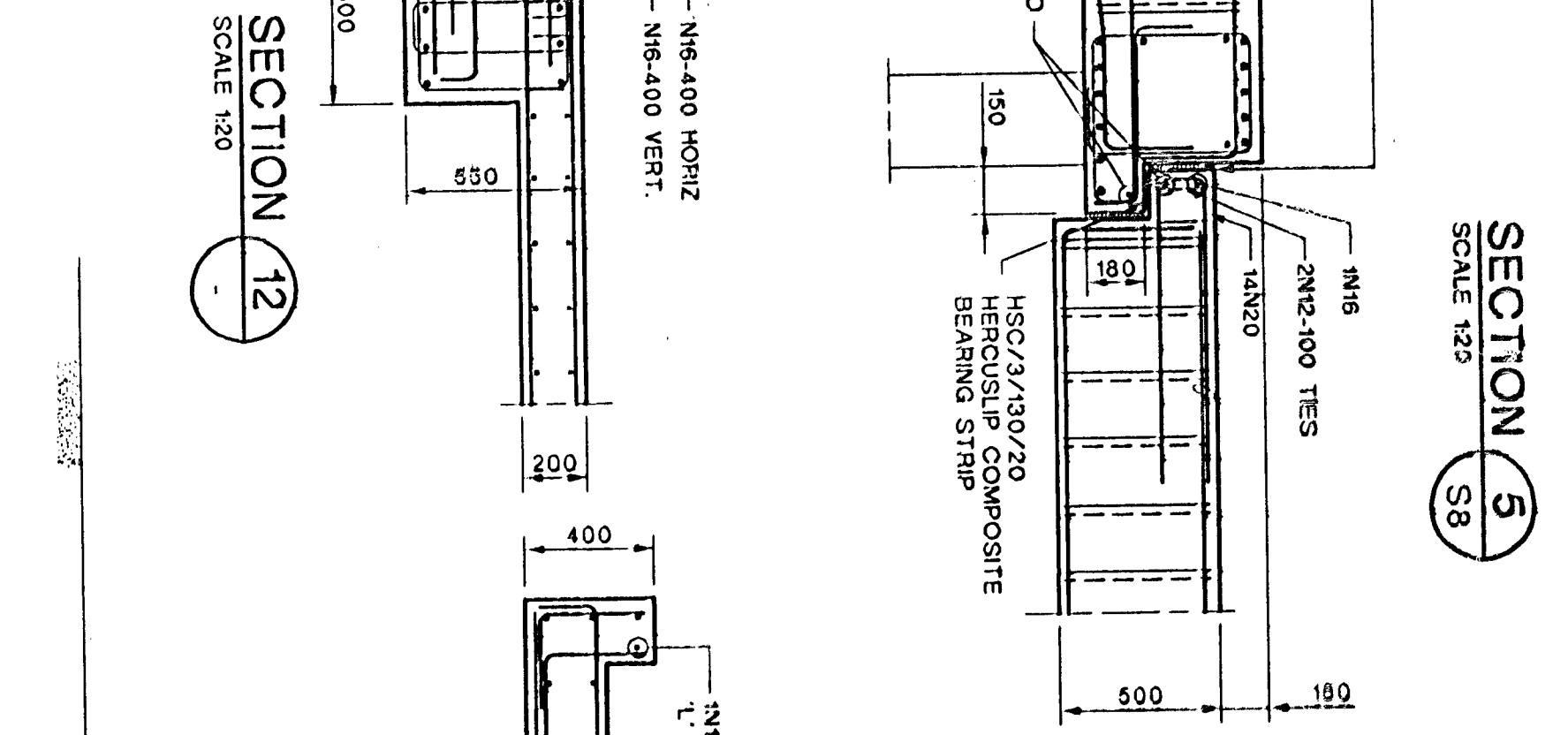
SECTION 9
SCALE 1:20
S8



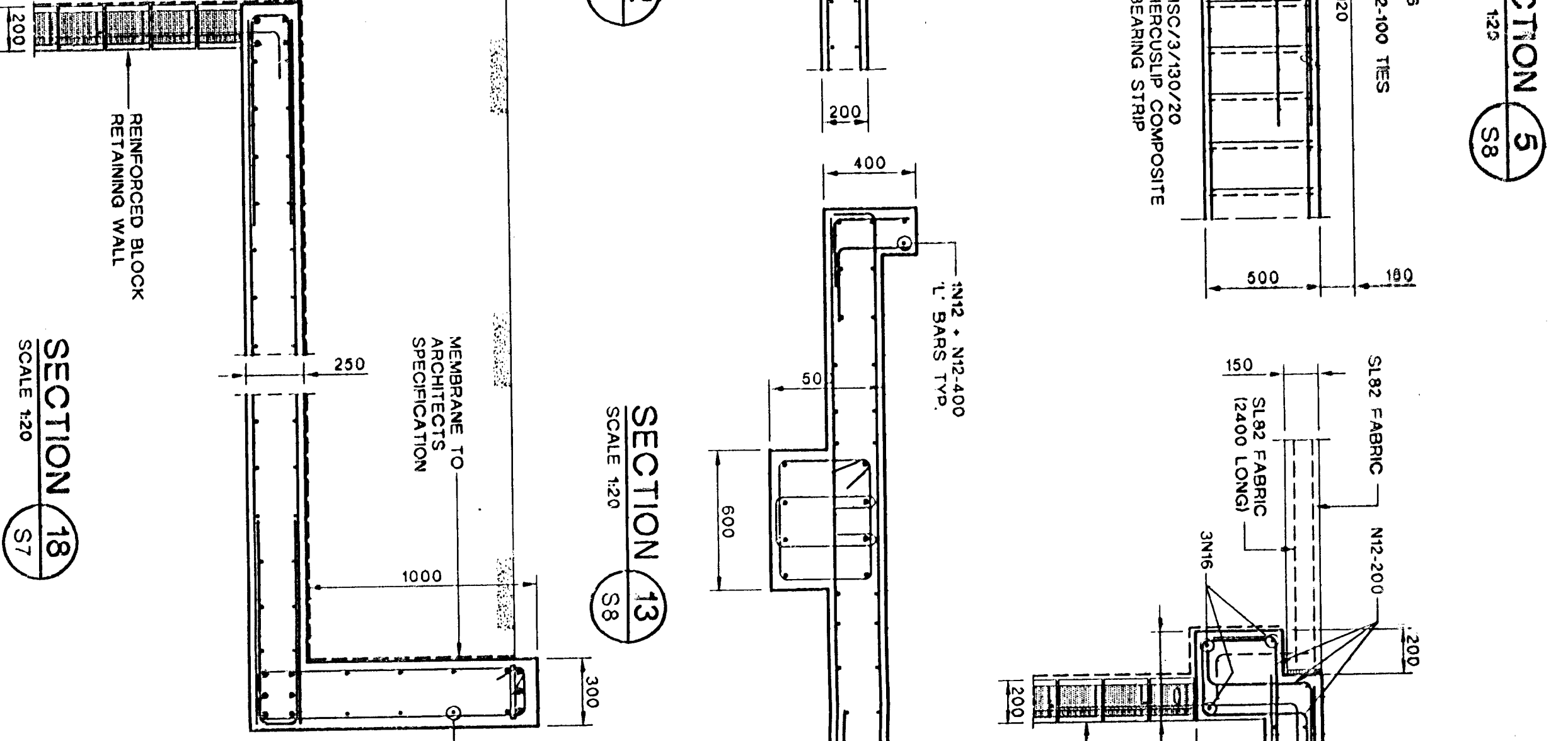
SECTION 10
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S8



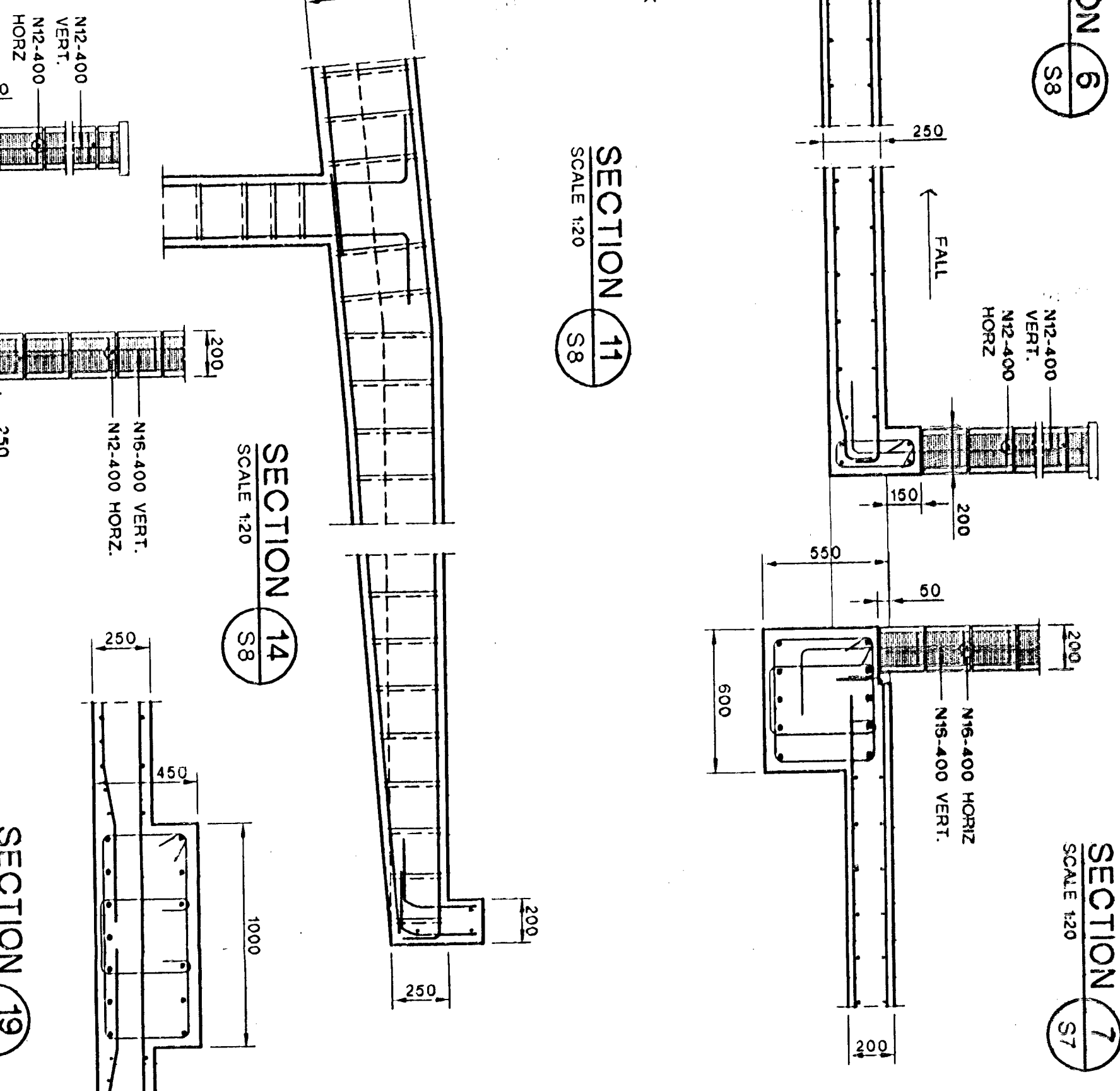
SECTION 12
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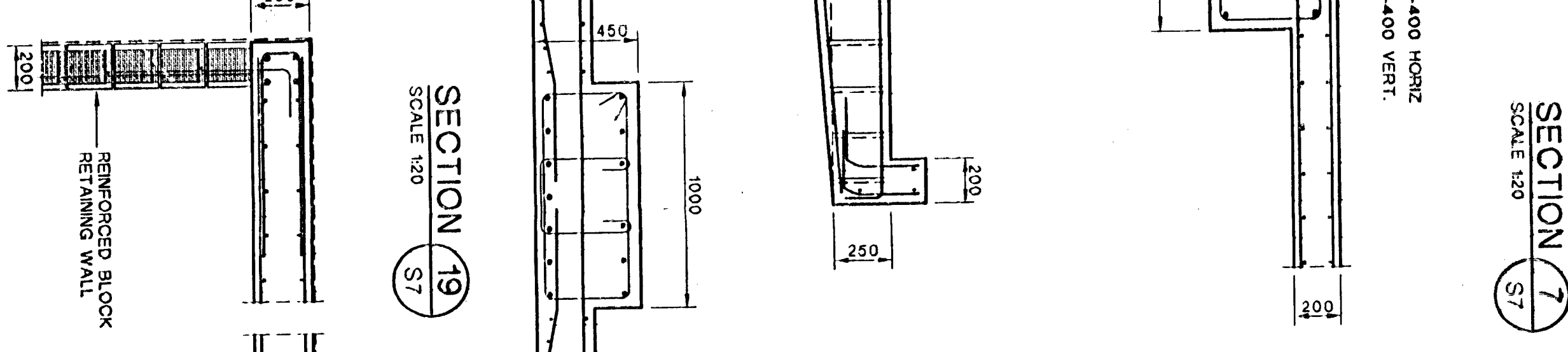
SECTION 13
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S8



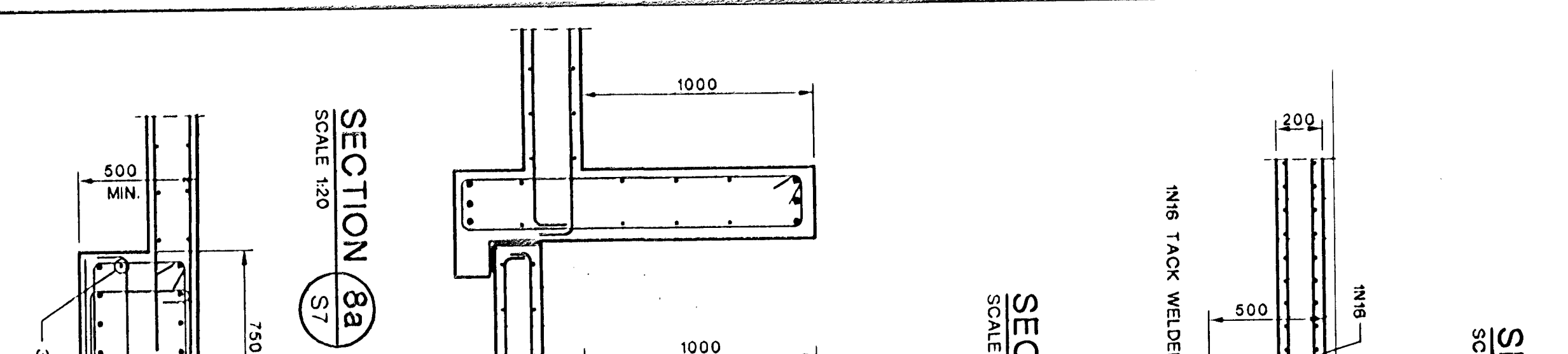
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S8



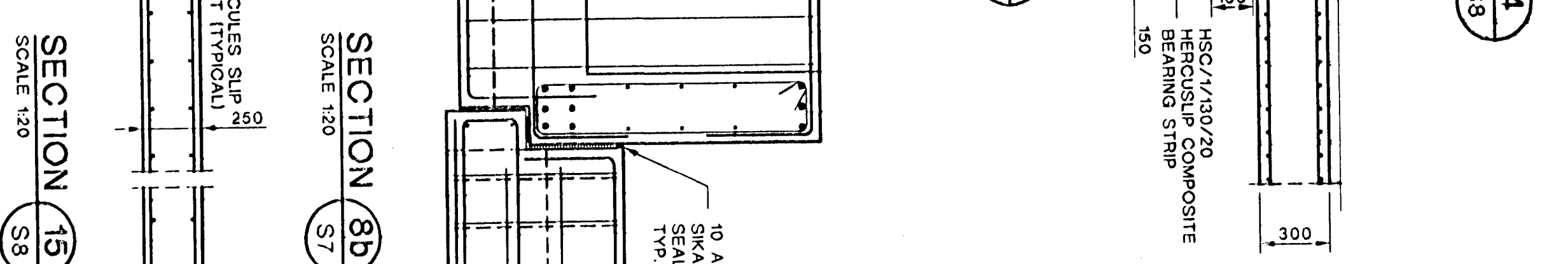
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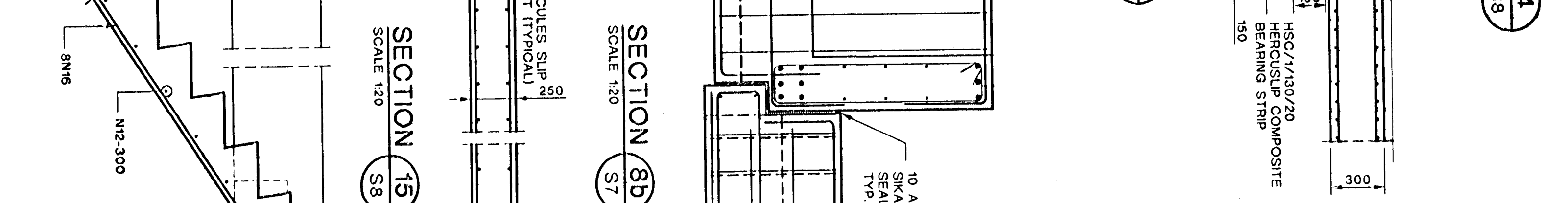
SECTION 8A
SCALE 1:20
S7



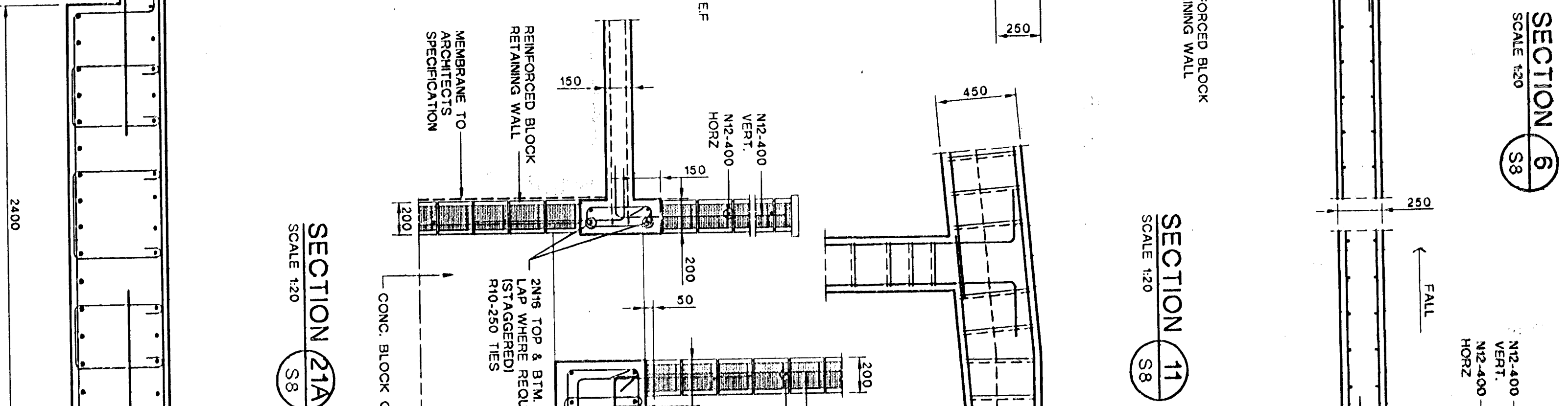
SECTION 8B
SCALE 1:20
S7



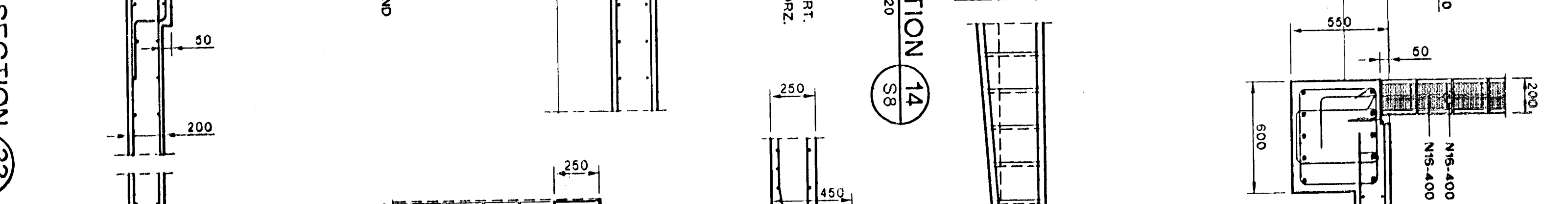
SECTION 15
SCALE 1:20
S8



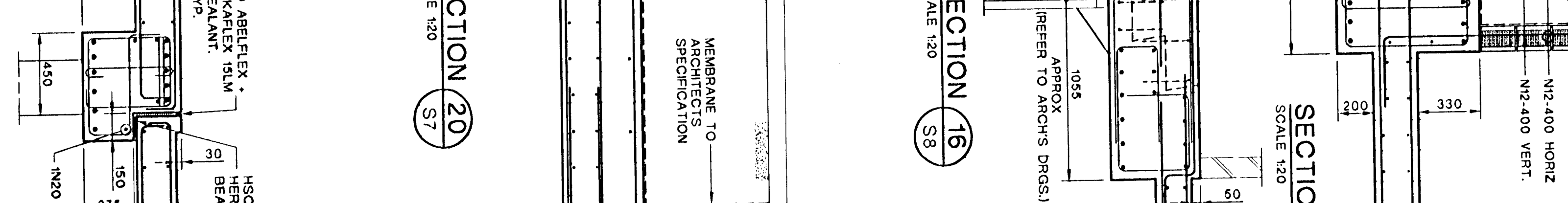
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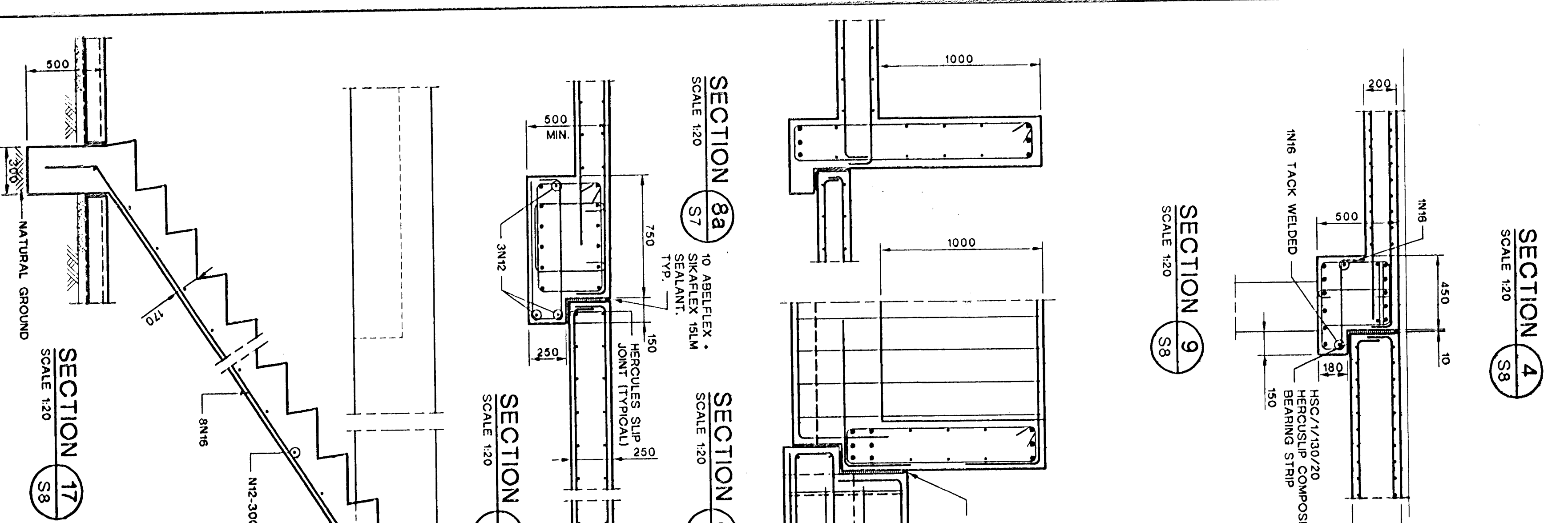
SECTION 22
SCALE 1:20
S8



SECTION 23
SCALE 1:20
S8



SECTION 17
SCALE 1:20
S8



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PROJECT
PITTSBURGH CLUB HOUSE
PITTSBURGH, PA

DATE
10/1/14

SCALE
1:20

DO NOT SCALE

SECTION 24
SCALE 1/20
S7

D

SECTION 25
SCALE 1/20
S7

SECTION 26
SCALE 1/20
S7

SECTION 29
SCALE 1/20
S7

SECTION 30
SCALE 1/20
S8

SECTION 28
SCALE 1/20
S8

SECTION 27
SCALE 1/20
S7

SECTION 31
SCALE 1/20
S7

SECTION 32
SCALE 1/20
S7

SECTION 33
SCALE 1/20
S7

SECTION 34
SCALE 1/20
S7

SECTION A
SCALE 1/20

SECTION B
SCALE 1/20

SECTION 35
SCALE 1/20
S7

BEAM ELEVATION AT EXPANSION JOINT AT GRID S14

SECTION C
SCALE 1/20

SECTION D
SCALE 1/20

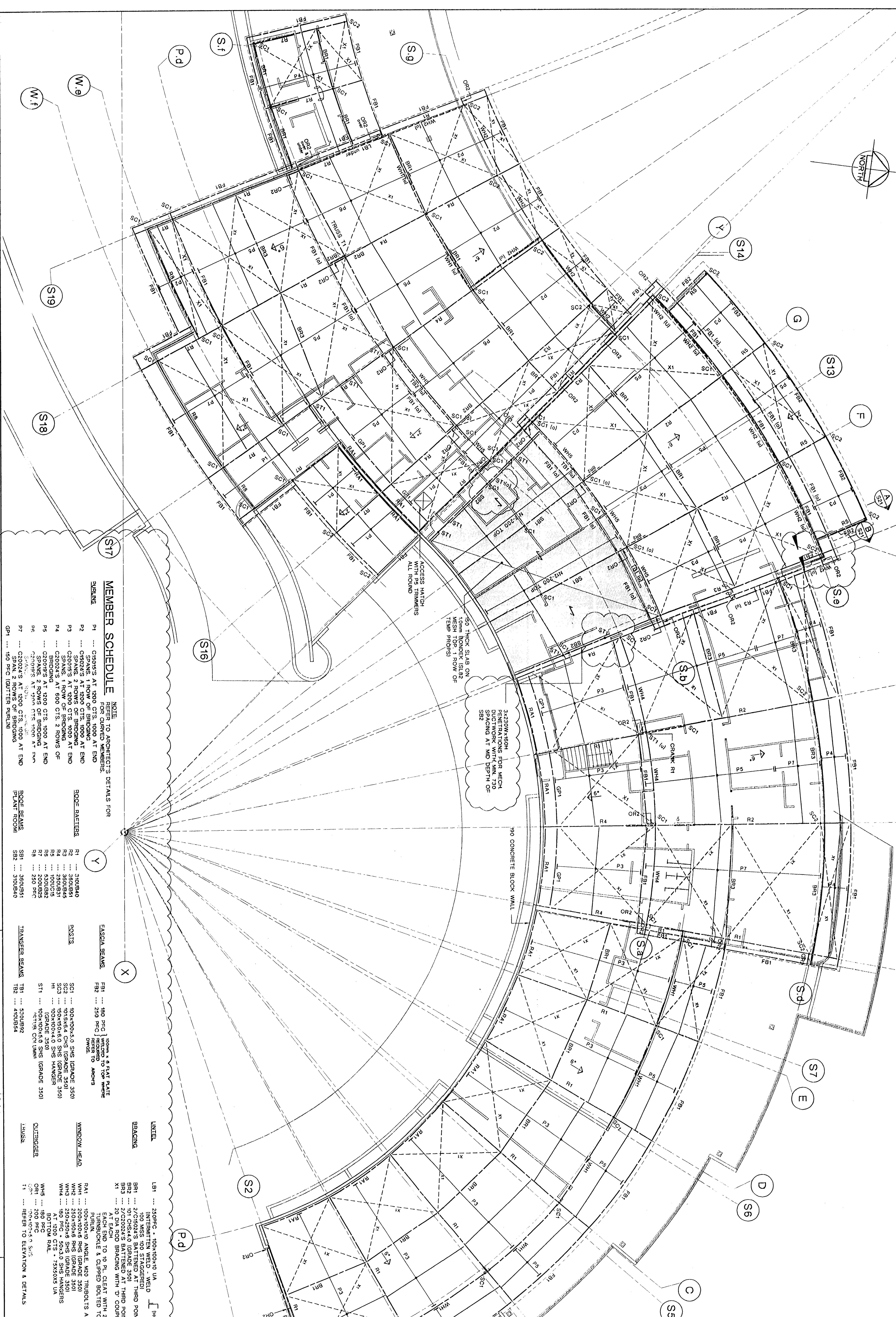
D	SECTION 24 & 25 REINFORCED	2/2/2020	Copyright Loh & Hooke Partners as sole author
C	REINFORCE FOR CONSTRUCTION	2/10/2020	THIS DRAWING IS SUBJECT TO BIM
B	CO-ORDINATION ISSUE	26/03/2020	Copyright Loh & Hooke Partners
A	CO-ORDINATION ISSUE	26/03/2020	THIS DRAWING IS SUBJECT TO BIM

LOW & HOOKE PARTNERS

HOOGES SHORTEN ARCHITECTS PTY LTD

BAYVIEW GOLF CLUB

DO NOT



MEMBER SCHEDULE

NOTE:
REFER TO ARCHITECT'S DETAILS FOR
FOR CURVED MEMBERS.

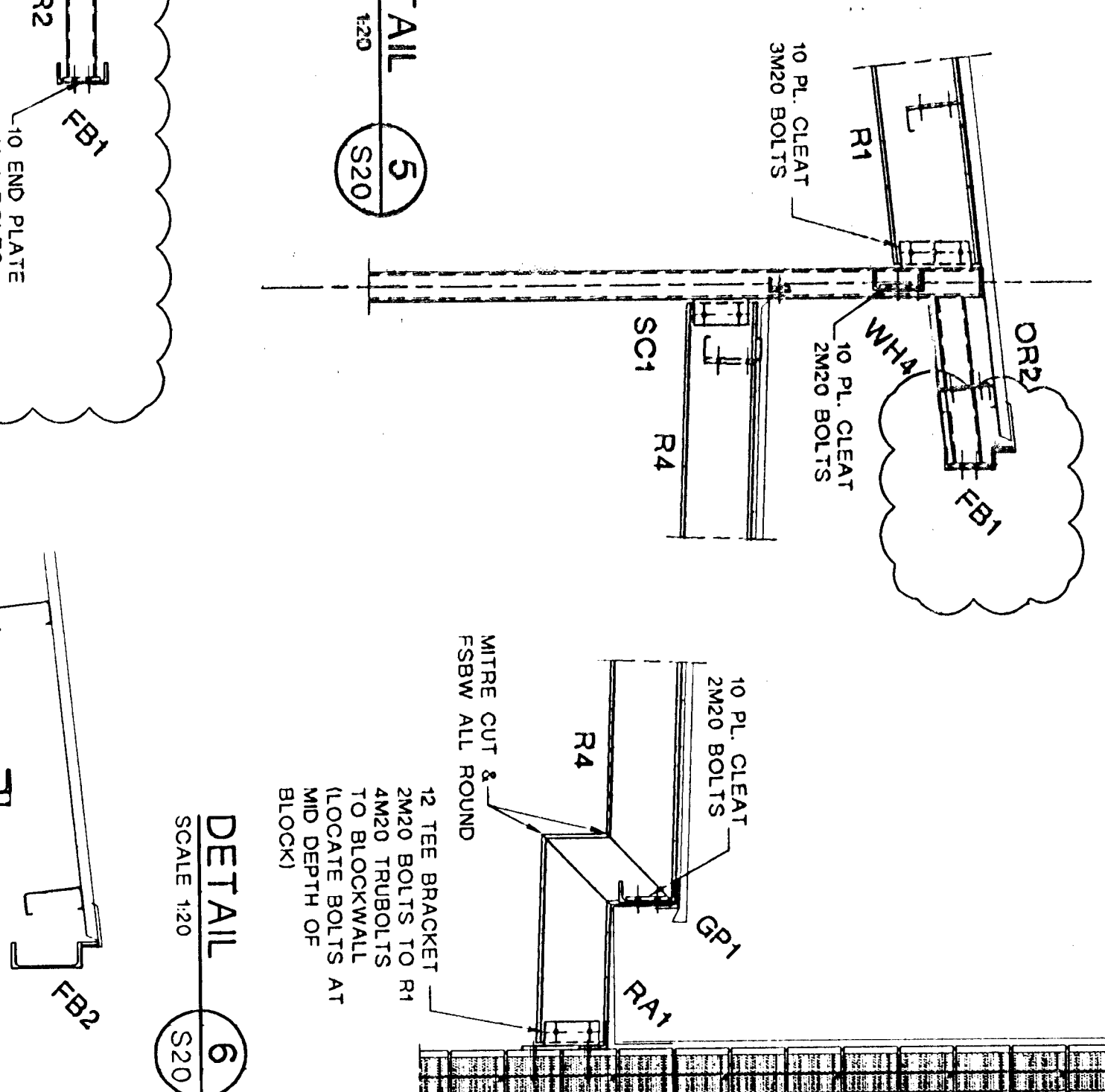
ELEVATIONS		Y		TRANSFER BEAMS		LUMBS	
P1	--- C15015.5 AT 1200 CTS. 1000 AT END	R1	--- 310UB40	FB2	--- 250 PFC	PA1	--- 100X100-0.0 ANGLE M20 TRIBOL
P2	--- C15024.5 AT 1200 CTS. 1000 AT END	R2	--- 310UB40			PA2	--- 100X100-0.0 ANGLE M20 TRIBOL
P3	--- C20015.5 AT 1200 CTS. 1000 AT END	R3	--- 310UB40			WH1	--- 200X100X6 RHS (GRADE 350)
P4	--- C20015.5 AT 1200 CTS. 1000 AT END	R4	--- 310UB40			WH2	--- 200X100X6 RHS (GRADE 350)
P5	--- C20015.5 AT 1200 CTS. 1000 AT END	R5	--- 310UB40			WH3	--- 250X150X6 RHS (GRADE 350)
P6	--- C20015.5 AT 1200 CTS. 1000 AT END	R6	--- 310UB40			WH4	--- 180 PFC + 50X3.0 SHS HANGERS
P7	--- C20015.5 AT 1200 CTS. 1000 AT END	R7	--- 310UB40			WH5	--- 180 PFC + 75X50X5 UA
P8	--- C20015.5 AT 1200 CTS. 1000 AT END	R8	--- 310UB40			WH6	--- 180 PFC + 75X50X5 UA
P9	--- C20015.5 AT 1200 CTS. 1000 AT END	R9	--- 310UB40			WH7	--- 180 PFC + 75X50X5 UA
P10	--- C20015.5 AT 1200 CTS. 1000 AT END	R10	--- 310UB40			WH8	--- 180 PFC + 75X50X5 UA
P11	--- C20015.5 AT 1200 CTS. 1000 AT END	R11	--- 310UB40			WH9	--- 180 PFC + 75X50X5 UA
P12	--- C20015.5 AT 1200 CTS. 1000 AT END	R12	--- 310UB40			WH10	--- 180 PFC + 75X50X5 UA
P13	--- C20015.5 AT 1200 CTS. 1000 AT END	R13	--- 310UB40			WH11	--- 180 PFC + 75X50X5 UA
P14	--- C20015.5 AT 1200 CTS. 1000 AT END	R14	--- 310UB40			WH12	--- 180 PFC + 75X50X5 UA
P15	--- C20015.5 AT 1200 CTS. 1000 AT END	R15	--- 310UB40			WH13	--- 180 PFC + 75X50X5 UA
P16	--- C20015.5 AT 1200 CTS. 1000 AT END	R16	--- 310UB40			WH14	--- 180 PFC + 75X50X5 UA
P17	--- C20015.5 AT 1200 CTS. 1000 AT END	R17	--- 310UB40			WH15	--- 180 PFC + 75X50X5 UA
P18	--- C20015.5 AT 1200 CTS. 1000 AT END	R18	--- 310UB40			WH16	--- 180 PFC + 75X50X5 UA
P19	--- C20015.5 AT 1200 CTS. 1000 AT END	R19	--- 310UB40			WH17	--- 180 PFC + 75X50X5 UA
P20	--- C20015.5 AT 1200 CTS. 1000 AT END	R20	--- 310UB40			WH18	--- 180 PFC + 75X50X5 UA
P21	--- C20015.5 AT 1200 CTS. 1000 AT END	R21	--- 310UB40			WH19	--- 180 PFC + 75X50X5 UA
P22	--- C20015.5 AT 1200 CTS. 1000 AT END	R22	--- 310UB40			WH20	--- 180 PFC + 75X50X5 UA
P23	--- C20015.5 AT 1200 CTS. 1000 AT END	R23	--- 310UB40			WH21	--- 180 PFC + 75X50X5 UA
P24	--- C20015.5 AT 1200 CTS. 1000 AT END	R24	--- 310UB40			WH22	--- 180 PFC + 75X50X5 UA
P25	--- C20015.5 AT 1200 CTS. 1000 AT END	R25	--- 310UB40			WH23	--- 180 PFC + 75X50X5 UA
P26	--- C20015.5 AT 1200 CTS. 1000 AT END	R26	--- 310UB40			WH24	--- 180 PFC + 75X50X5 UA
P27	--- C20015.5 AT 1200 CTS. 1000 AT END	R27	--- 310UB40			WH25	--- 180 PFC + 75X50X5 UA
P28	--- C20015.5 AT 1200 CTS. 1000 AT END	R28	--- 310UB40			WH26	--- 180 PFC + 75X50X5 UA
P29	--- C20015.5 AT 1200 CTS. 1000 AT END	R29	--- 310UB40			WH27	--- 180 PFC + 75X50X5 UA
P30	--- C20015.5 AT 1200 CTS. 1000 AT END	R30	--- 310UB40			WH28	--- 180 PFC + 75X50X5 UA
P31	--- C20015.5 AT 1200 CTS. 1000 AT END	R31	--- 310UB40			WH29	--- 180 PFC + 75X50X5 UA
P32	--- C20015.5 AT 1200 CTS. 1000 AT END	R32	--- 310UB40			WH30	--- 180 PFC + 75X50X5 UA
P33	--- C20015.5 AT 1200 CTS. 1000 AT END	R33	--- 310UB40			WH31	--- 180 PFC + 75X50X5 UA
P34	--- C20015.5 AT 1200 CTS. 1000 AT END	R34	--- 310UB40			WH32	--- 180 PFC + 75X50X5 UA
P35	--- C20015.5 AT 1200 CTS. 1000 AT END	R35	--- 310UB40			WH33	--- 180 PFC + 75X50X5 UA
P36	--- C20015.5 AT 1200 CTS. 1000 AT END	R36	--- 310UB40			WH34	--- 180 PFC + 75X50X5 UA
P37	--- C20015.5 AT 1200 CTS. 1000 AT END	R37	--- 310UB40			WH35	--- 180 PFC + 75X50X5 UA
P38	--- C20015.5 AT 1200 CTS. 1000 AT END	R38	--- 310UB40			WH36	--- 180 PFC + 75X50X5 UA
P39	--- C20015.5 AT 1200 CTS. 1000 AT END	R39	--- 310UB40			WH37	--- 180 PFC + 75X50X5 UA
P40	--- C20015.5 AT 1200 CTS. 1000 AT END	R40	--- 310UB40			WH38	--- 180 PFC + 75X50X5 UA
P41	--- C20015.5 AT 1200 CTS. 1000 AT END	R41	--- 310UB40			WH39	--- 180 PFC + 75X50X5 UA
P42	--- C20015.5 AT 1200 CTS. 1000 AT END	R42	--- 310UB40			WH40	--- 180 PFC + 75X50X5 UA
P43	--- C20015.5 AT 1200 CTS. 1000 AT END	R43	--- 310UB40			WH41	--- 180 PFC + 75X50X5 UA
P44	--- C20015.5 AT 1200 CTS. 1000 AT END	R44	--- 310UB40			WH42	--- 180 PFC + 75X50X5 UA
P45	--- C20015.5 AT 1200 CTS. 1000 AT END	R45	--- 310UB40			WH43	--- 180 PFC + 75X50X5 UA
P46	--- C20015.5 AT 1200 CTS. 1000 AT END	R46	--- 310UB40			WH44	--- 180 PFC + 75X50X5 UA
P47	--- C20015.5 AT 1200 CTS. 1000 AT END	R47	--- 310UB40			WH45	--- 180 PFC + 75X50X5 UA
P48	--- C20015.5 AT 1200 CTS. 1000 AT END	R48	--- 310UB40			WH46	--- 180 PFC + 75X50X5 UA
P49	--- C20015.5 AT 1200 CTS. 1000 AT END	R49	--- 310UB40			WH47	--- 180 PFC + 75X50X5 UA
P50	--- C20015.5 AT 1200 CTS. 1000 AT END	R50	--- 310UB40			WH48	--- 180 PFC + 75X50X5 UA
P51	--- C20015.5 AT 1200 CTS. 1000 AT END	R51	--- 310UB40			WH49	--- 180 PFC + 75X50X5 UA
P52	--- C20015.5 AT 1200 CTS. 1000 AT END	R52	--- 310UB40			WH50	--- 180 PFC + 75X50X5 UA
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P58	--- C20015.5 AT 1200 CTS. 1000 AT END	R58	--- 310UB40			WH56	--- 180 PFC + 75X50X5 UA
P59	--- C20015.5 AT 1200 CTS. 1000 AT END	R59	--- 310UB40			WH57	--- 180 PFC + 75X50X5 UA
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P61	--- C20015.5 AT 1200 CTS. 1000 AT END	R61	--- 310UB40			WH59	--- 180 PFC + 75X50X5 UA
P62	--- C20015.5 AT 1200 CTS. 1000 AT END	R62	--- 310UB40			WH60	--- 180 PFC + 75X50X5 UA
P63	--- C20015.5 AT 1200 CTS. 1000 AT END	R63	--- 310UB40			WH61	--- 180 PFC + 75X50X5 UA
P64	--- C20015.5 AT 1200 CTS. 1000 AT END	R64	--- 310UB40			WH62	--- 180 PFC + 75X50X5 UA
P65	--- C20015.5 AT 1200 CTS. 1000 AT END	R65	--- 310UB40			WH63	--- 180 PFC + 75X50X5 UA
P66	--- C20015.5 AT 1200 CTS. 1000 AT END	R66	--- 310UB40			WH64	--- 180 PFC + 75X50X5 UA
P67	--- C20015.5 AT 1200 CTS. 1000 AT END	R67	--- 310UB40			WH65	--- 180 PFC + 75X50X5 UA
P68	--- C20015.5 AT 1200 CTS. 1000 AT END	R68	--- 310UB40			WH66	--- 180 PFC + 75X50X5 UA
P69	--- C20015.5 AT 1200 CTS. 1000 AT END	R69	--- 310UB40			WH67	--- 180 PFC + 75X50X5 UA
P70	--- C20015.5 AT 1200 CTS. 1000 AT END	R70	--- 310UB40			WH68	--- 180 PFC + 75X50X5 UA
P71	--- C20015.5 AT 1200 CTS. 1000 AT END	R71	--- 310UB40			WH69	--- 180 PFC + 75X50X5 UA
P72	--- C20015.5 AT 1200 CTS. 1000 AT END	R72	--- 310UB40			WH70	--- 180 PFC + 75X50X5 UA
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P90	--- C20015.5 AT 1200 CTS. 1000 AT END	R90	--- 310UB40			WH88	--- 180 PFC + 75X50X5 UA
P91	--- C20015.5 AT 1200 CTS. 1000 AT END	R91	--- 310UB40			WH89	--- 180 PFC + 75X50X5 UA
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P93	--- C20015.5 AT 1200 CTS. 1000 AT END	R93	--- 310UB40			WH91	--- 180 PFC + 75X50X5 UA
P94	--- C20015.5 AT 1200 CTS. 1000 AT END	R94	--- 310UB40			WH92	--- 180 PFC + 75X50X5 UA
P95	--- C20015.5 AT 1200 CTS. 1000 AT END	R95	--- 310UB40			WH93	--- 180 PFC + 75X50X5 UA
P96	--- C20015.5 AT 1200 CTS. 1000 AT END	R96	--- 310UB40			WH94	--- 180 PFC + 75X50X5 UA
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P102	--- C20015.5 AT 1200 CTS. 1000 AT END	R102	--- 310UB40			WH100	--- 180 PFC + 75X50X5 UA
P103	--- C20015.5 AT 1200 CTS. 1000 AT END	R103	--- 310UB40			WH101	--- 180 PFC + 75X50X5 UA
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P106	--- C20015.5 AT 1200 CTS. 1000 AT END	R106	--- 310UB40			WH104	--- 180 PFC + 75X50X5 UA
P107	--- C20015.5 AT 1200 CTS. 1000 AT END	R107	--- 310UB40			WH105	--- 180 PFC + 75X50X5 UA
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P113	--- C20015.5 AT 1200 CTS. 1000 AT END	R113	--- 310UB40			WH111	--- 180 PFC + 75X50X5 UA
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P118	--- C20015.5 AT 1200 CTS. 1000 AT END	R118	--- 310UB40			WH116	--- 180 PFC + 75X50X5 UA
P119	--- C20015.5 AT 1200 CTS. 1000 AT END	R119	--- 310UB40			WH117	--- 180 PFC + 75X50X5 UA
P120	--- C20015.5 AT 1200 CTS. 1000 AT END	R120	--- 310UB40			WH118	--- 180 PFC + 75X50X5 UA
P121	--- C20015.5 AT 1200 CTS. 1000 AT END	R121	--- 310UB40			WH119	--- 180 PFC + 75X50X5 UA
P122	--- C20015.5 AT 1200 CTS. 1000 AT END	R122	--- 310UB40			WH120	--- 180 PFC + 75X50X5 UA
P123	--- C20015.5 AT 1200 CTS. 1000 AT END	R123	--- 310UB40			WH121	--- 180 PFC + 75X50X5 UA
P124	--- C20015.5 AT 1200 CTS. 1000 AT END	R124	--- 310UB40			WH122	--- 180 PFC + 75X50X

UNITAL

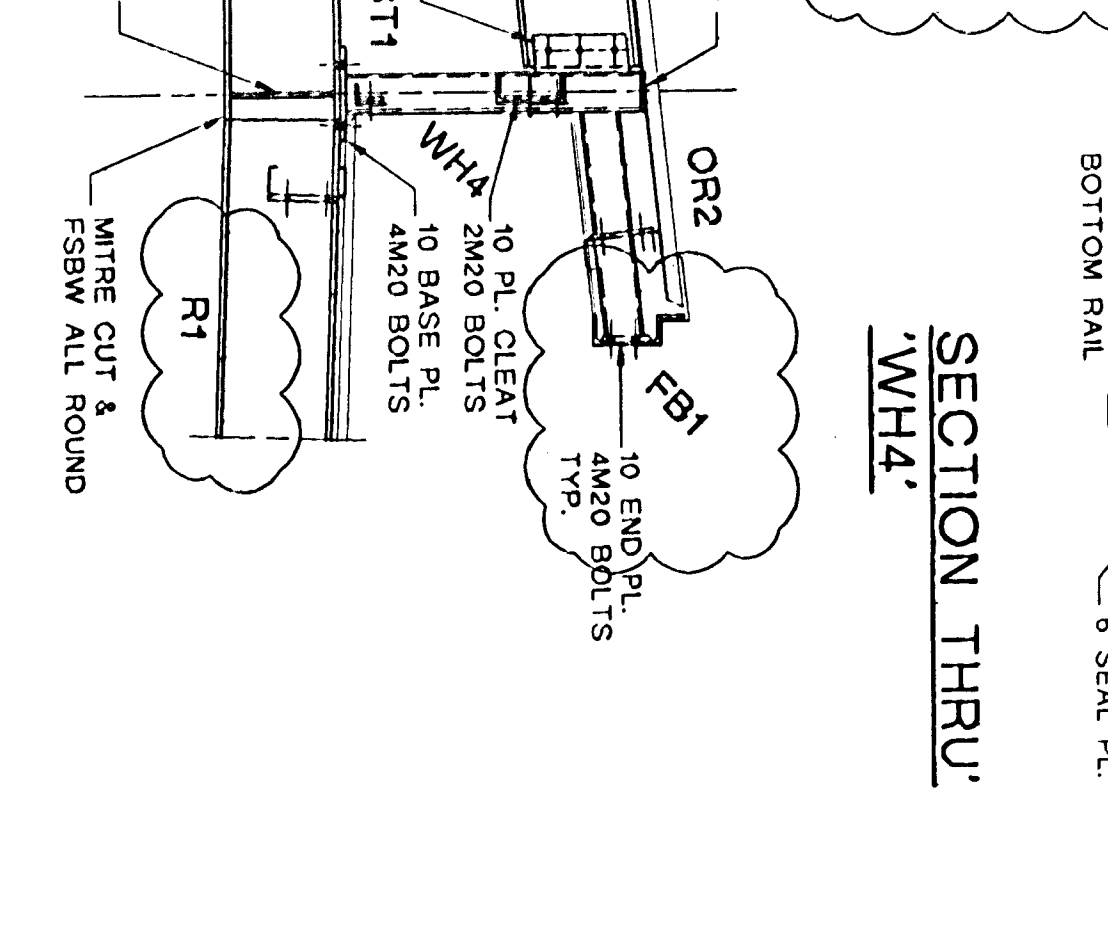
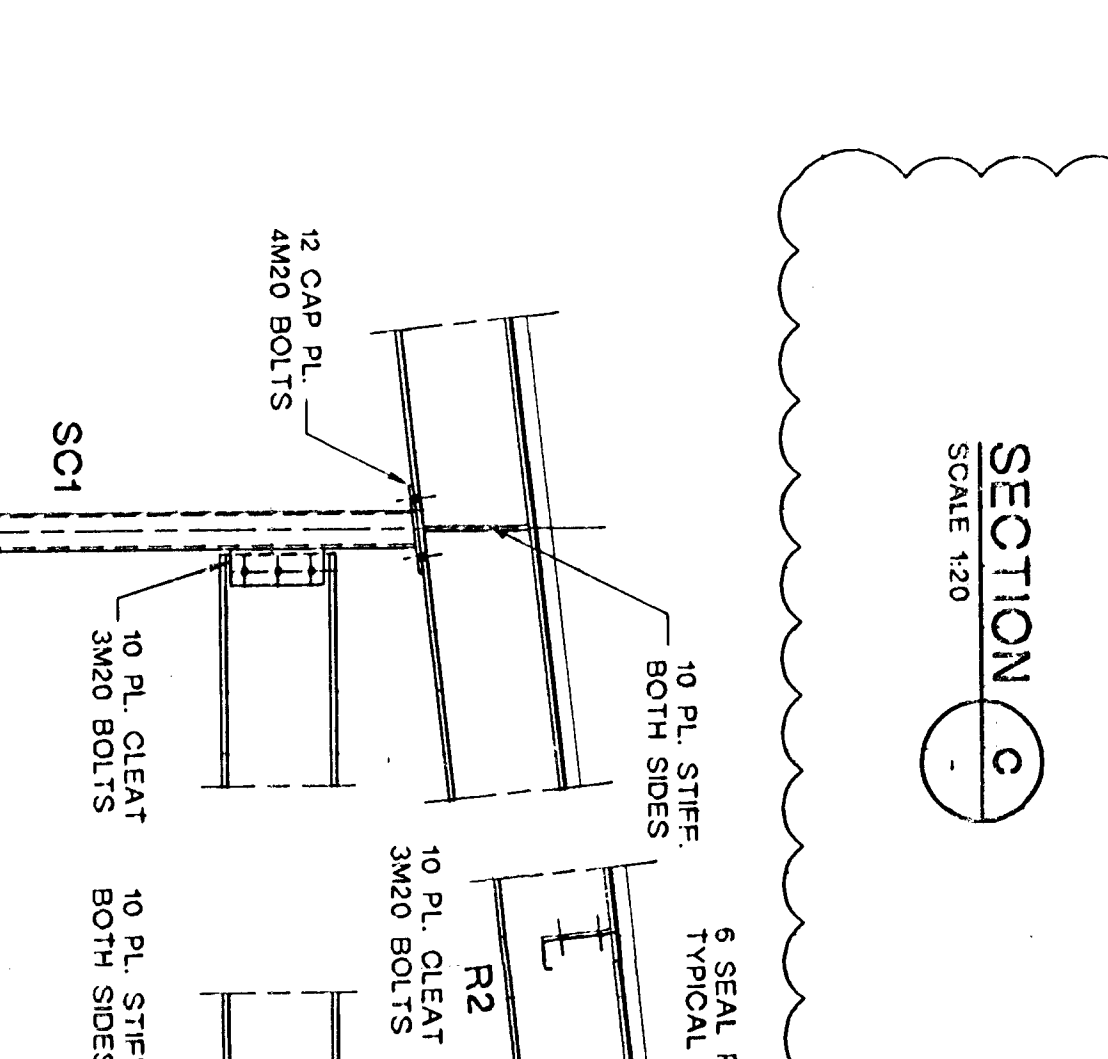
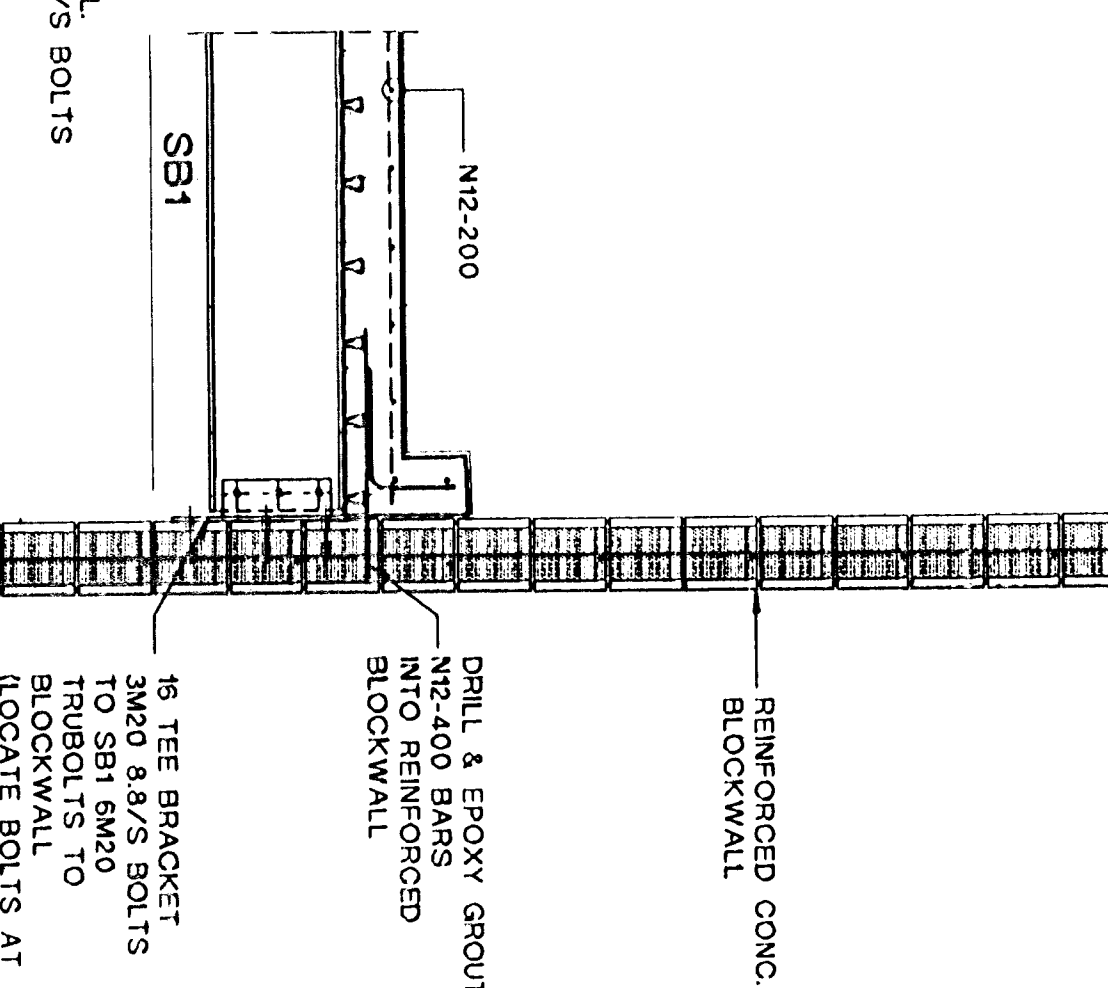
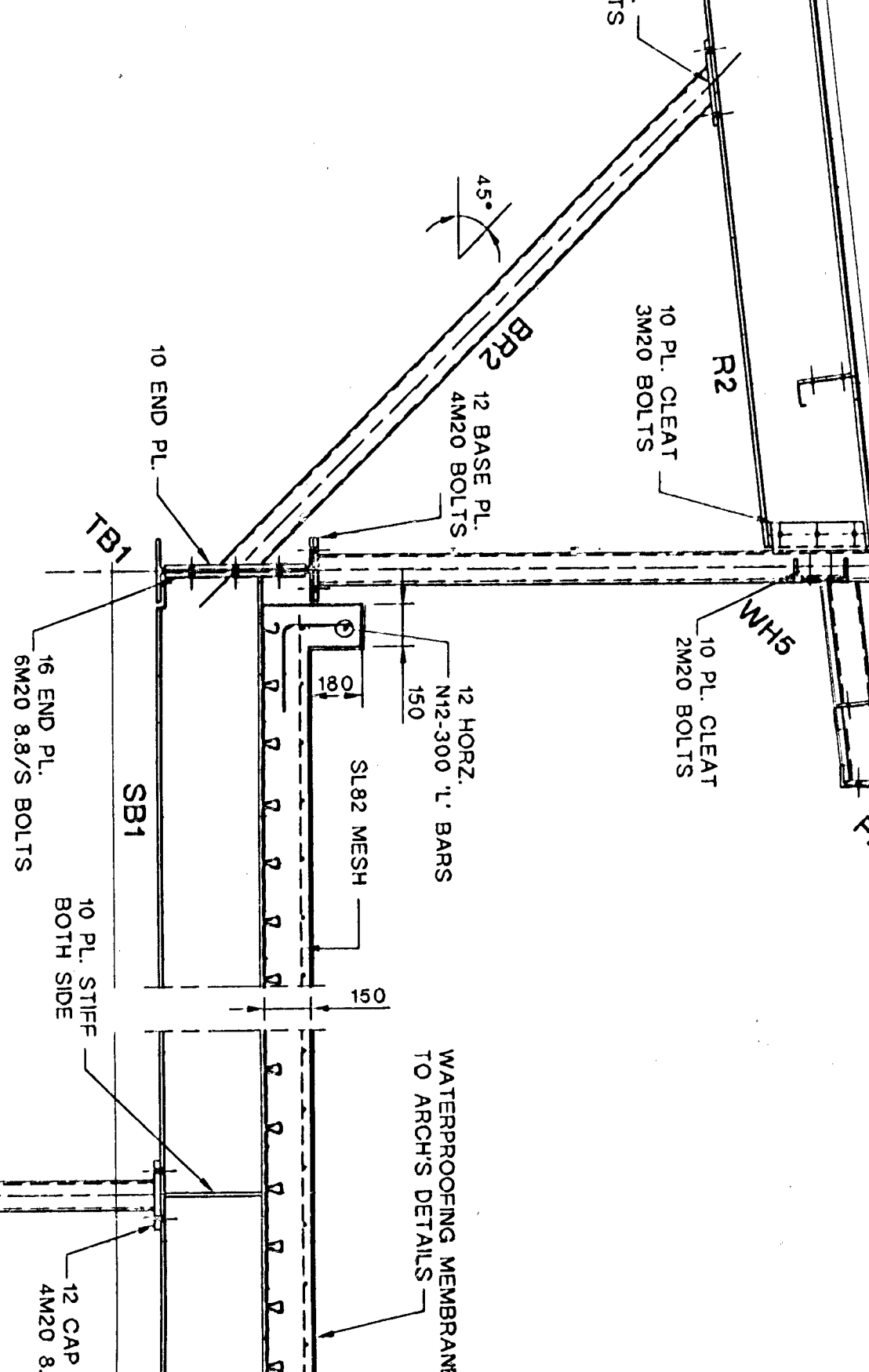
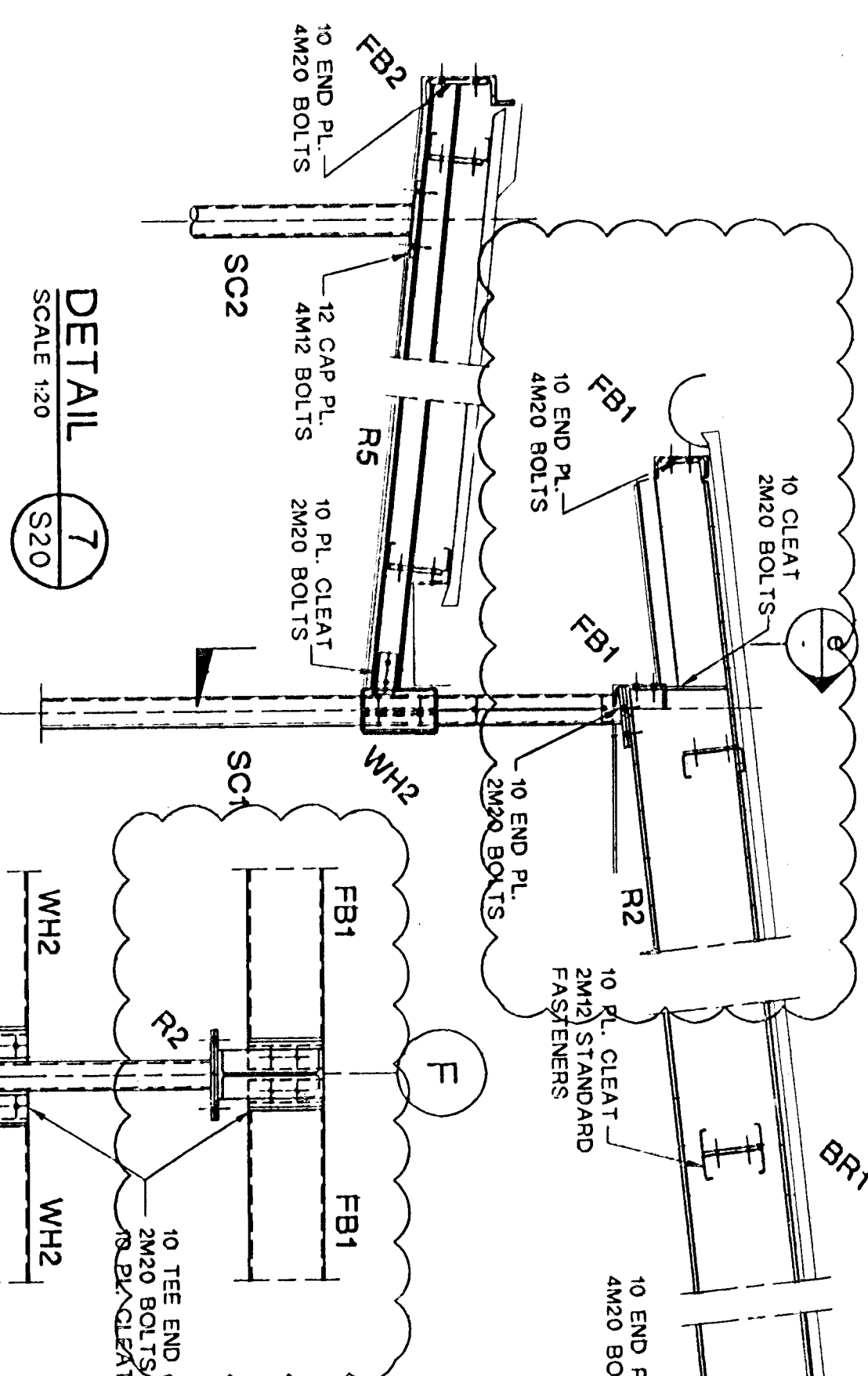
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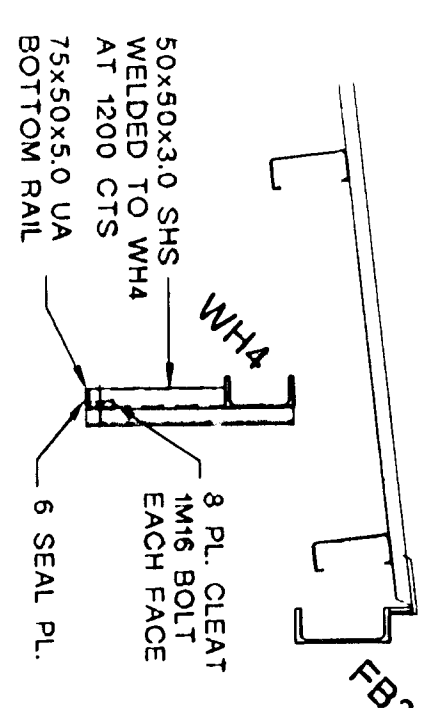
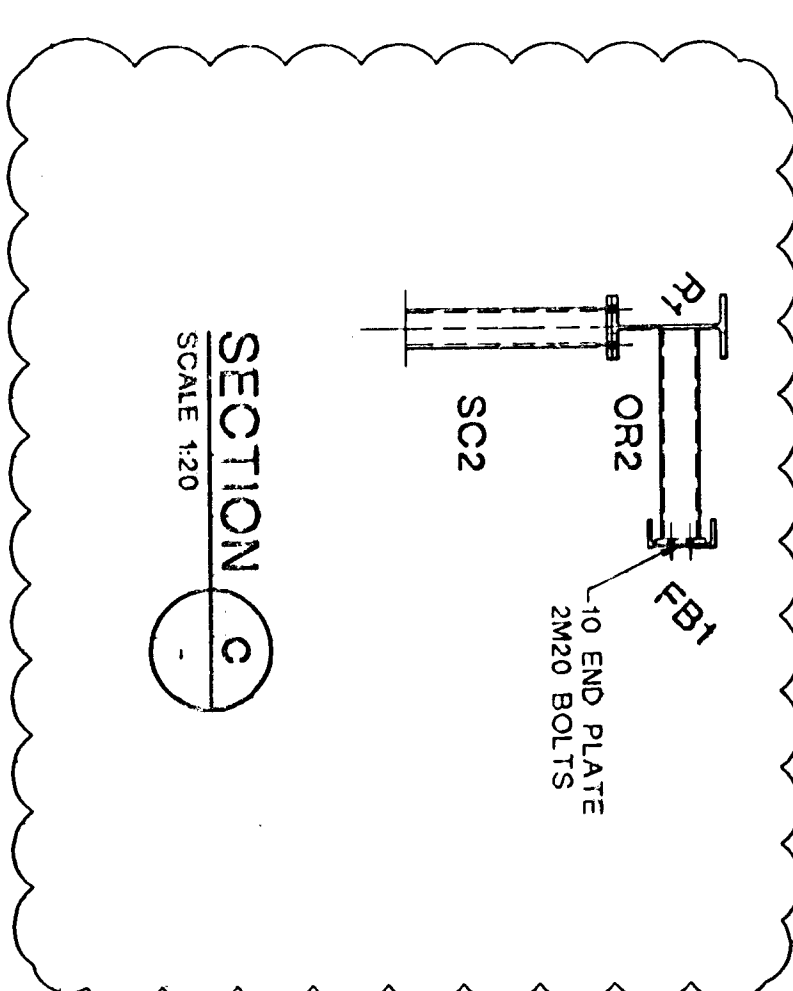
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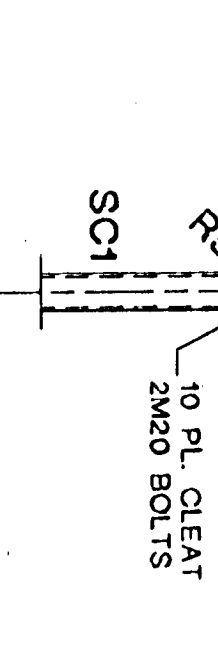
SECTION a
SCALE 1:20



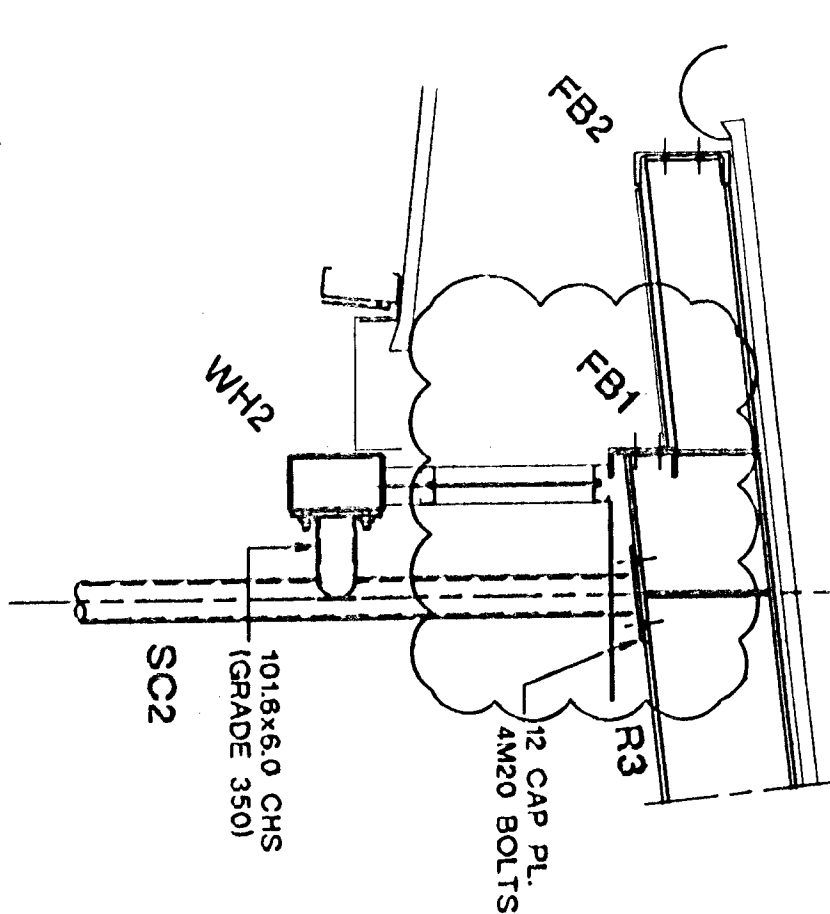
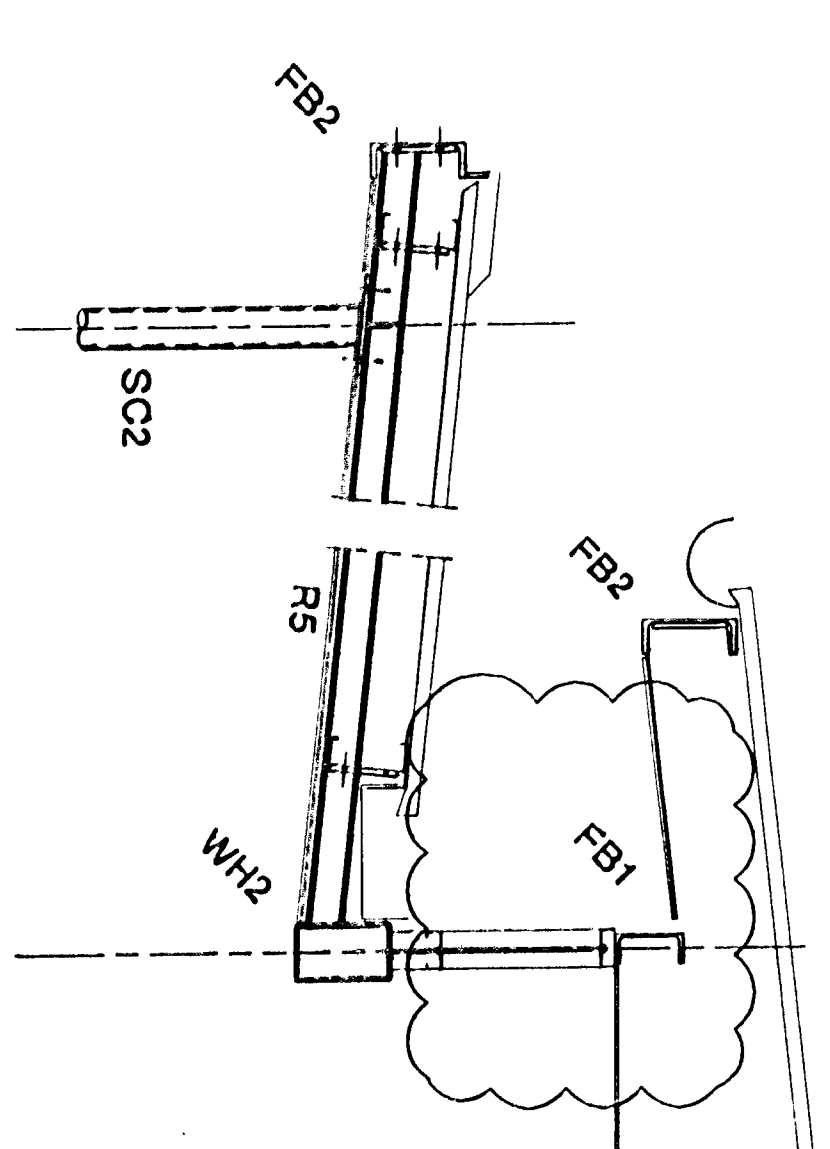
SECTION THRU'
'WH4'



DETAIL 8
SCALE 1:20 S20



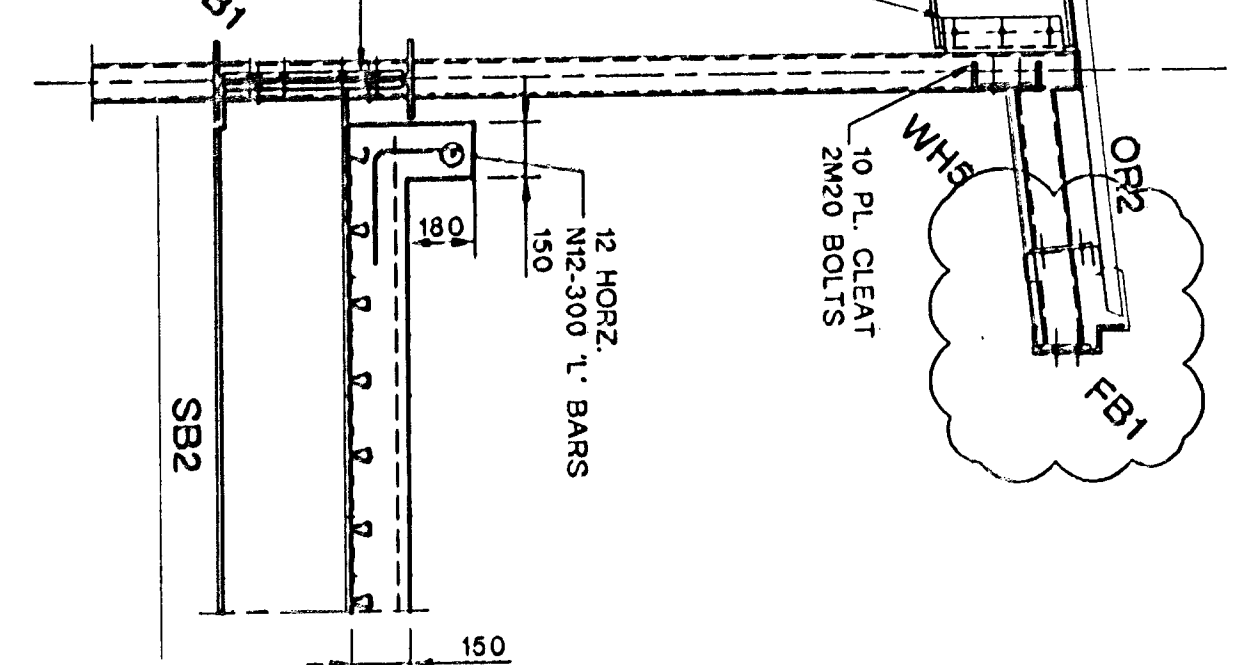
SECTION 9
SCALE 1:20



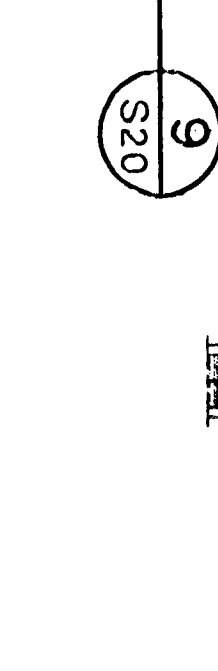
SECTION A
SCALE 1:20
S18

SECTION B
SCALE 1:20
S18

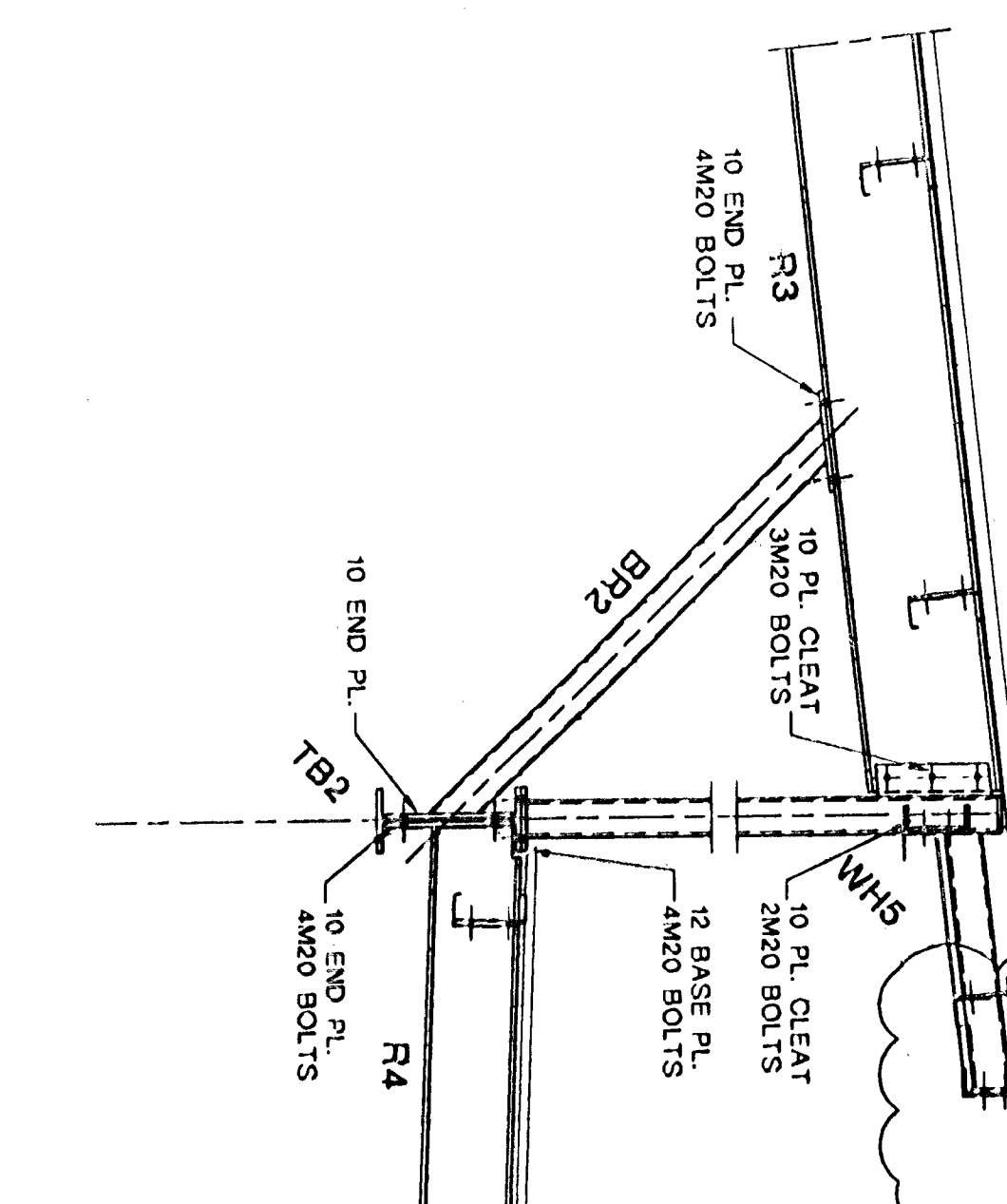
DETAIL 11
SCALE 1:20 S20



DETAIL 9
SCALE 1:20 S20

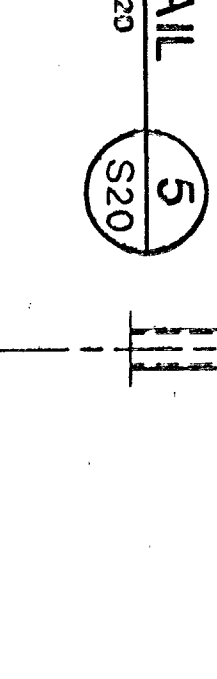


WH5



DETAIL SCALE 1:20 S20

DETAIL 5
SCALE 1:20 S20



DETAIL
SCALE 1:20
6
S20



DETAIL 10
SCALE 1:20 S20



DETAIL 13
SCALE 1:20 S20

