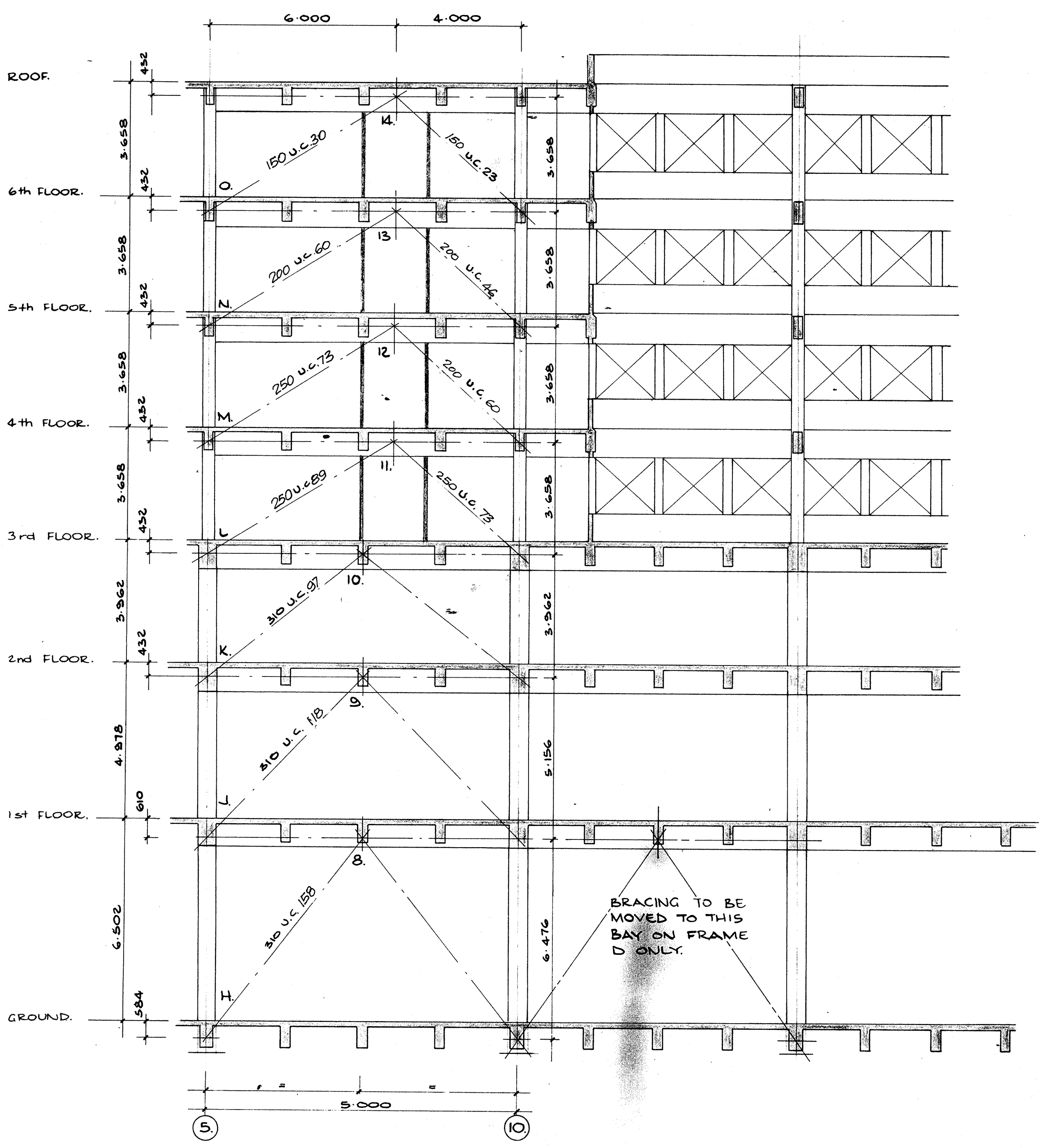
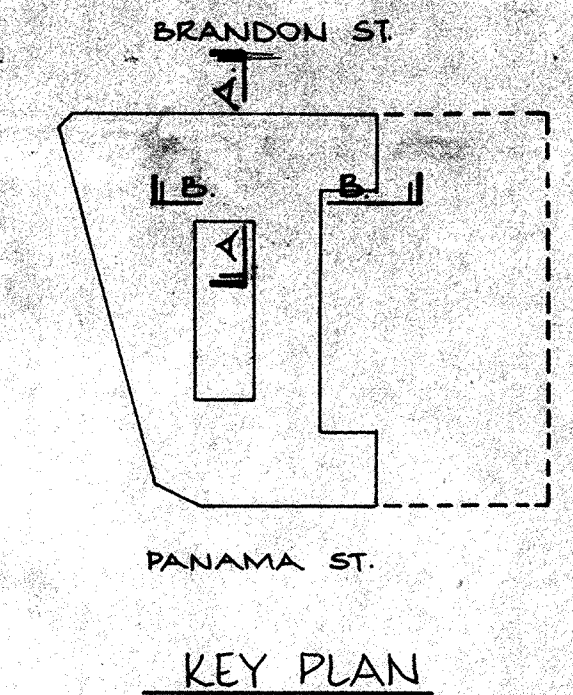


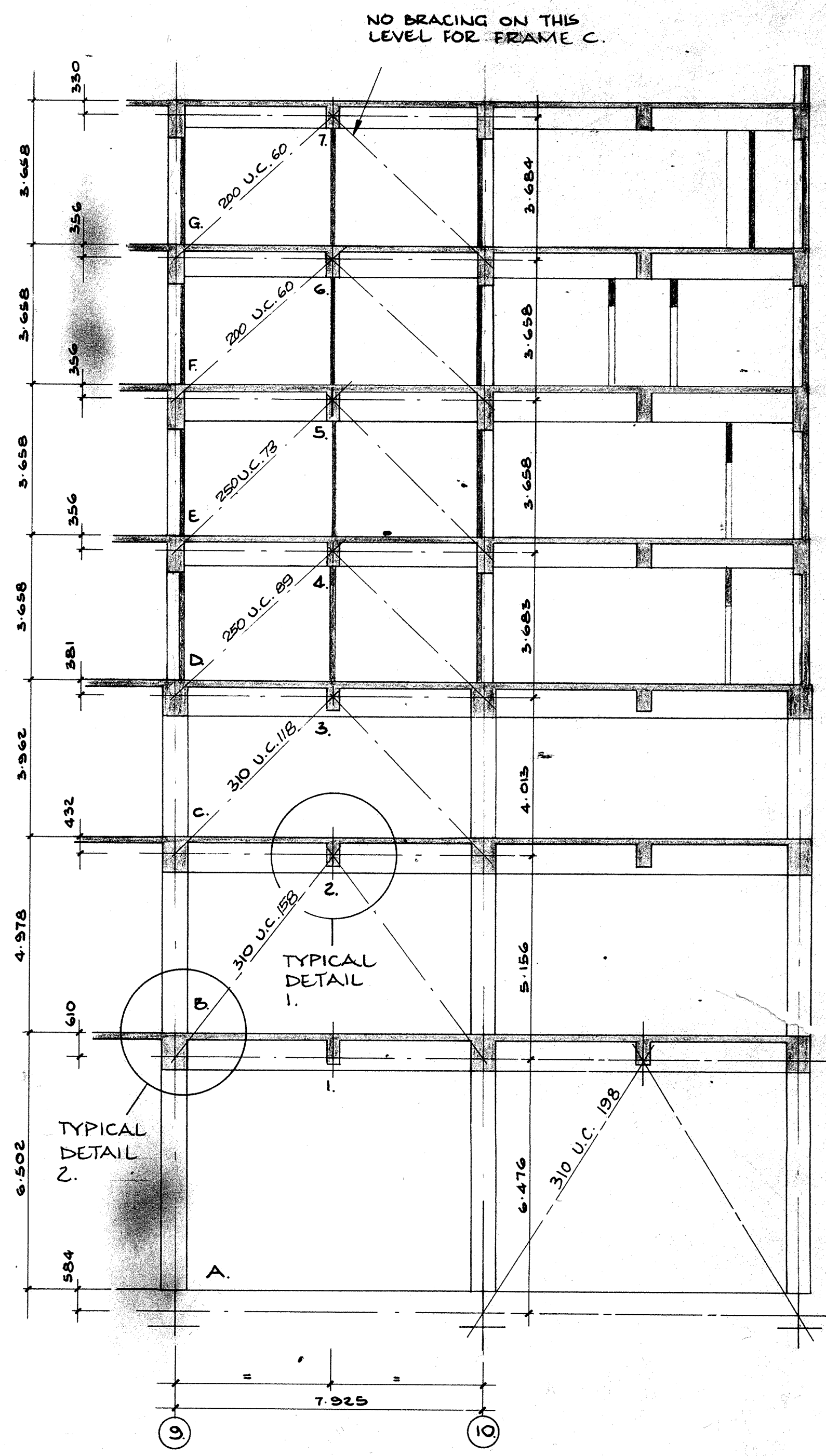
CONTRACTORS MUST VERIFY ALL DIMENSIONS AT THE JOB BEFORE COMMENCING ANY WORK OR MAKING ANY SHOP DRAWINGS WHICH MUST BE SUBMITTED AND APPROVED BEFORE MANUFACTURE.

ISSUE	AMENDMENT	BY	DATE
A	GENERAL REVISION	ZTZ	20.1.79
B	BRACING REVISED AND NOTES ADDED	ZGM	

ALL DIMENSIONS ARE APPROXIMATE ONLY CHECK ON SITE.



A-A
1/100
FRAME TYPE A
(FRAME TYPE D SIMILAR)



B-B
1/100
FRAME TYPE B
(FRAME TYPE C SIMILAR)



COPIES	ISSUED TO	DATE

BM RH
BRICKELL MOSS RANKINE & HILL
CONSULTING ENGINEERS
REGISTERED SURVEYORS

- WELLINGTON SHELL HOUSE, THE TERRACE.
- LOWER HUTT 7 DALY ST.
- AUCKLAND 43 HIGH ST.
- DUNEDIN O.S.B. BUILDING, GEORGE ST.
- LEVIN 30 QUEEN ST.
- PARAPARAUMU BRAZIER'S BUILDING, AMOHIA ST.

JOB TITLE
**D.I.C.
STRENGTHENING.**

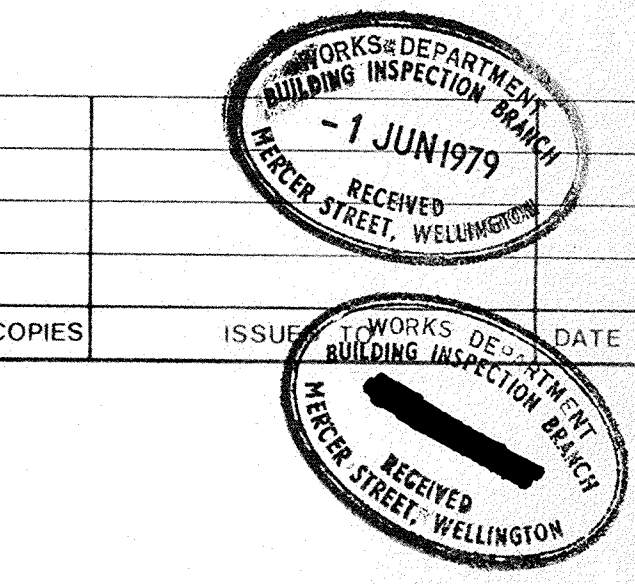
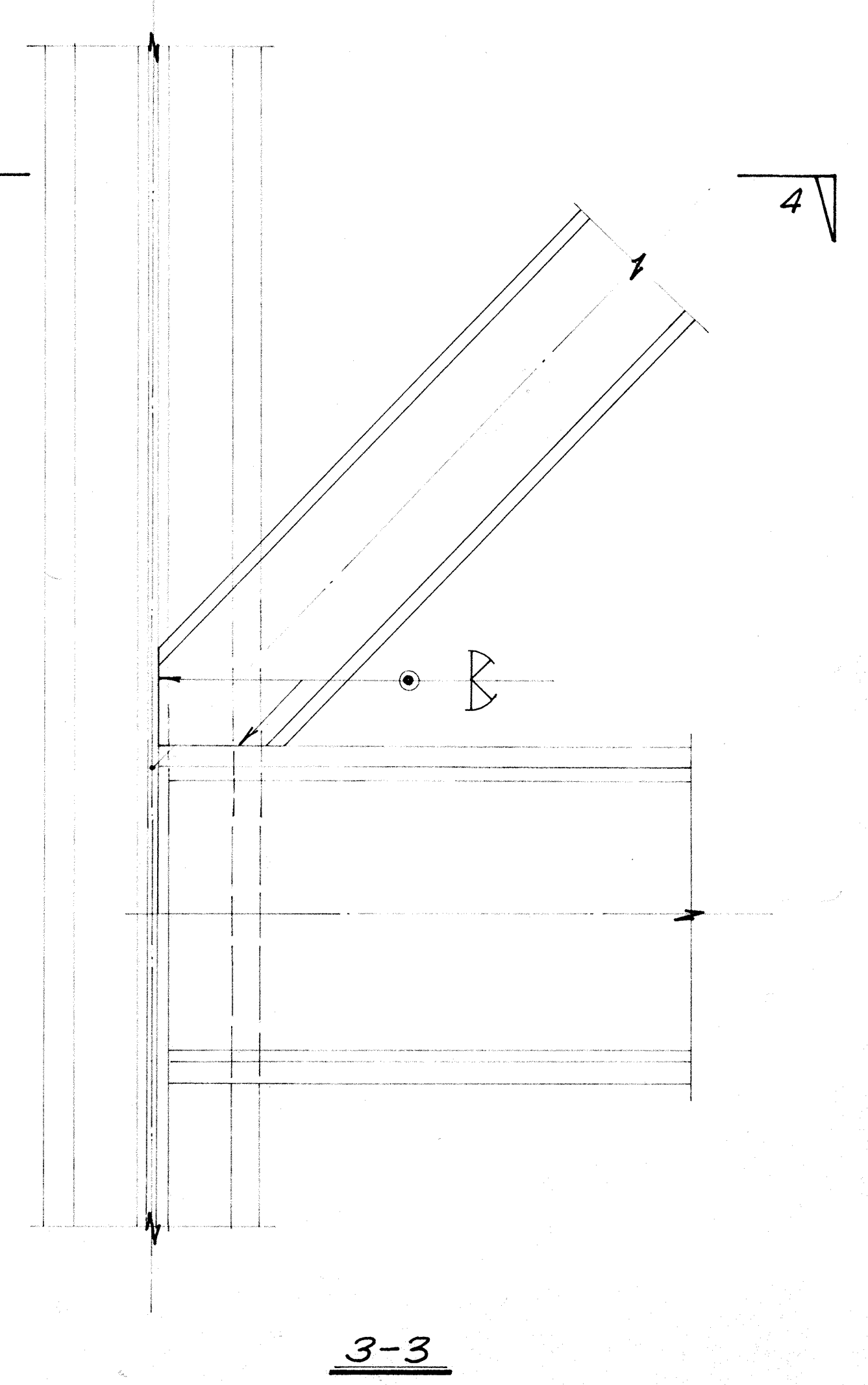
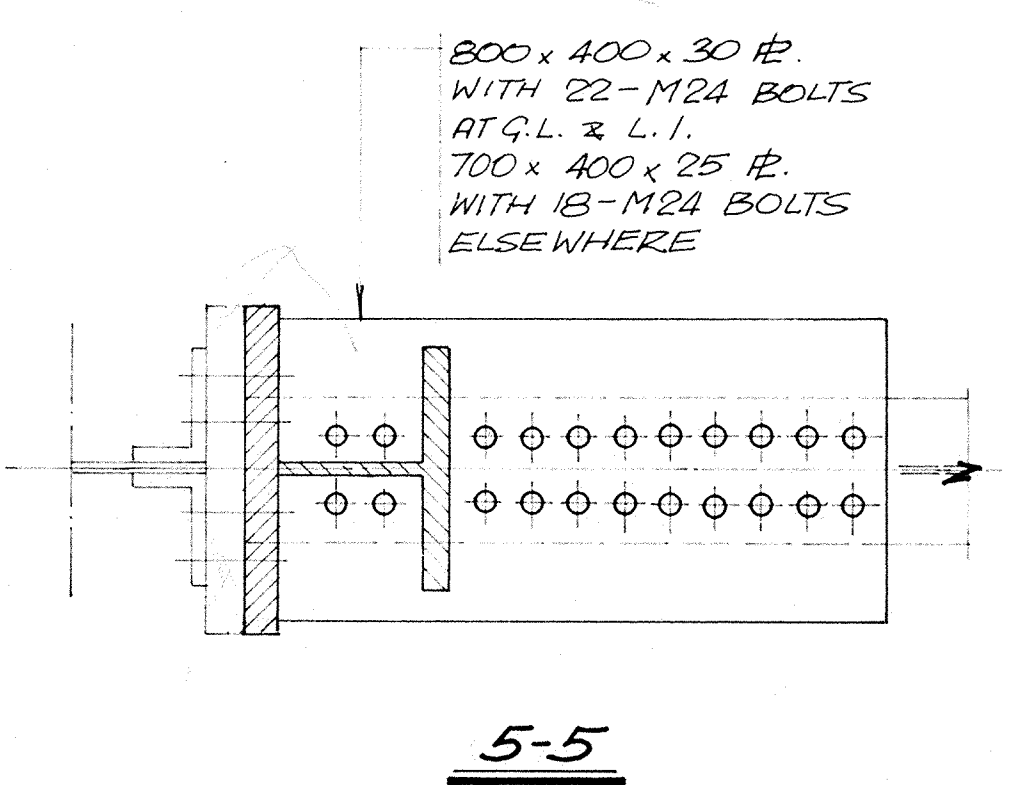
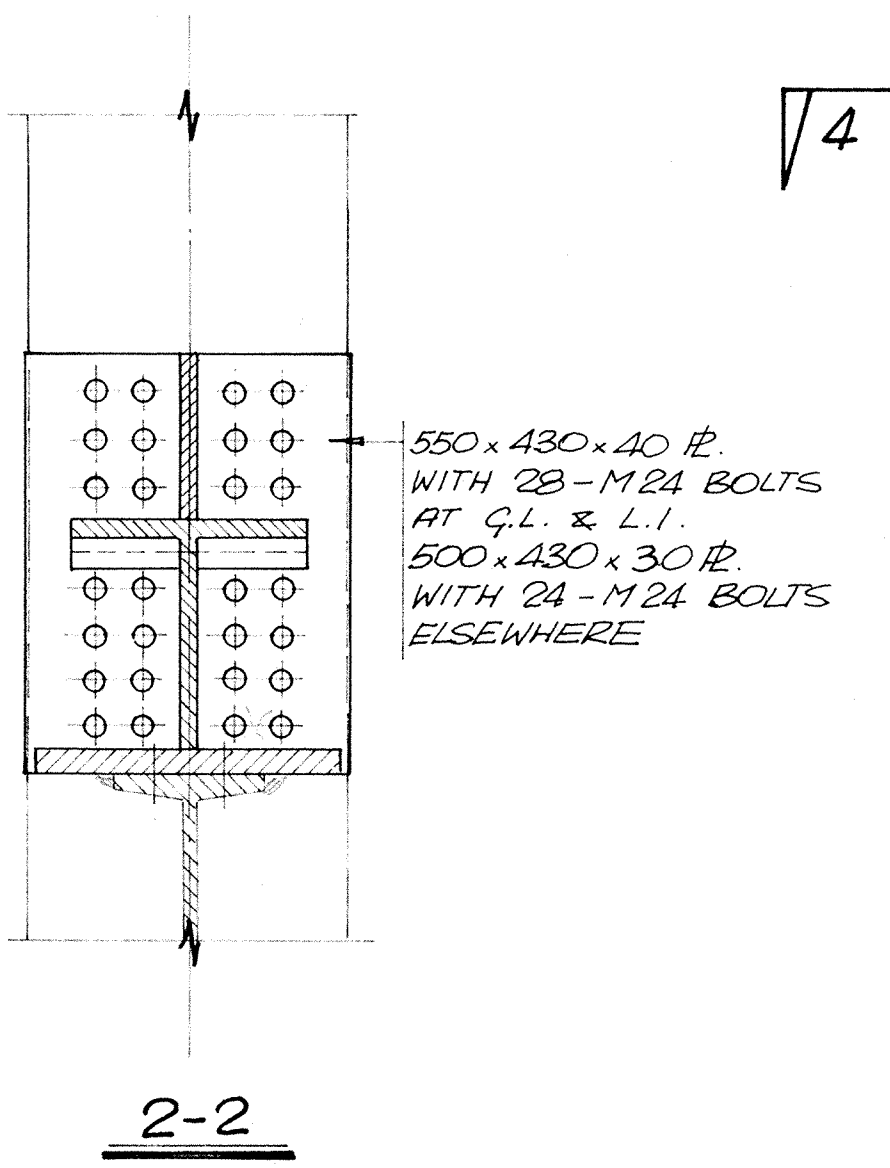
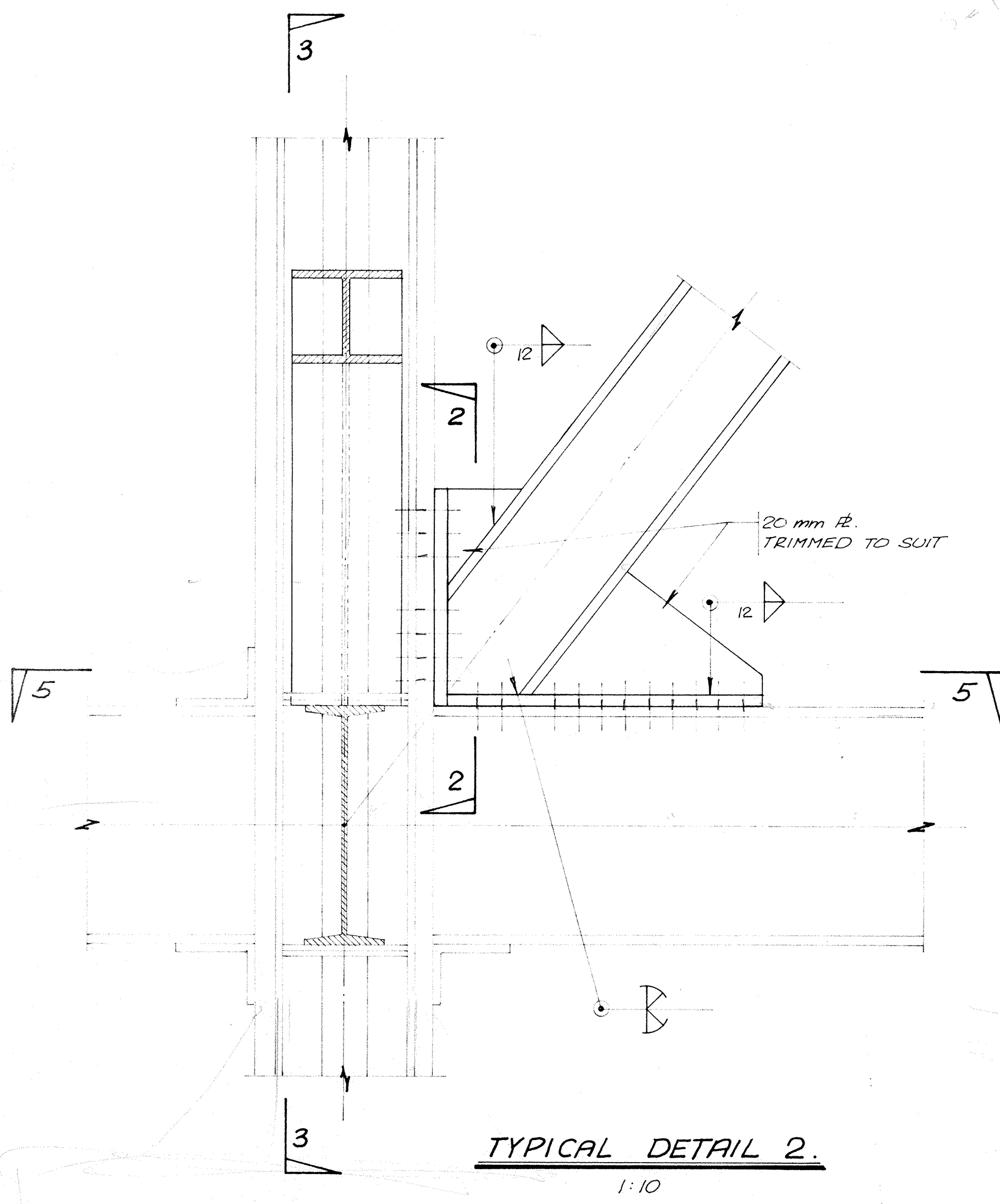
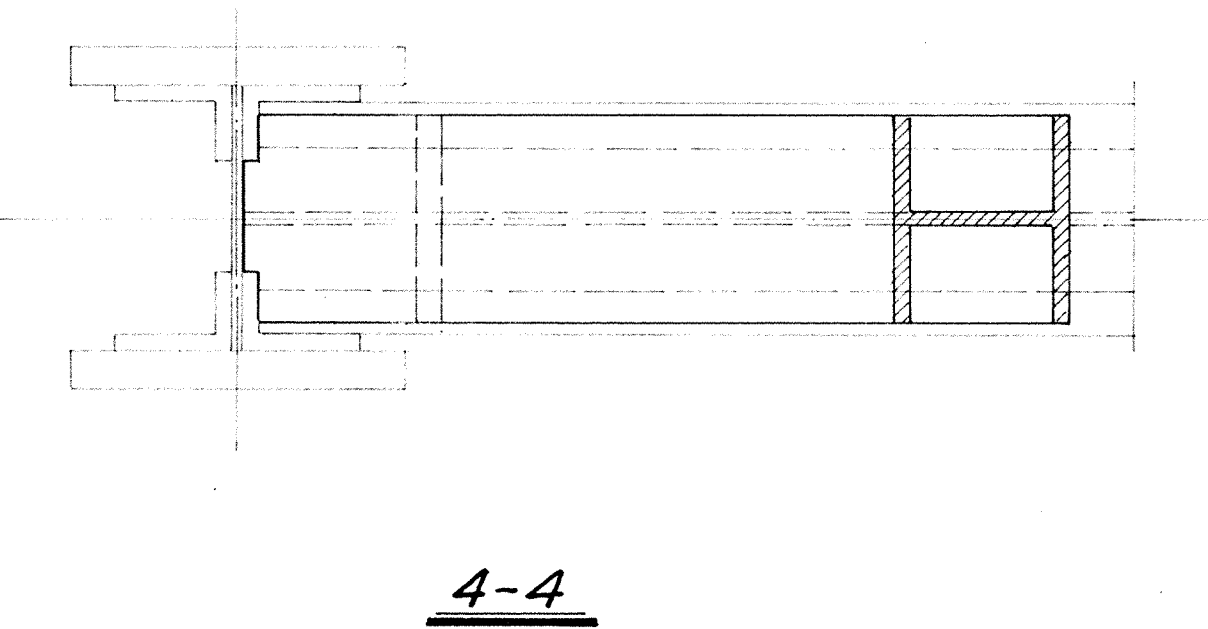
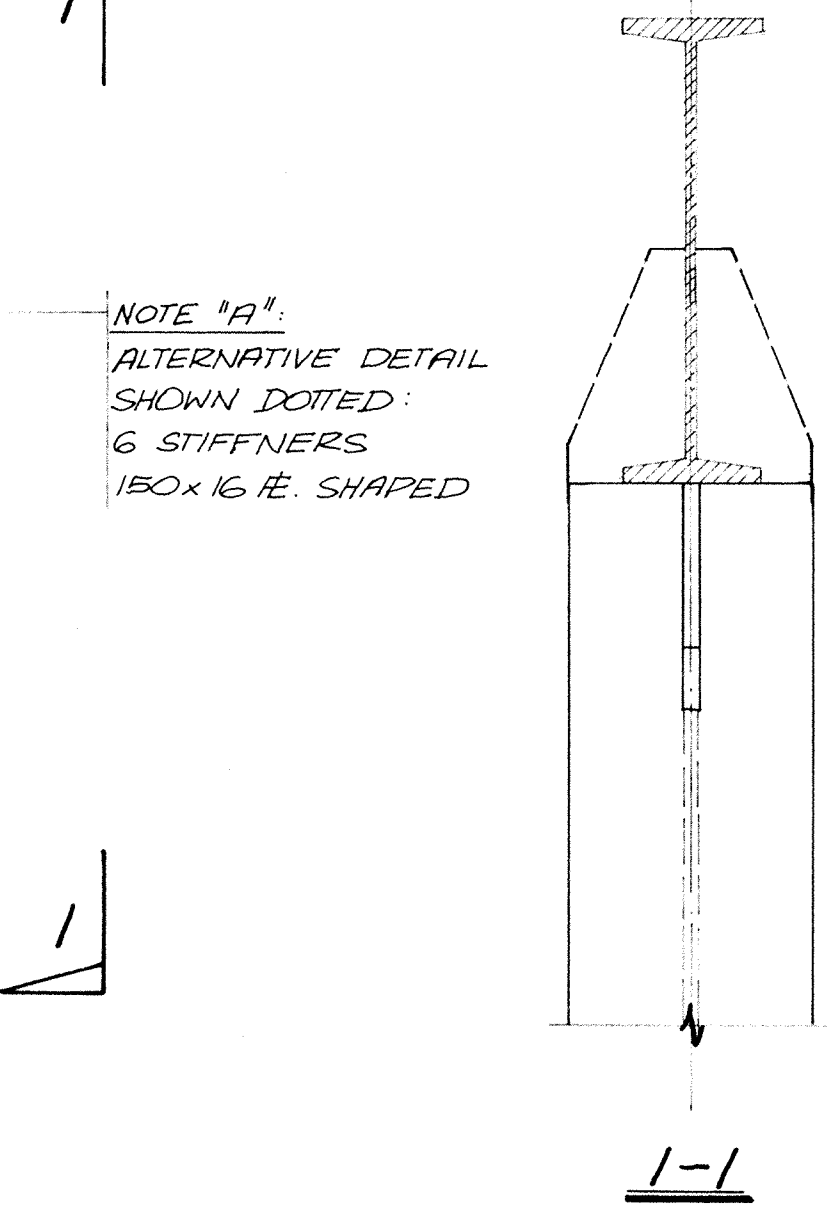
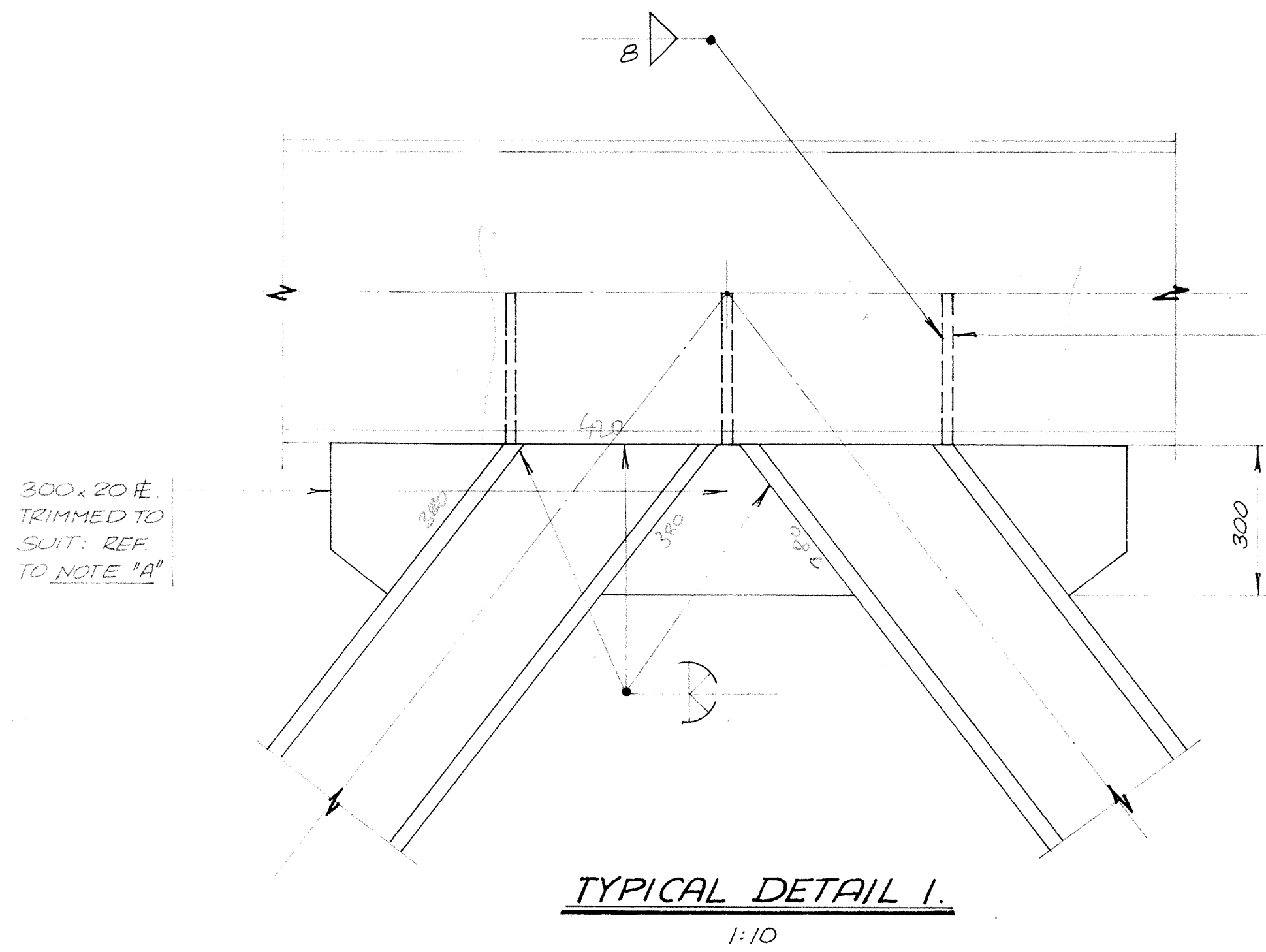
DWG TITLE
**PROPOSED TOWER
BRACING ELEVATIONS.**

DRAWN	M.C.	SCALES
CHECKED		AS SHOWN.
APP'D		DWG NO
DATE		70368-2

CONTRACTORS MUST VERIFY ALL DIMENSIONS AT THE JOB BEFORE COMMENCING ANY WORK OR MAKING ANY SHOP DRAWINGS WHICH MUST BE SUBMITTED AND APPROVED BEFORE MANUFACTURE.

ISSUE	AMENDMENT	BY	DATE
A	GENERAL REVISION	Z.Z.	30.1.79

- NOTES:**
- ALL WELDS TO BE IN ACCORDANCE WITH BS 5135.
 - ALL WELDERS TO BE CERTIFIED TO NZS 4711 WITH A CURRENT CERTIFICATE.
 - ALLOW TO CUT BACK EXISTING CONCRETE FROM WELD POSITIONS NOT LESS THAN 225 mm IN ALL DIRECTIONS.
 - NO WELDING TO BE CARRIED OUT ON STEEL WITH A SURFACE TEMPERATURE LESS THAN 21° C. ALLOW FOR PRE-HEATING WHERE NECESSARY.
 - ELECTRODES TO BE "ALL POSITIONS MILD STEEL".
 - ALLOW FOR TEMPORARY FUME EXTRACTION FACILITIES AT ALL WELD POSITIONS.
 - NON DESTRUCTIVE TESTING - ALLOW FOR 25% INSPECTION RATE FOR ALL WELDS IN THE TOWER USING ULTRASONIC TESTING.
 - ON COMPLETION AND APPROVAL OF WELDS CASING TO BE RE-INSTATED WITH 30 MPa CONCRETE.
 - ALL STEEL TO BE PAINTED WITH ONE COAT OF RED LEAD PRIMER FOLLOWED BY ONE COAT OF EACH UNDERCOAT AND FINISHING COAT.
 - ALL BUTT WELD TO BE FULL STRENGTH BUTT WELDS.



BRH **ACENZ**

BRICKELL MOSS RANKINE & HILL
CONSULTING ENGINEERS
REGISTERED SURVEYORS

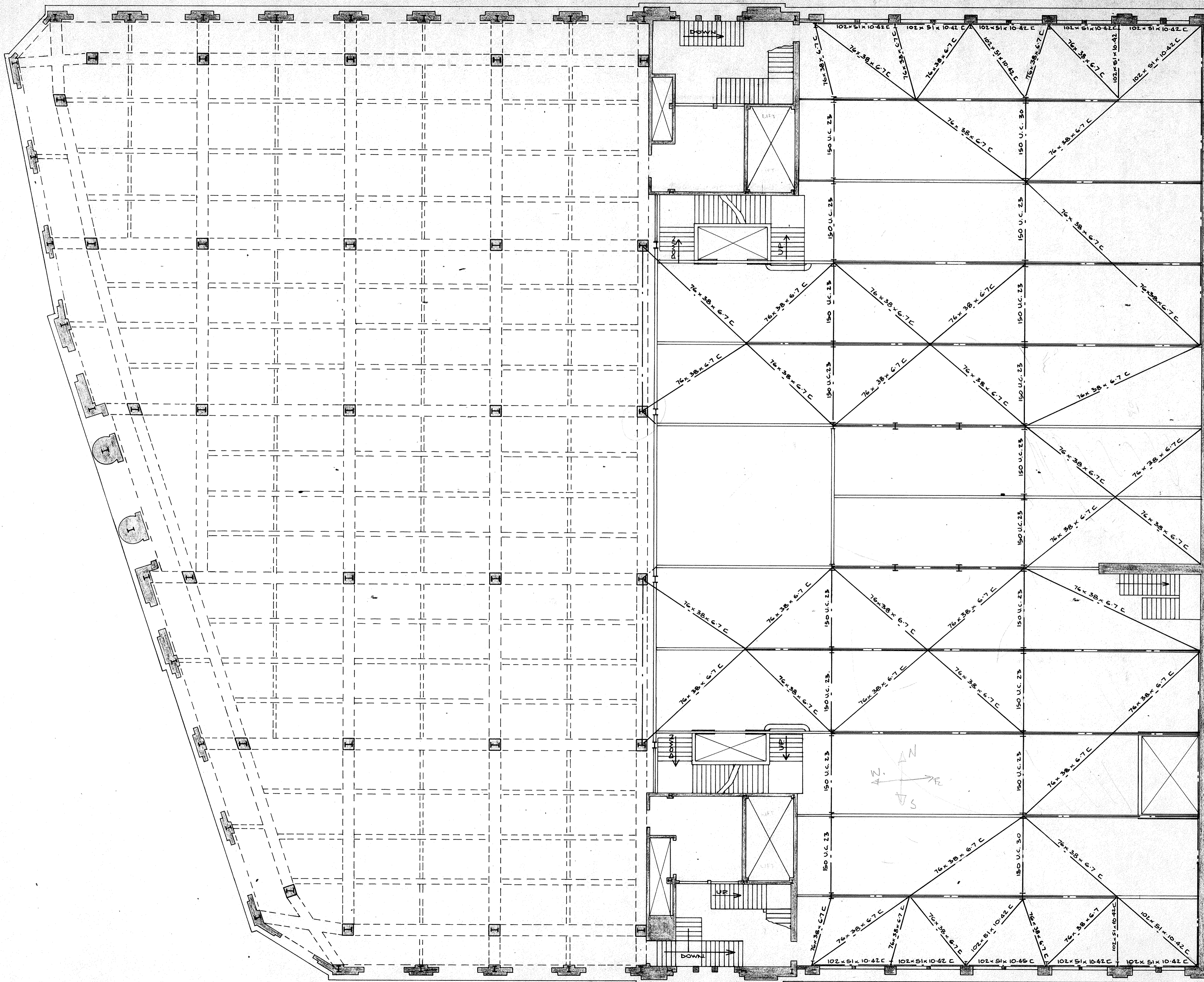
- WELLINGTON SHELL HOUSE, THE TERRACE.
- LOWER HUTT 7 DALY ST.
- AUCKLAND 43 HIGH ST.
- DUNEDIN O.S.B. BUILDING, GEORGE ST.
- LEVIN 30 QUEEN ST.
- PARAPARAUMU BRAZIER'S BUILDING, AMOHIA ST.

JOB TITLE
**D. I. C.
STRENGTHENING**

DWG TITLE
TYPICAL BRACING JOINTS

DRAWN Z.Z.	SCALES AS SHOWN
CHECKED	
APP'D	DWG NO
DATE	7036B-3A

BRANDON ST



PANAMA ST

CONTRACTORS MUST VERIFY ALL DIMENSIONS AT THE JOB BEFORE COMMENCING ANY WORK OR MAKING ANY SHOP DRAWINGS WHICH MUST BE SUBMITTED AND APPROVED BEFORE MANUFACTURE.

ISSUE	AMENDMENT	BY	DATE
A	BRACES DELETED	M.C	13/12/78
B	STEEL COLUMN SOUTH WALL SITE CHANGED	SGM	

- NOTES:
1. CONNECTION DETAILS BETWEEN TOWER AND ANNEX TO BE DETERMINED WHEN JUNCTIONS ARE UNCOVERED DURING STRENGTHENING.
 2. FOR BRACING IN TOWER BLOCK REFER TO DWGS 70368-1.
 3. ALL HORIZONTAL CROSS BRACING TO BE ATTACHED TO UNDERSIDE OF FLOOR JOISTS WITH 12mm COACH SCREWS.
 4. ALL NEW STEEL COLUMNS ADJACENT TO NORTH AND SOUTH WALLS TO BE 150 UC 23
 5. ALL NEW STEEL COLUMNS AND BEAMS ADJACENT TO NORTH, SOUTH & EAST WALLS TO BE CONNECTED TO WALLS BY 16 DIA DUPLEX STUD ANCHORS SPACED AT 500 CRS AS SHOWN ON DWG 7.

WORKS DEPARTMENT
BUILDING INSPECTION BRANCH
1 JUN 1979
RECEIVED
WATER STREET, WELLINGTON

COPIES _____ DATE _____

RECEIVED
WATER STREET, WELLINGTON

BRM
RH

BRICKELL MOSS RANKINE & HILL
CONSULTING ENGINEERS
REGISTERED SURVEYORS

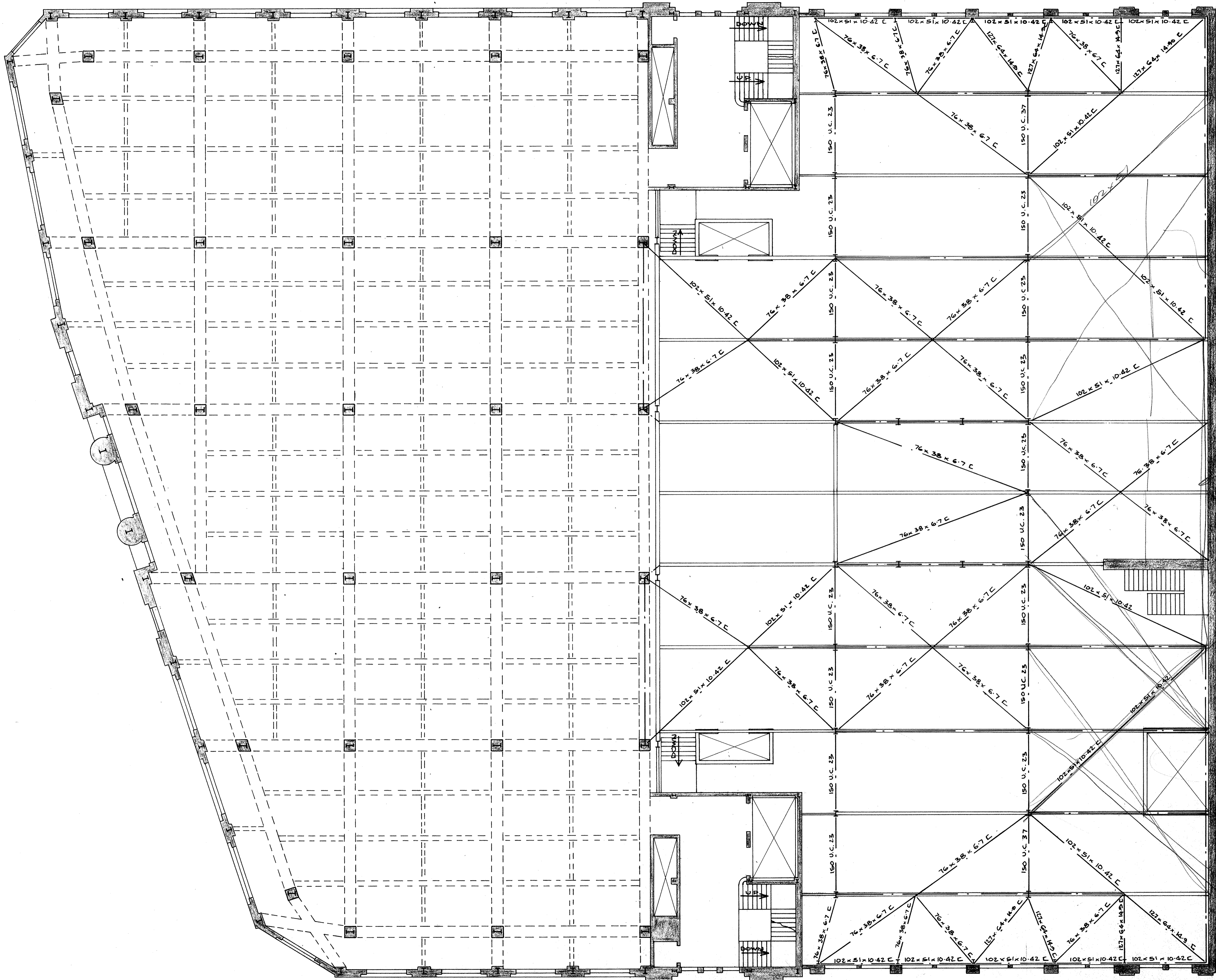
- WELLINGTON SHELL HOUSE, THE TERRACE.
- LOWER HUTT 7 DALY ST.
- AUCKLAND 43 HIGH ST.
- DUNEDIN O.S.B. BUILDING, GEORGE ST.
- LEVIN 30 QUEEN ST.
- PARAPARAUMU BRAZILIERS BUILDING, AMOHIA ST.

JOB TITLE
D.I.C.
STRENGTHENING.

DWG TITLE
PROPOSED ANNEX
BRACING LAYOUT.
1st FLOOR.

DRAWN M.C.	SCALES
CHECKED	1:100
APP'D	DWG NO
DATE	70368-4B

BRANDON ST.



PANAMA ST.

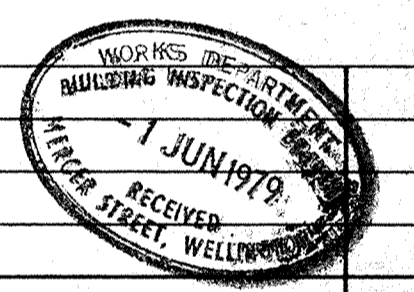
CONTRACTORS MUST VERIFY ALL DIMENSIONS AT THE JOB BEFORE COMMENCING ANY WORK OR MAKING ANY SHOP DRAWINGS WHICH MUST BE SUBMITTED AND APPROVED BEFORE MANUFACTURE.

ISSUE	AMENDMENT	BY	DATE

FOR GENERAL NOTES SEE DWG 4.

new beam

200 C



COPIES	ISSUED TO	DATE



BRICKELL MOSS RANKINE & HILL
CONSULTING ENGINEERS
REGISTERED SURVEYORS

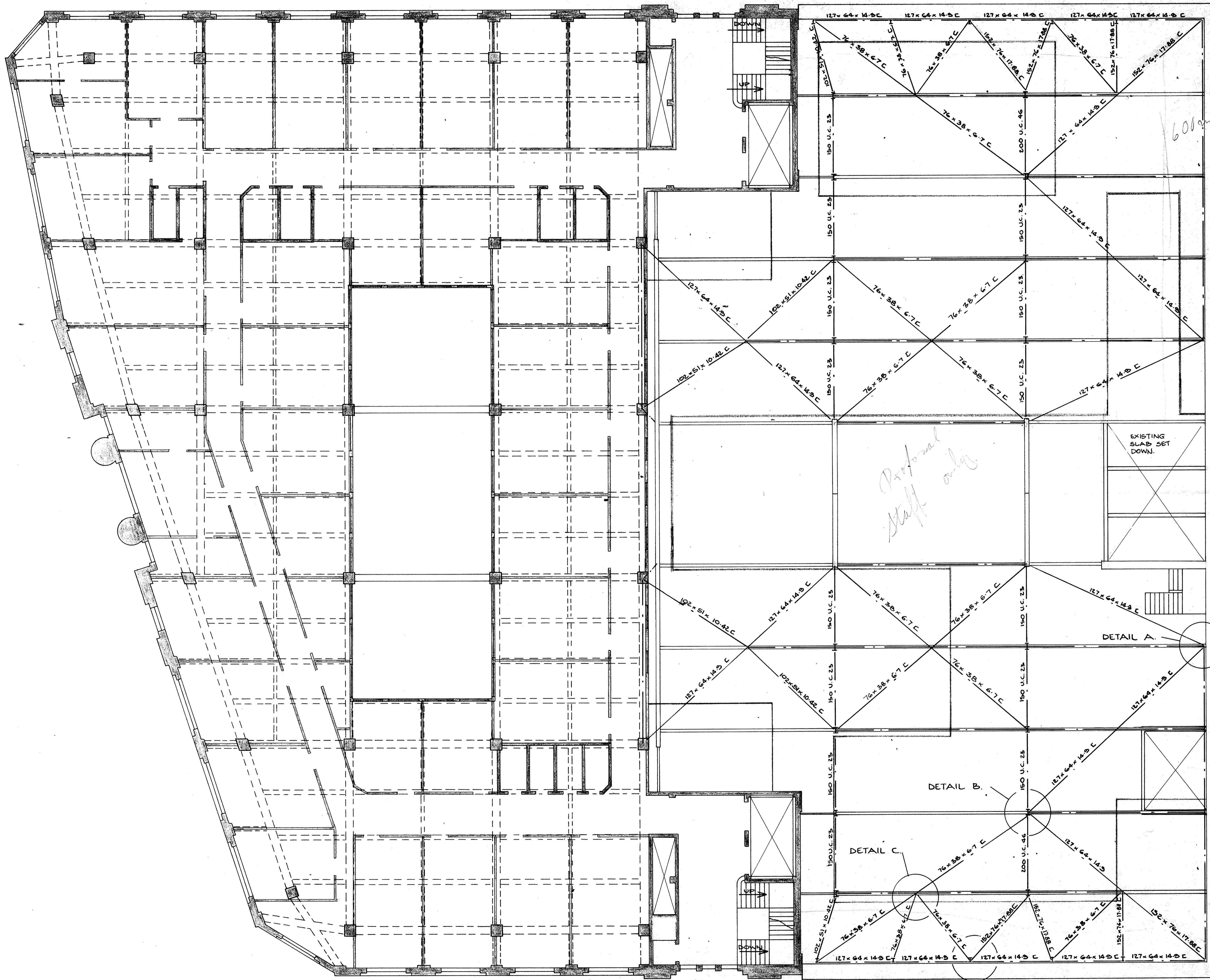
- WELLINGTON SHELL HOUSE, THE TERRACE.
- AUCKLAND 43 HIGH ST.
- DUNEDIN O.S.B. BUILDING, GEORGE ST.
- LEVIN 30 QUEEN ST.
- PARAPARAUMU BRAZILIERS BUILDING, AMOHIA ST.

JOB TITLE
D.I.C.
STRENGTHENING.

DWG TITLE
PROPOSED ANNEX
BRACING LAYOUT.
2nd FLOOR.

DRAWN	M.C.	SCALES
CHECKED		1:100
APP'D		DWG NO.
DATE		70368-5.

BRANDON ST.

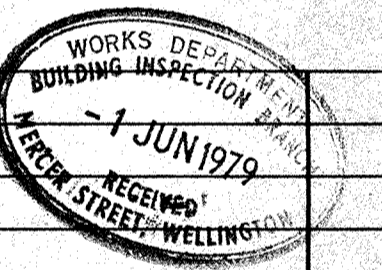


PANAMA ST.

CONTRACTORS MUST VERIFY ALL DIMENSIONS AT THE JOB BEFORE COMMENCING ANY WORK OR MAKING ANY SHOP DRAWINGS WHICH MUST BE SUBMITTED AND APPROVED BEFORE MANUFACTURE.

ISSUE	AMENDMENT	BY	DATE
A	BRACES ALTERED	M.C.	13/12/78

FOR GENERAL NOTES SEE DWG 4.



COPIES ISSUED TO DATE

BR
RH

BRICKELL MOSS RANKINE & HILL
CONSULTING ENGINEERS
REGISTERED SURVEYORS

- WELLINGTON SHELL HOUSE, THE TERRACE.
- LOWER HUTT 7 DALY ST.
- AUCKLAND 43 HIGH ST.
- DUNEDIN O.S.B. BUILDING, GEORGE ST.
- LEVIN 30 QUEEN ST.
- PARAPARAUMU BRAZIER'S BUILDING, AMOHA ST.

JOB TITLE
D.I.C.
STRENGTHENING.

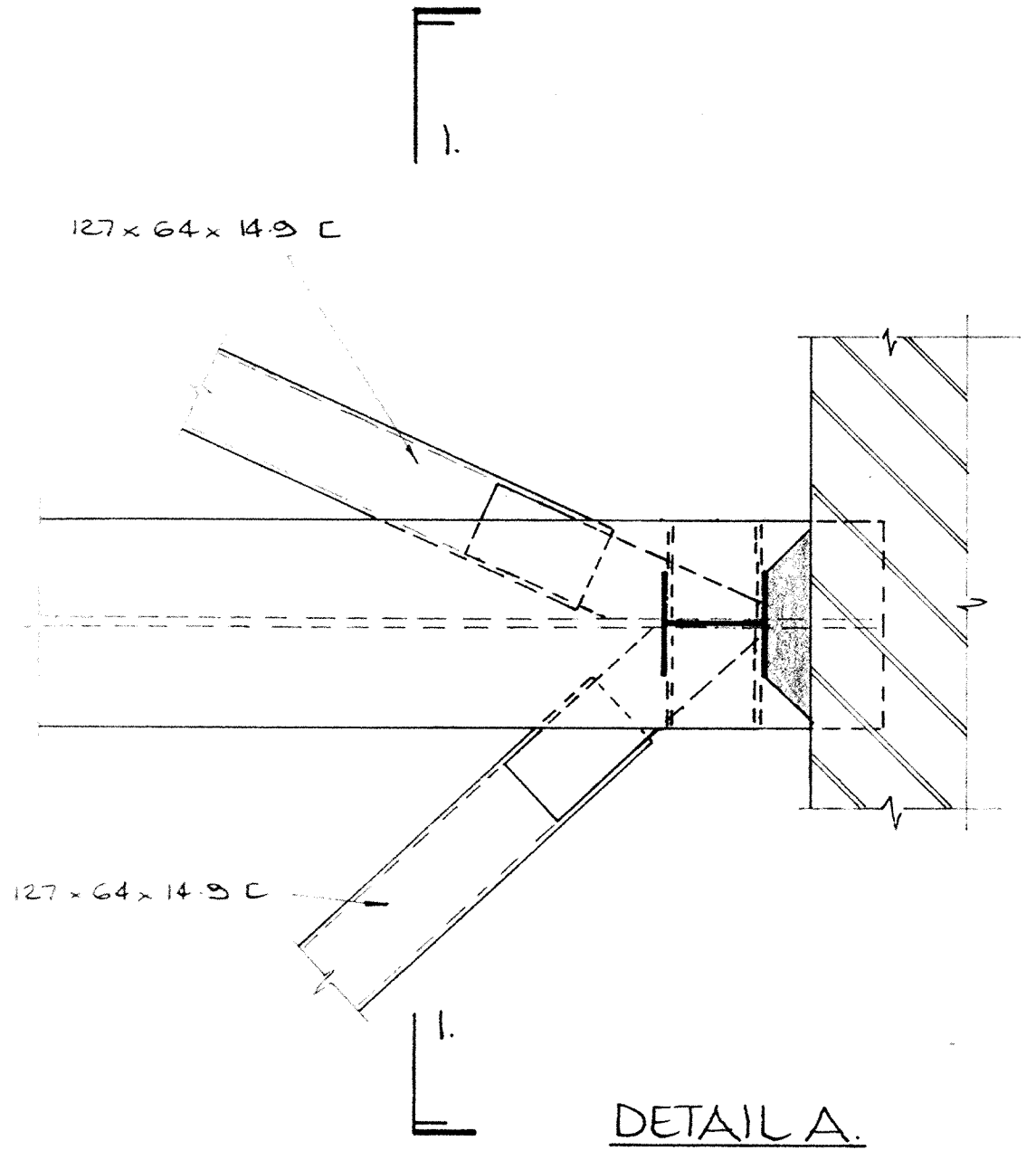
DWG TITLE
PROPOSED ANNEX
BRACING LAYOUT.
ROOF.

DRAWN M.C.	SCALES 1" = 100
CHECKED	DWG NO 70368-GA
APP'D	DATE

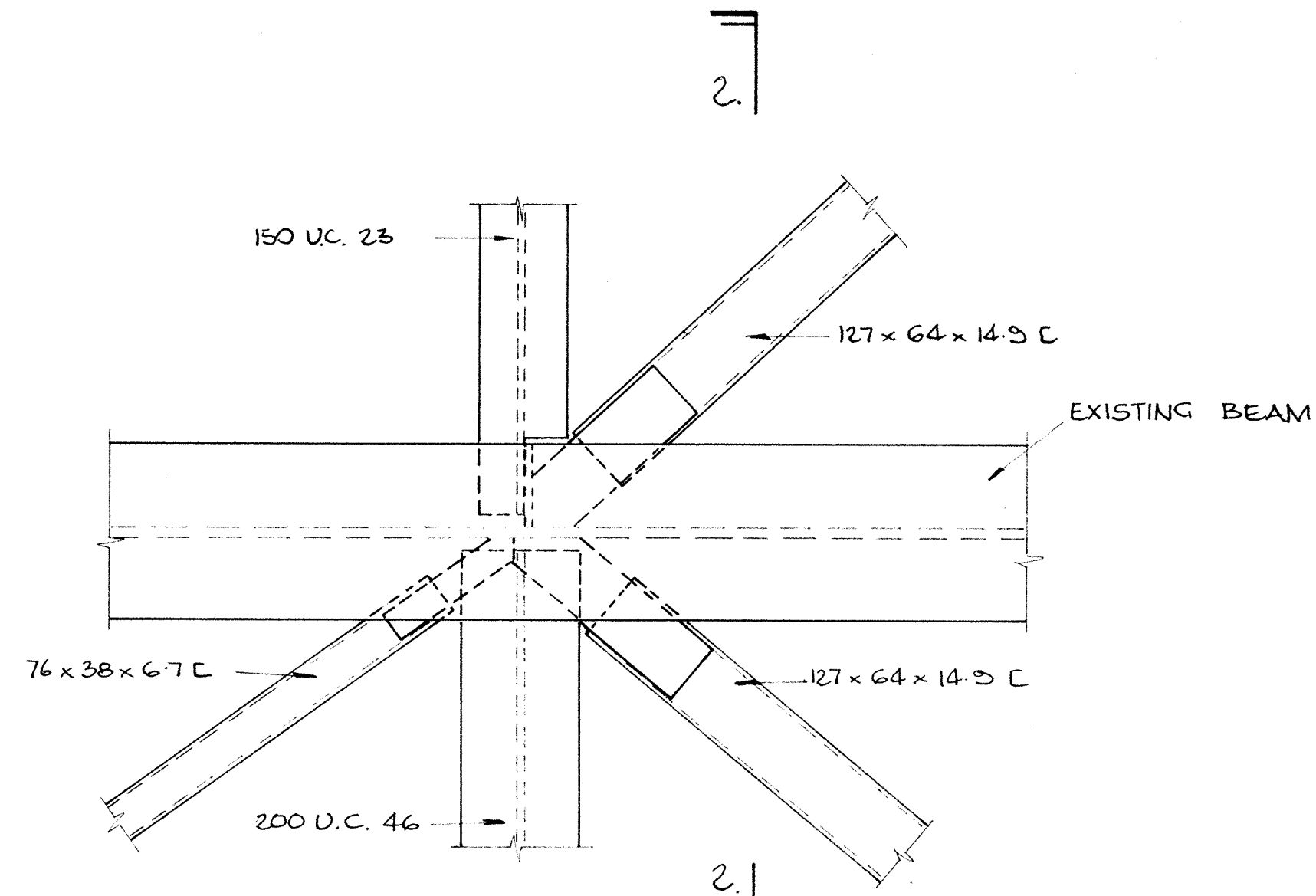
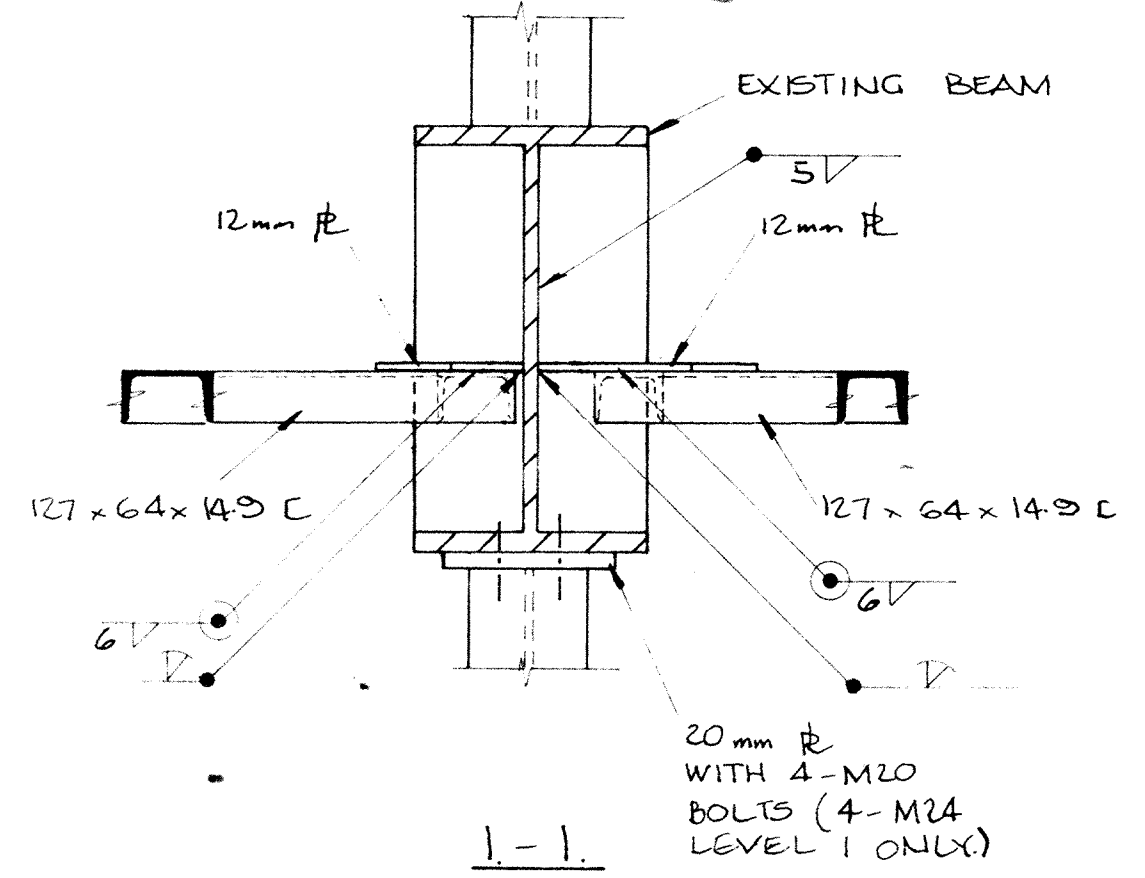
CONTRACTORS MUST VERIFY ALL DIMENSIONS AT THE JOB BEFORE COMMENCING ANY WORK OR MAKING ANY SHOP DRAWINGS WHICH MUST BE SUBMITTED AND APPROVED BEFORE MANUFACTURE.

ISSUE	AMENDMENT	BY	DATE
A	DETAIL ADDED	M.C.	
B	DETAIL DELETED	BOM	

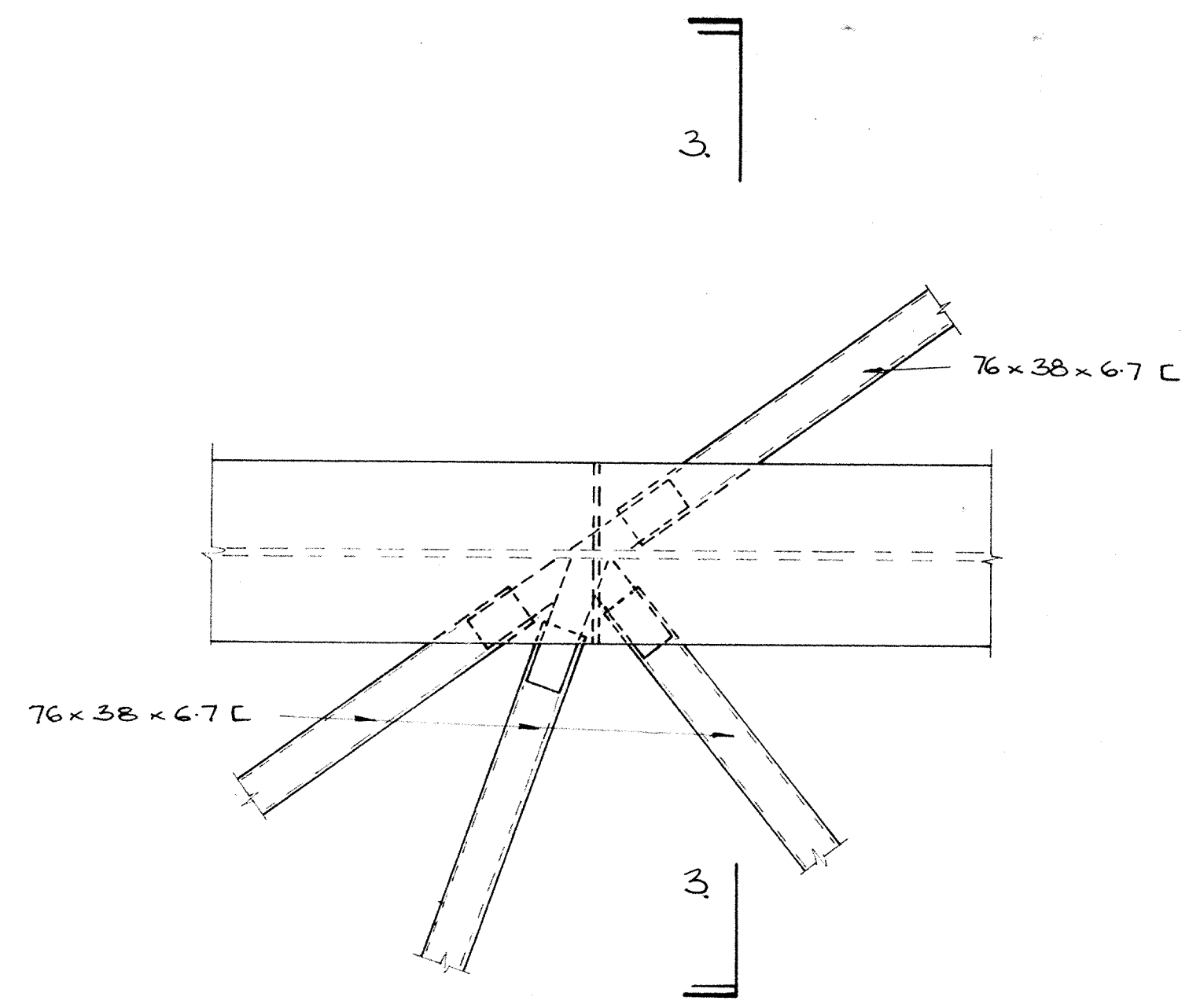
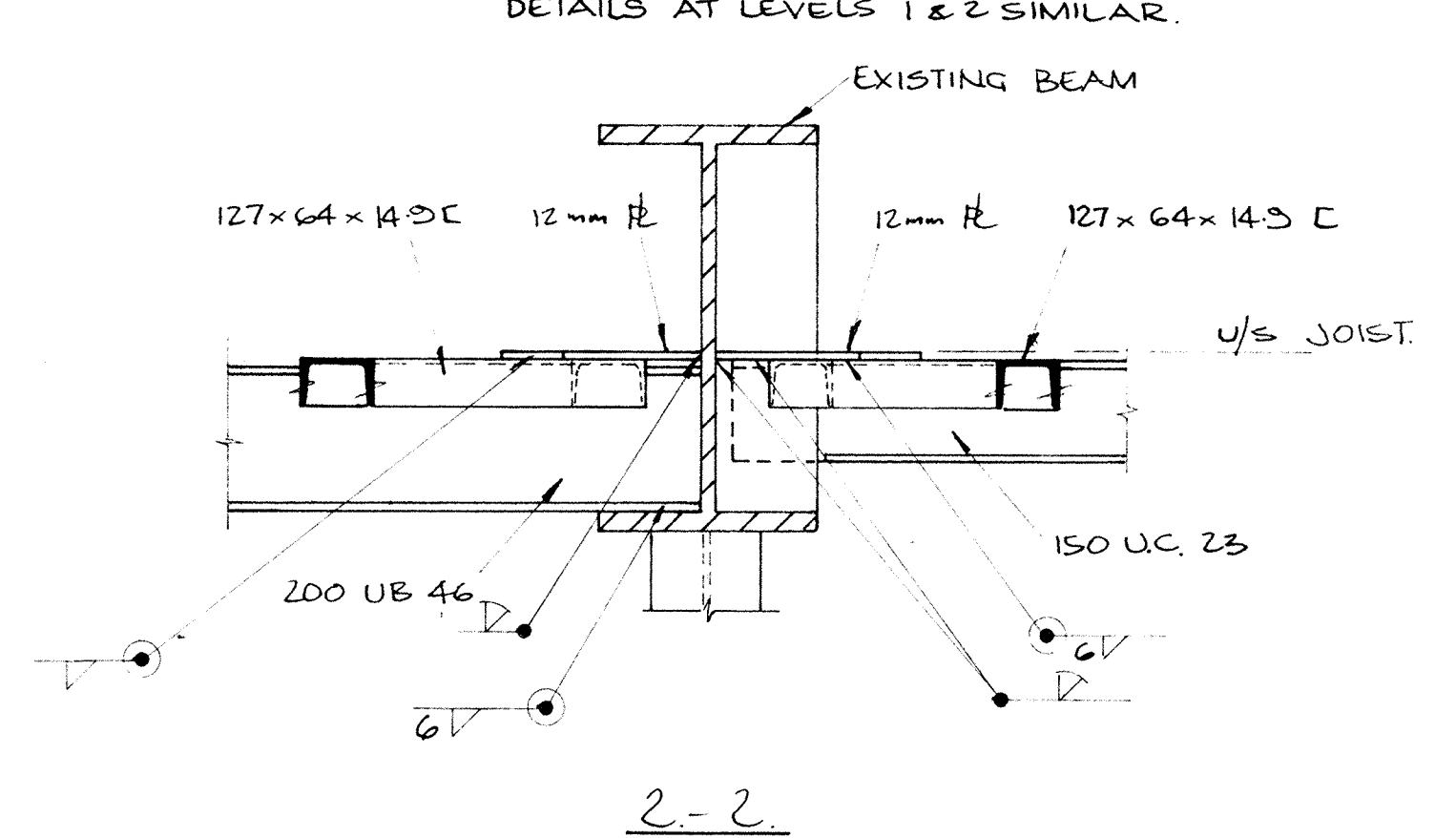
FOR GENERAL NOTES SEE DWG 4.



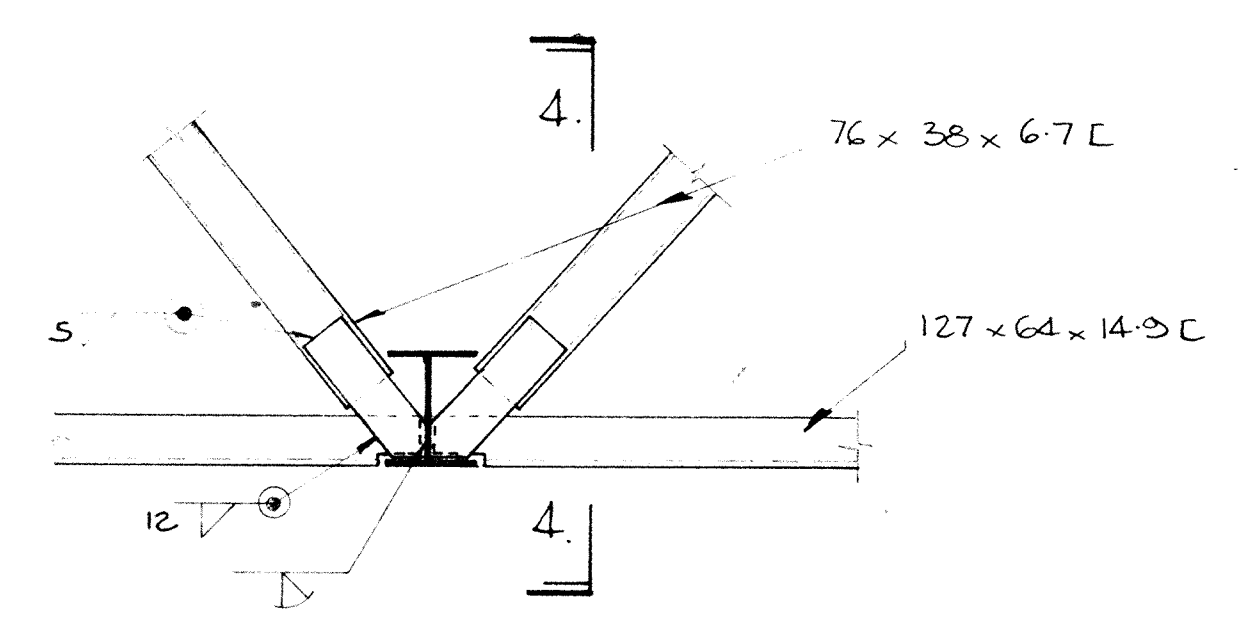
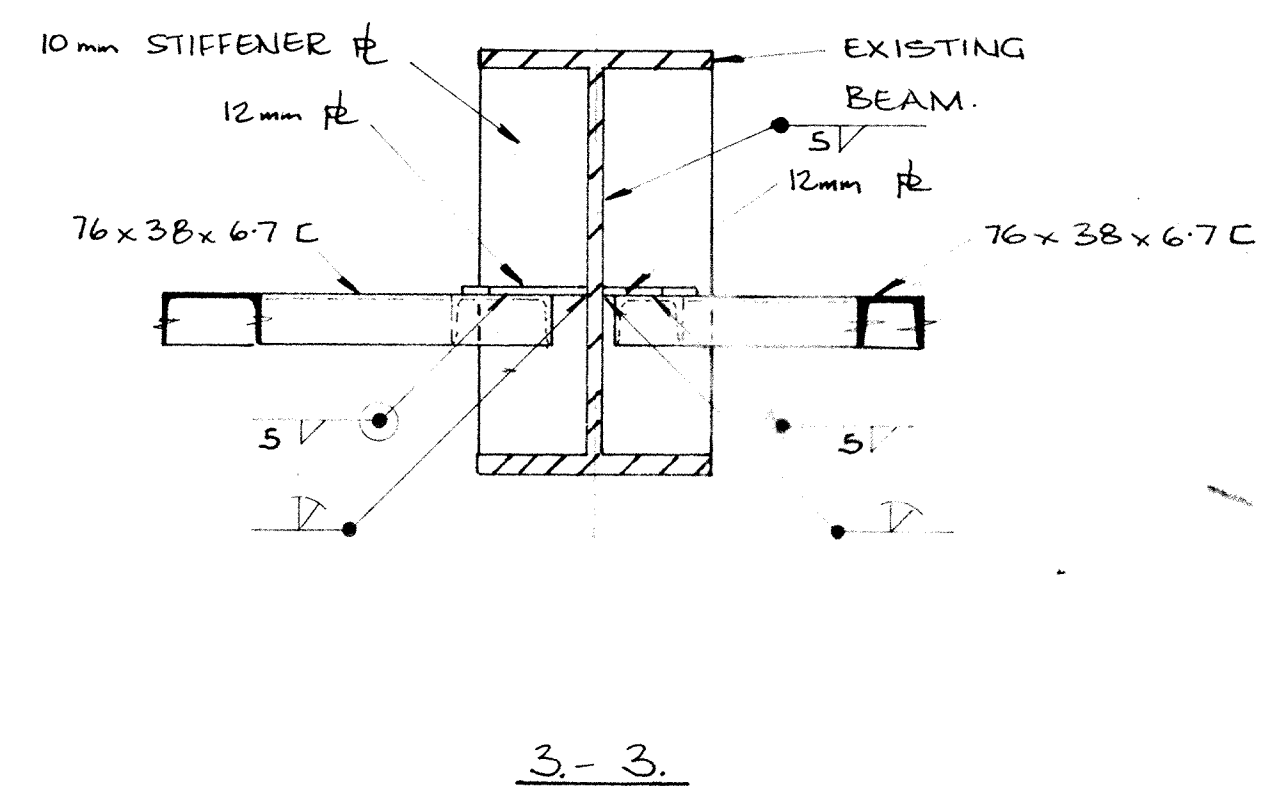
DETAIL A



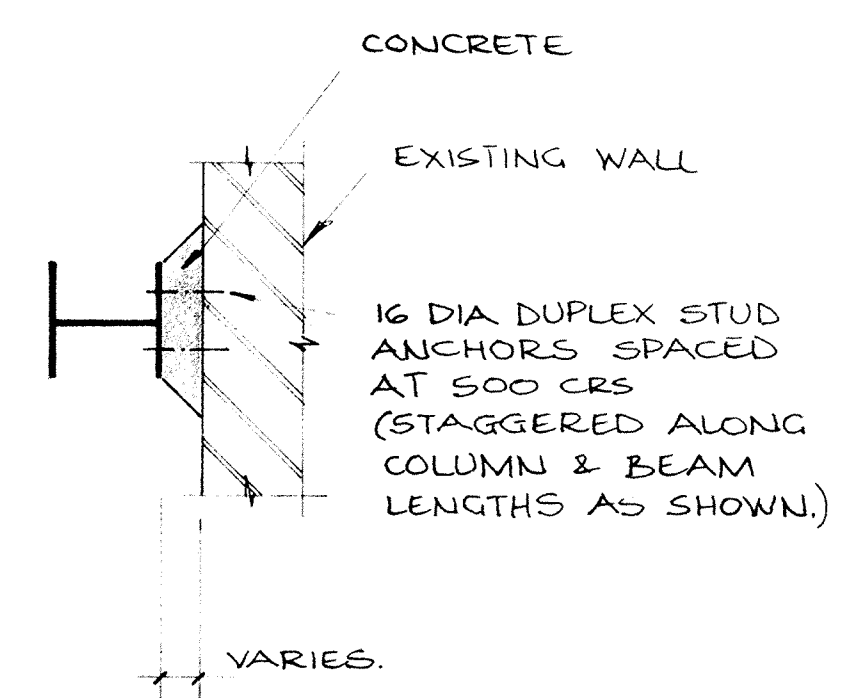
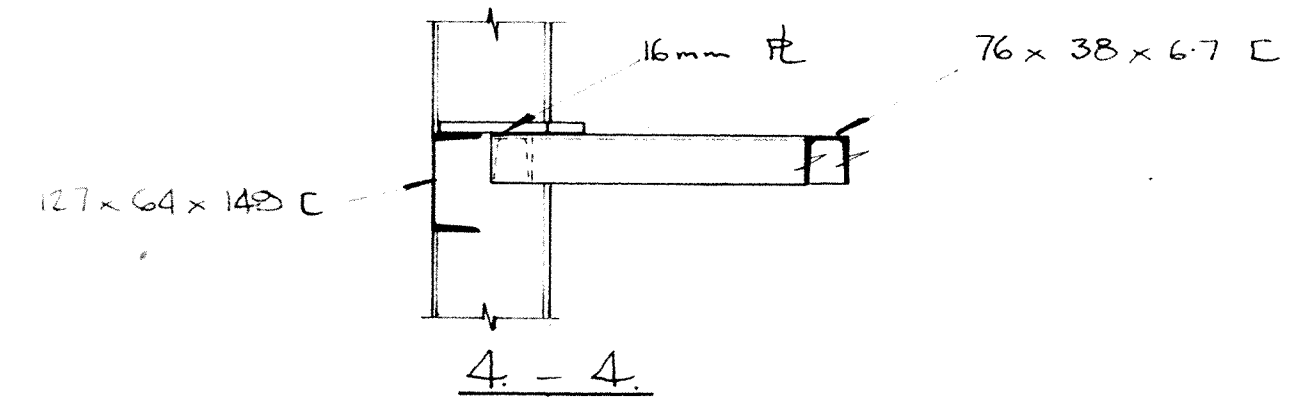
DETAIL B



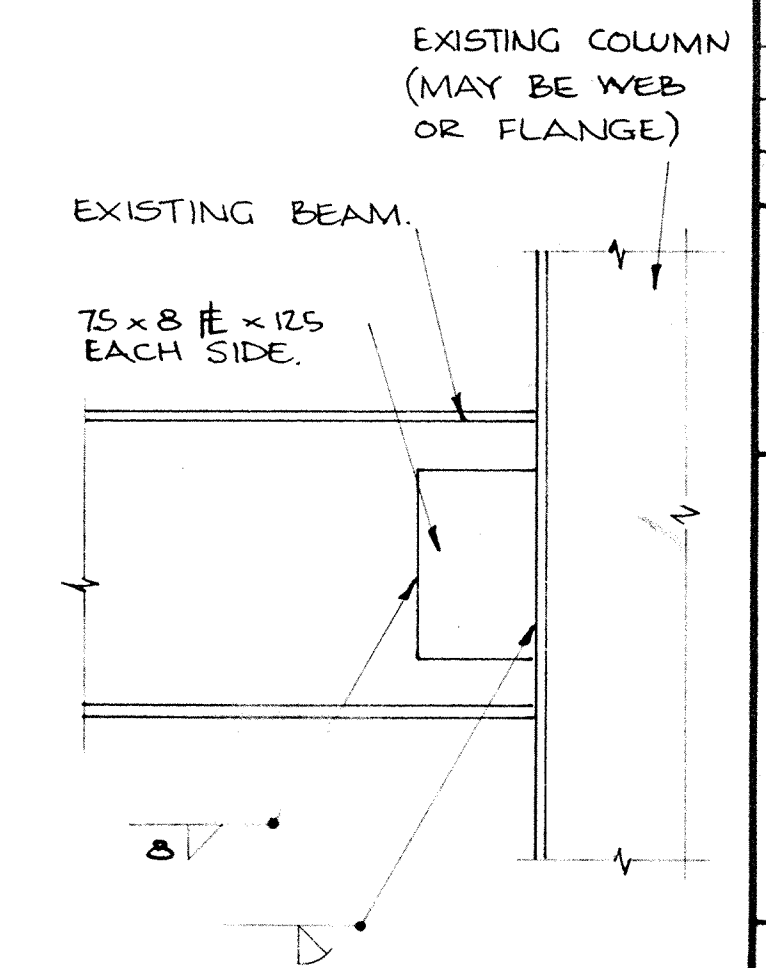
DETAIL C



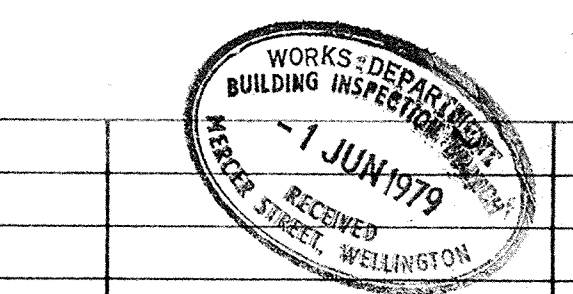
DETAIL D



TYPICAL CONNECTION OF COLUMNS AND BEAMS TO NORTH, SOUTH AND EAST WALLS.



CONNECTION BETWEEN EXISTING BEAMS AND EXISTING COLUMNS. 1:5



COPIES	ISSUED TO	DATE



BRICKELL MOSS RANKINE & HILL
CONSULTING ENGINEERS
REGISTERED SURVEYORS

- WELLINGTON SHELL HOUSE, THE TERRACE.
- LOWER HUTT 7 DALY ST.
- AUCKLAND 43 HIGH ST.
- DUNEDIN O.S.B. BUILDING, GEORGE ST.
- LEVIN 30 QUEEN ST.
- PARAPARAUMU BRAZIER'S BUILDING, AMOHIA ST.

JOB TITLE
D.I.C.
STRENGTHENING,

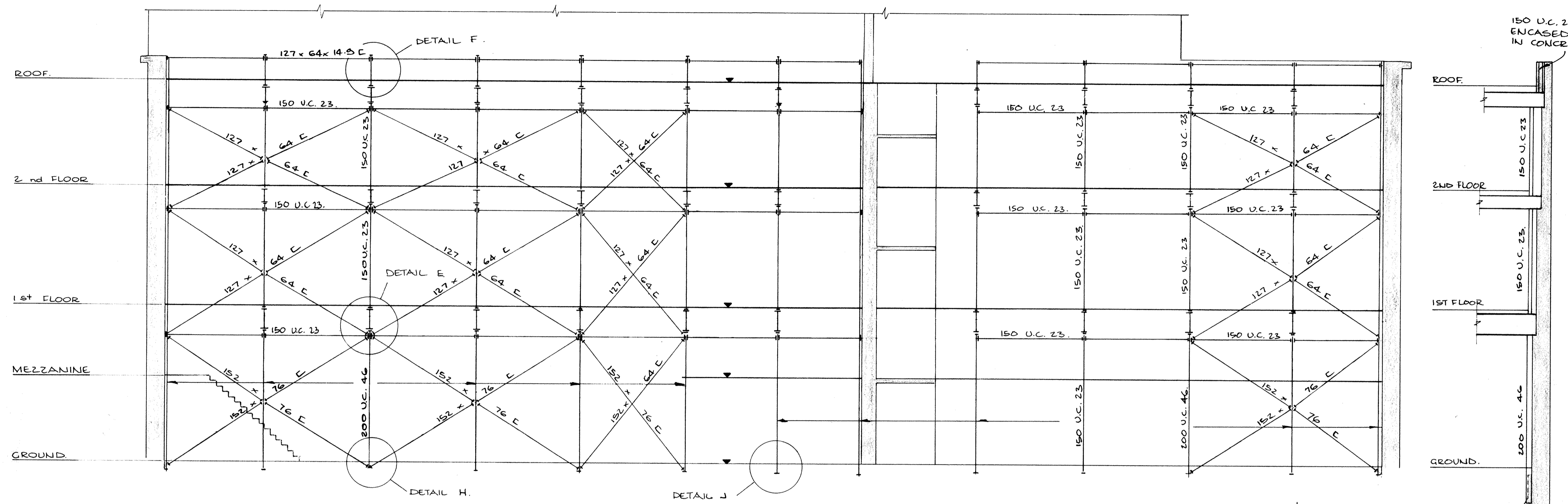
DWG TITLE
TYPICAL ANNEX BRACING JOINTS. (ROOF)

DRAWN	M.C.	SCALES
CHECKED		1:10
APP'D		DWG NO
DATE		70368-7.B

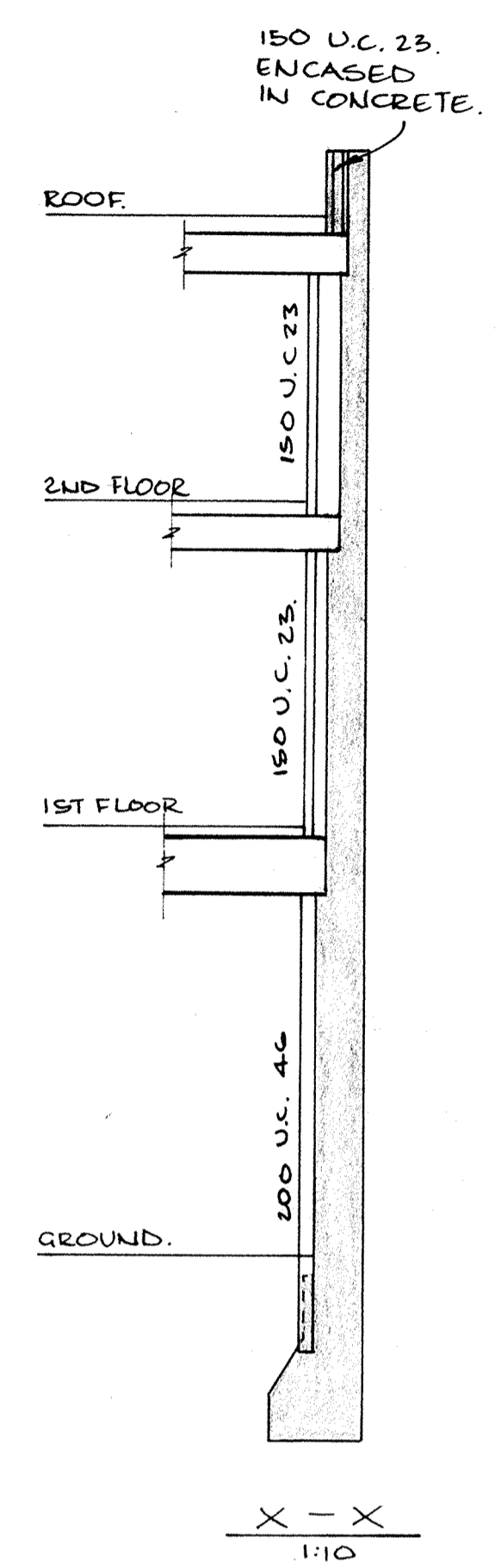
CONTRACTORS MUST VERIFY ALL DIMENSIONS AT THE JOB BEFORE COMMENCING ANY WORK OR MAKING ANY SHOP DRAWINGS WHICH MUST BE SUBMITTED AND APPROVED BEFORE MANUFACTURE.

ISSUE	AMENDMENT	BY	DATE

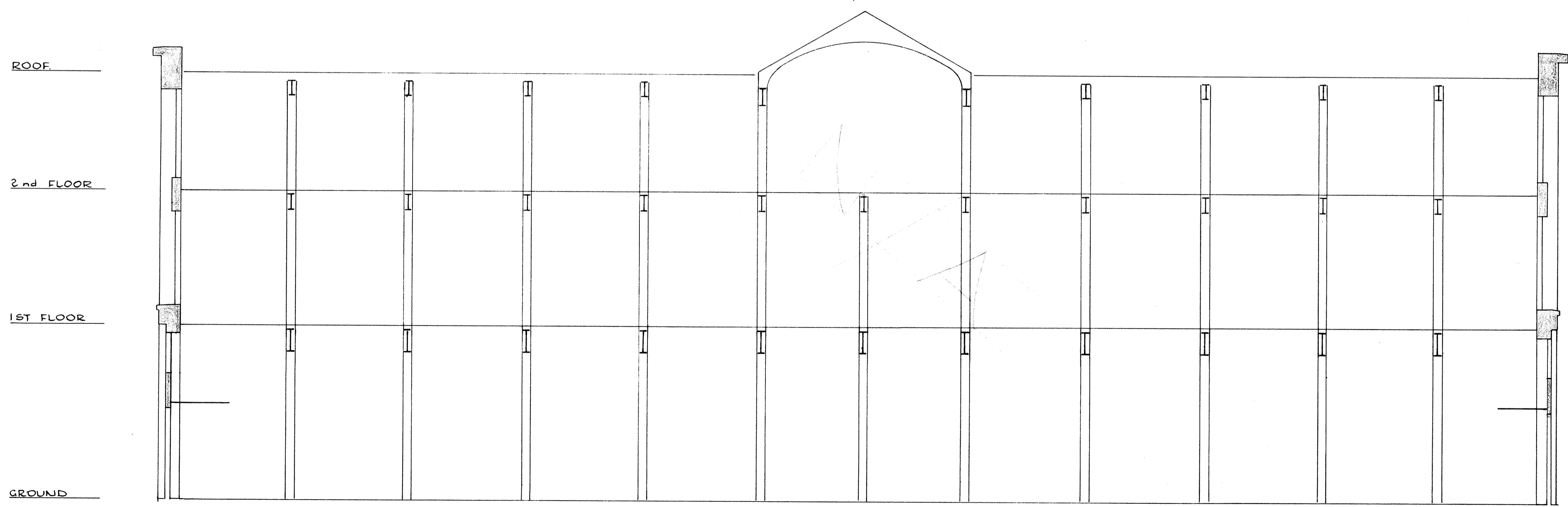
FOR GENERAL NOTE SEE DWG 4.



INTERNAL ELEVATION OF EAST WALL
1:100



X - X
1:10



SECTION THROUGH ANNEX
1:100

COPIES	ISSUED TO	DATE



BRICKELL MOSS RANKINE & HILL
CONSULTING ENGINEERS
REGISTERED SURVEYORS

- WELLINGTON SHELL HOUSE, THE TERRACE.
- LOWER HUTT 7 DALY ST.
- AUCKLAND 43 HIGH ST.
- DUNEDIN O.S.B. BUILDING, GEORGE ST.
- LEVIN 30 QUEEN ST.
- PARAPARAUMU BRAZIER'S BUILDING, AMOHIA ST.

JOB TITLE
D. I. C.
STRENGTHENING.

DWG TITLE
PROPOSED BRACING
ON EAST WALL.

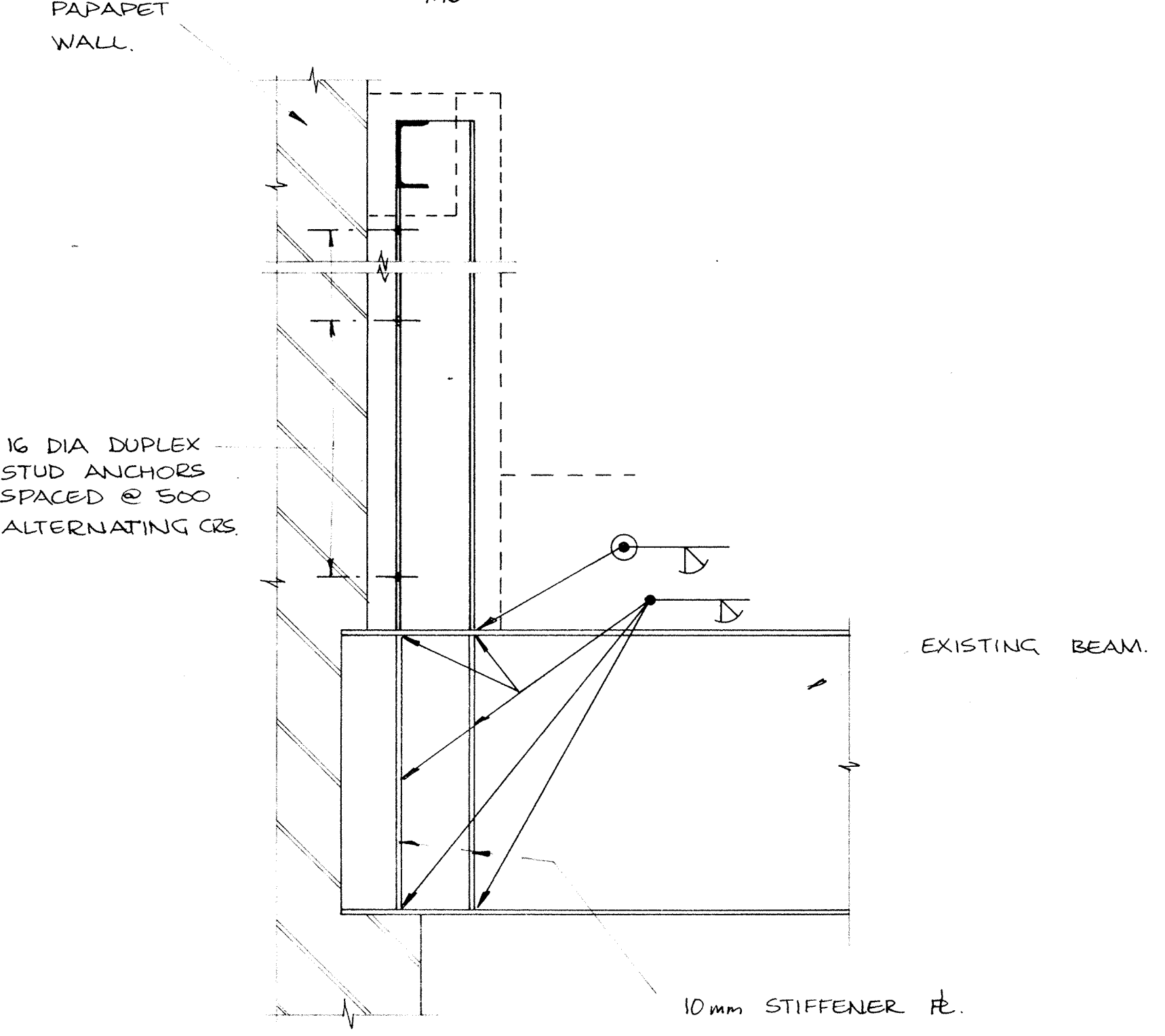
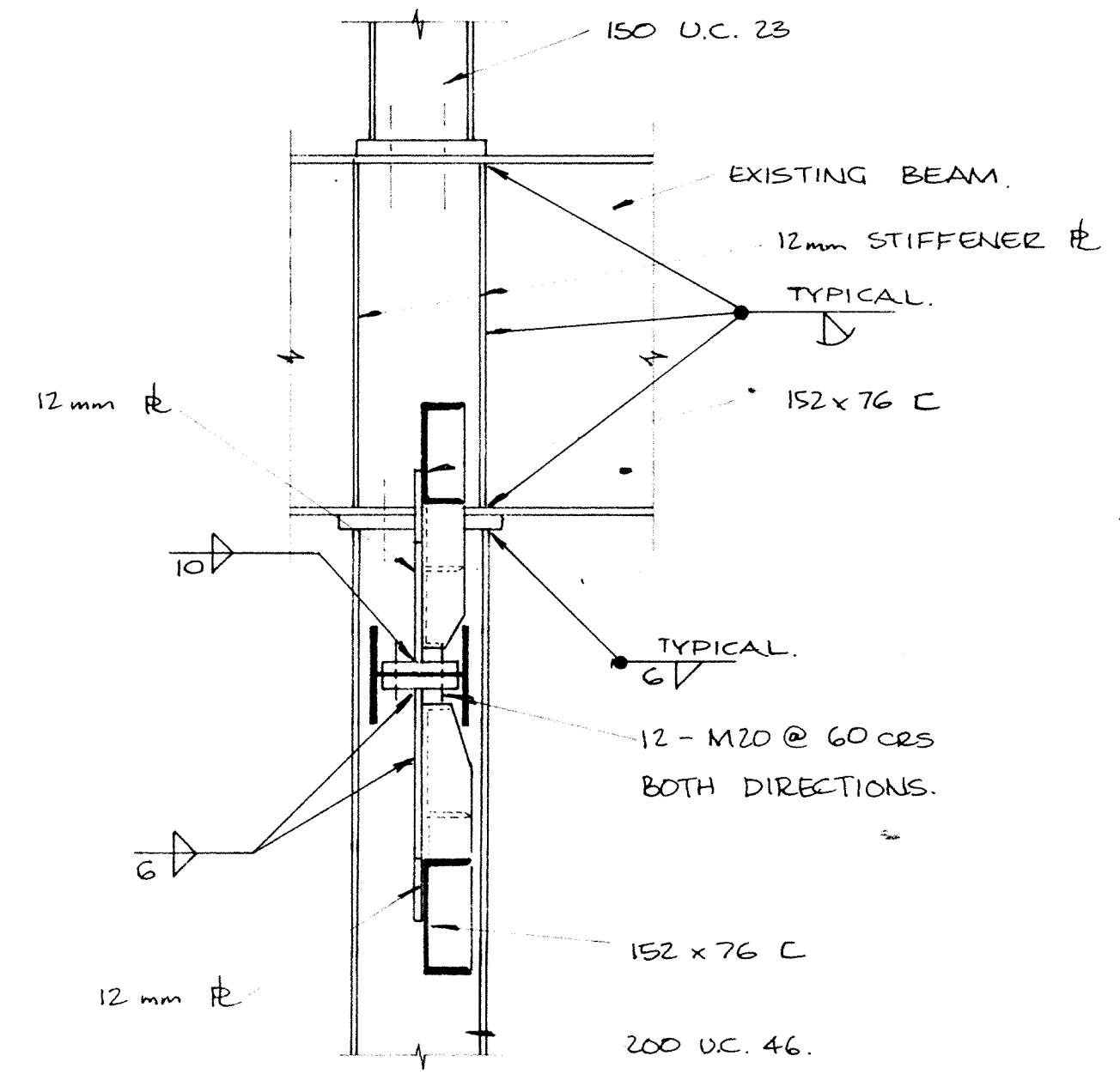
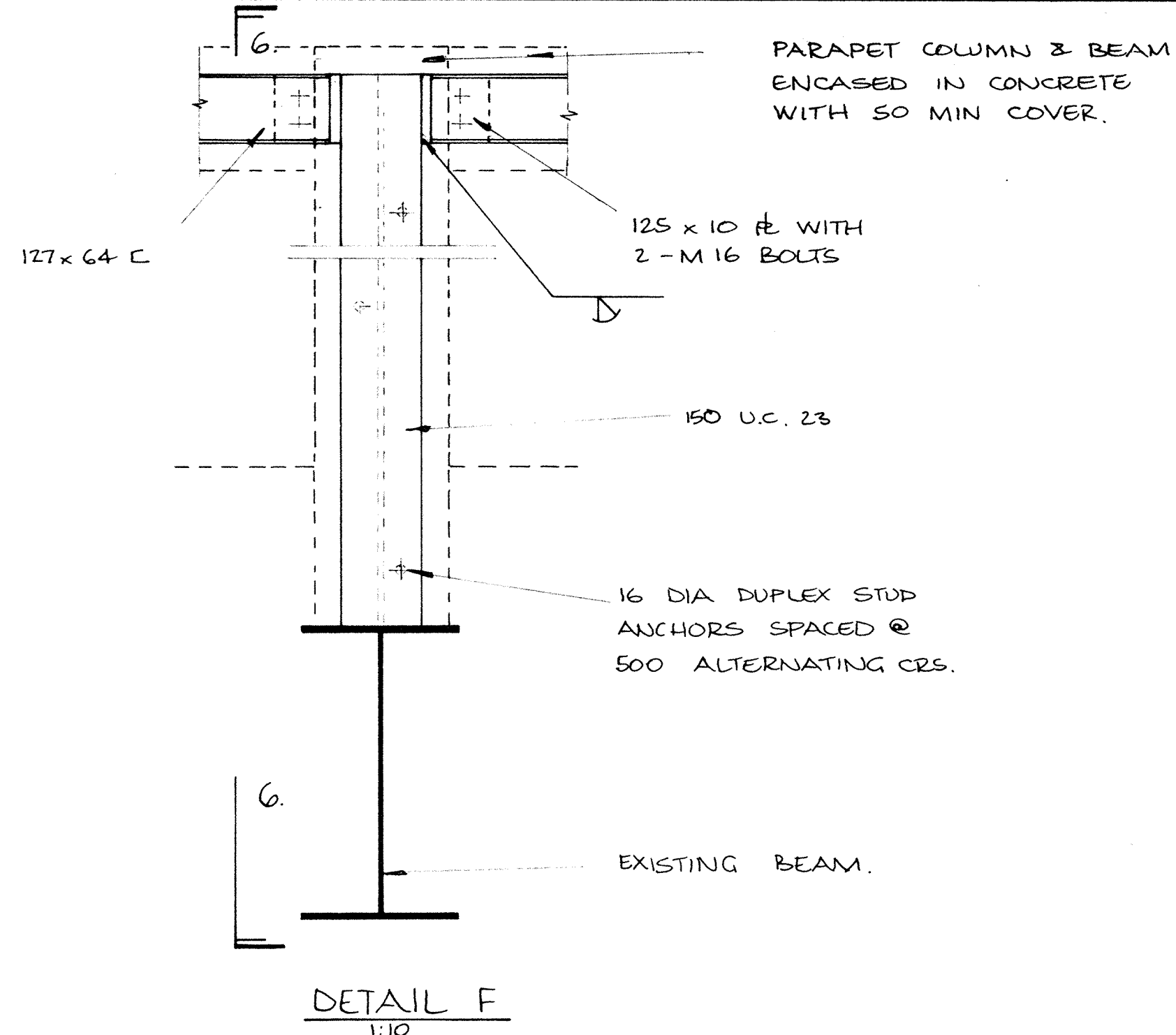
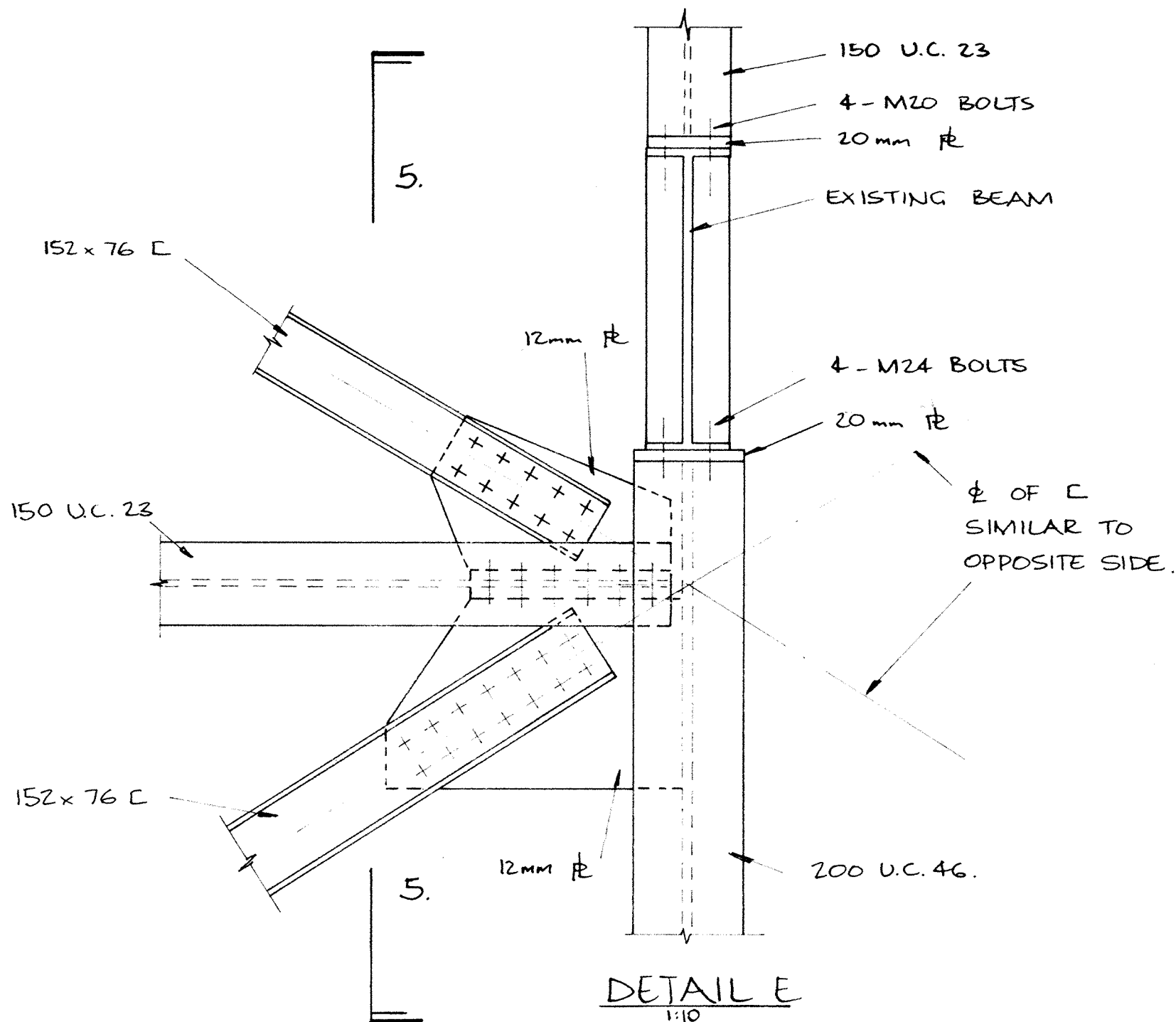
DRAWN M. C.	SCALES AS SHOWN.
CHECKED	DWG NO. 70368-8.
APP'D	DATE

PANAMA ST.

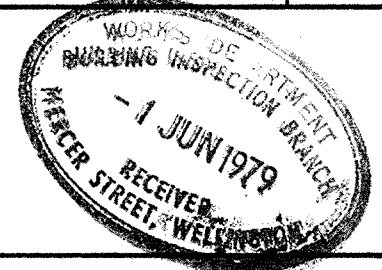
CONTRACTORS MUST VERIFY ALL DIMENSIONS AT THE JOB BEFORE COMMENCING ANY WORK OR MAKING ANY SHOP DRAWINGS WHICH MUST BE SUBMITTED AND APPROVED BEFORE MANUFACTURE.

ISSUE	AMENDMENT	BY	DATE

FOR GENERAL NOTE SEE DWG 4.



COPIES	ISSUED TO	DATE



BRM
BRICKELL MOSS RANKINE & HILL
 CONSULTING ENGINEERS
 REGISTERED SURVEYORS

- WELLINGTON SHELL HOUSE, THE TERRACE.
- LOWER HUTT 7 DALY ST.
- AUCKLAND 43 HIGH ST.
- DUNEDIN O.S.B. BUILDING, GEORGE ST.
- LEVIN 30 QUEEN ST.
- PARAPARAUMU BRAZIER'S BUILDING, AMOHIA ST.

JOB TITLE
 D. I. C.
 STRENGTHENING.

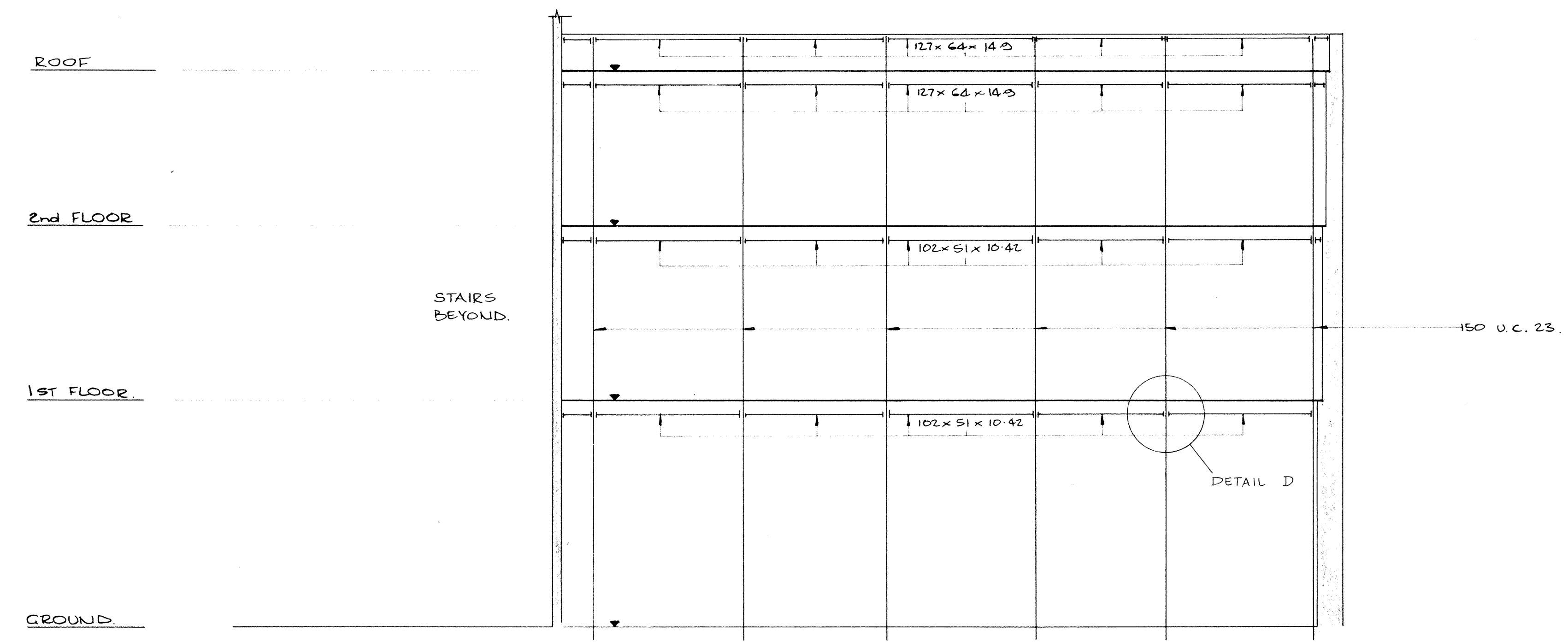
DWG TITLE
 EAST WALL DETAILS.

DRAWN	M. C.	SCALES
CHECKED		AS SHOWN.
APP'D		DWG NO
DATE		70368 - 9

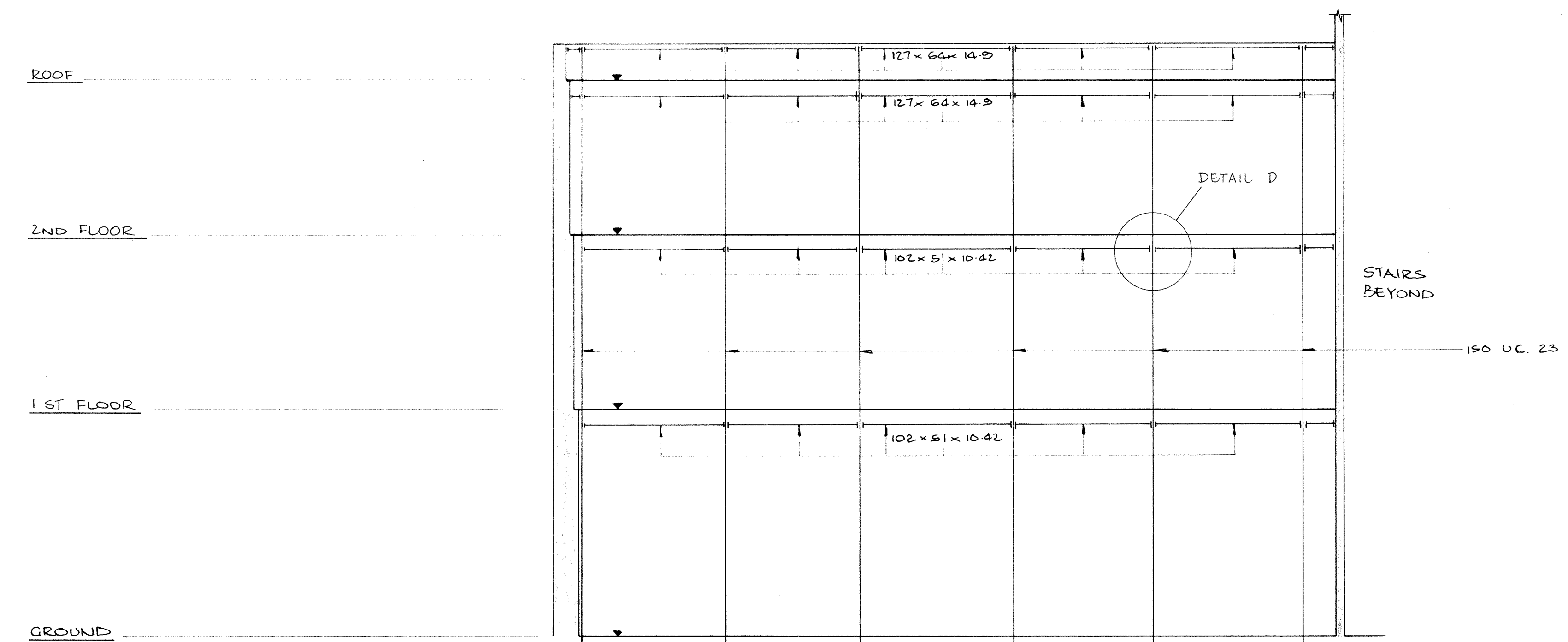
CONTRACTORS MUST VERIFY ALL DIMENSIONS AT THE JOB BEFORE COMMENCING ANY WORK OR MAKING ANY SHOP DRAWINGS WHICH MUST BE SUBMITTED AND APPROVED BEFORE MANUFACTURE.

ISSUE	AMENDMENT	BY	DATE

FOR GENERAL NOTES SEE DWG 4 & 7.

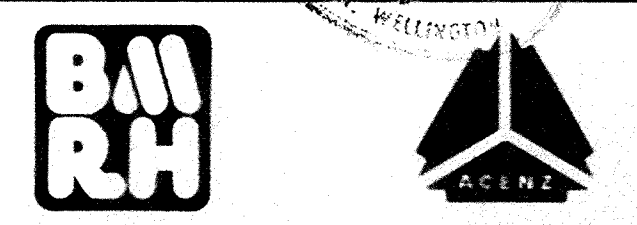
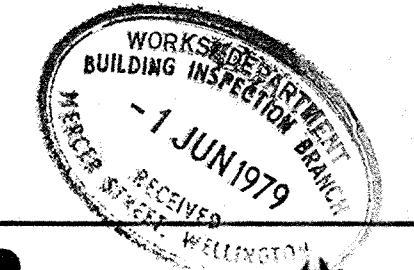


INTERNAL ELEVATION OF NORTH WALL
1:10



INTERNAL ELEVATION OF SOUTH WALL
1:10

COPIES	ISSUED TO	DATE



BRICKELL MOSS RANKINE & HILL
CONSULTING ENGINEERS
REGISTERED SURVEYORS

- WELLINGTON SHELL HOUSE THE TERRACE.
- LOWER HUTT 7 DALY ST.
- AUCKLAND 43 HIGH ST.
- DUNEDIN O.S.B. BUILDING GEORGE ST.
- LEVIN 30 QUEEN ST.
- PARAPARAUMU BRAZIER'S BUILDING AMOHIA ST.

JOB TITLE
DIC
STRENGTHENING

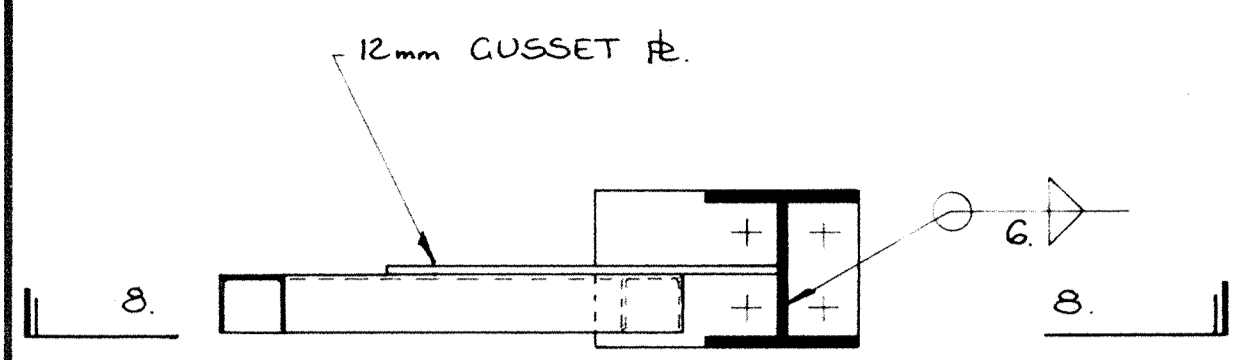
DWG TITLE
PROPOSED BACING
NORTH AND SOUTH
ANNEX WALLS.

DRAWN	M.C.	SCALES
CHECKED		AS SHOWN
APP'D		DWG NO
DATE		70368-10

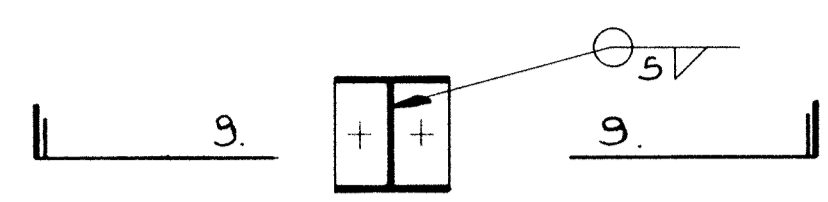
CONTRACTORS MUST VERIFY ALL DIMENSIONS AT THE JOB BEFORE COMMENCING ANY WORK OR MAKING ANY SHOP DRAWINGS WHICH MUST BE SUBMITTED AND APPROVED BEFORE MANUFACTURE.

ISSUE	AMENDMENT	BY	DATE

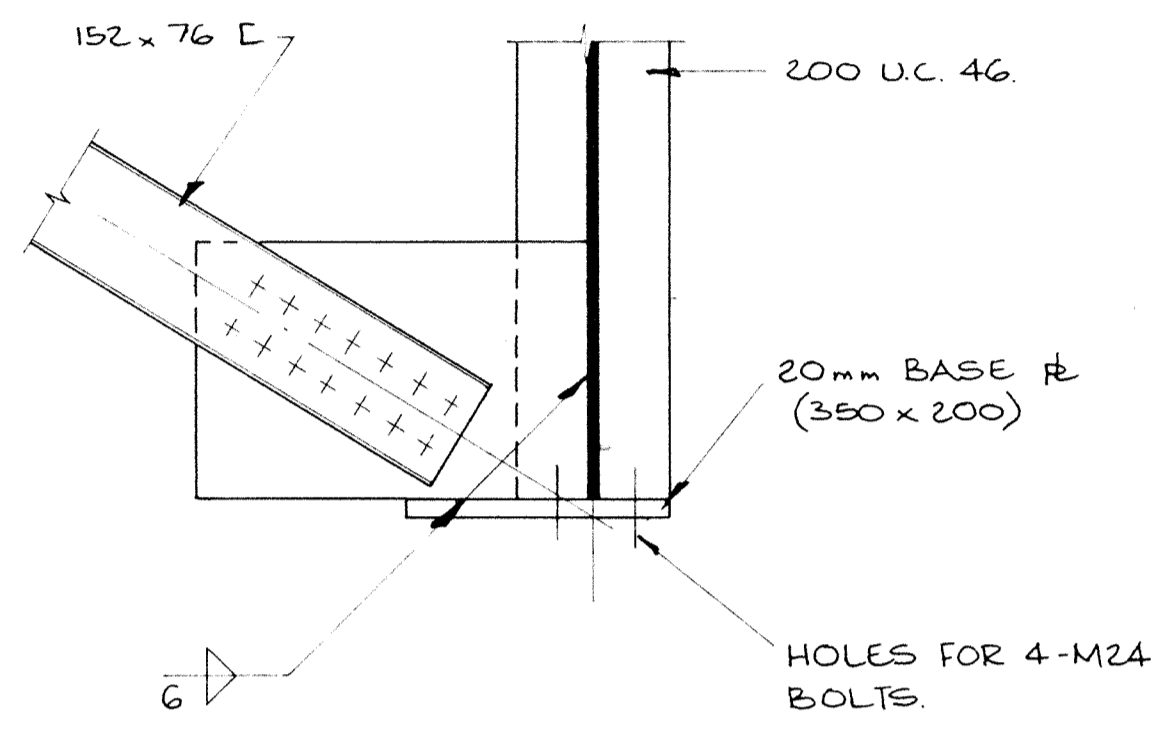
FOR GENERAL NOTE SEE DWG 4.



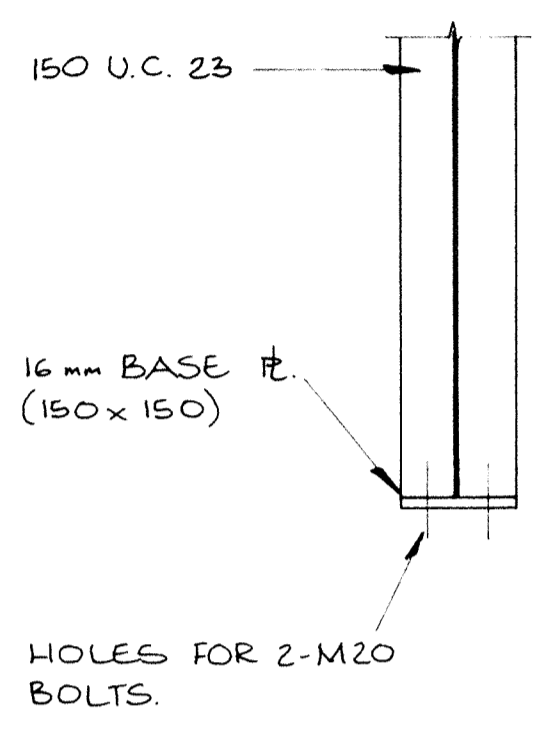
DETAIL H
1:10



DETAIL J
1:10

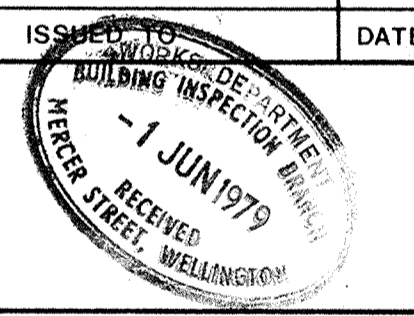


8-8
1:10



9-9
1:10

COPIES	ISSUED TO	DATE



BM RH 

BRICKELL MOSS RANKINE & HILL
CONSULTING ENGINEERS
REGISTERED SURVEYORS

- WELLINGTON SHELL HOUSE, THE TERRACE.
- LOWER HUTT 7 DALY ST.
- AUCKLAND 43 HIGH ST.
- DUNEDIN O.S.B. BUILDING, GEORGE ST.
- LEVIN 30 QUEEN ST.
- PARAPARAUMU BRAZIER'S BUILDING, AMOHIA ST.

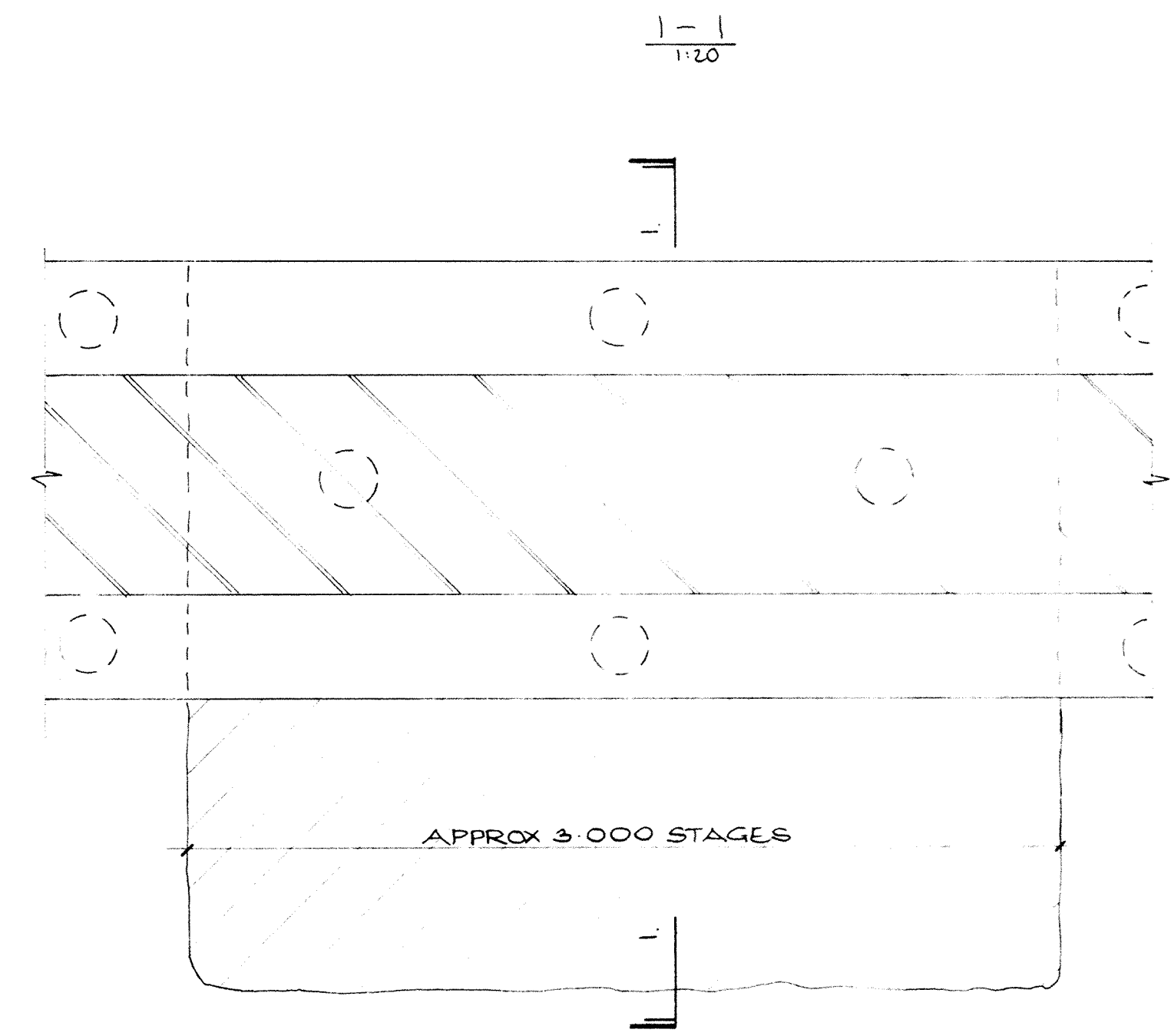
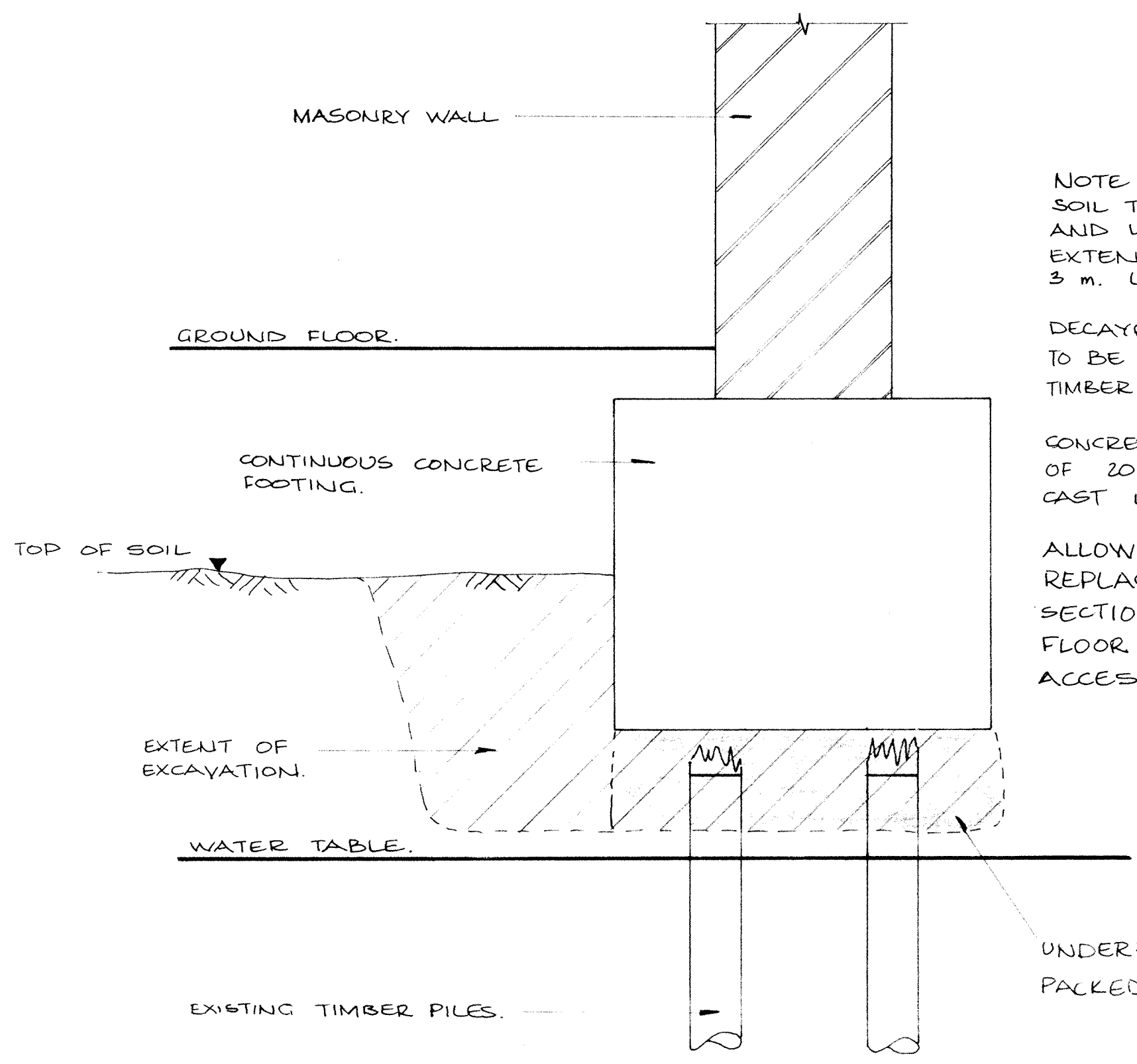
JOB TITLE
D. I. C.
STRENGTHENING.

DWG TITLE
EAST WALL
BASE PLATE DETAILS

DRAWN	M.C.	SCALES
CHECKED		AS SHOWN.
APP'D		DWG NO.
DATE		70368 - 11.

CONTRACTORS MUST VERIFY ALL DIMENSIONS AT THE JOB BEFORE COMMENCING ANY WORK OR MAKING ANY SHOP DRAWINGS WHICH MUST BE SUBMITTED AND APPROVED BEFORE MANUFACTURE.

ISSUE	AMENDMENT	BY	DATE
A	NOTE POSITION



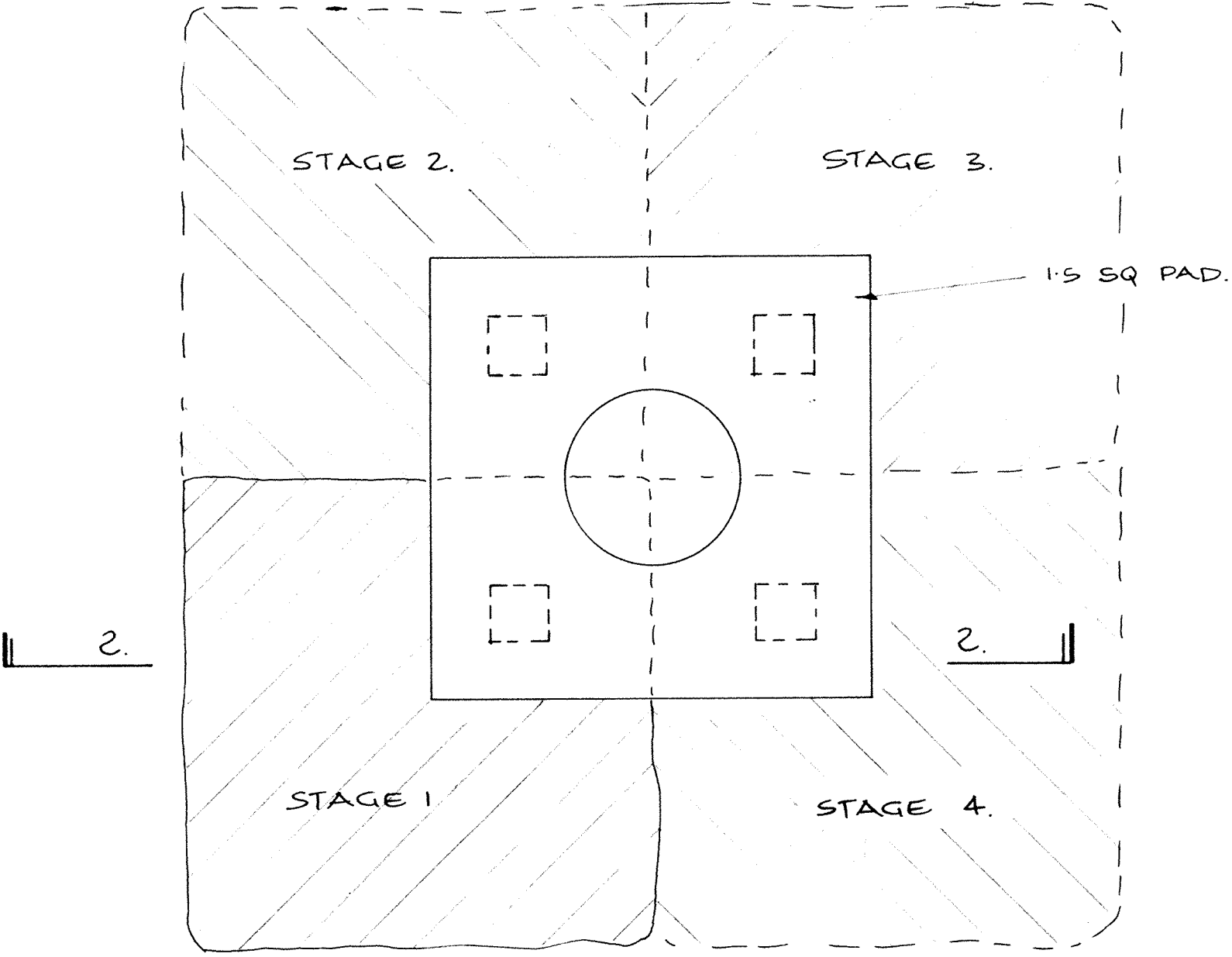
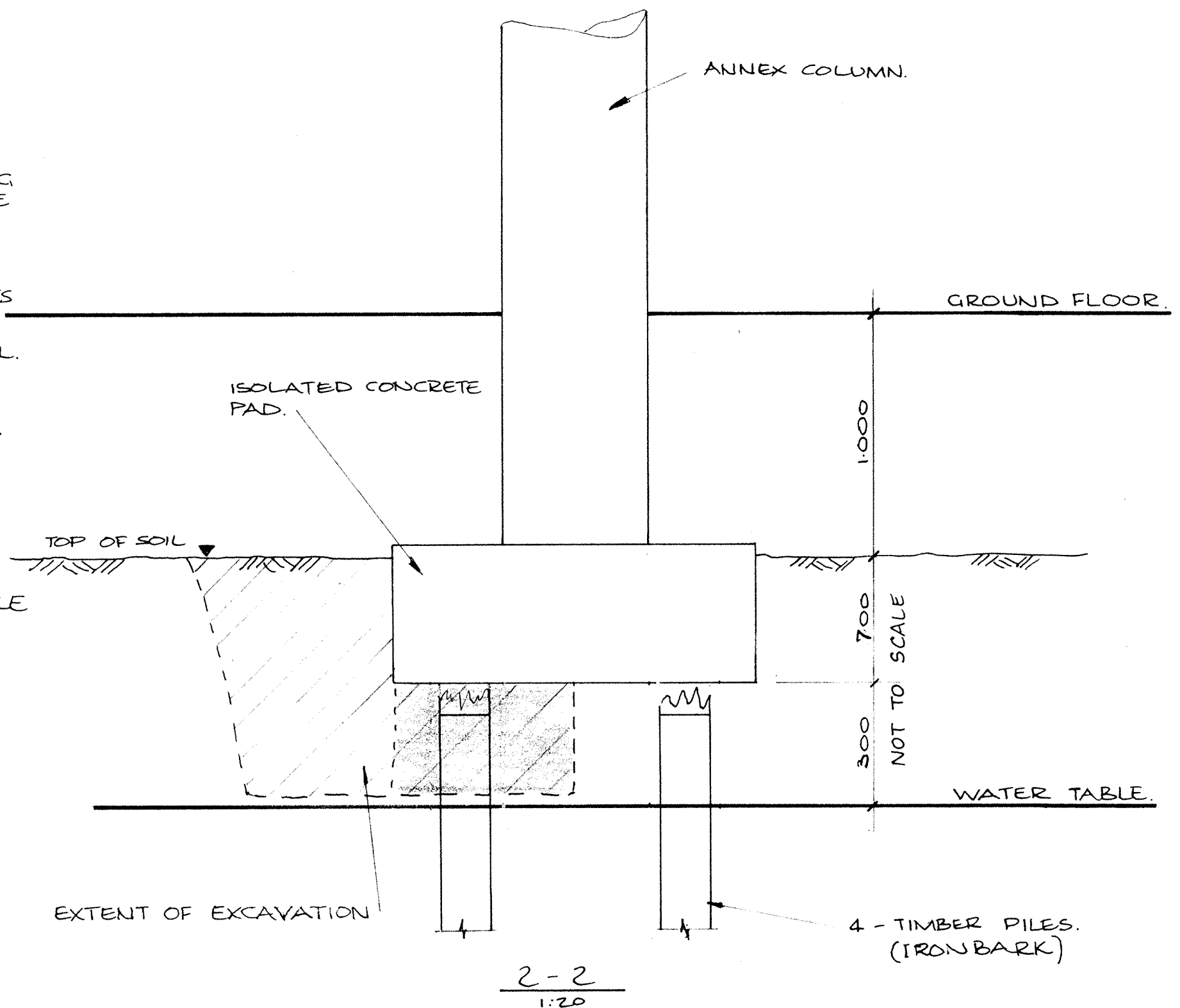
EAST WALL FOOTING PLAN
1:20

NOTE
SOIL TO BE EXCAVATED ALONG AND UNDER FOOTING TO THE EXTENT SHOWN, IN APPROX 3 m. LENGTHS AT A TIME.

DECAYED TOPS OF TIMBER PILES TO BE TRIMMED OFF TO SOUND TIMBER TO ENGINEERS APPROVAL.

CONCRETE OF MIN. STRENGTH OF 20 MPa AT 28 DAYS TO BE CAST UNDER FOOTING.

ALLOW FOR REMOVING AND REPLACING SUFFICIENT SECTIONS OF THE TIMBER FLOOR TO PERMIT REASONABLE ACCESS.



ANNEX COLUMN FOOTING PLAN
1:20

NOTE.
SOIL TO BE EXCAVATED ALONG FOOTING AND IN AREA UNDER FOOTING AROUND ONE PILE FOR EACH STAGE, AS SHOWN.

DECAYED TOPS OF TIMBER PILES TO BE TRIMMED OFF TO SOUND TIMBER TO ENGINEERS APPROVAL.

CONCRETE, MIN STRENGTH OF 20 MPa AT 28 DAYS TO BE CAST UNDER FOOTING.

IF TIMBER PILES PROVE TO BE SOUND, THEN PILES UNDER 4 COLUMNS ONLY WILL BE CHECKED TO ENGINEERS INSTRUCTIONS.

IF TOP OF PILES SHOW DECAY, PILES UNDER ALL ANNEX COLUMNS WILL BE TREATED SIMILARLY.

ALLOW FOR REMOVING AND REPLACING SUFFICIENT SECTIONS OF THE TIMBER FLOOR TO PERMIT REASONABLE ACCESS.

DIMENSIONS APPROX ONLY.

LOCATION AND NUMBER OF PILES IS APPROXIMATE ONLY. CHECK ON SITE.

COPIES	ISSUED TO	DATE



BRICKELL MOSS RANKINE & HILL
CONSULTING ENGINEERS
REGISTERED SURVEYORS

- WELLINGTON SHELL HOUSE, THE TERRACE.
- LOWER HUTT 7 DALY ST.
- AUCKLAND 43 HIGH ST.
- DUNEDIN O.S.B. BUILDING, GEORGE ST.
- LEVIN 30 QUEEN ST.
- PARAPARAUMU BRAZIER'S BUILDING, AMOHIA ST.

JOB TITLE
D. I. C.

STRENGTHENING.

DWG TITLE
FOUNDATION DETAILS

DRAWN	M.C.	SCALES
CHECKED		AS SHOWN.
APP'D		DWG NO
DATE		70368-12 A

CONTRACTORS MUST VERIFY ALL DIMENSIONS AT THE JOB BEFORE COMMENCING ANY WORK OR MAKING ANY SHOP DRAWINGS WHICH MUST BE SUBMITTED AND APPROVED BEFORE MANUFACTURE.

ISSUE	AMENDMENT	BY	DATE
A	VERTICAL REINF CHANGED	SM	

- FOR GENERAL NOTE SEE DWG 4.
- ALL (B) OPENINGS IN EAST WALL TO BE FILLED WITH 200mm REINFORCED CONCRETE BLOCK WALLS.
- ALL CELLS IN BLOCKS TO BE GROUTED.
- VERTICAL STEEL REINFORCEMENT TO BE D12 AT 400 CRS. D12 STARTERS REQUIRED TO BE PLACED INTO HOLES DRILLED IN EXISTING TOP & BOTTOM BEAMS. STARTERS TO BE LAP SPICED 520mm WITH MAIN BARS.
- HORIZONTAL STEEL REINFORCEMENT TO BE D12 AT 600 CRS IN BOND BEAM BLOCKS, D12 STARTERS REQUIRED TO BE PLACED INTO HOLES DRILLED 150mm DEEP AND GROUTED INTO EXISTING MASONRY. STARTERS TO BE LAP SPICED 400mm WITH MAIN STEEL.
- MIN STRENGTH OF GROUT TO BE 17.5 MPA AT 28 DAYS.
- MIN STRENGTH OF MORTAR TO BE 12.5 MPA AT 28 DAYS AND TO CONTAIN A WATERPROOFING ADDITIVE.

COPIES	ISSUED TO	DATE



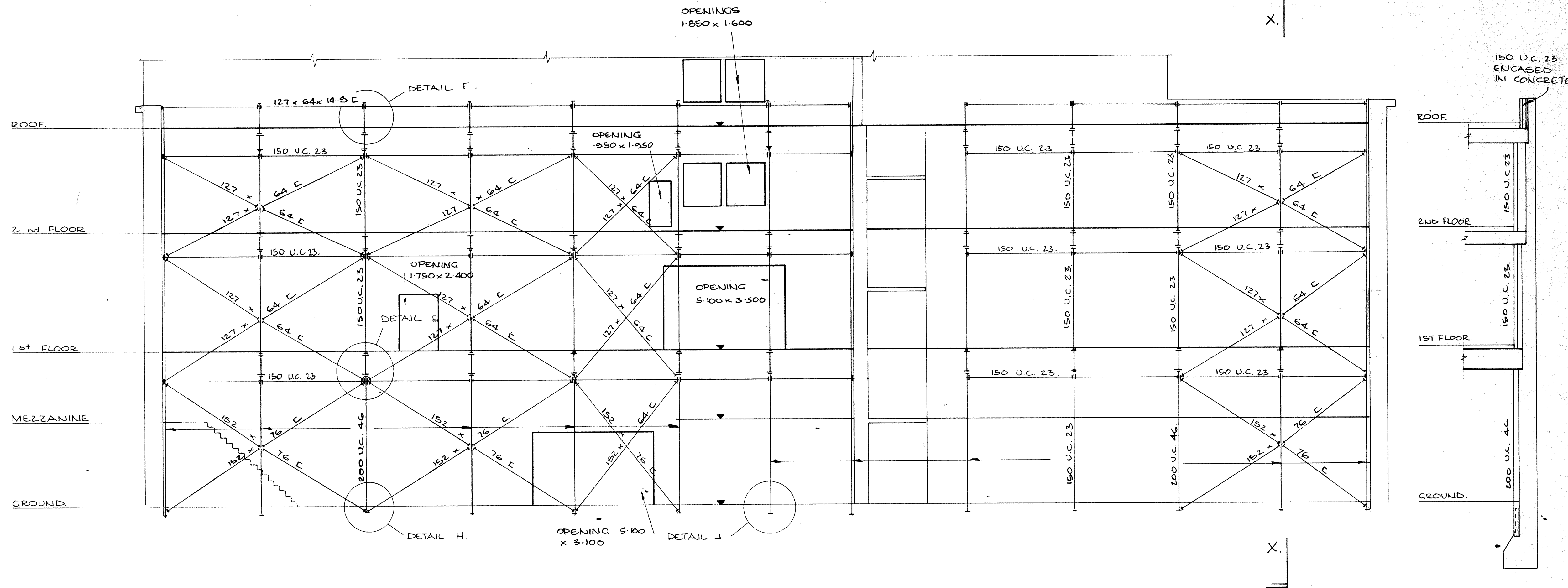
BRICKELL MOSS RANKINE & HILL
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- DUNEDIN O.S.B. BUILDING, GEORGE ST.
- LEVIN 30 QUEEN ST.
- PARAPARAUMU BRAZIER'S BUILDING, AMOHIA ST.

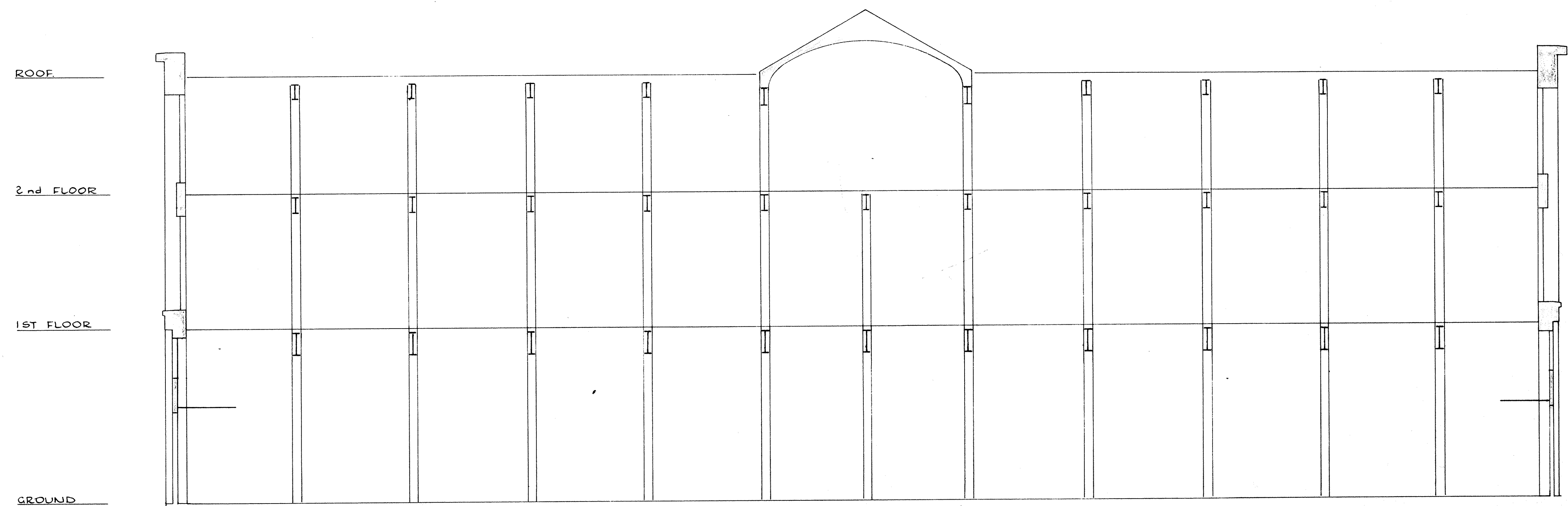
JOB TITLE
D.I.C.
STRENGTHENING.

DWG TITLE
EAST WALL
BLOCK WORK.

DRAWN	M.C.	SCALES
CHECKED		AS SHOWN.
APP'D		DWG NO.
DATE		70368-13A



INTERNAL ELEVATION OF EAST WALL
1:100



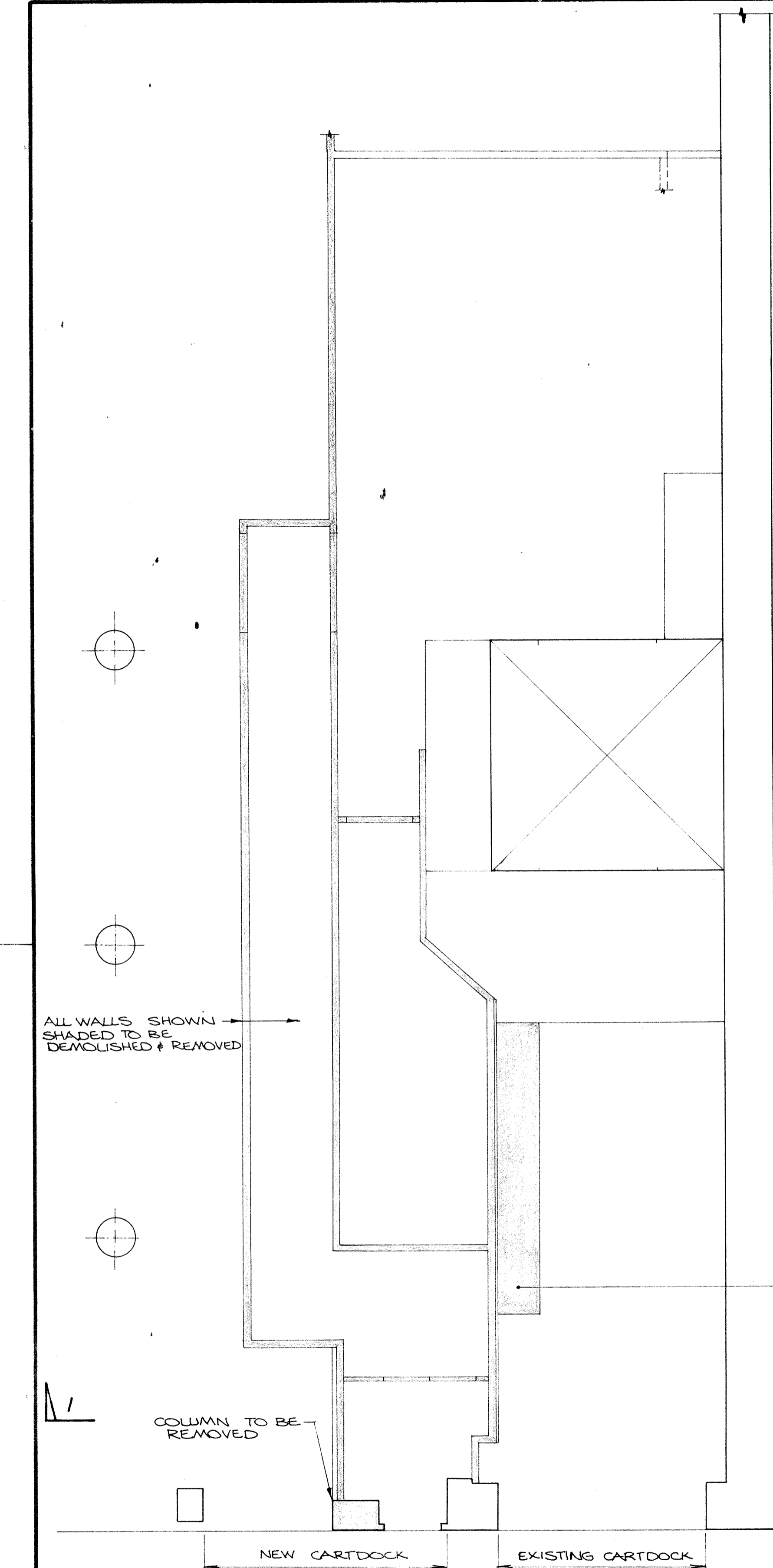
SECTION THROUGH ANNEX
1:100

PANAMA ST.

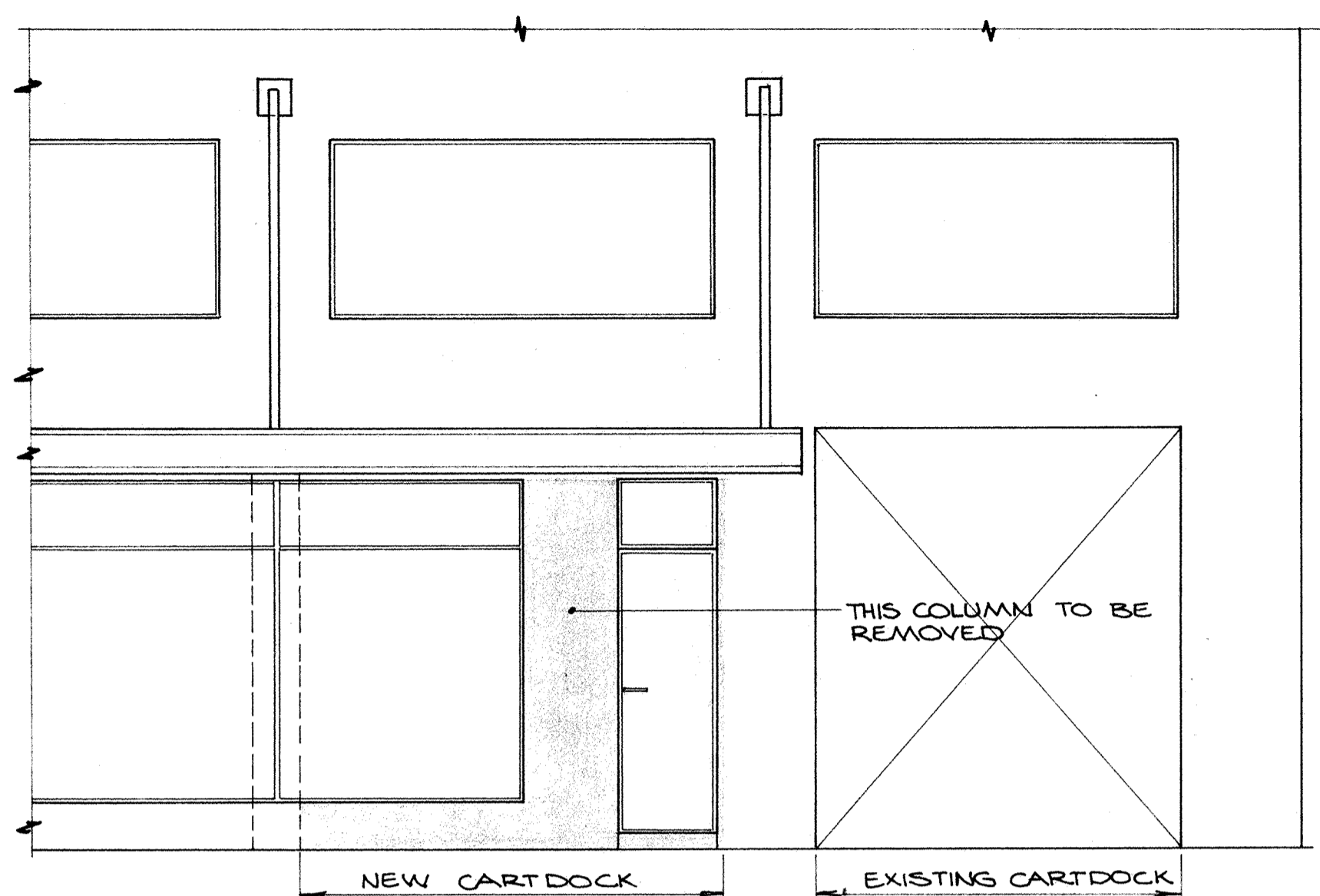
CONTRACTORS MUST VERIFY ALL DIMENSIONS AT THE JOB BEFORE COMMENCING ANY WORK OR MAKING ANY SHOP DRAWINGS WHICH MUST BE SUBMITTED AND APPROVED BEFORE MANUFACTURE.

ISSUE	AMENDMENT	BY	DATE

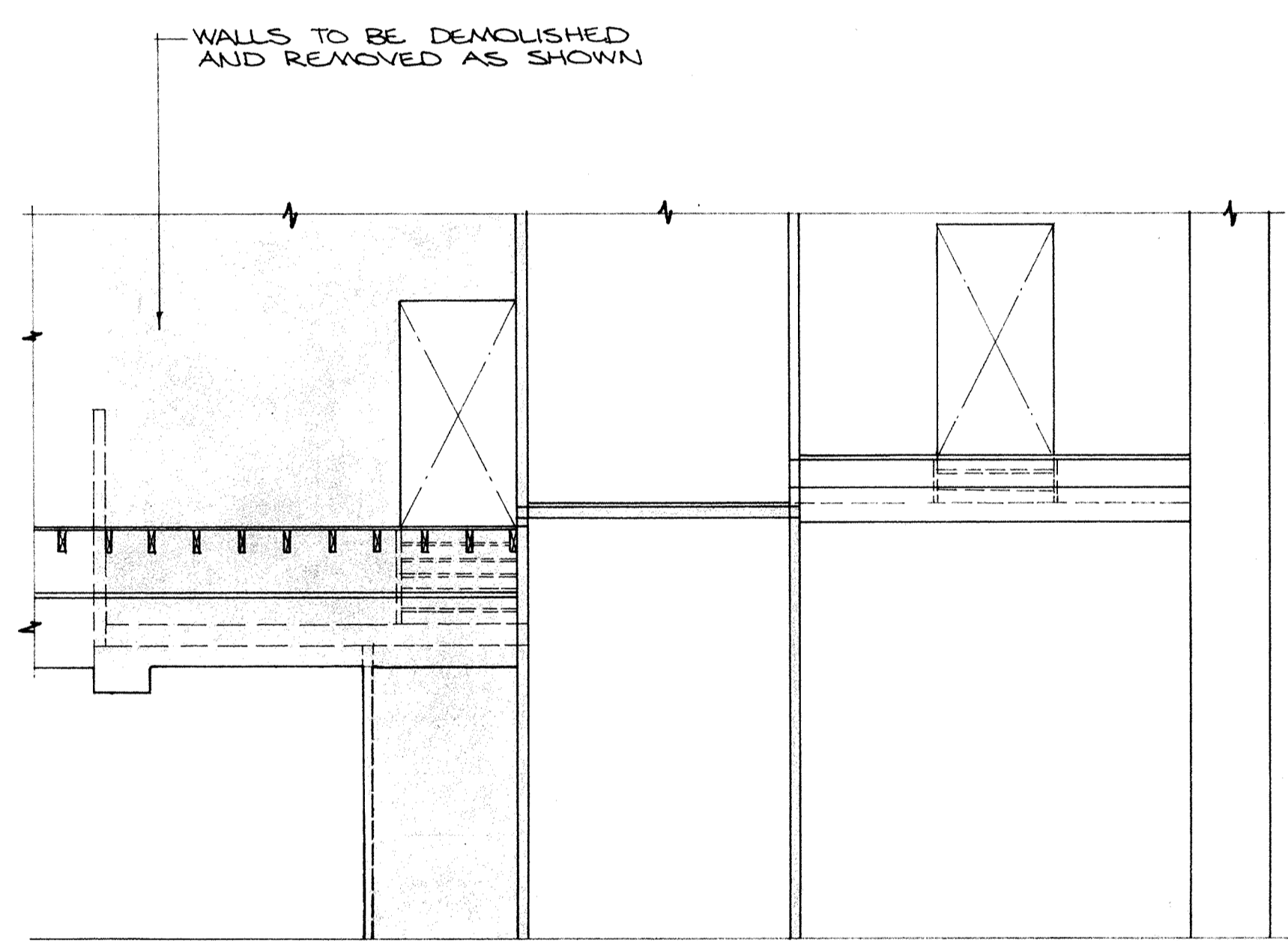
NOTE:
THIS DRAWING TO BE READ IN CONJUNCTION WITH DWGS. 70368 - 21, 22 & 23.



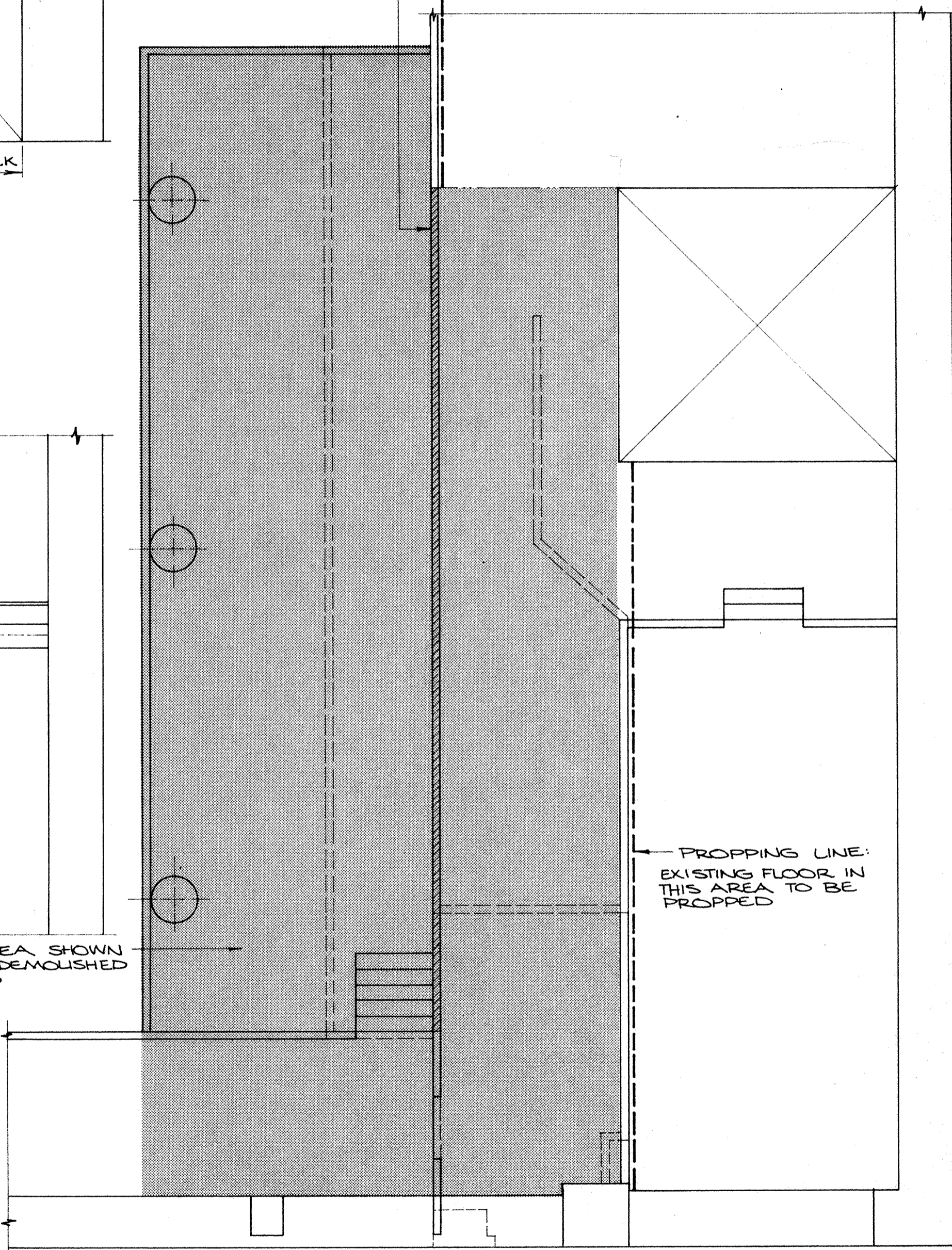
GROUND FLOOR PLAN



PANAMA STREET ELEVATION



SECTION 1-1



MEZZANINE PLAN

COPIES	ISSUED TO	DATE



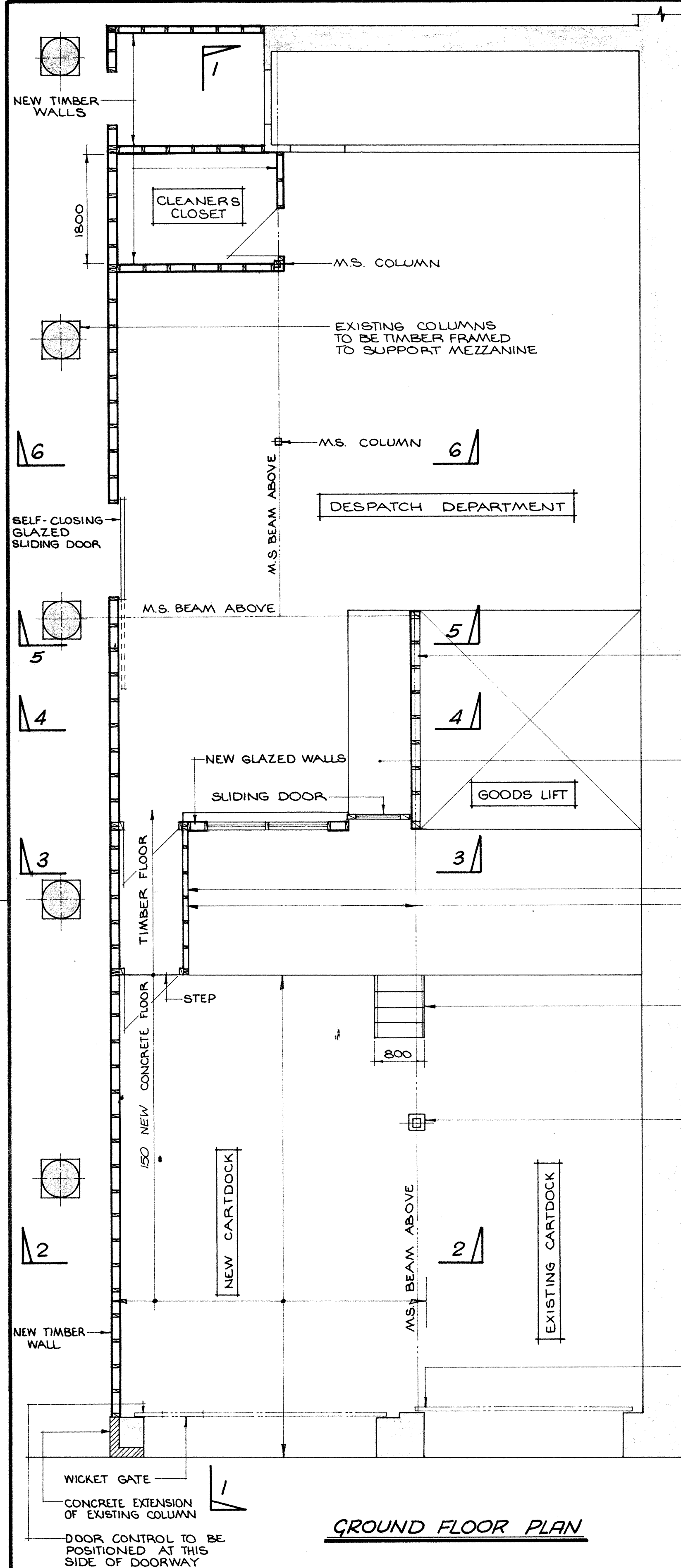
BRICKELL MOSS RANKINE & HILL
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- PARAPARAUMU BRAZIER'S BUILDING, AMOHIA ST.

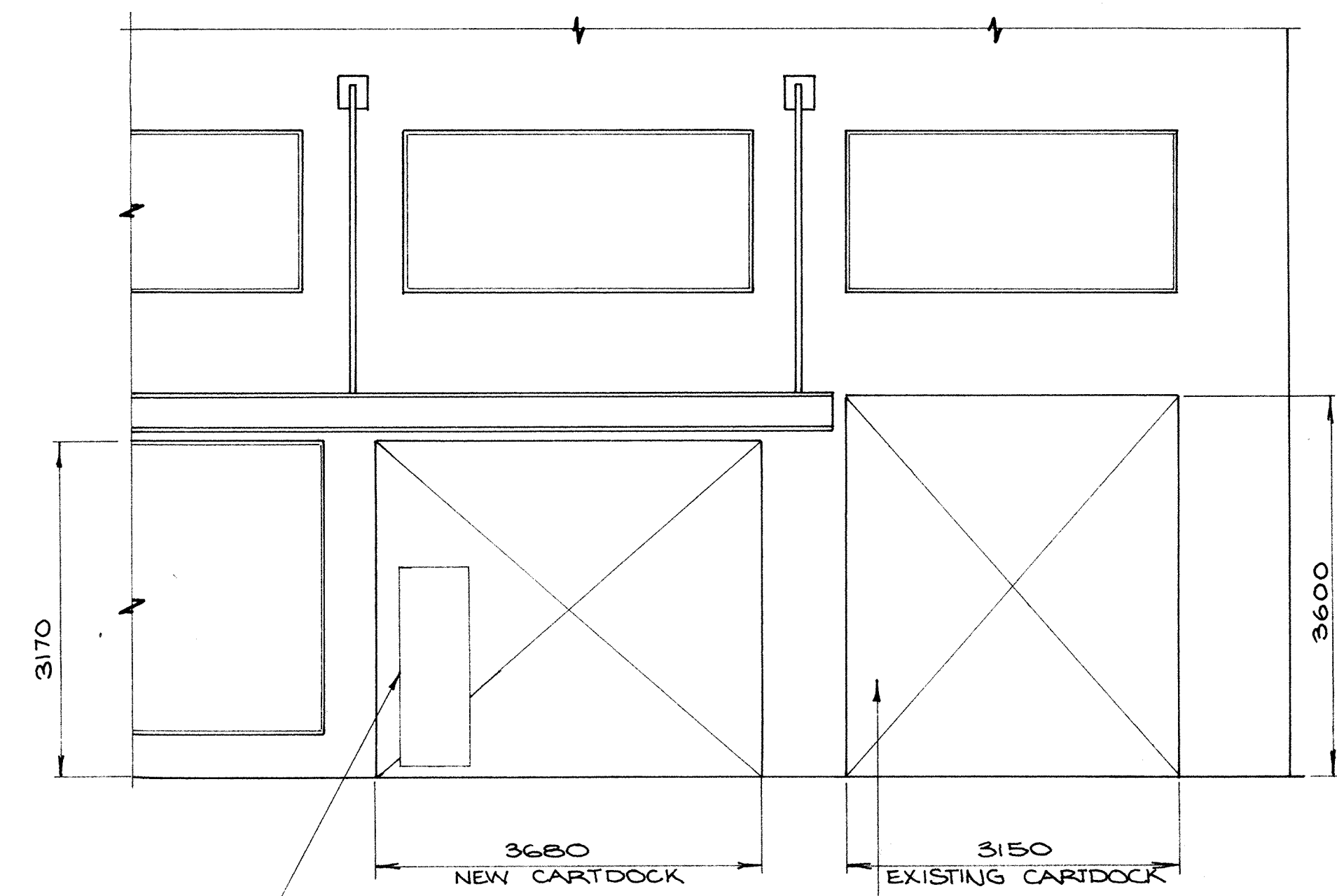
JOB TITLE
**D. I. C.
STRENGTHENING.**

DWG TITLE
**NEW CARTDOCK:
SHEET 1.**

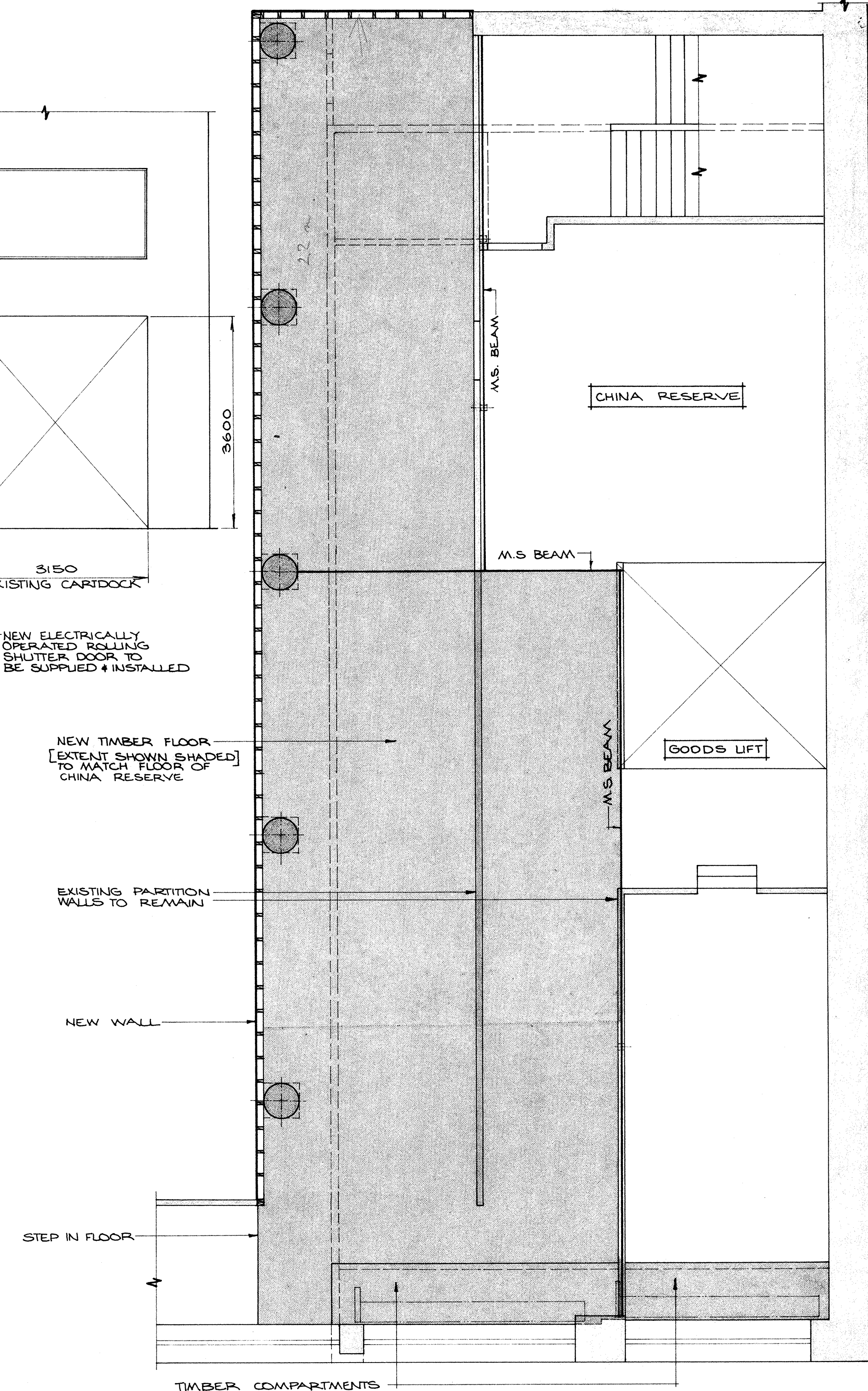
DRAWN	Z. Z.	SCALES
CHECKED		1 : 50
APP'D		DWG NO
DATE	MAY 1979.	70368 - 20



GROUND FLOOR PLAN



PANAMA STREET ELEVATION



MEZZANINE PLAN

CONTRACTORS MUST VERIFY ALL DIMENSIONS AT THE JOB BEFORE COMMENCING ANY WORK OR MAKING ANY SHOP DRAWINGS WHICH MUST BE SUBMITTED AND APPROVED BEFORE MANUFACTURE.

ISSUE	AMENDMENT	BY	DATE

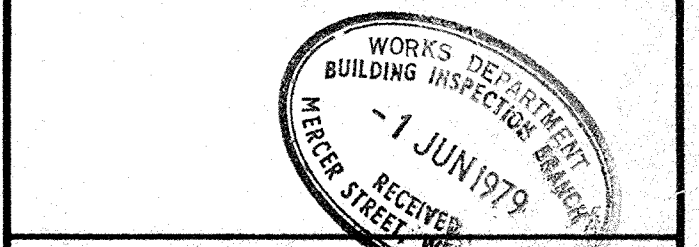
NOTES

FOR SECTIONS REFER TO DRAWING 70368-22.

FOR DETAILS REFER TO DRAWING 70368-23.

GIVEN DIMENSIONS ARE APPROXIMATE AND MUST BE CHECKED ON SITE.

COPIES	ISSUED TO	DATE



BRM RH

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- LEVIN 30 QUEEN ST.
- PARAPARAMU BRAZIER'S BUILDING, AMOHIA ST.

JOB TITLE

D.I.C.
STRENGTHENING.

DWG TITLE

NEW CARTDOCK:
SHEET 2.

DRAWN	Z. Z.	SCALES
CHECKED		1:50
APP'D		DWG NR
DATE	MAY 1979.	70368 - 21

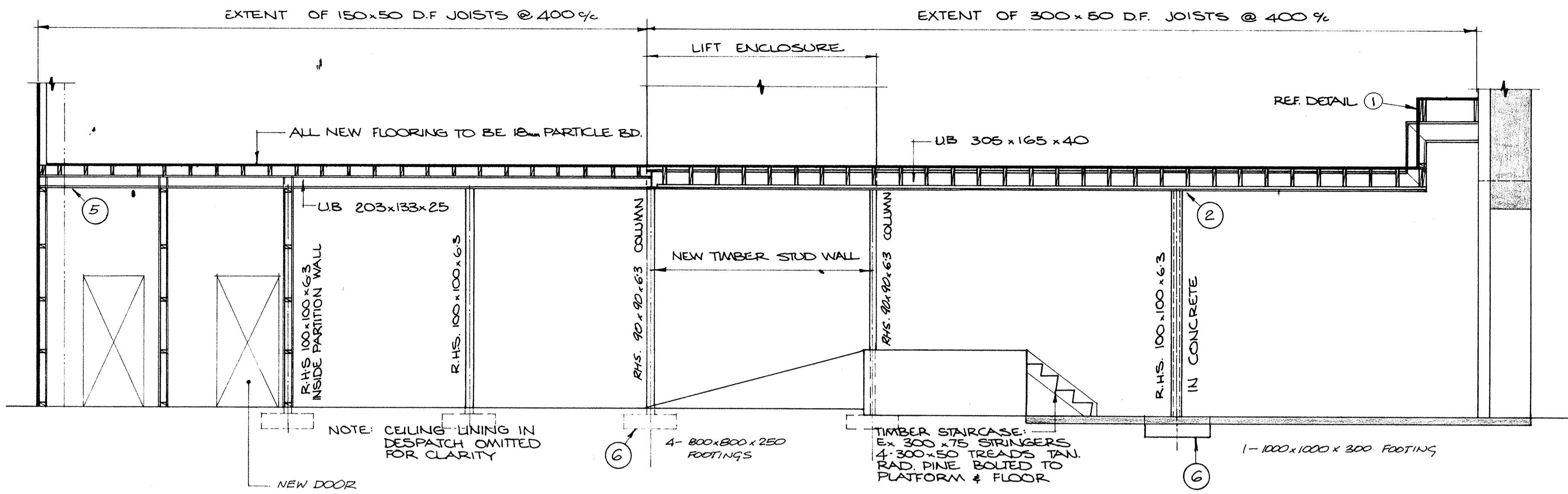
CONTRACTORS MUST VERIFY ALL DIMENSIONS AT THE JOB BEFORE COMMENCING ANY WORK OR MAKING ANY SHOP DRAWINGS WHICH MUST BE SUBMITTED AND APPROVED BEFORE MANUFACTURE.

ISSUE	AMENDMENT	BY	DATE

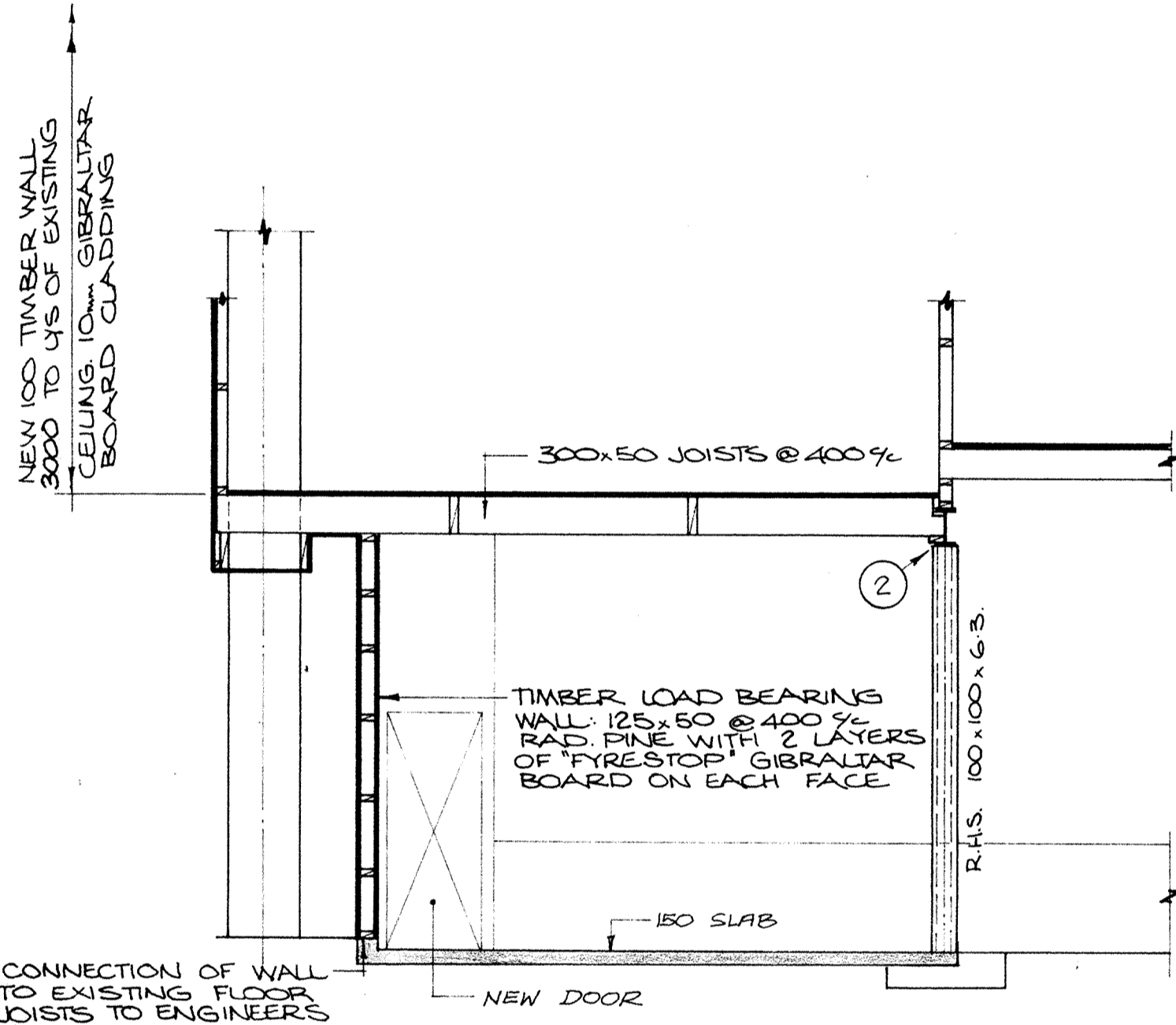
NOTES

D.F. = NZ GROWN DOUGLAS FIR
 CEILING LINING IN DESPATCH DEPARTMENT AND CLEANERS CLOSET TO BE 10mm GIBRALTAR BOARD.

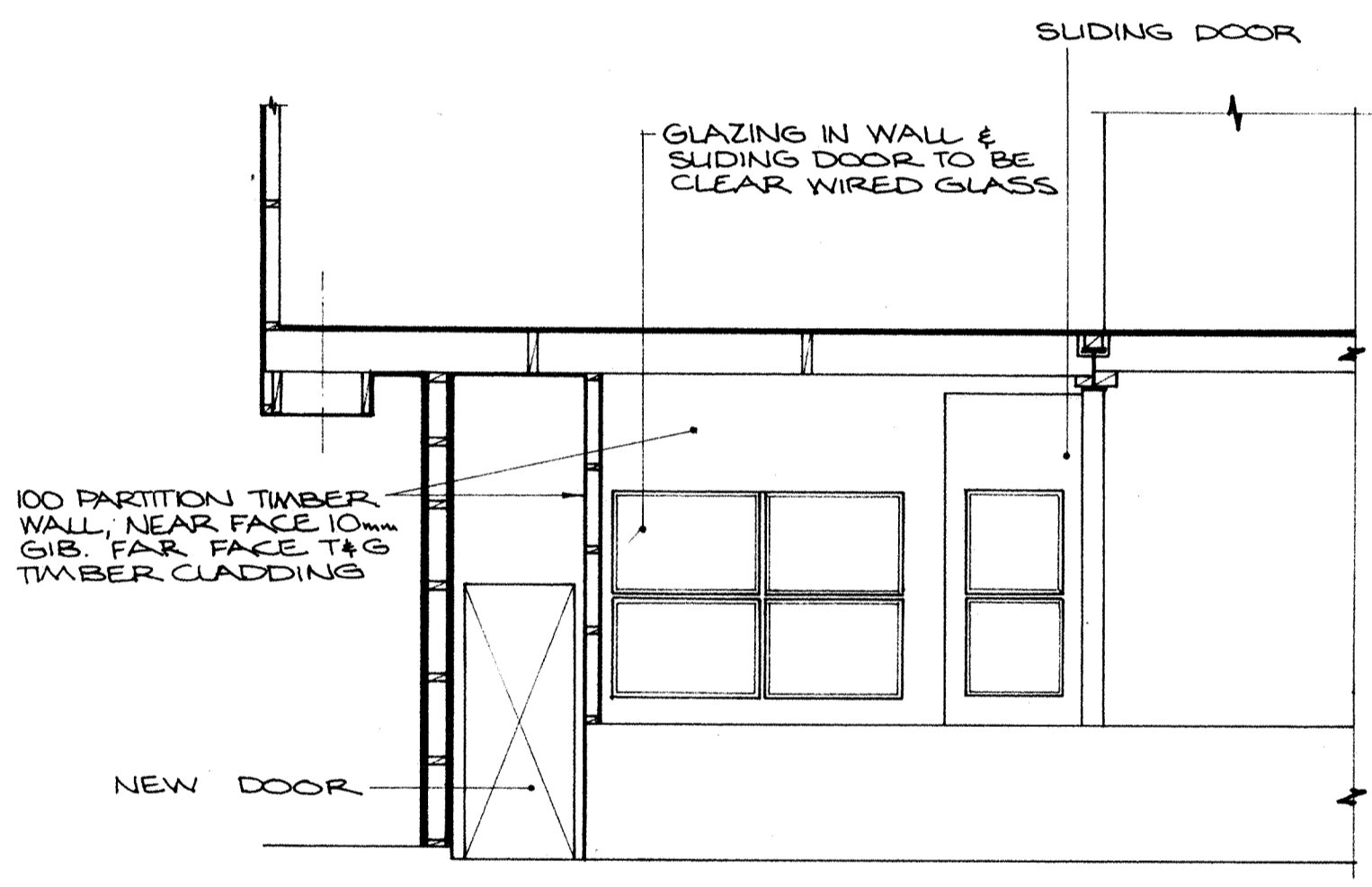
WALL LINING IN CLEANERS CLOSET TO BE 10mm GIB. BD.



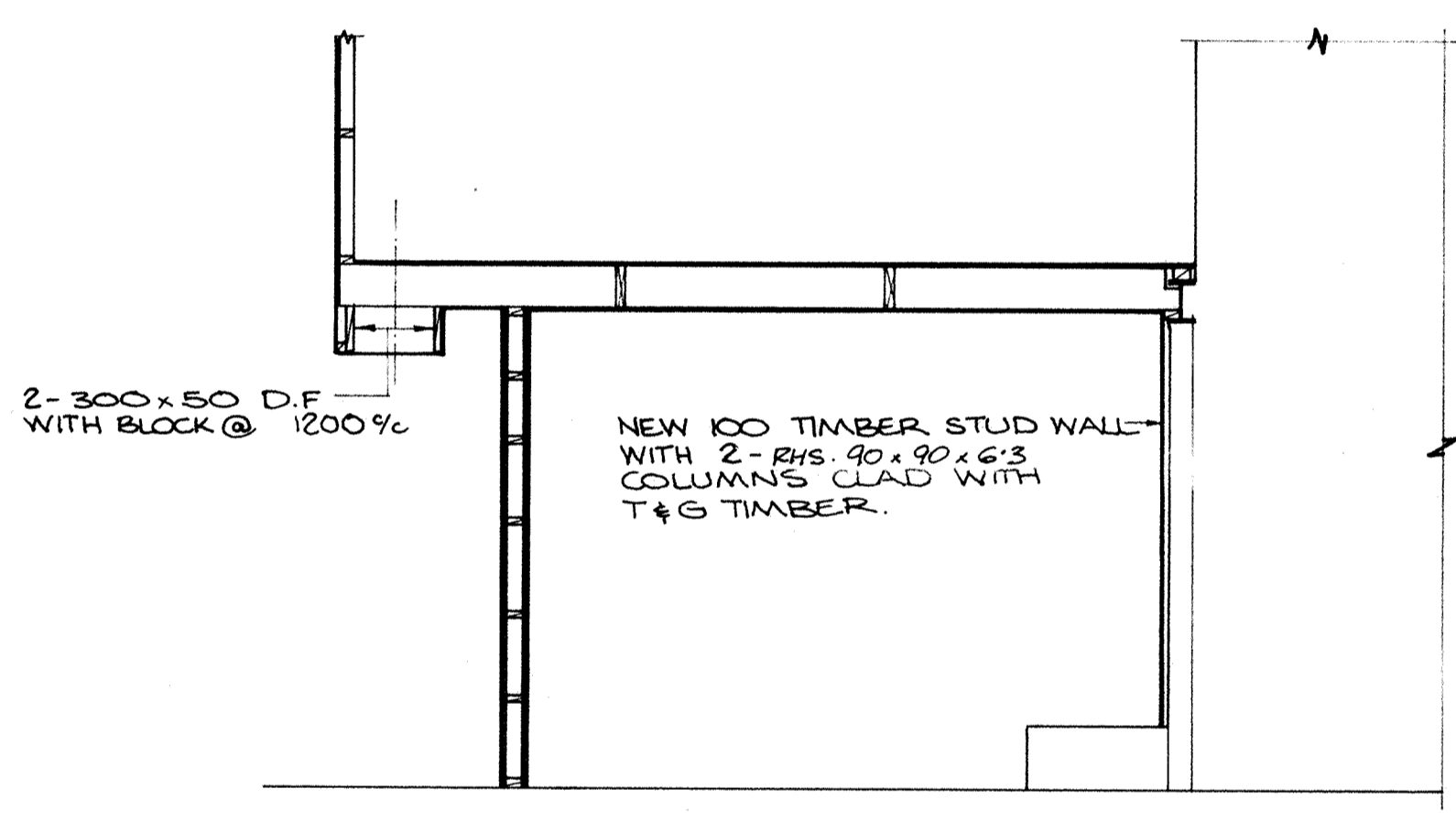
SECTION 1-1



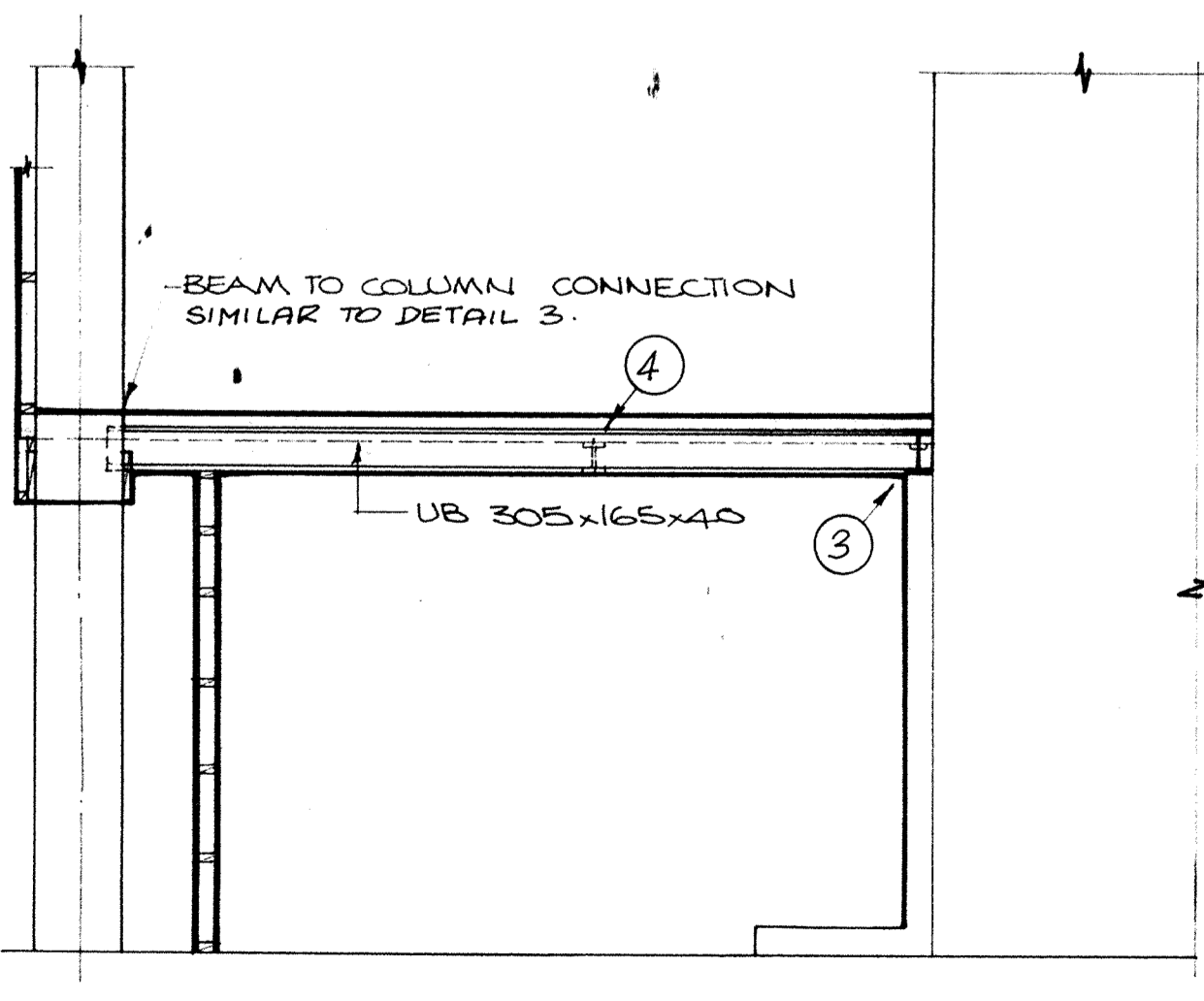
SECTION 2-2



SECTION 3-3

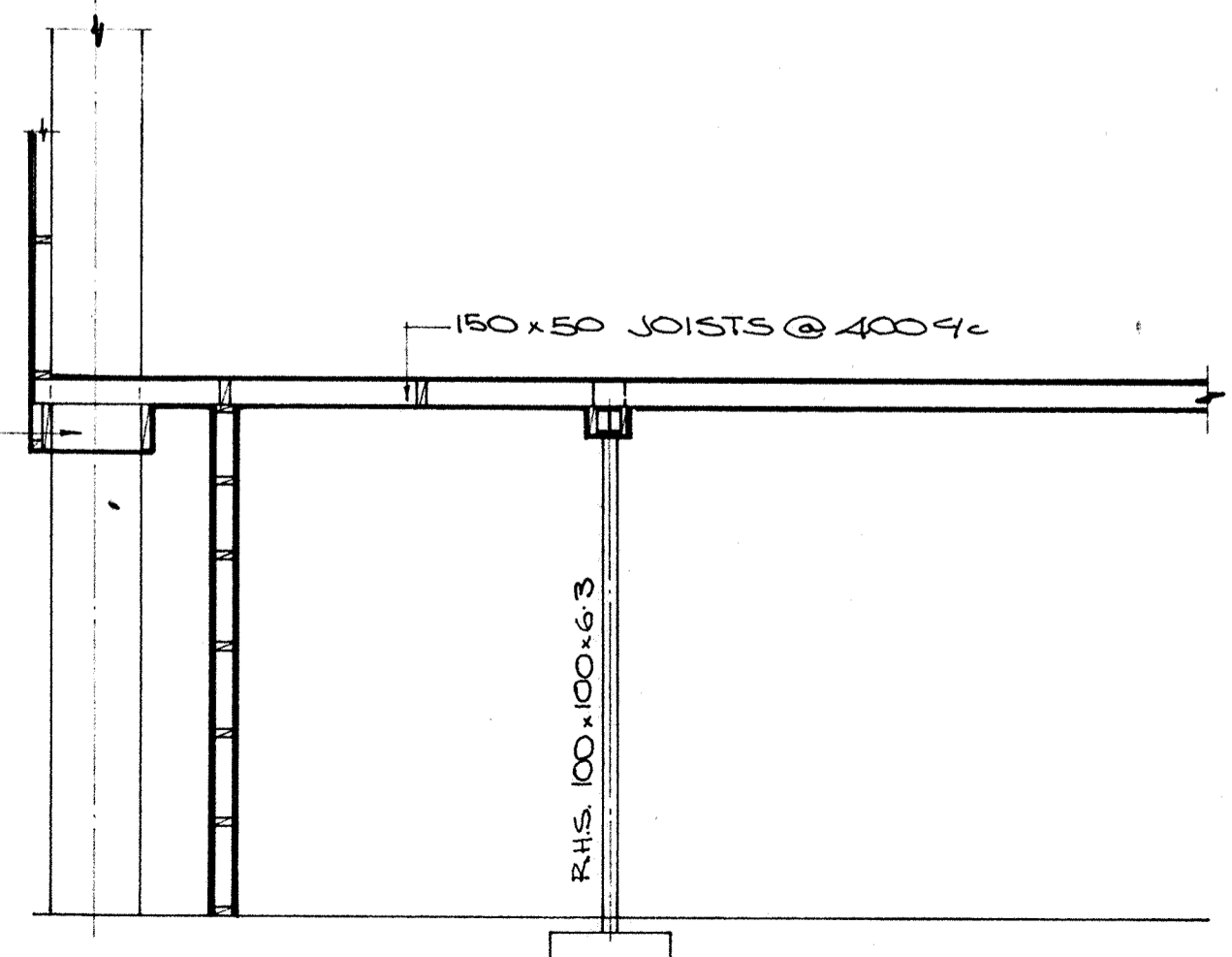


SECTION 4-4



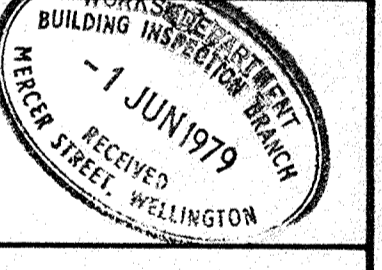
SECTION 5-5

EXISTING COLUMNS TO BE FRAMED BY 4 100x100 TIMBER STUDS & 100x50 DWANGS & CLAD WITH GIB. BOARD BELOW THIS LEVEL



SECTION 6-6

COPIES	ISSUED	DATE



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- WELLINGTON SHELL HOUSE, THE TERRACE.
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- DUNEDIN O.S.B. BUILDING, GEORGE ST.
- LEVIN 30 QUEEN ST.
- PARAPARAUMU BRAZIER'S BUILDING, AMOHIA ST.

JOB TITLE
 D. I. C.
 STRENGTHENING.

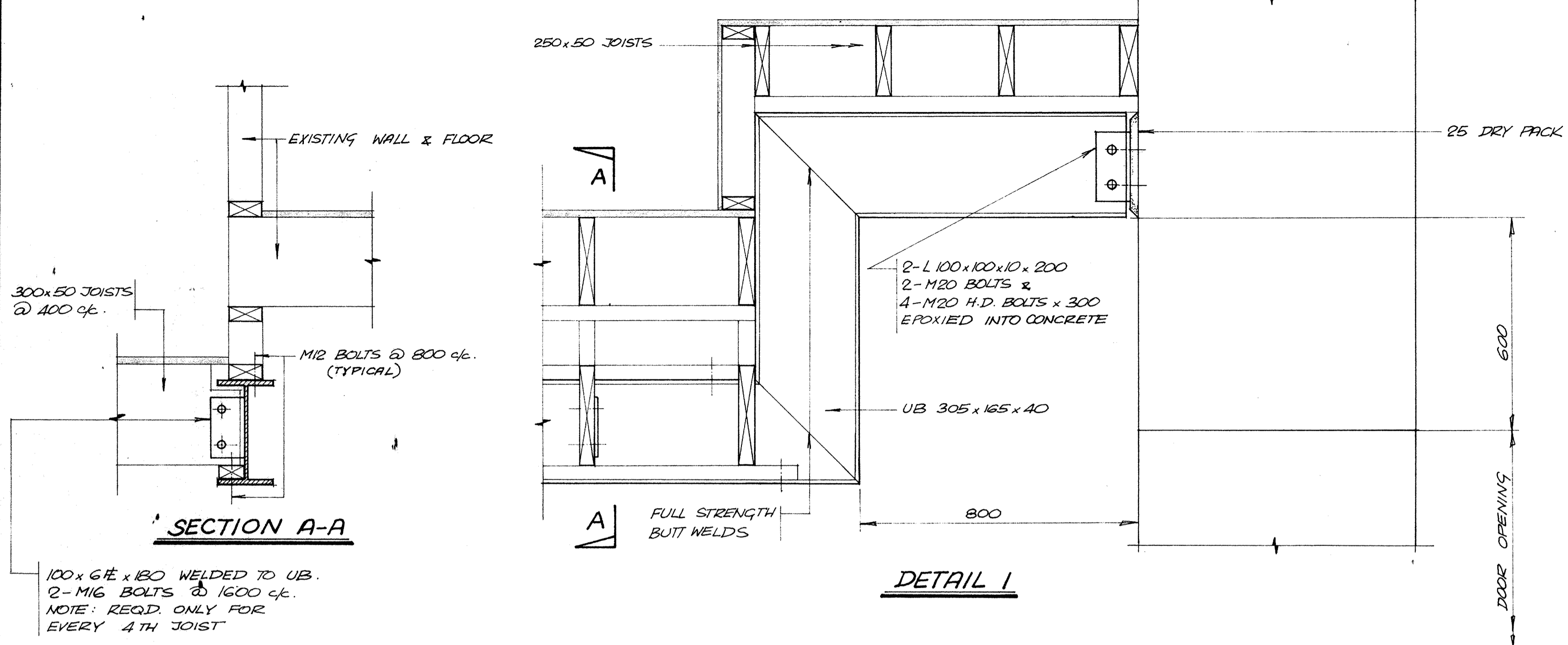
DWG TITLE
 NEW CARTDOCK :
 SHEET 3.

DRAWN	SCALE
Z. Z.	1:50
CHECKED	
APP'D	DWG NO
DATE MAY 1979.	70368 - 22

CONTRACTORS MUST VERIFY ALL DIMENSIONS OF THE JOB BEFORE COMMENCING ANY WORK OR MAKING ANY SHOP DRAWINGS WHICH MUST BE SUBMITTED AND APPROVED BEFORE MANUFACTURE

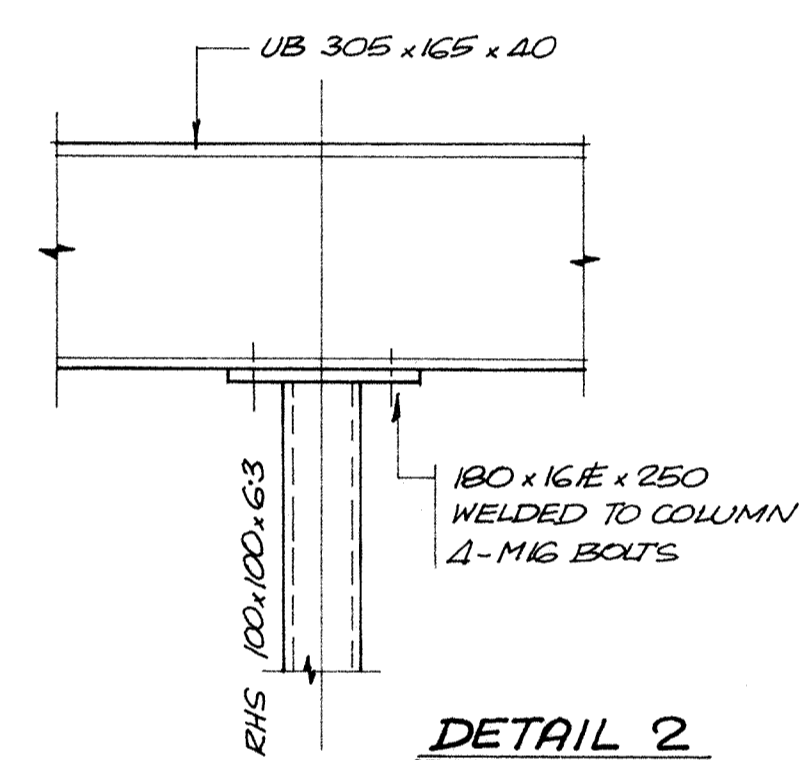
ISSUE	AMENDMENT	BY	DATE

NOTE:
 ALL WELDS TO BE 6mm FILLET WELDS UNLESS STATED OTHERWISE.
 MIN. CONCRETE STRENGTH AT 28 DAYS TO BE 25 MPa.

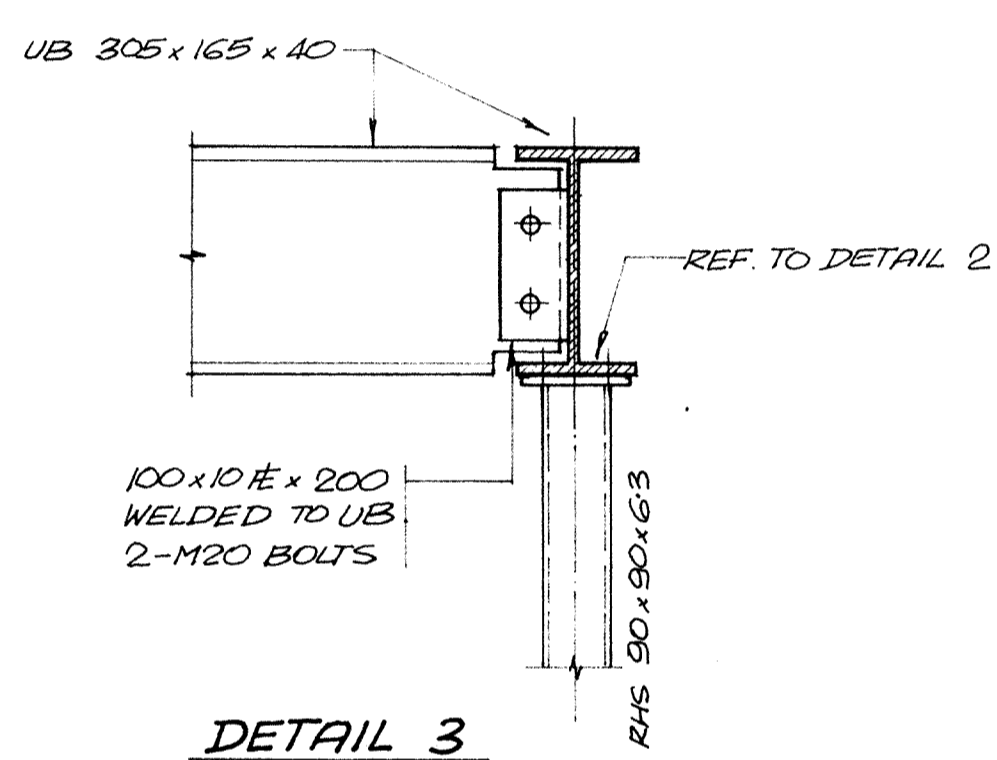


100x6# x 180 WELDED TO UB.
 2-MIG BOLTS @ 1600 c/c.
 NOTE: REQ'D ONLY FOR EVERY 4TH JOIST

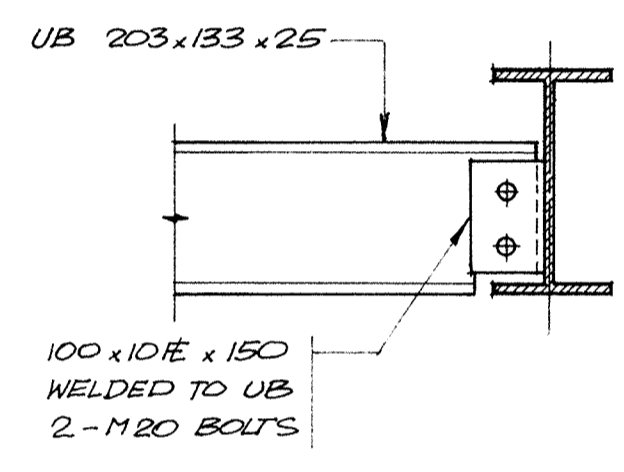
DETAIL 1



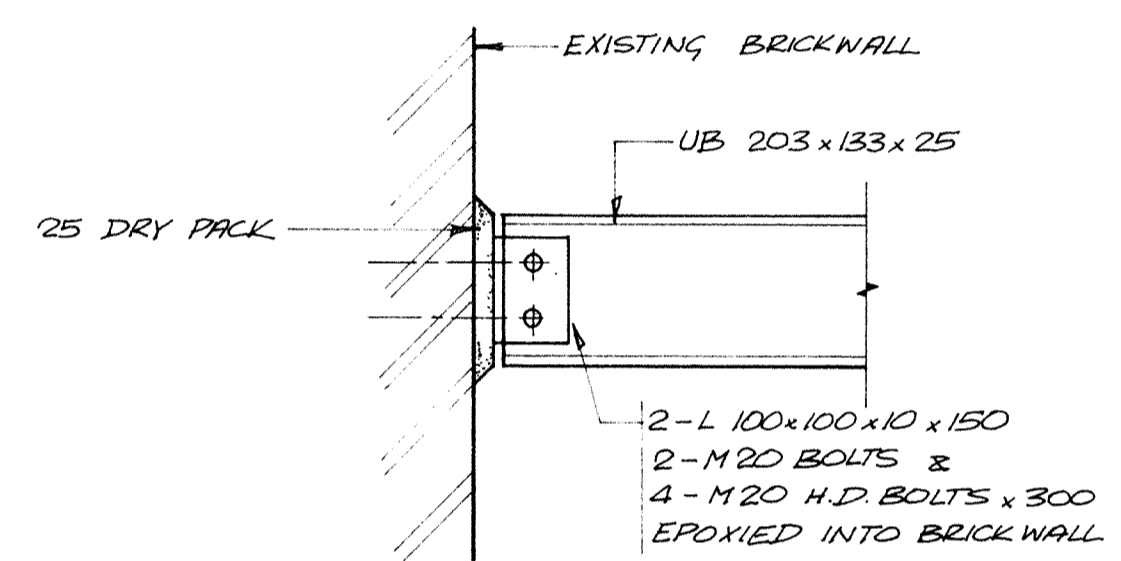
DETAIL 2



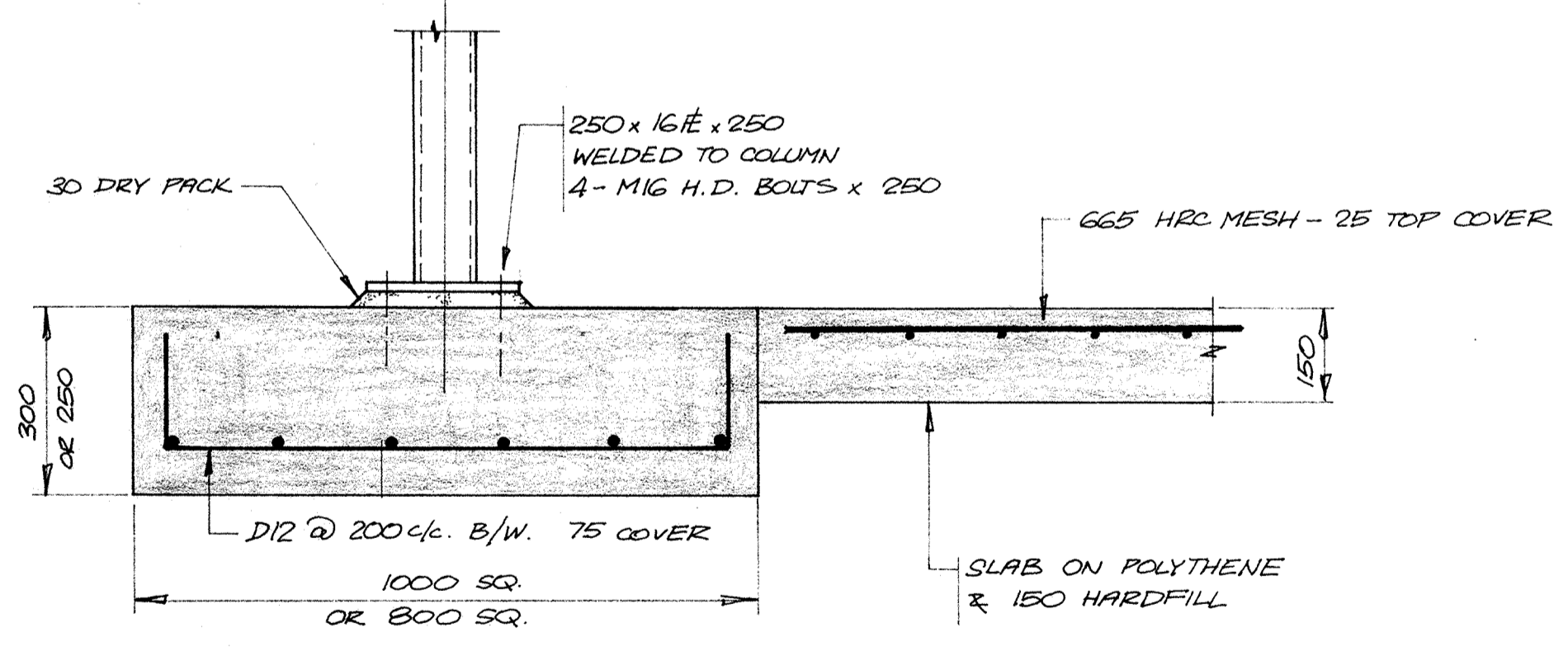
DETAIL 3



DETAIL 4



DETAIL 5



DETAIL 6

COPIES	ISSUED TO	DATE



BRICKELL MOSS RANKINE & HILL
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- LOWER HUTT 7 DALY ST.
- AUCKLAND 43 HIGH ST.
- DUNEDIN O.S.B. BUILDING, GEORGE ST.
- LEVIN 30 QUEEN ST.
- PARAPARAUMU BRAZIER'S BUILDING, AMOHIA ST.

JOB TITLE
 D. I. C.
 STRENGTHENING

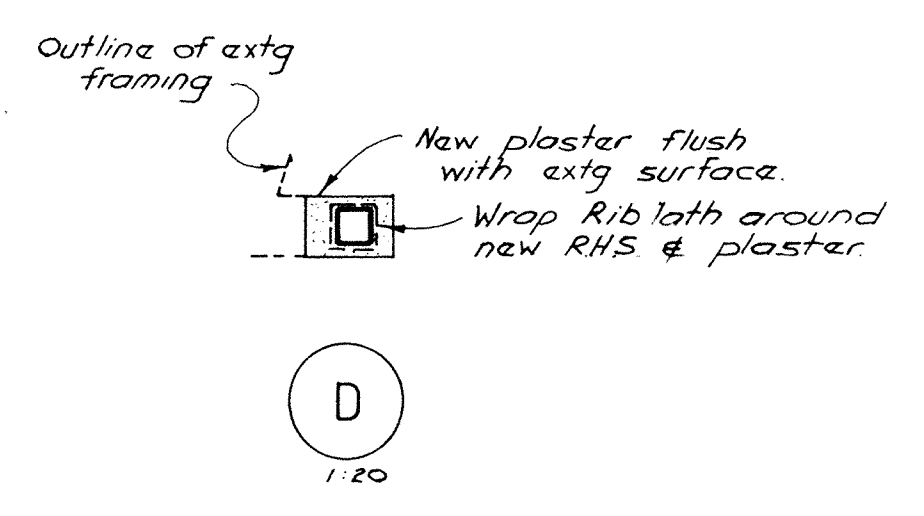
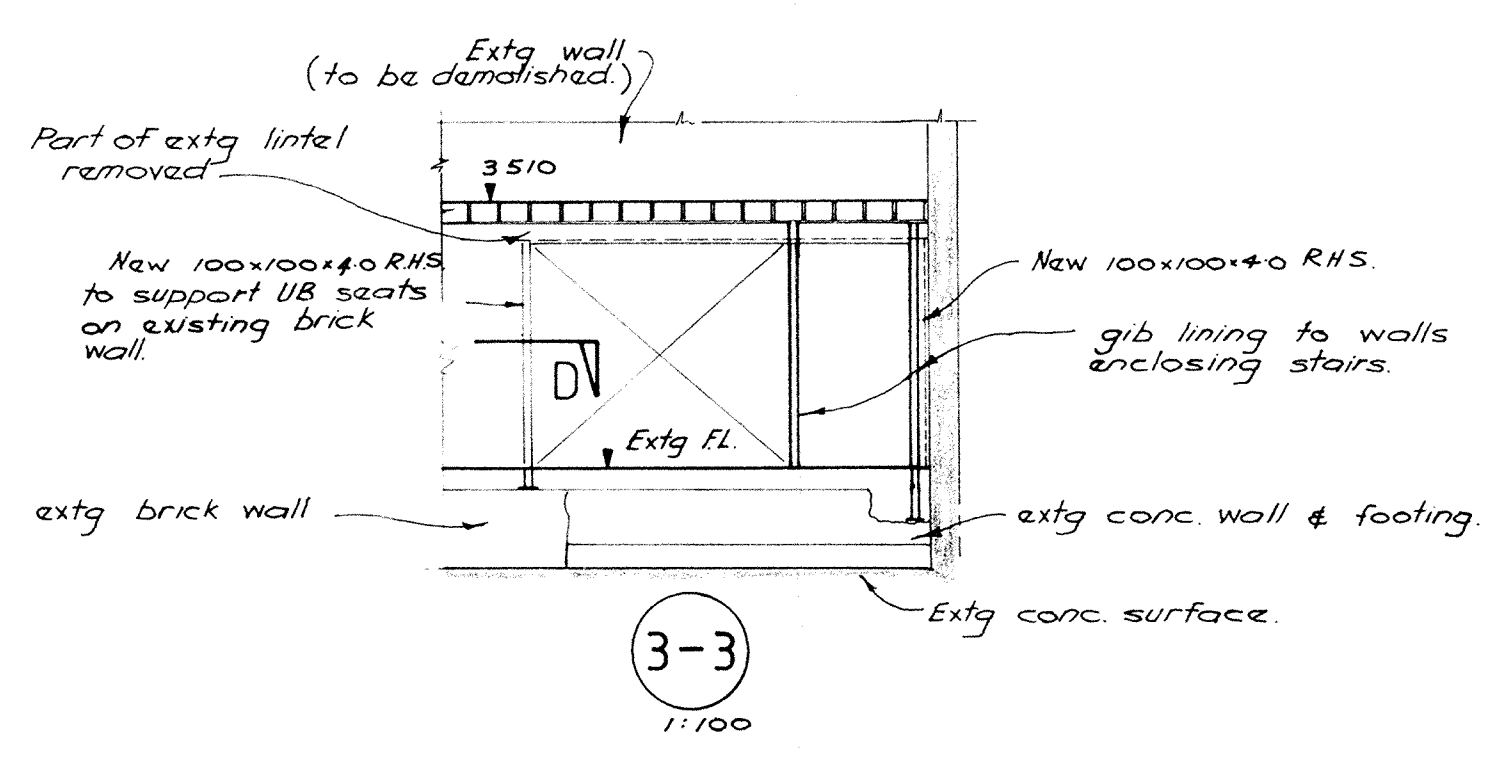
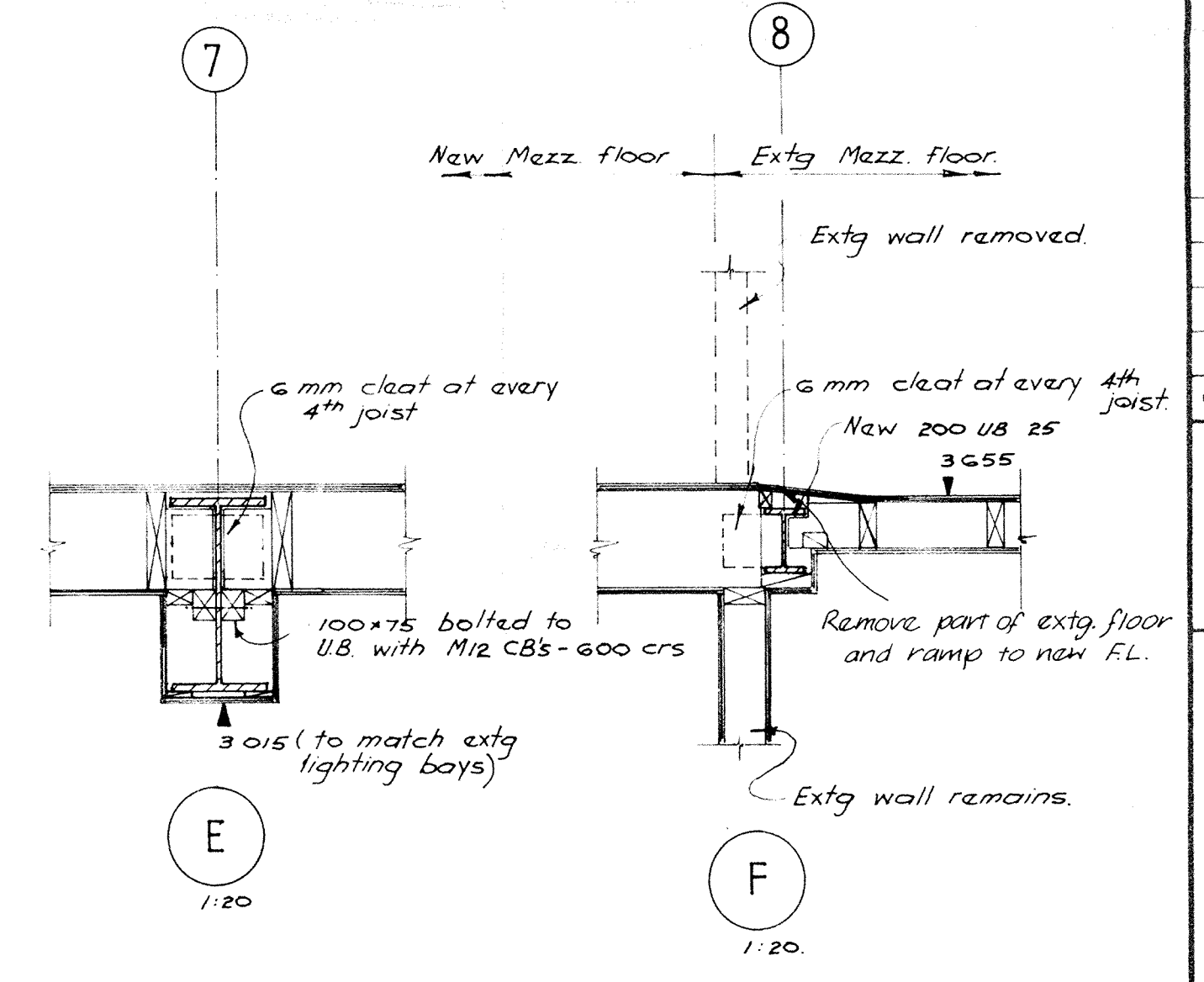
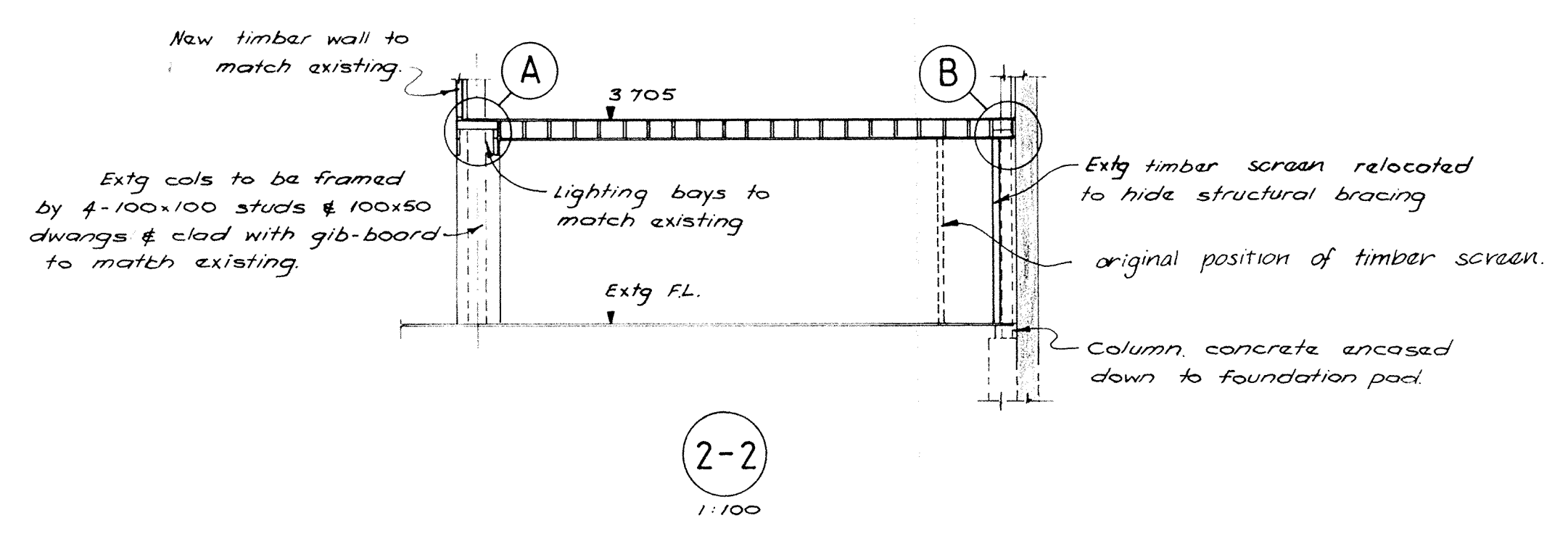
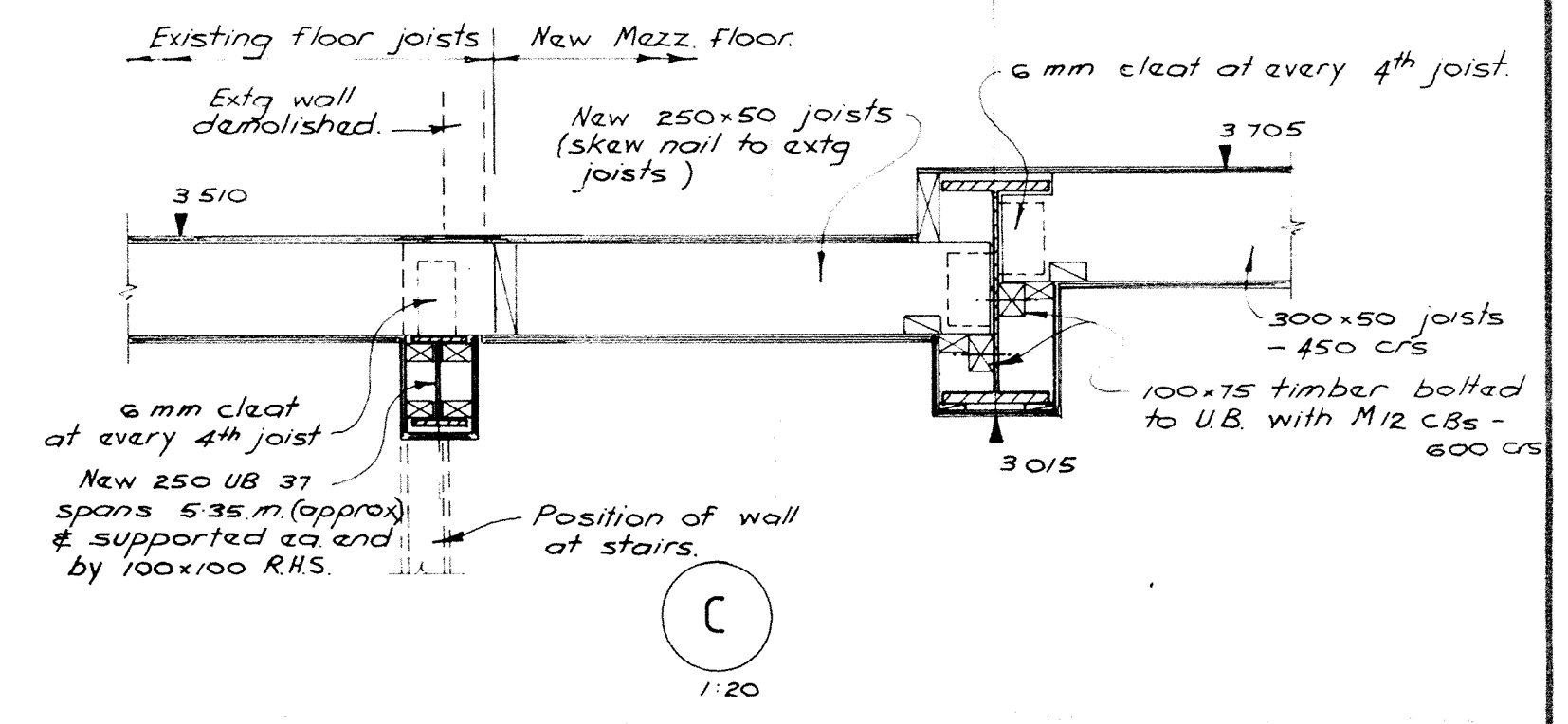
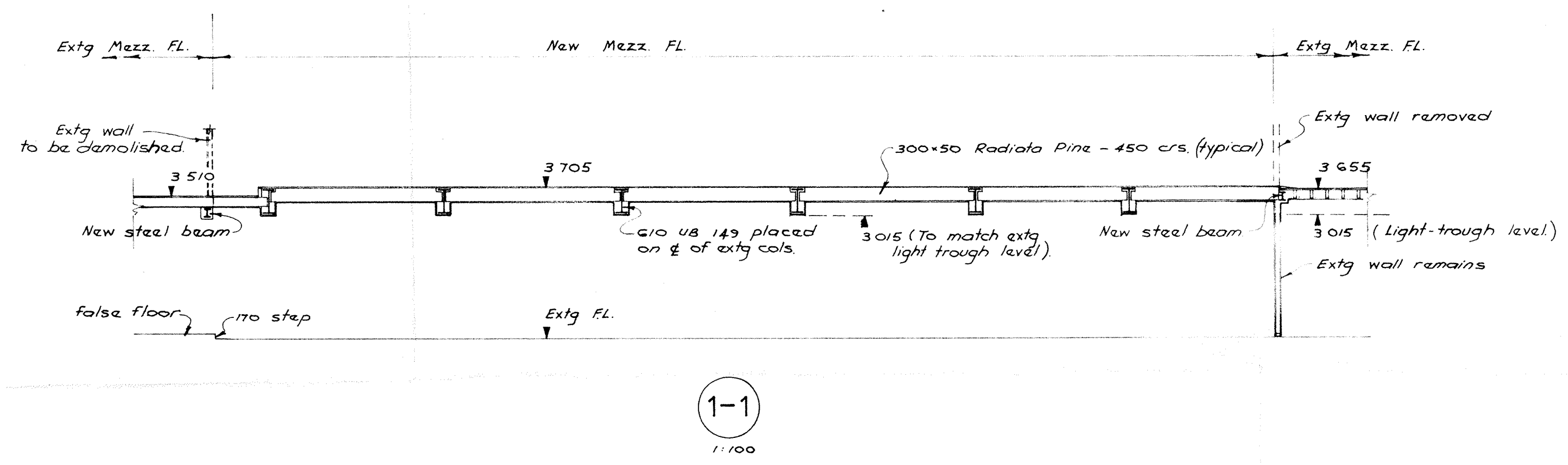
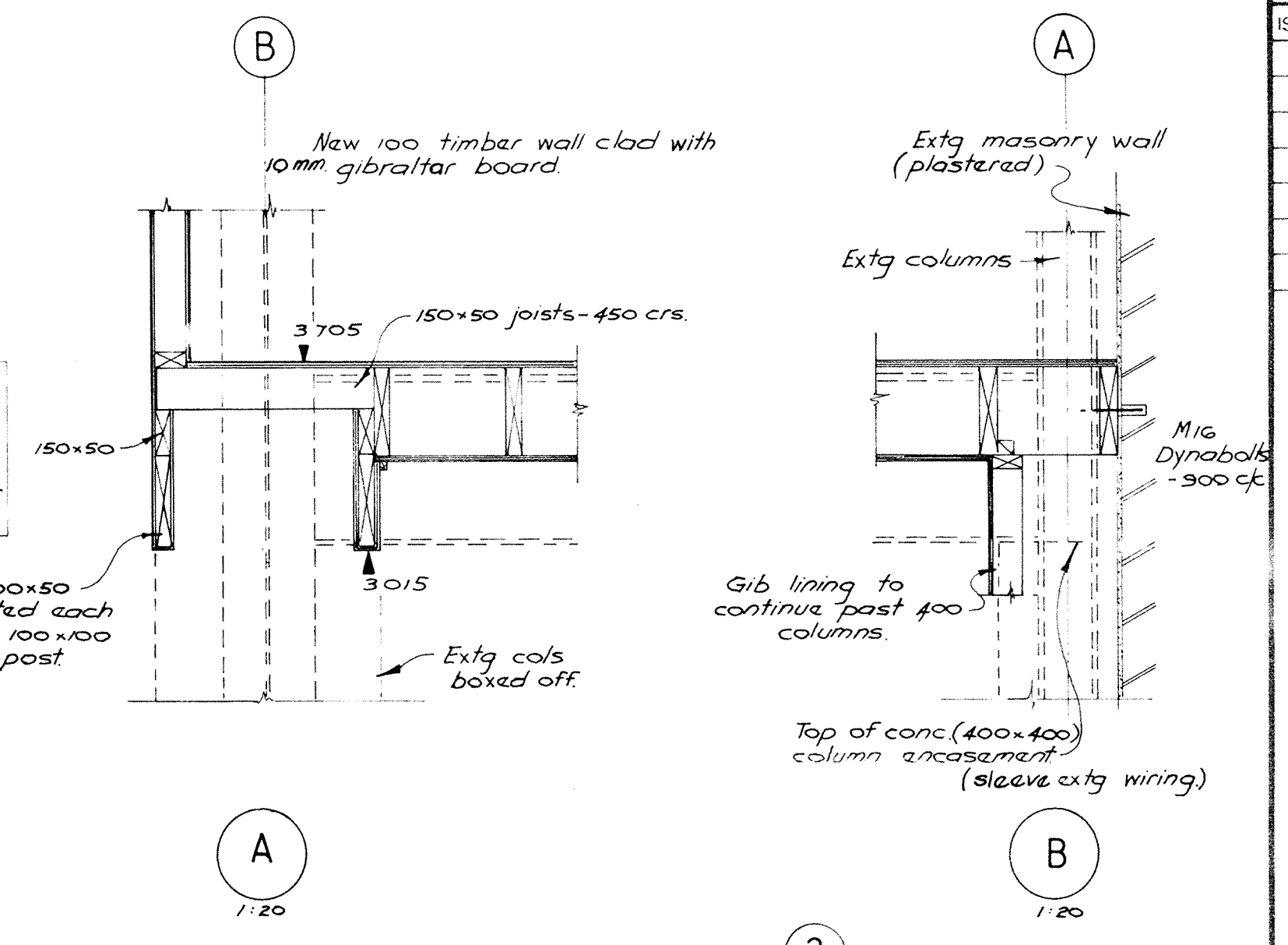
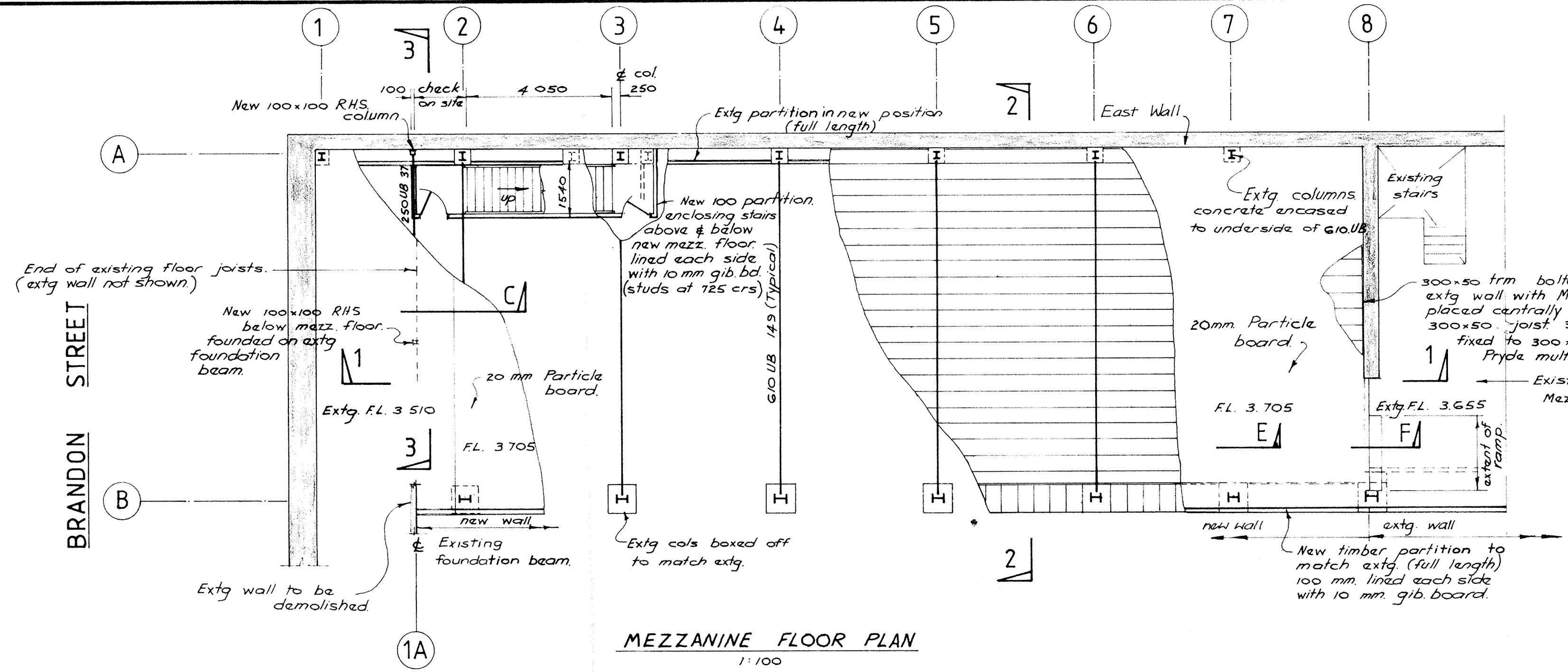
DWG TITLE
 NEW CARTDOCK:
 SHEET 4.

DRAWN	Z. Z.	SCALES
CHECKED		1:10
APP'D		DWG NO
DATE	MAY 1979.	70368-23

CONTRACTORS MUST VERIFY ALL DIMENSIONS AT THE JOB BEFORE COMMENCING ANY WORK OR MAKING ANY SHOP DRAWINGS WHICH MUST BE SUBMITTED AND APPROVED BEFORE MANUFACTURE

ISSUE	AMENDMENT	BY	DATE

- NOTES**
- All levels show are in terms of extg Floor Level.
 - Stairs to have 13 risers & 18 goings. Minimum length of treads to be 1150 to inside of stringers. Allow for Ex 100x50 handrail on one side of stair only to fixed to studs of 100 partition with coach screws.



COPIES	ISSUED TO	DATE

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- AUCKLAND 43 HIGH ST.
- DUNEDIN O.S.B. BUILDING, GEORGE ST.
- LEVIN 30 QUEEN ST.
- PARAPARAUMU BRAZIER'S BUILDING, AMOHIA ST.

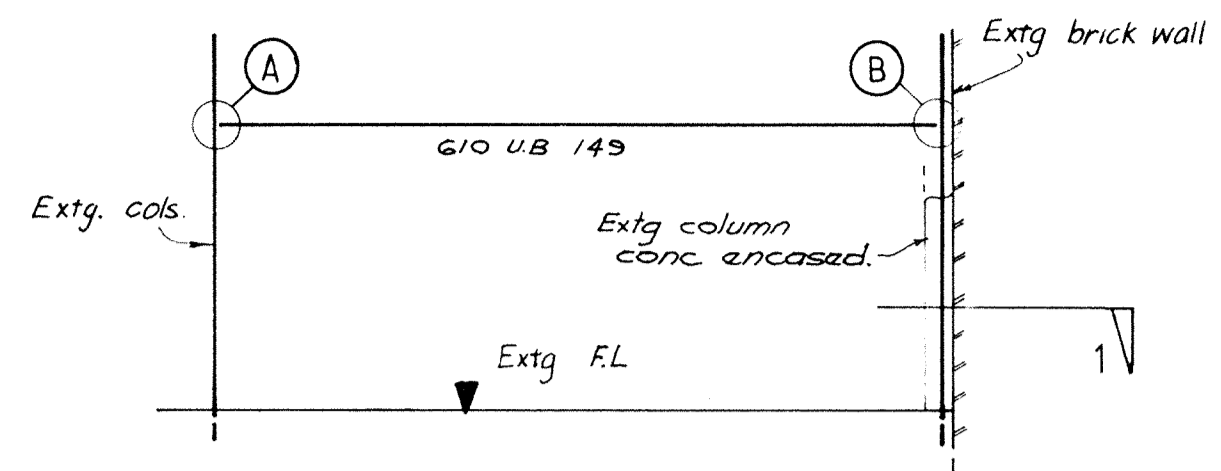
D.I.C. STRUCTURAL STRENGTHENING

EXPANDED GROUND FLOOR MEZZANINE ARCHITECTURAL DETAILS

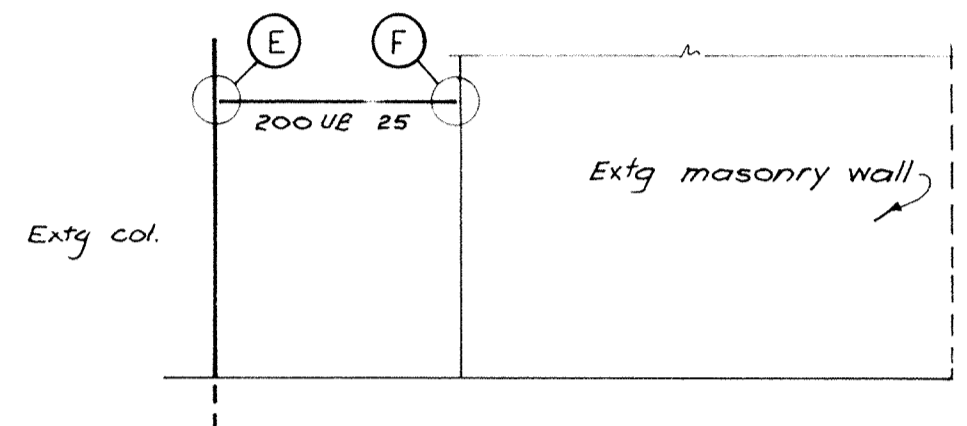
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			19.12.79	As shown	70489-S1

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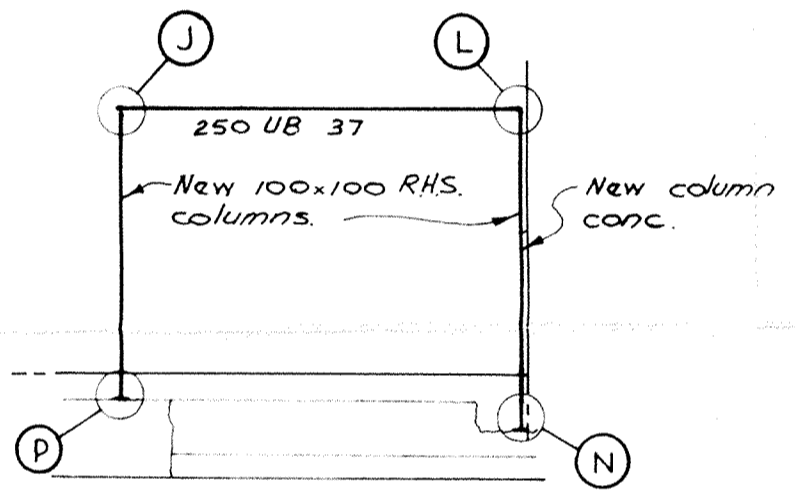
ISSUE	AMENDMENT	BY	DATE



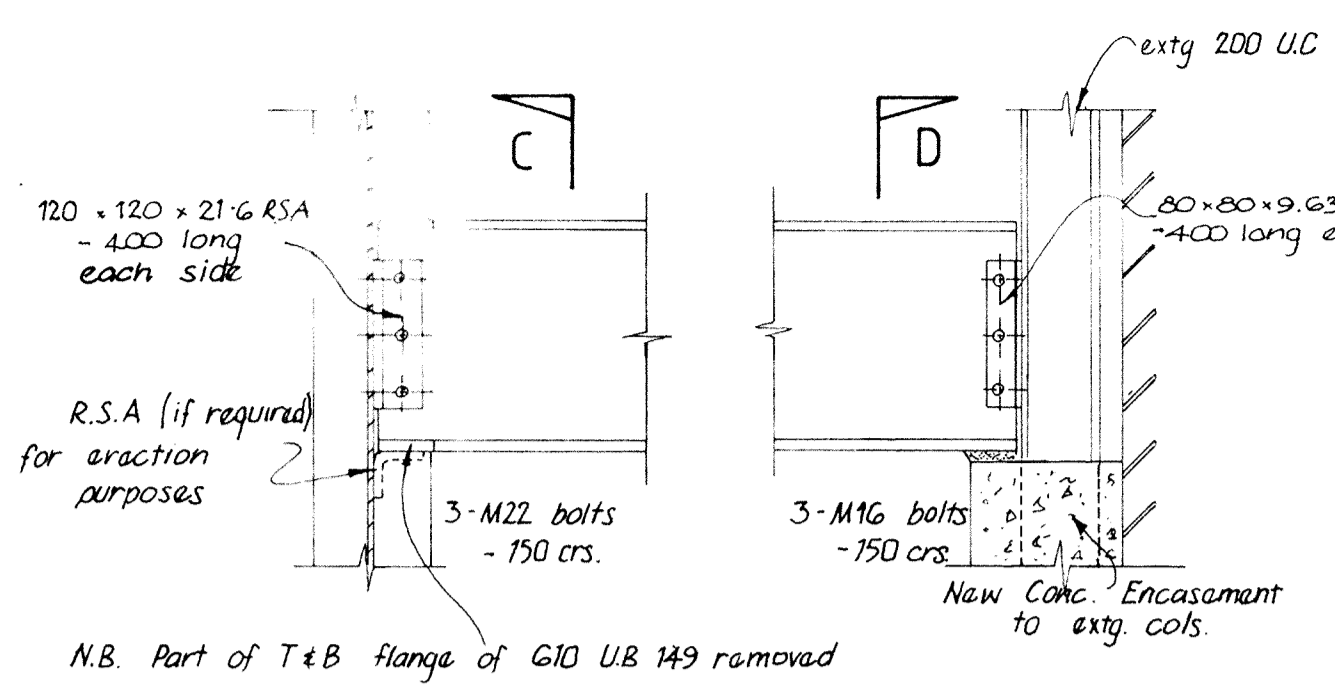
TYPICAL BEAM ϕ 24567
1:100
(ϕ 3 Similar)



NEW BEAM ϕ 8
1:100



NEW FRAME ϕ 1A
1:100



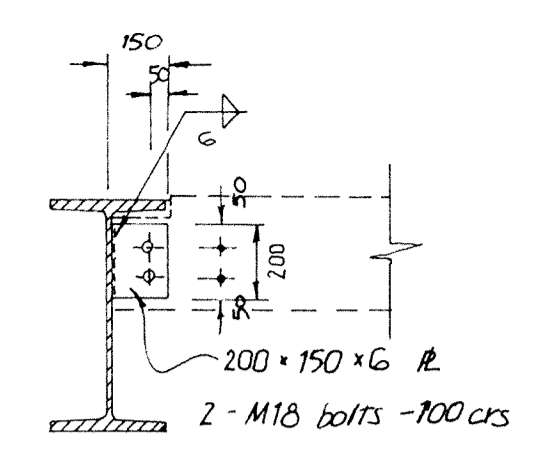
N.B. Part of T & B Flange of G10 UB 149 removed

A
1:20

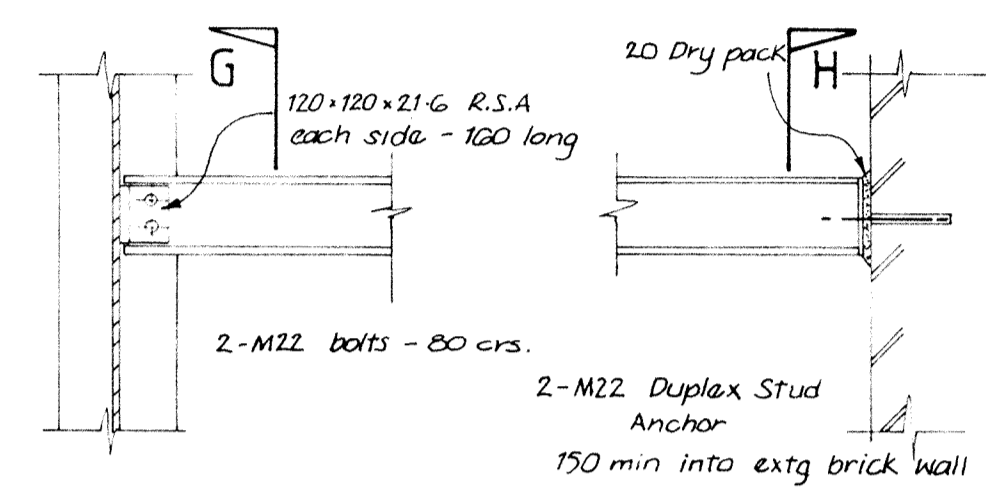
B
1:20

C
1:20

D
1:20



TYPICAL CLEAT (G10 UB 149)
1:20

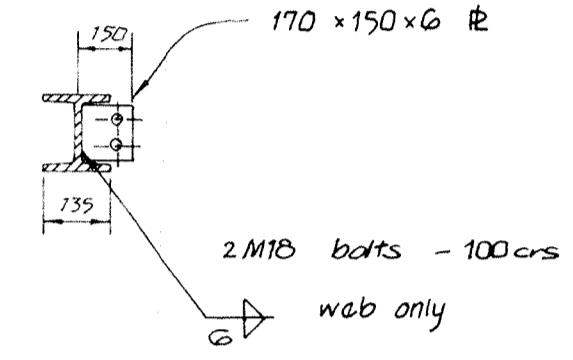


E
1:20

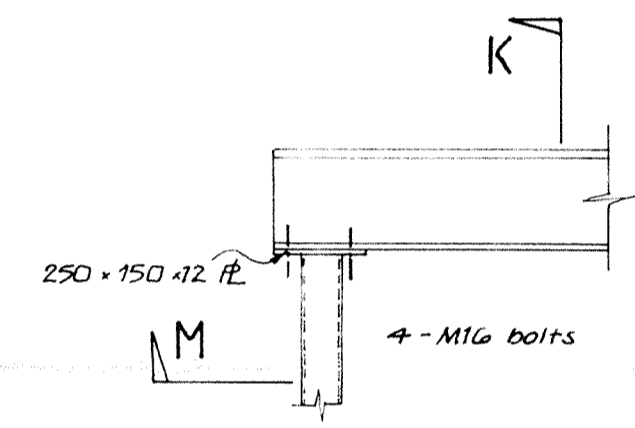
F
1:20

G
1:20

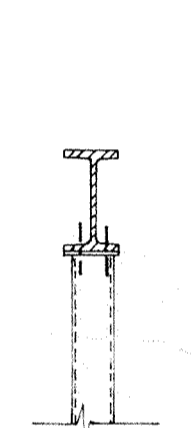
H
1:20



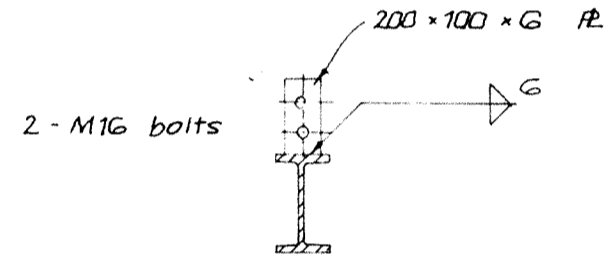
TYPICAL CLEAT (200 UB 25)
1:20



J
1:20

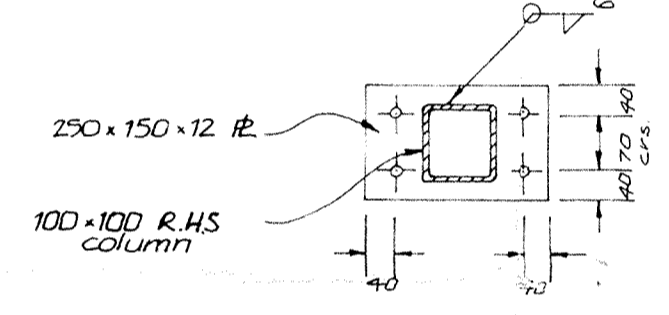


K
1:20

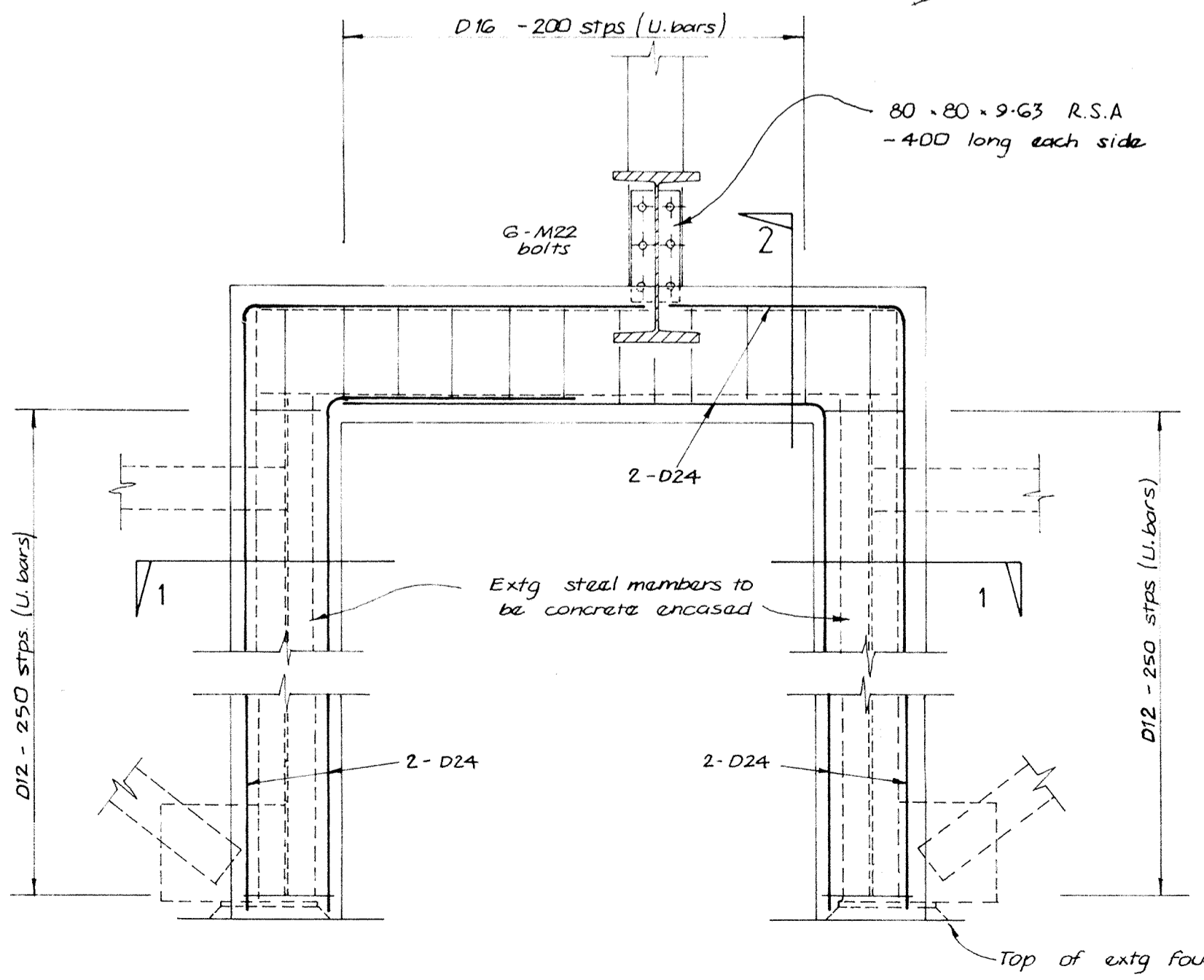


L handed

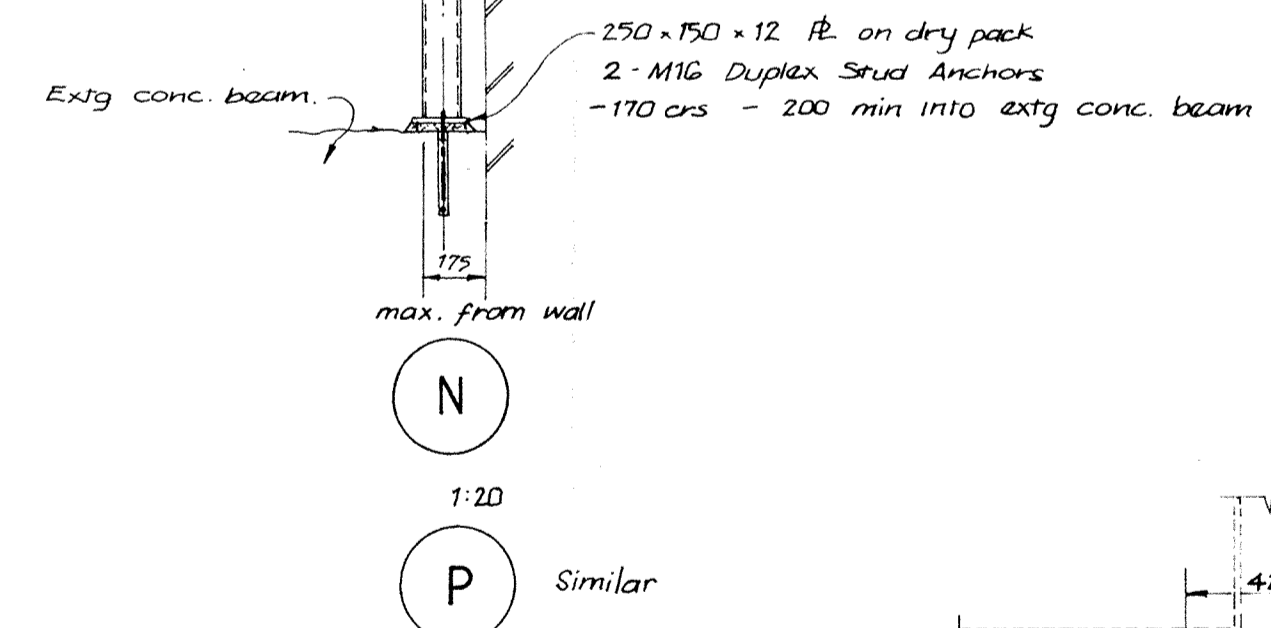
TYPICAL CLEAT (250 UB 37)
1:20



M
1:10

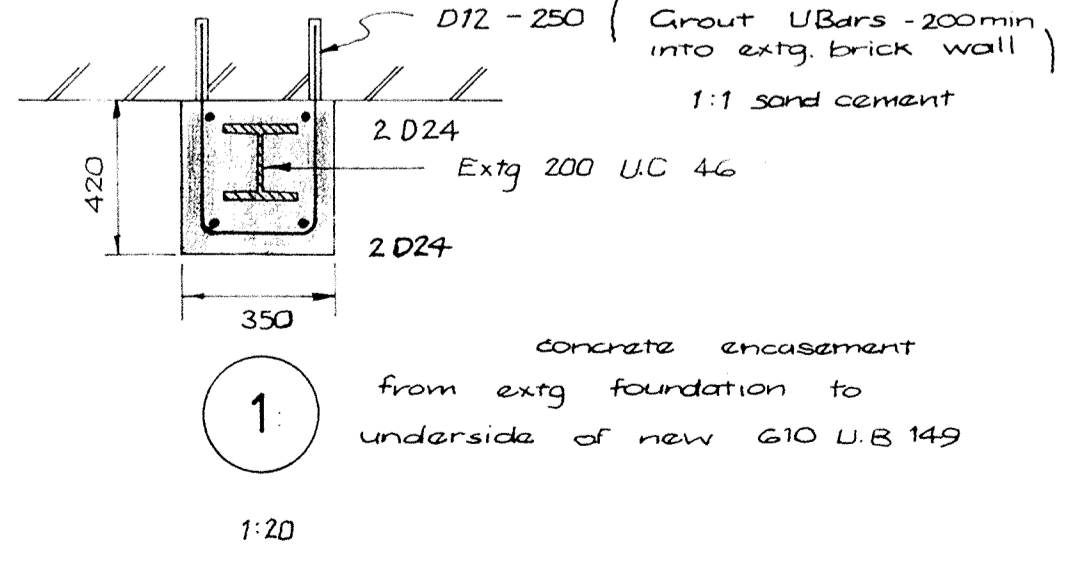


DETAIL AT ϕ 3
1:20

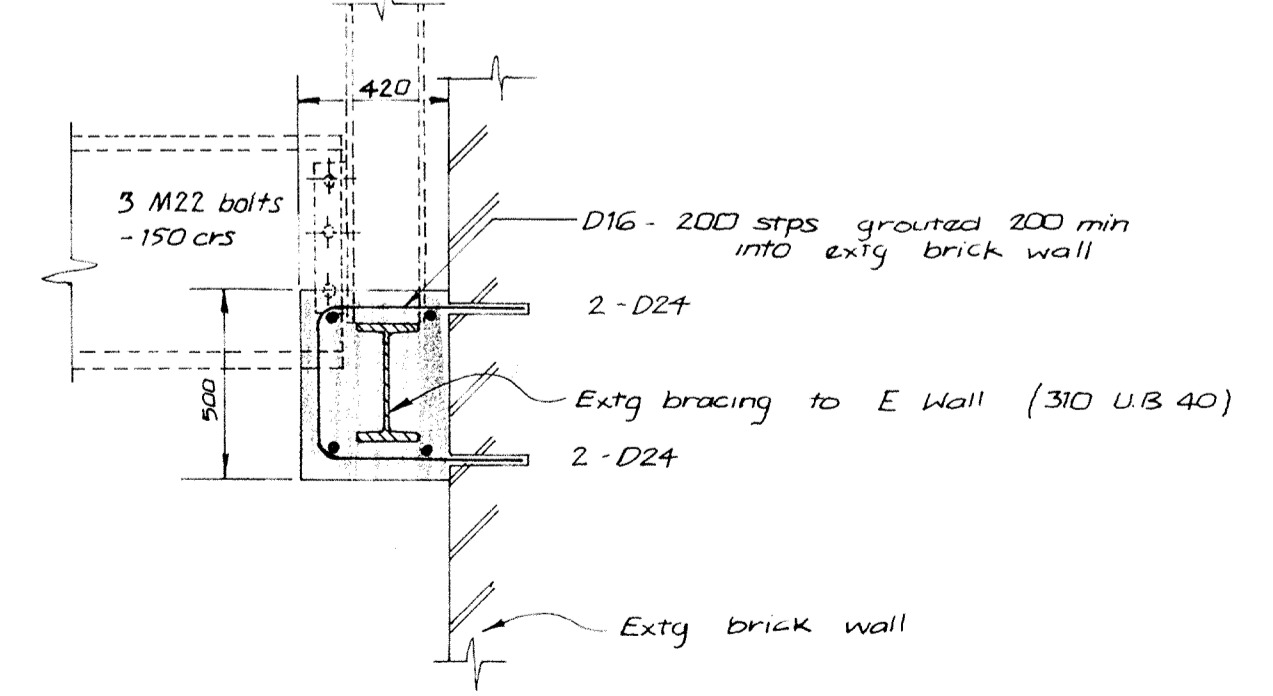


N
1:20

P Similar



1
1:20



2
1:20

COPIES	ISSUED TO	DATE

BRH **ACENZ**
BRICKELL MOSS RANKINE & HILL
CONSULTING ENGINEERS
REGISTERED SURVEYORS

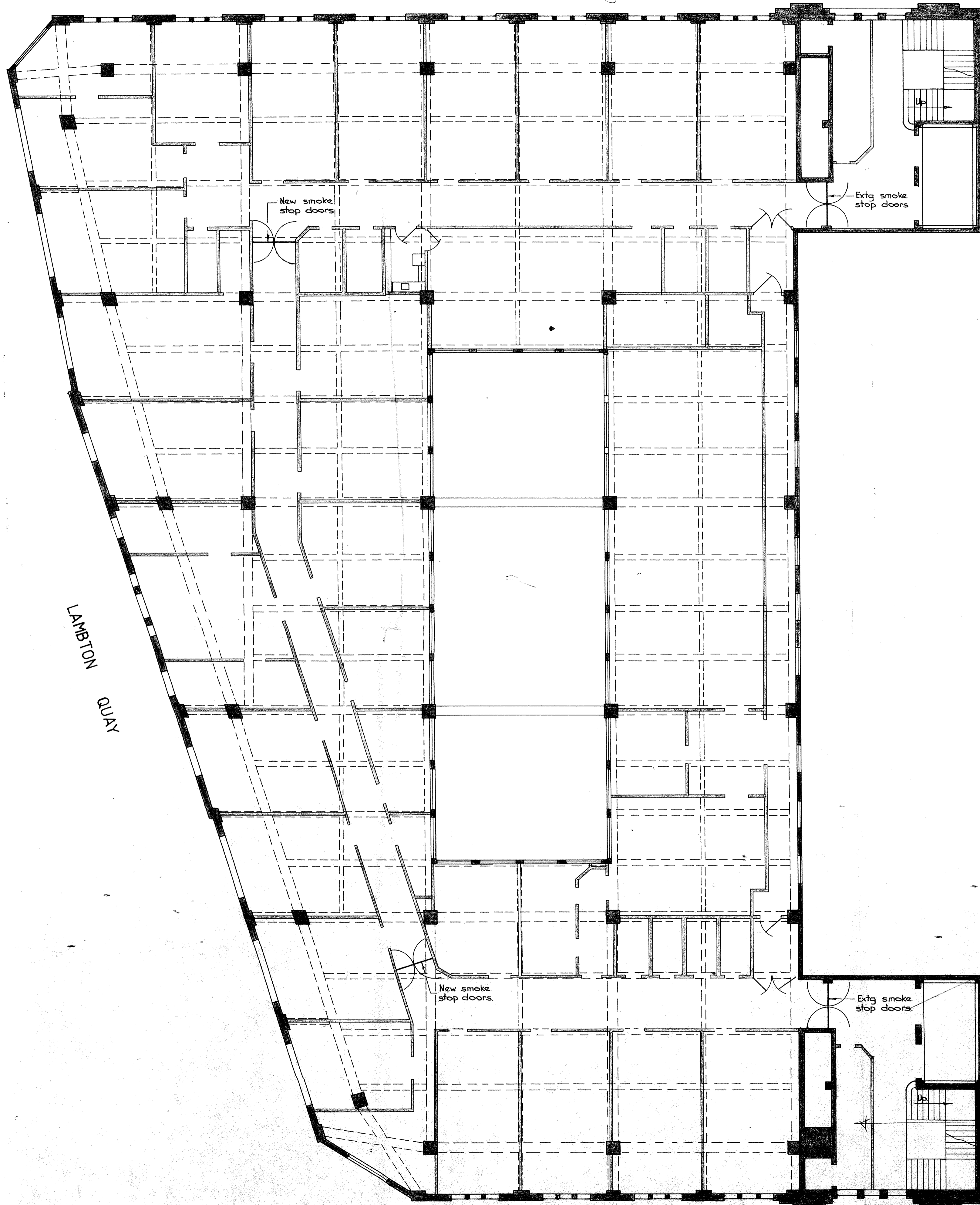
- WELLINGTON SHELL HOUSE, THE TERRACE.
- LOWER HUTT 7 DALY ST.
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JOB TITLE
DIC STRUCTURAL STRENGTHENING

DWG TITLE
EXPANDED GROUND FLOOR MEZZANINE STRUCTURAL DETAILS

DRAWN CS	SCALES
CHECKED <i>[Signature]</i>	1:10 1:20
APP'D <i>[Signature]</i>	DWG NO 70489 - S2
DATE 10 JAN 1980	

BRANDON ST



LAMBTON QUAY

PANAMA ST.

6.8.80

M. Howell. to note.

Site meeting Bill Champion
R. H. Faulner

To be upgraded
if necessary.

Storage room to be
protected.

CONTRACTORS MUST VERIFY ALL DIMENSIONS AT THE JOB BEFORE COMMENCING ANY WORK OR MAKING ANY SHOP DRAWINGS WHICH MUST BE SUBMITTED AND APPROVED BEFORE MANUFACTURE.

ISSUE	AMENDMENT	BY	DATE

COPIES	ISSUED TO	DATE

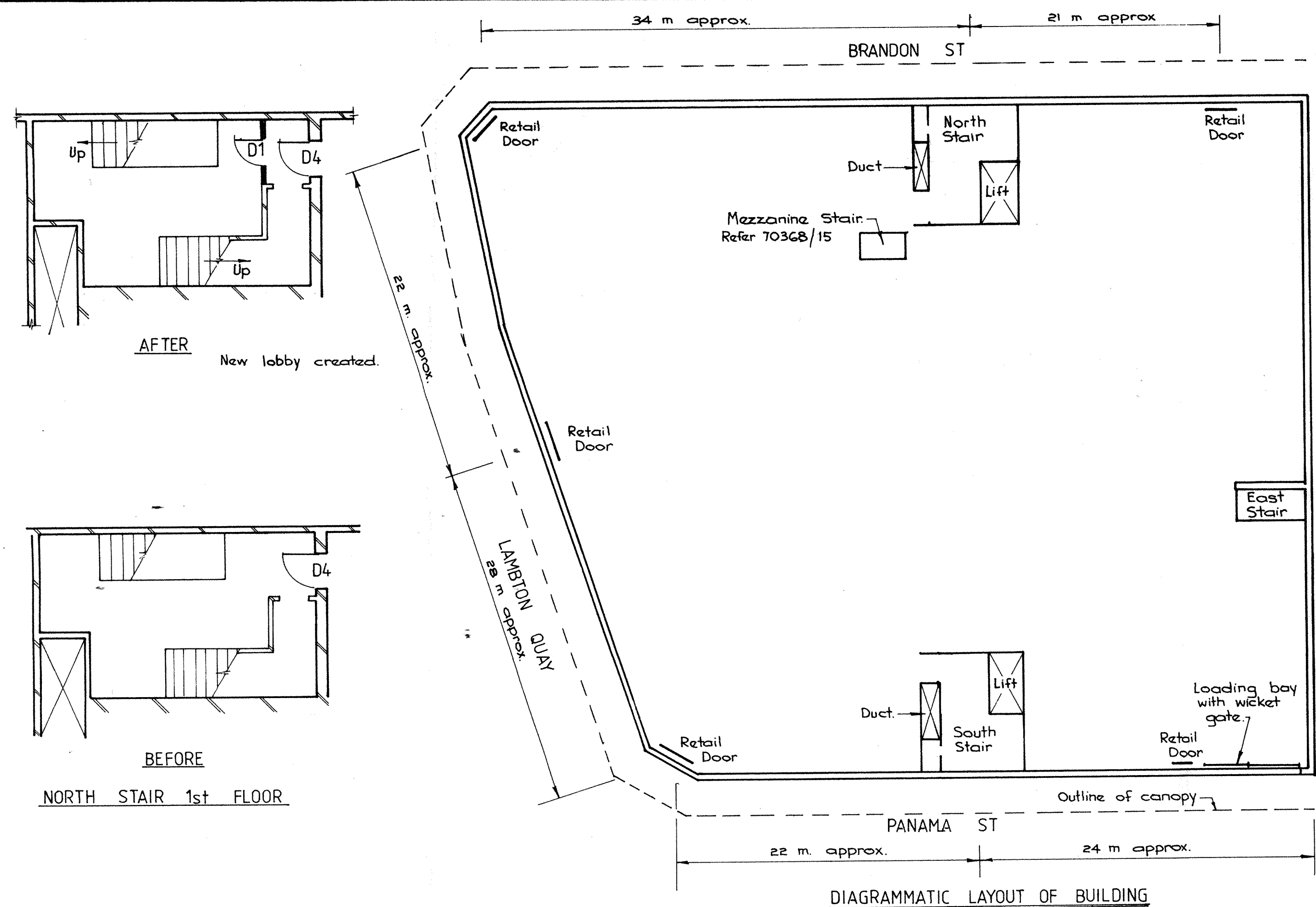
BM RH 
BRICKELL MOSS RANKINE & HILL
 CONSULTING ENGINEERS
 REGISTERED SURVEYORS

- WELLINGTON SHELL HOUSE, THE TERRACE.
- LOWER HUTT 7 DALY ST.
- AUCKLAND 43 HIGH ST.
- DUNEDIN O.S.B. BUILDING, GEORGE ST.
- LEVIN 30 QUEEN ST.
- PARAPARAUMU BRAZIER'S BUILDING, AMOHIA ST.

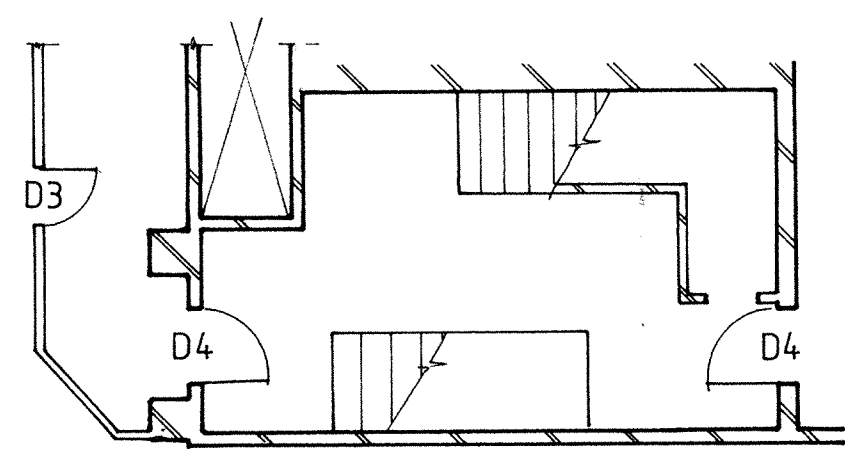
JOB TITLE
DIC STRENGTHENING

DWG TITLE
SMOKE CONTROL DOORS IN TOWER

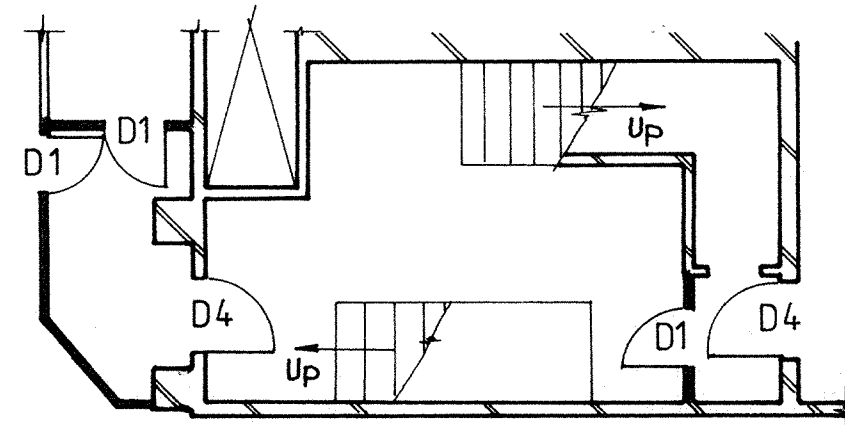
DRAWN	SCALES
CHECKED	1:100
APP'D	DWG NO
DATE 31.7.80	70368 - 28



Note: North and South stair only connected to retail area via openings shown.

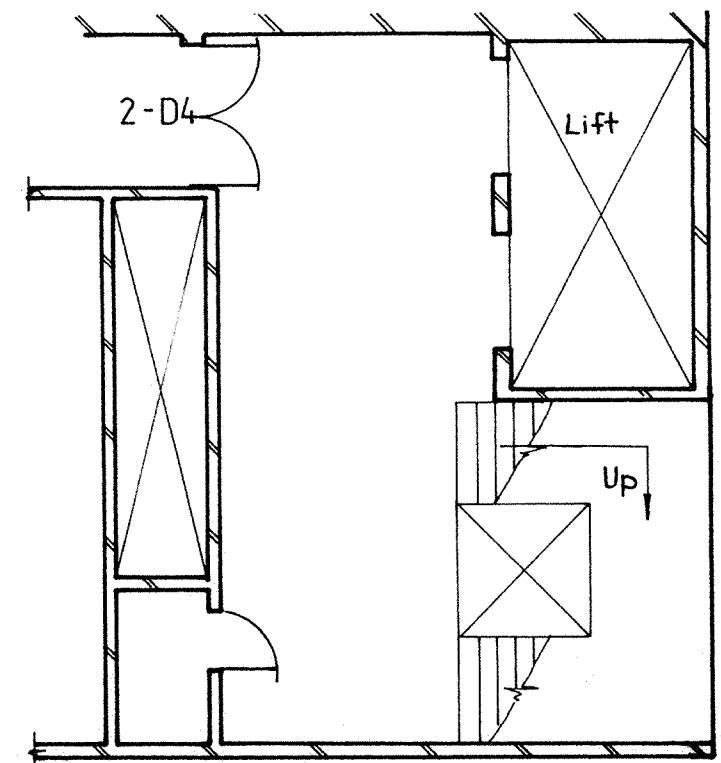


BEFORE



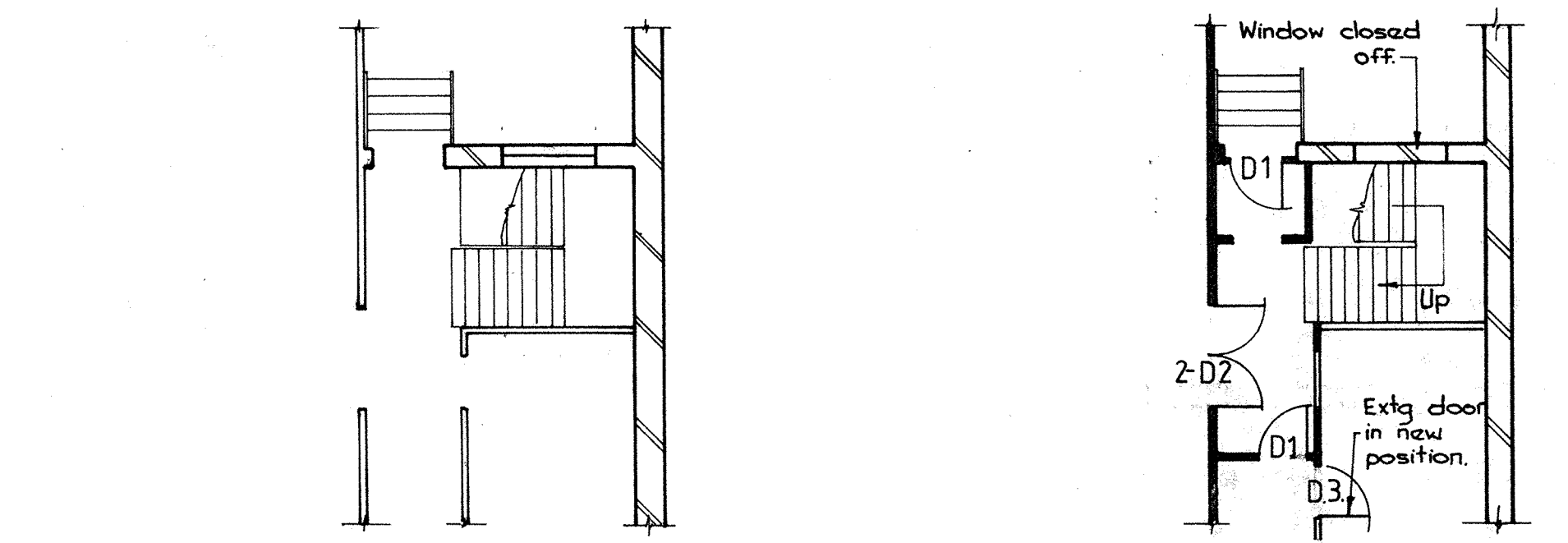
AFTER

NORTH STAIR 1st FLOOR
New lobby created



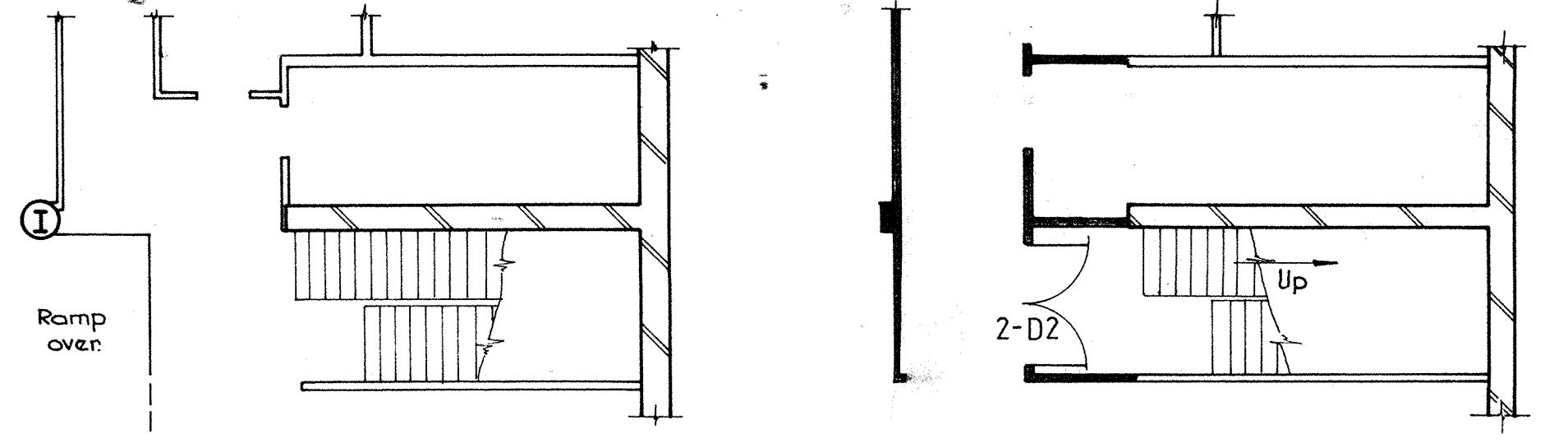
UNALTERED

SOUTH STAIR 2nd FLOOR & ABOVE
NORTH STAIR 2nd FLOOR & ABOVE MIRRORED



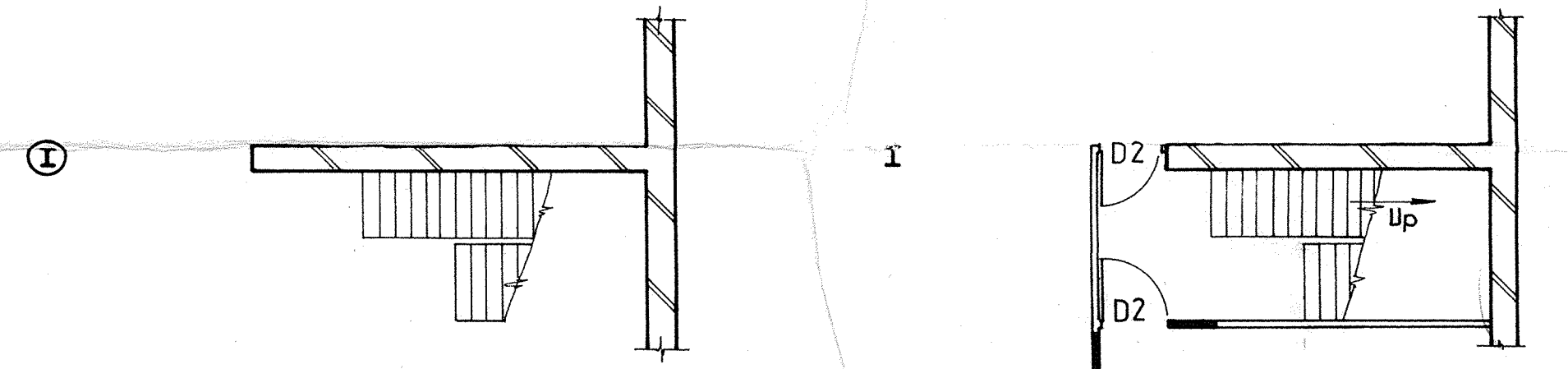
BEFORE
EAST STAIR 3rd FLOOR

AFTER
Smoke lobby created
Walls relined.



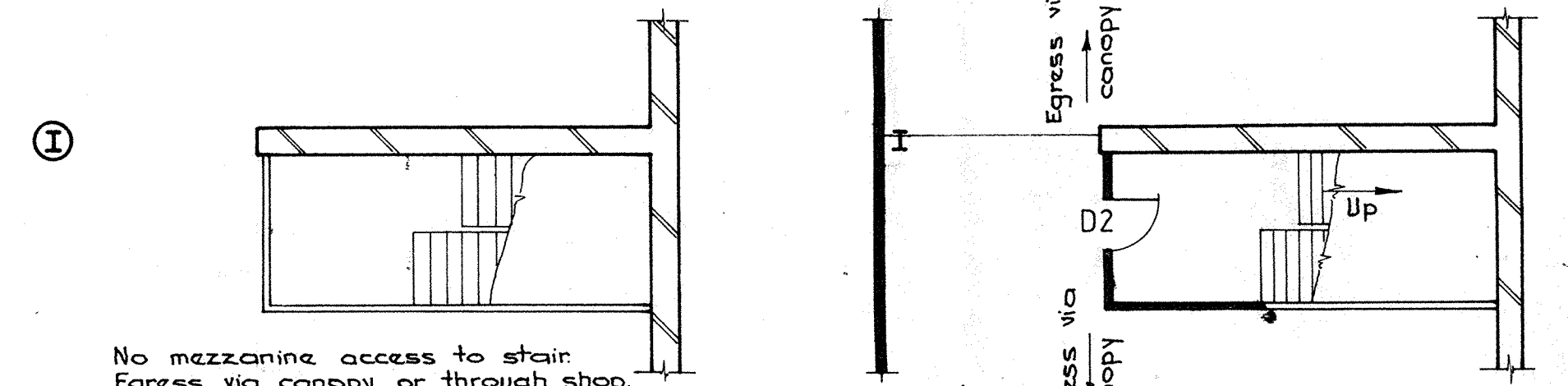
BEFORE
EAST STAIR 2nd FLOOR

AFTER
New lobby created
Passages relined.



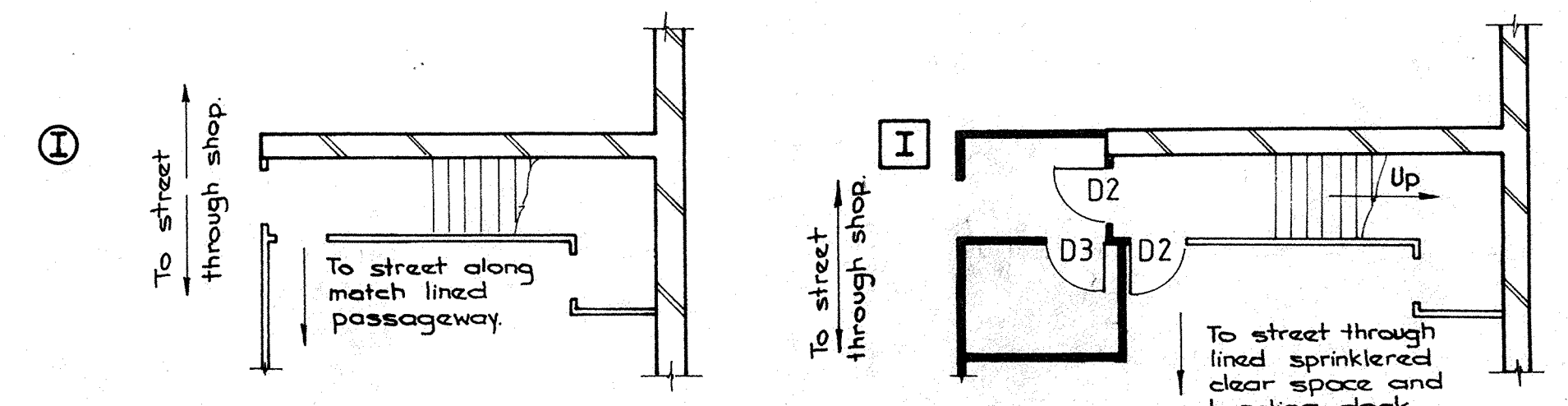
BEFORE
EAST STAIR 1st FLOOR

AFTER
New lobby formed.



BEFORE
EAST STAIR GROUND FLOOR MEZZANINE

AFTER



BEFORE
EAST STAIR GROUND FLOOR

AFTER

CONTRACTORS MUST VERIFY ALL DIMENSIONS AT THE JOB BEFORE COMMENCING ANY WORK OR MAKING ANY SHOP DRAWINGS WHICH MUST BE SUBMITTED AND APPROVED BEFORE MANUFACTURE.

ISSUE	AMENDMENT	BY	DATE

- NOTES**
- New 1 hour F.R.R. partition or existing partitions upgraded to 1 hour F.R.R.
 - D1. New Smoke Stop Door
 - D2. " with Georgian wired glass panels.
 - D3. Existing door (not fire rated)
 - D4. Existing door (Fire rated).
 - First floor access to canopy possible on N.S. & W. faces of building.

COPIES	ISSUED TO	DATE

BRICKELL MOSS RANKINE & HILL
CONSULTING ENGINEERS
REGISTERED SURVEYORS

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- LOWER HUTT 7 DALY ST.
- AUCKLAND 43 HIGH ST.
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- LEVIN 30 QUEEN ST.
- PARAPARAUMU BRAZIER'S BUILDING, AMOHIA ST.

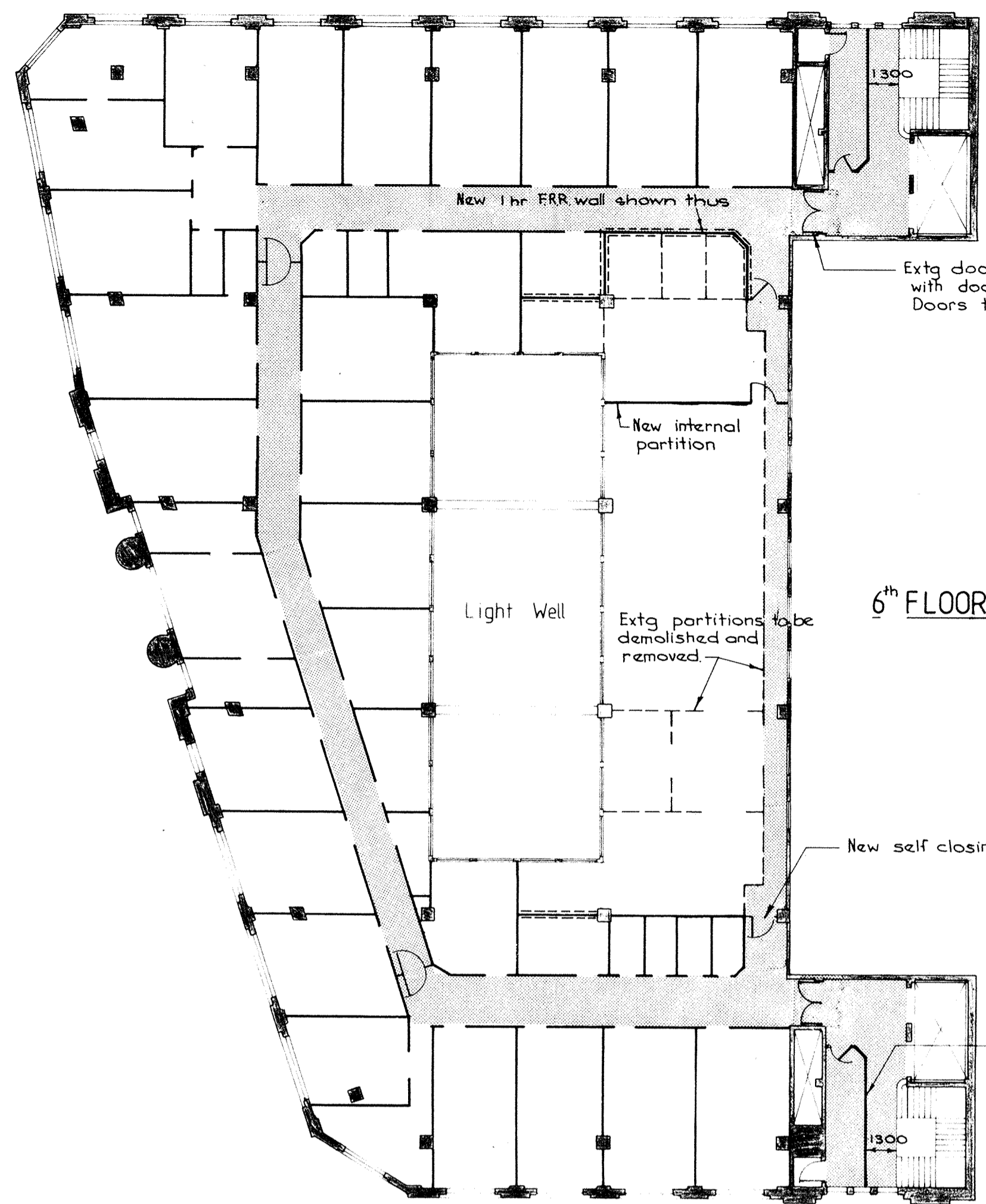
JOB TITLE
DIC STRUCTURAL STRENGTHENING

DWG TITLE
COMPARISON OF EXITS BEFORE & AFTER ALTERATIONS

DRAWN	CHECKED	APP'D	DATE	SCALE	DWG NO
			July 1980	1:100	7068-30

CONTRACTORS MUST VERIFY ALL DIMENSIONS AT THE JOB BEFORE COMMENCING ANY WORK OR MAKING ANY SHOP DRAWINGS WHICH MUST BE SUBMITTED AND APPROVED BEFORE MANUFACTURE

ISSUE	AMENDMENT	BY	DATE



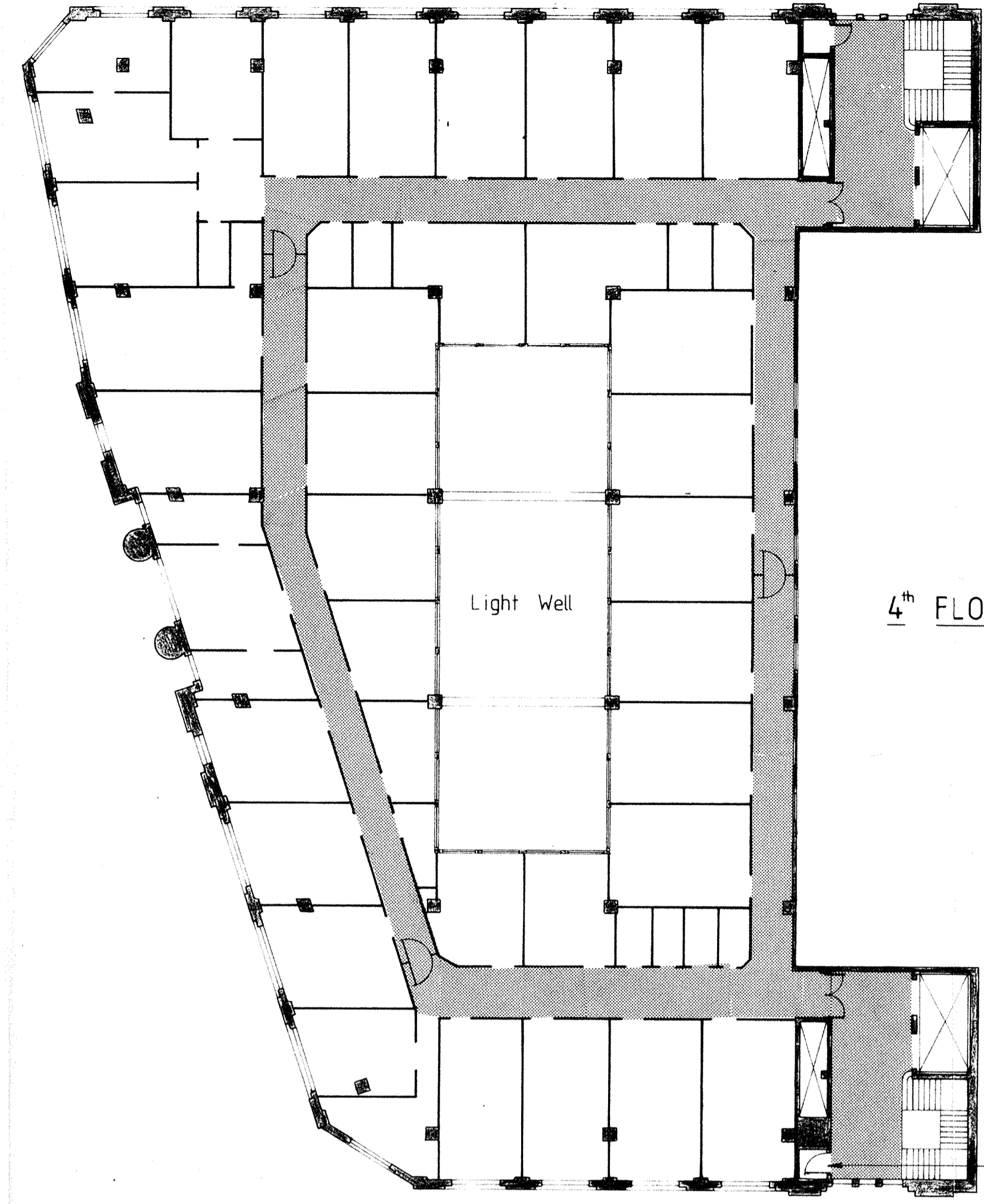
Extg doors & frame to be removed & replaced with doors etc. to match those on other floors. Doors to open into stairwell. (2 no.)

New internal partition

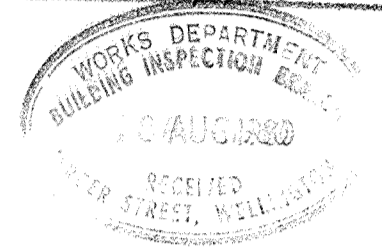
Extg partitions to be demolished and removed

New self closing "Type A" fire doors to tenancy (2 No.)

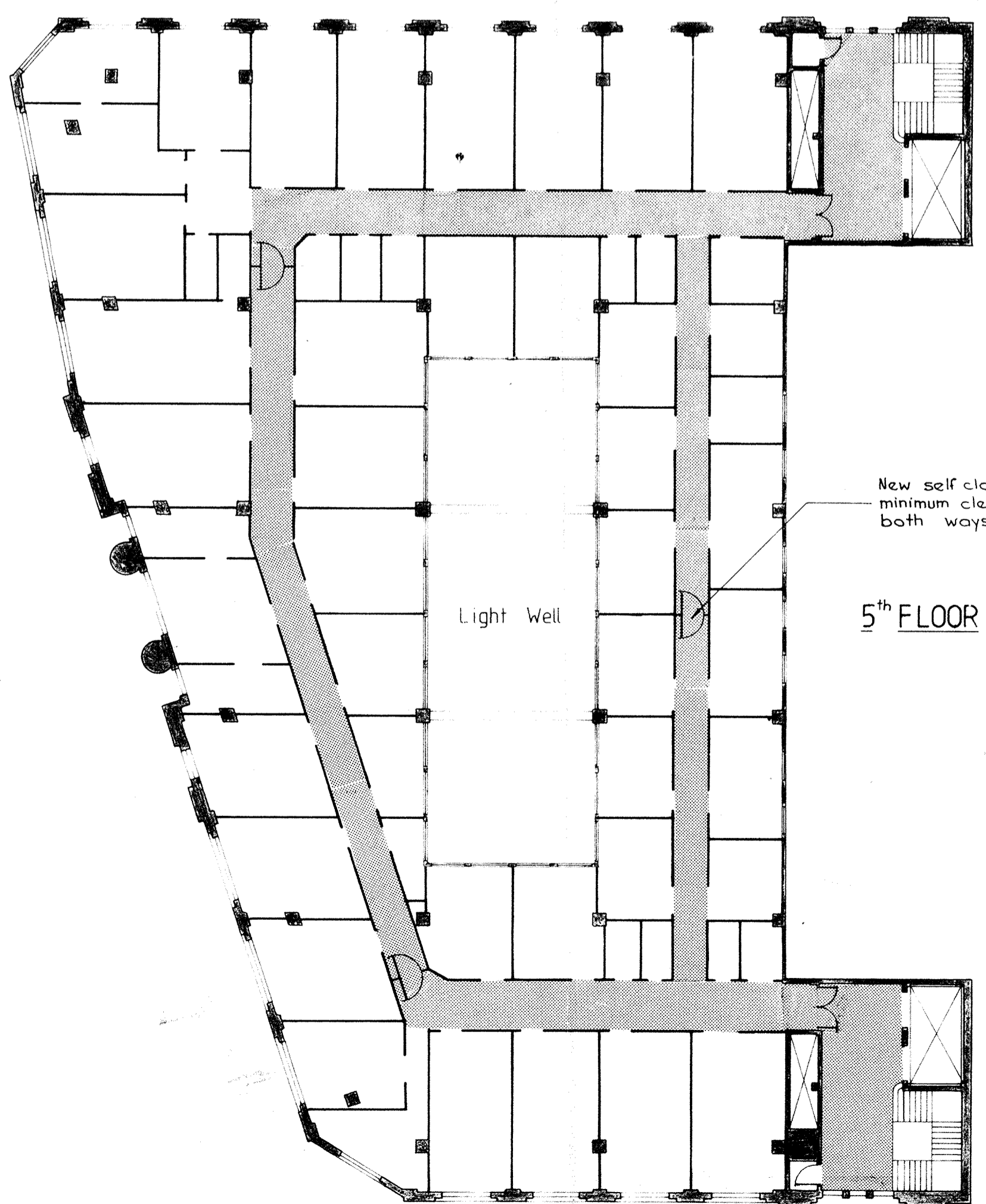
Extg partitions on both landings to be demolished and removed



AMENDED PLAN
 APPROVED BY *[Signature]* DATE 30/9/80

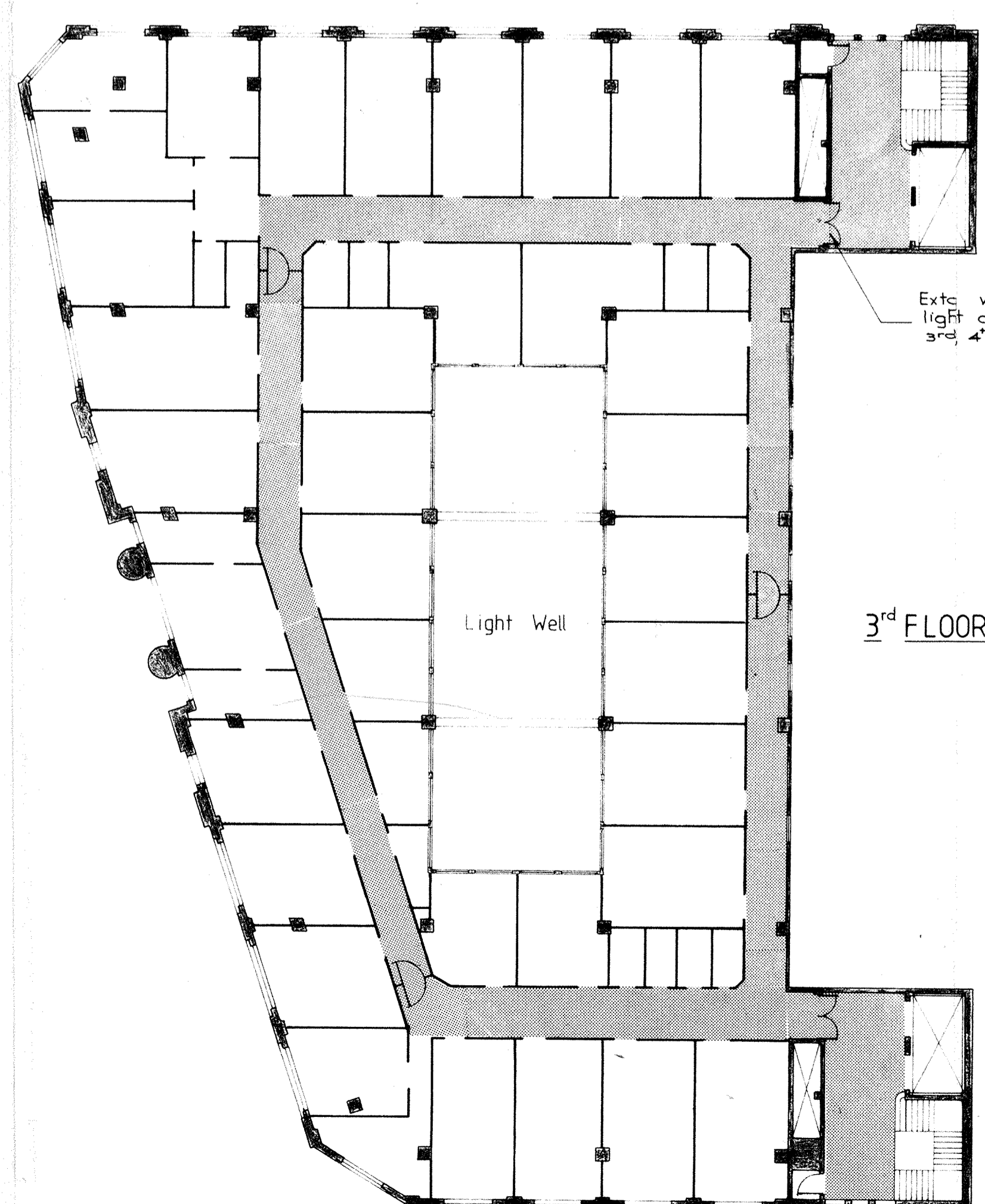


Doors to these cupboards on each landing to be replaced with Type A fire doors or upgraded to 1/2 hr FRR (8 no.)



New self closing wired glass "Type A" fire doors with minimum clear opening of 1000. Doors to swing both ways. (3 No. on each of 3rd, 4th and 5th floors & 2 No. on 6th floor)

D.I.C.



Extg wired glass doors with wired glass light over to remain in each exitway at 3rd, 4th & 5th floors. (6 No doorways total)

COPIES	ISSUED TO	DATE

BM RH
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 CONSULTING ENGINEERS
 REGISTERED SURVEYORS

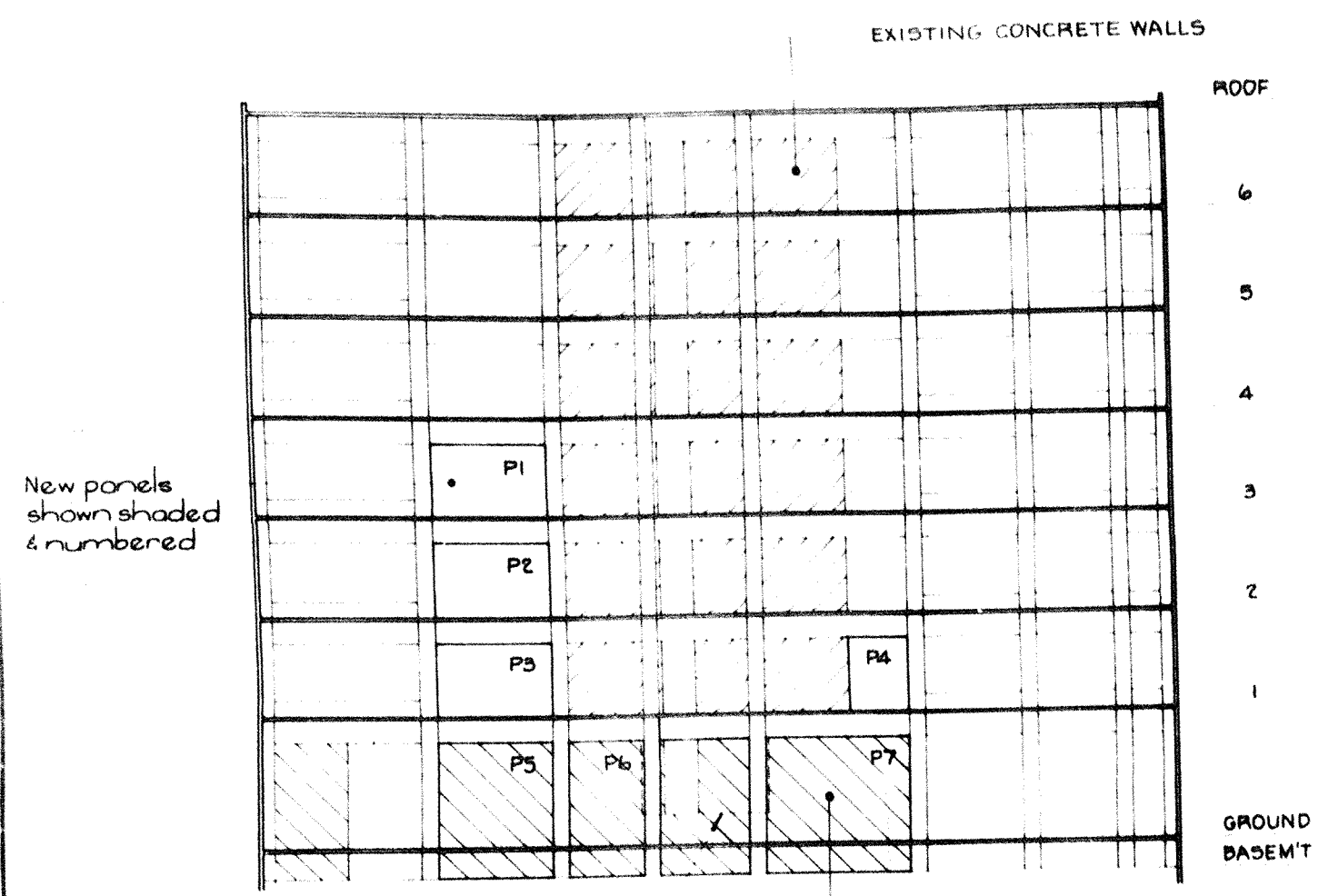
- WELLINGTON SHELL HOUSE THE TERRACE.
- LOWER HUTT 7 DALY ST.
- AUCKLAND 43 HIGH ST.
- DUNEDIN O.S.B. BUILDING, GEORGE ST.
- LEVIN 30 QUEEN ST.
- PARAPARAUMU BRAZIER'S BUILDING, AMOHIA ST.

JOB TITLE
D.I.C. STRENGTHENING

DWG TITLE
FIRE EGRESS UPGRADING TOWER LEVELS 3,4,5,6

DRAWN C.P.S.	SCALES
CHECKED	1:200
APP'D	DWG NO
DATE 7 8 80	70368-31

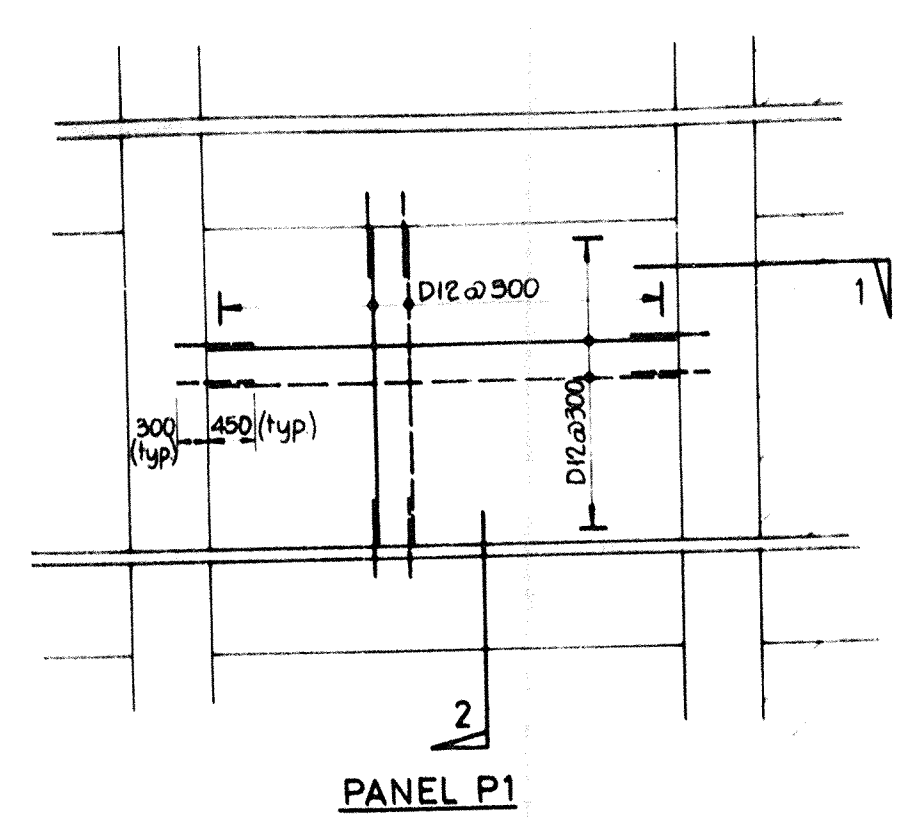
ISSUE	AMENDMENT	DATE



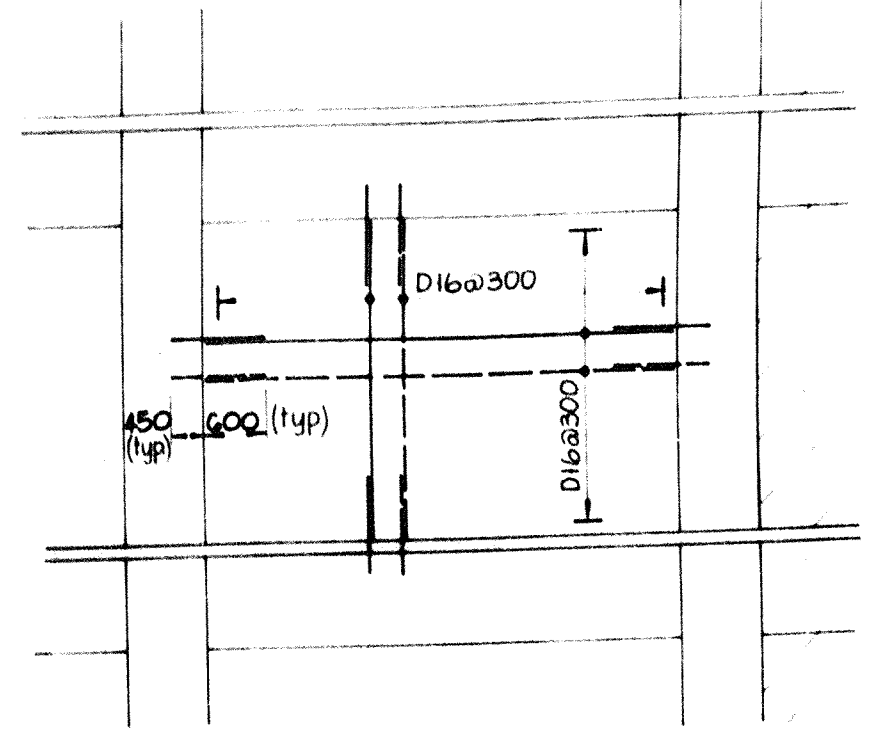
New panels shown shaded & numbered

SWITCH ROOM BEYOND

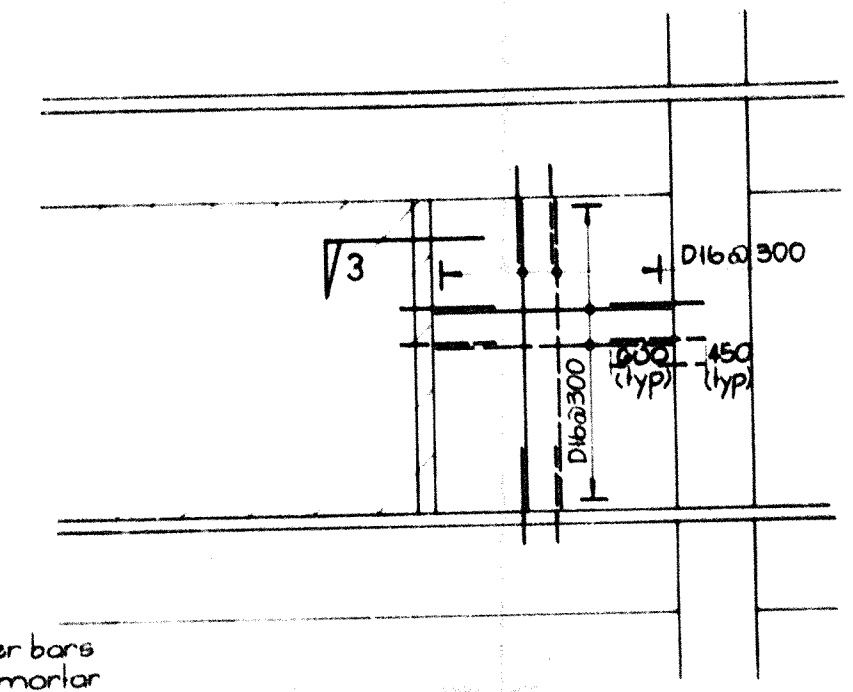
SECTIONAL ELEVATION A
(Scale NTS)



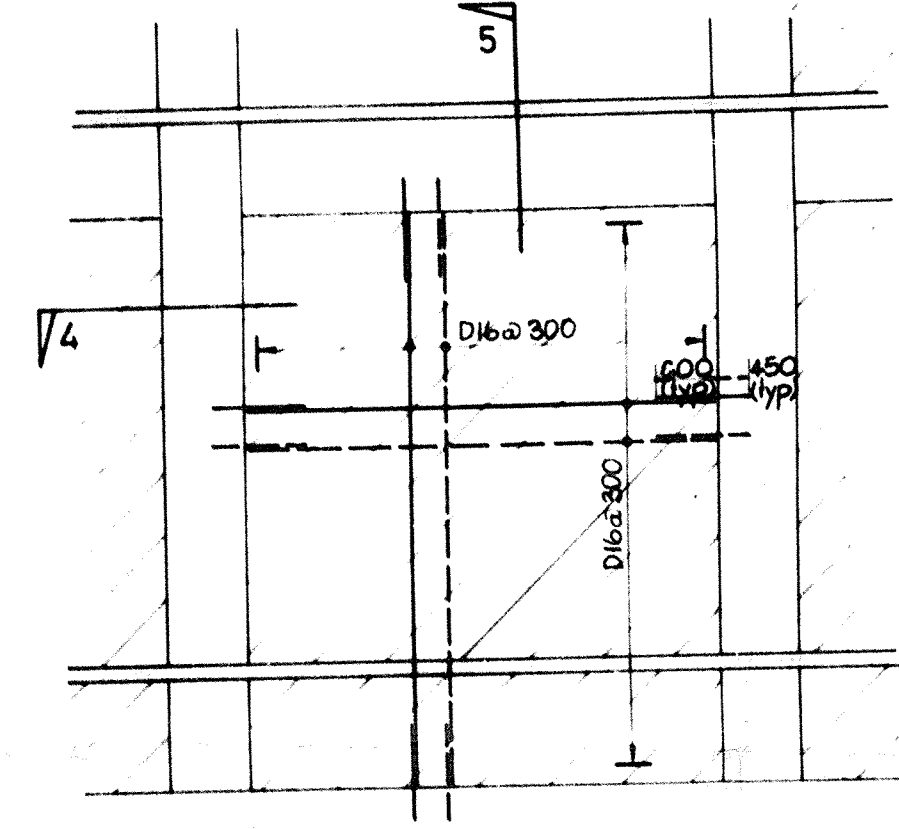
PANEL P1



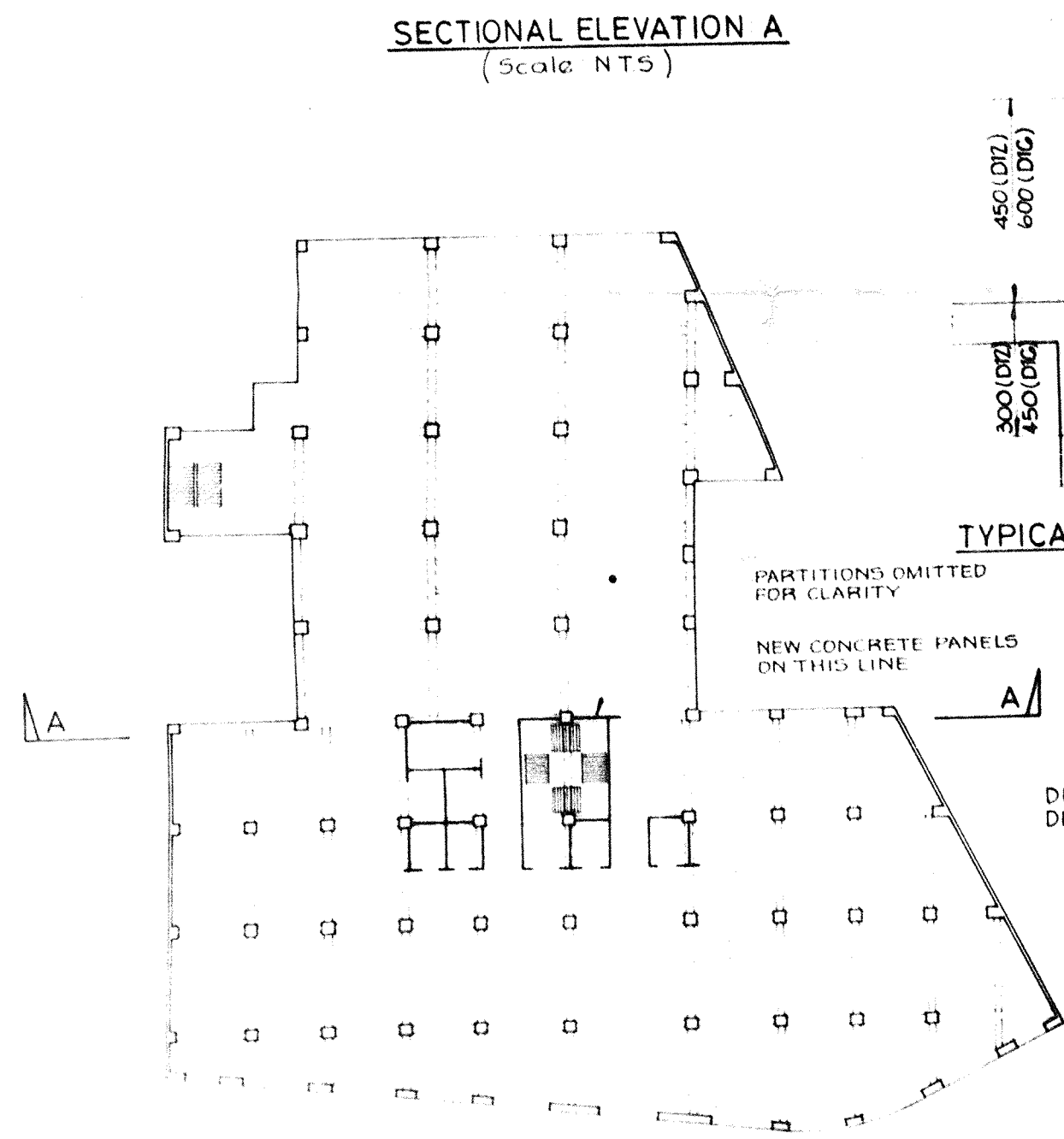
PANELS P2 & P3



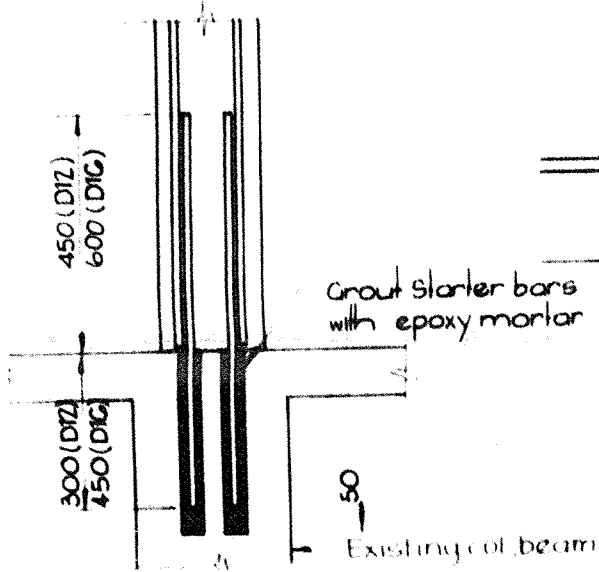
PANEL P4



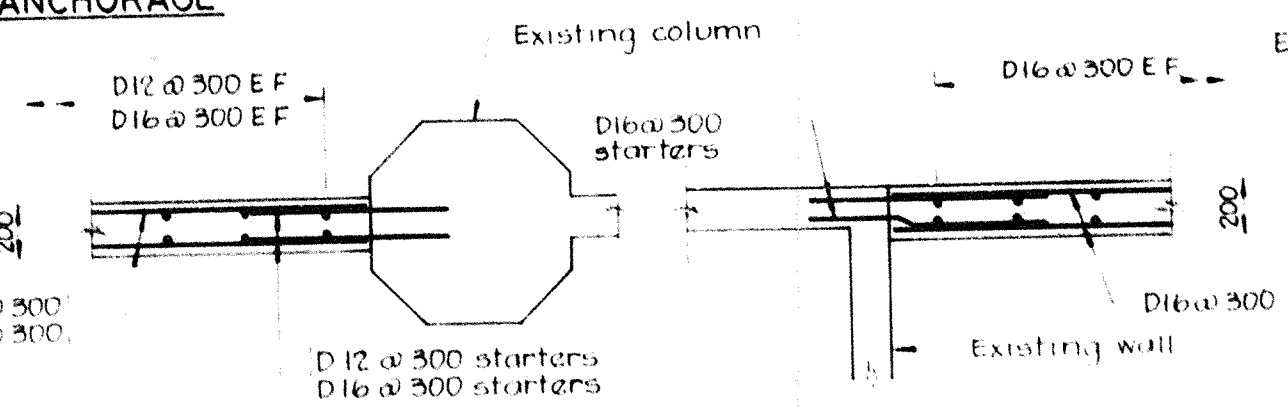
PANELS P5, P6, P7



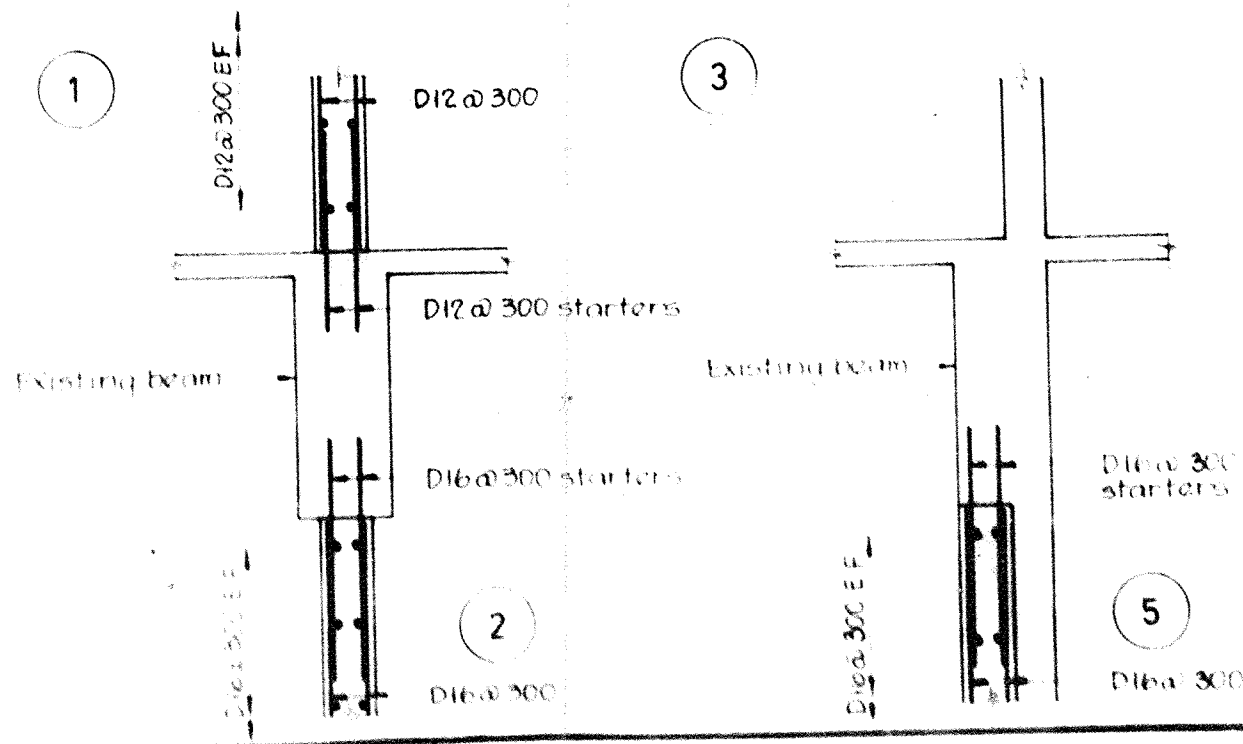
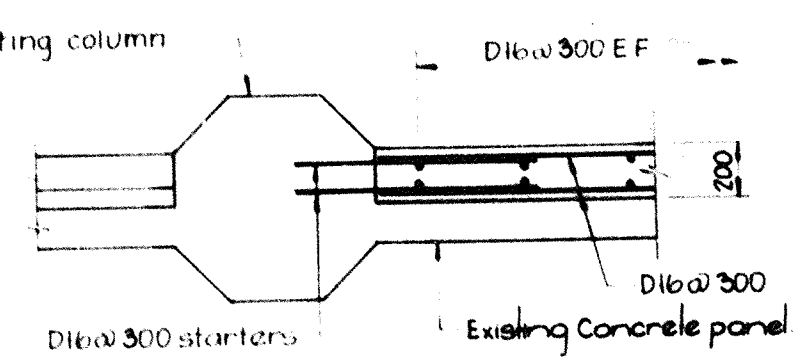
TYPICAL FLOOR PLAN
(Scale NTS)



TYPICAL ANCHORAGE



PANEL ELEVATIONS
NTS



- NOTES -
- Concrete strength to be 20 MPa at 28 days
 - Remove existing walls before construction of panels P1, P2, P3 & P4
 - Check panel dimensions on site
 - Procedure
Drill all holes 20mm oversize, fill holes with epoxy mortar and push starter bars into the mortar filled holes
 - Minimum cover to reinforcement shall be 25mm

COPIES	ISSUED TO	DATE

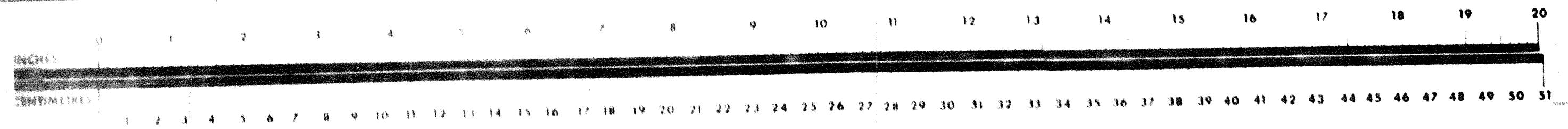
BRM
BRICKELL MOSS RANKINE & HILL
CONSULTING ENGINEERS
REGISTERED SURVEYORS

WELLINGTON SHELL HOUSE, THE TERRACE
AUCKLAND 43 HIGH ST.
DUNEDIN O.S.B. BUILDING, GEORGE ST.
LEVIN 30 QUEEN ST.
PARAPARAUMU BRAZIER'S BUILDING, AMOHIA ST.

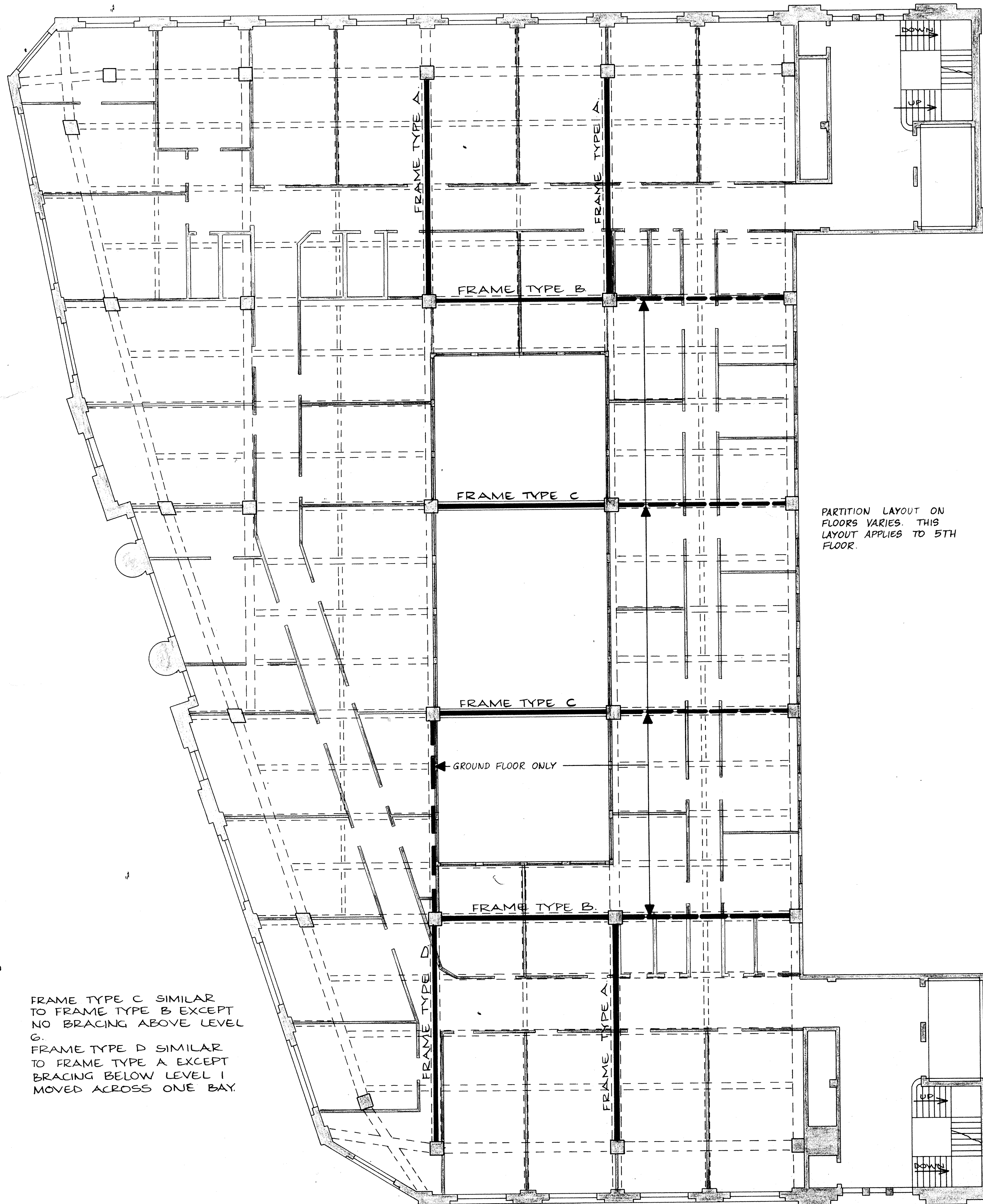
JOB TITLE
DOMINION BUILDING

DWG TITLE
NEW INFILL PANELS

DRAWN DJH	SCALE
CHECKED	1:50, 1:20 & 1:10
APP'D	DWG NO
DATE	70157-1



BRANDON ST.



PANAMA ST.

FRAME TYPE C SIMILAR TO FRAME TYPE B EXCEPT NO BRACING ABOVE LEVEL C.
 FRAME TYPE D SIMILAR TO FRAME TYPE A EXCEPT BRACING BELOW LEVEL 1 MOVED ACROSS ONE BAY.

PARTITION LAYOUT ON FLOORS VARIES. THIS LAYOUT APPLIES TO 5TH FLOOR.

GROUND FLOOR ONLY

SITE INSPECTION
 LATEST CONTOURS as shown on PLAN
 SATISFACTORY UNSATISFACTORY
 INSP. BY: [Signature] DATE: 1/1/79
 ACTION TAKEN:
 Refs to DE [Signature]

DISTRICT ENGINEERS

STRUCTURAL

CONTRACTORS MUST VERIFY ALL DIMENSIONS AT THE JOB BEFORE COMMENCING ANY WORK OR MAKING ANY SHOP DRAWINGS WHICH MUST BE SUBMITTED AND APPROVED BEFORE MANUFACTURE.

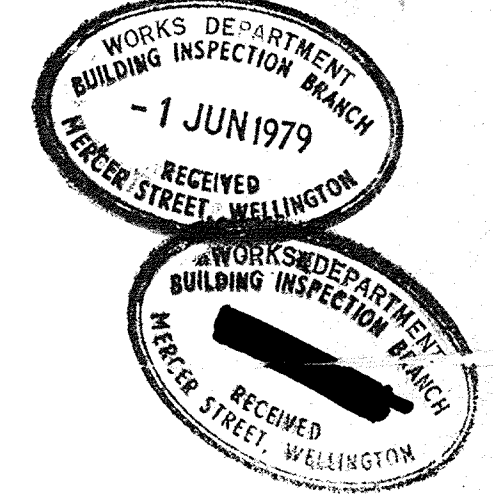
ISSUE	AMENDMENT	BY	DATE
B	GROUND FLOOR FRAMES ADDED	SGM	

ALL DIMENSIONS ARE APPROXIMATE ONLY. CHECK ON SITE.


THE APPLICANT IS TO ENSURE THAT THE BUILDING OR STRUCTURE HAS SATISFACTORY CLEARANCE FROM DOWN ELECTRICITY AND TELEPHONE LINES AND UNDERGROUND CABLES, THAT NO DAMAGE IS CAUSED TO THESE SERVICES AS A RESULT OF HIS WORK AND HE IS TO BE RESPONSIBLE FOR THE COST OF ANY NECESSARY ADJUSTMENT OR ALTERATION TO THESE SERVICES.

CAUTION
 THIS PROPERTY MAY HAVE BURIED GAS PIPES. PLEASE RING WELGAS TEL. No. 847773 EXT. 48.
 ANY ELECTRICAL WORK CONNECTED WITH THIS APPLICATION REQUIRES A PERMIT FROM YOUR LOCAL POWER BOARD AUTHORITY.

RESTRICTIONS ON ERECTION OF BUILDINGS NEAR OVERHEAD ELECTRIC LINES
 Under the Electrical Supply Regulations 1975 it is an offence to erect any building or structure, etc., within certain prescribed limits of an overhead electric line. For further information contact the nearest office of the New Zealand Electricity Department or your local Power Supply Authority.



COPIES	ISSUED TO	DATE

BRM RH 
BRICKELL MOSS RANKINE & HILL
 CONSULTING ENGINEERS
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- LEVIN 30 QUEEN ST.
- PARAPARAUMU BRAZIER'S BUILDING, AMOHIA ST.

JOB TITLE
 D.I.C.
 STRENGTHENING

DWG TITLE
 PROPOSED TOWER BRACING LAYOUT.

DRAWN	M.C.	SCALES
CHECKED		1:100
APP'D		DWG No. B
DATE		70368-1