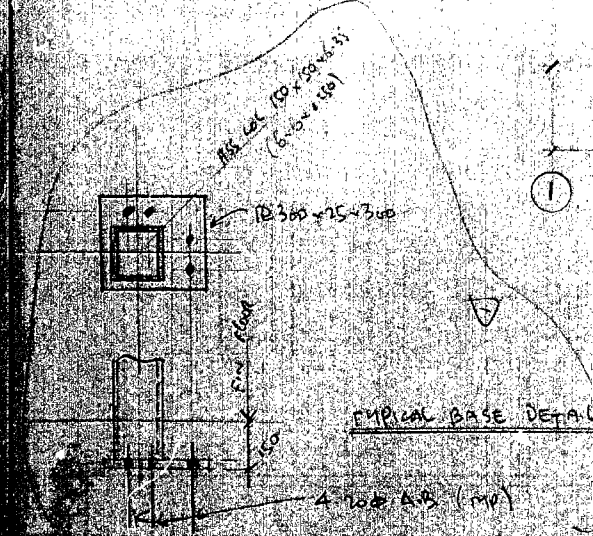


NOTES:

- ALL FOOTINGS TO BE PLACED ON FIRM UNDISTURBED SOIL - FROM SOIL TESTS, FOOTINGS WILL HAVE 10,000 PIF ALLOWABLE BEARING PRESSURE
- CONCRETE TO BE 4000 PIF (20 MPa) FORMWORK AND PLACING OF CONCRETE TO BE TO A.C.I. CODES
- REINFORCING STEEL TO BE NEW TO GR51 SPEC - F.Y. 50,000 MIN
- STRUCTURAL ENGINEER TO APPROVE REINFORCING SHOP DRAWINGS PRIOR TO FABRICATION
- SEE SOIL REPORT BY RAHUL HADAD ASSOC LTD
- THE EFFECTS OF EXISTING FOUNDATIONS AND SURCHARGE LOADS HAVE BEEN ACCOUNTED FOR IN THE DESIGN



GROUND FLOOR

LOADS: DEAD 120 PIF
LIVE 150 PIF
TOTAL 270 PIF

SECTION A-A

NOTE - FOR 2 HR FIRE RATING MAINTAIN 1" (25mm) COVER ON MAIN STEEL

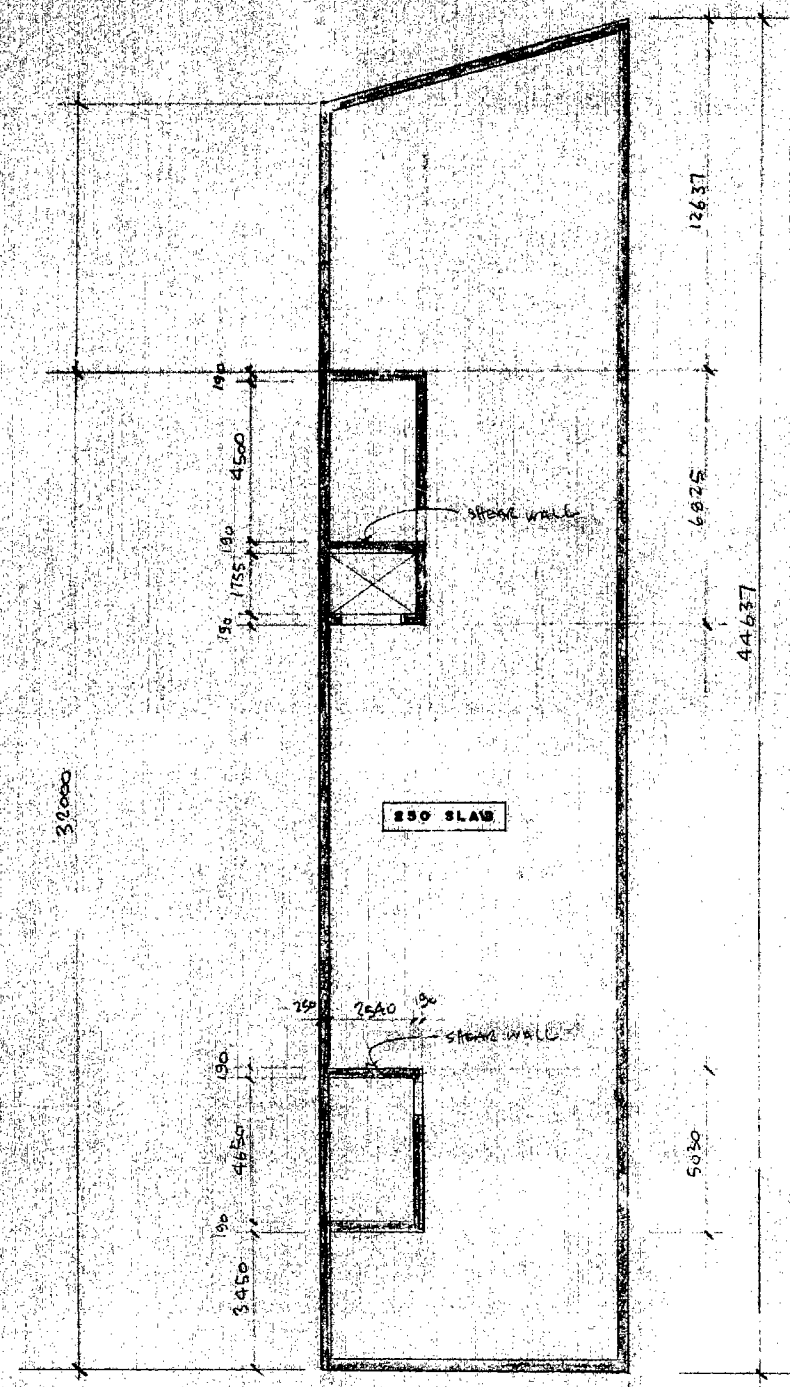
NOTE: STABILITY OF STRUCTURE IS ACHIEVED THRU TRANSFER OF HORIZONTAL LOADS

a) IN NORTH-SOUTH DIRECTION - FLOOR SLABS ACT AS DIAPHRAGM AND TRANSFER HORIZONTAL FORCES INTO EXTERIOR WALLS

b) IN EAST-WEST DIRECTION - FLOOR SLABS ACT AS DIAPHRAGM AND TRANSFER HORIZONTAL FORCES INTO TWO STEEL WALLS AS WELL SPACED DEVELOP MOMENT CAPACITY BY CONNECTING BOTTOM CHORDS

City of Toronto DEPARTMENT OF BUILDINGS & INSPECTIONS Consolidation of a number of inspection and related Building Official	
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APPROVED	DATE

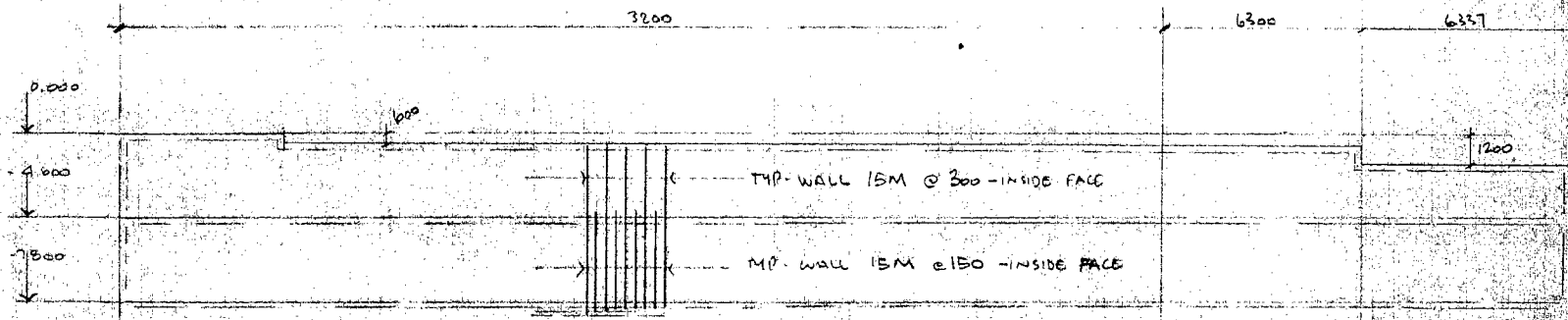
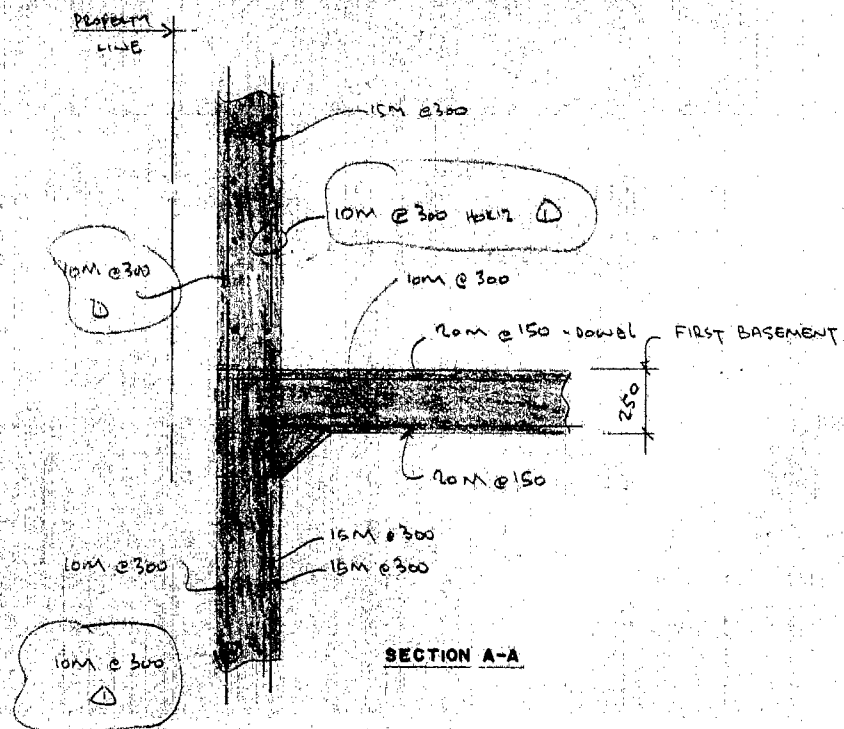
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNLESS COUNTER-SIGNED BY	
DATE	DESCRIPTION
REVISIONS	
DRAWN BY: TO BE REVIEWED BY	
DATE: AUG 19 1988	
PROJECT NAME: COMMERCIAL PROJECT DAVENPORT ROAD	
DRAWING TITLE: GROUND FLOOR	
DATE: AUG 19 1988	DWG. NO.
SHEET: 1 OF 1	BY: [Signature]
JOB NO. 34	



1
FIRST BASEMENT

2
LOADS

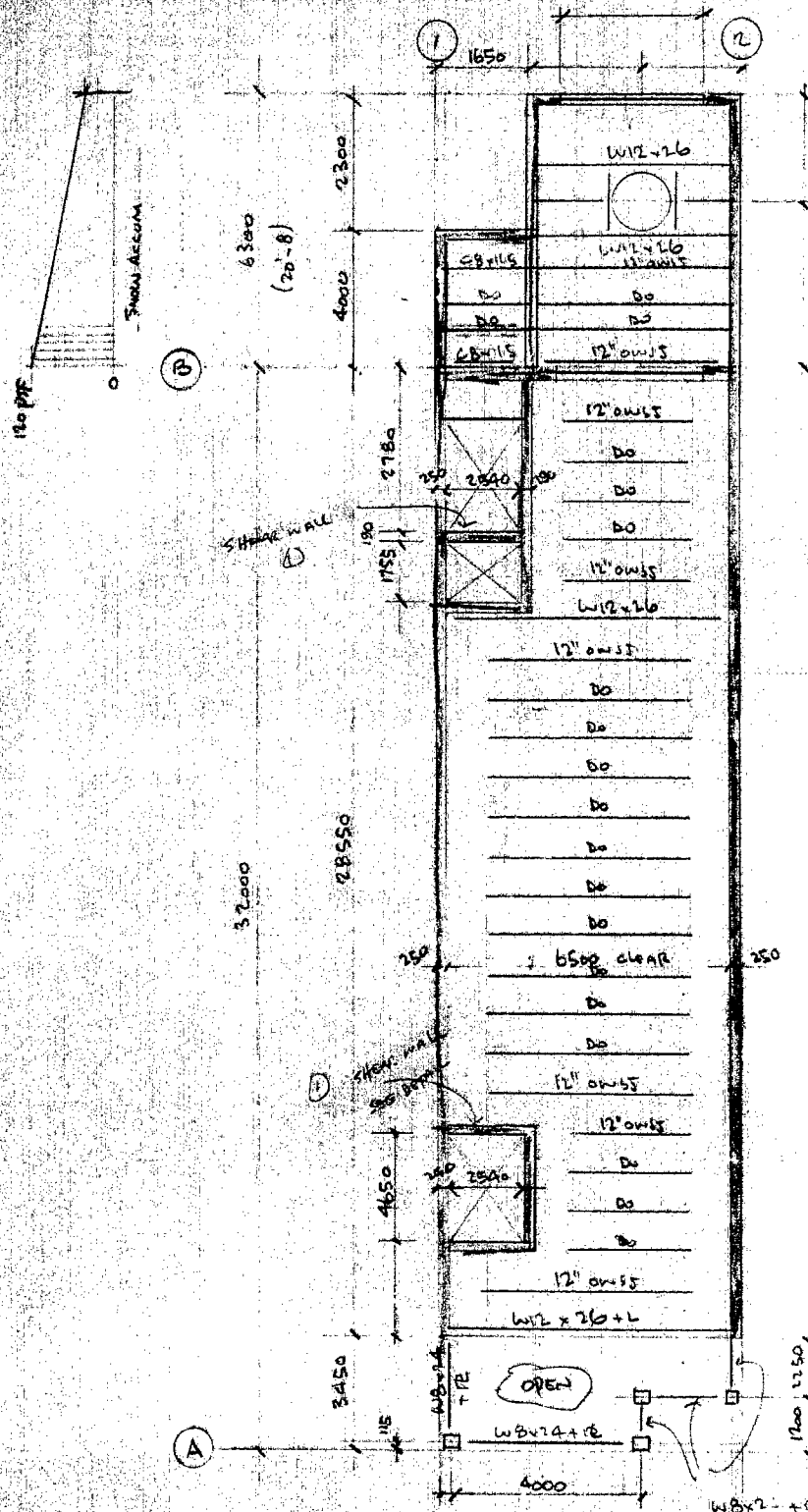
DEAD 125 PSF
LIVE 100 PSF
Total 225 PSF



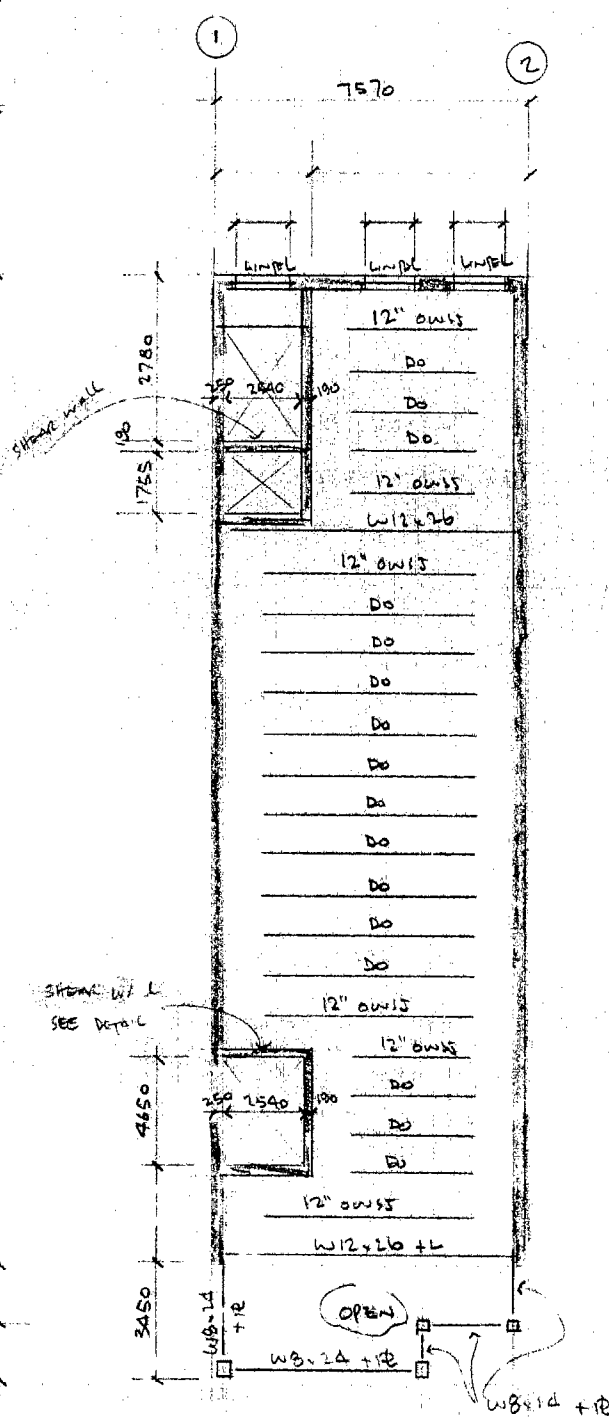
ELEVATION LINE 2

DEPARTMENT OF BUILDINGS & INSPECTIONS	
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REVIEWED BY	DATE
ISSUED BY	DATE
AUG 12 1998 273966	

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DATE	DESCRIPTION
REVISIONS	
BROWN	
roy brown engineering	
PROJECT NAME	
COMMERCIAL PROJECT	
DAVENPORT ROAD	
DRAWING TITLE	
FIRST BASEMENT	
DATE	DATE
SCALE	SCALE
NO. IN	NO. IN



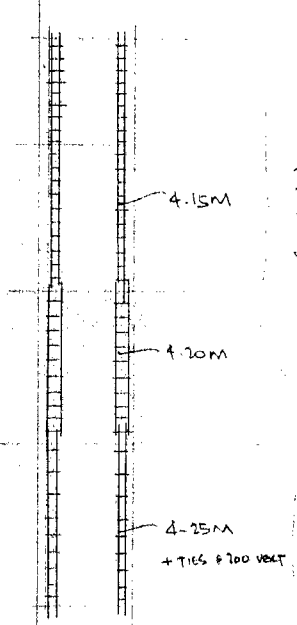
SECOND FLOOR



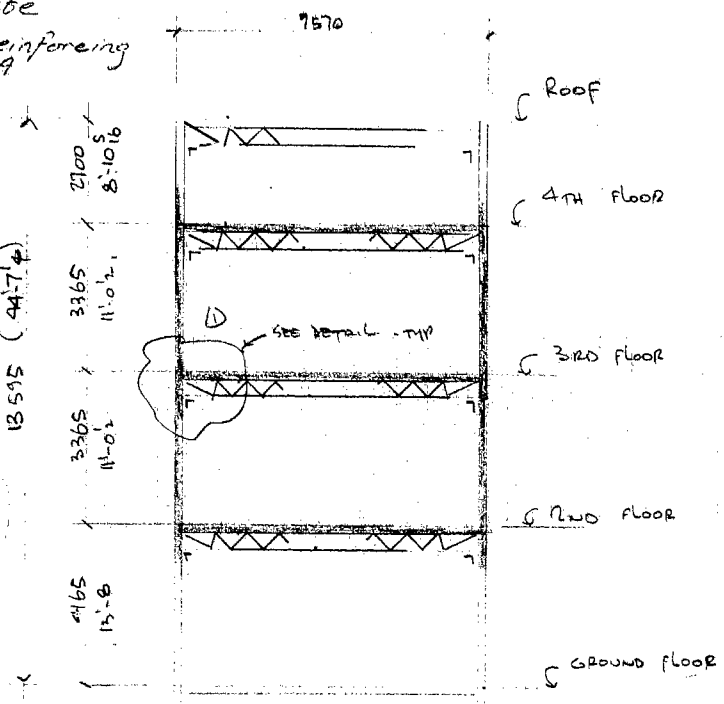
THIRD FLOOR

FLOOR LOADS
 DEAD 50 pif
 LIVE 100
 TOTAL 150 pif

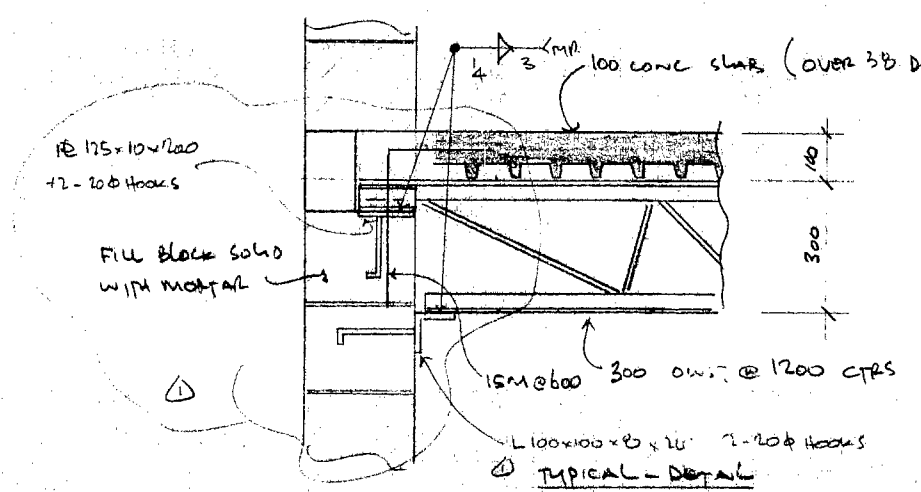
Poured concrete shear wall for minimum reinforcing see Section A-A



SHEAR WALL (2 LOCATIONS)



CROSS SECTION



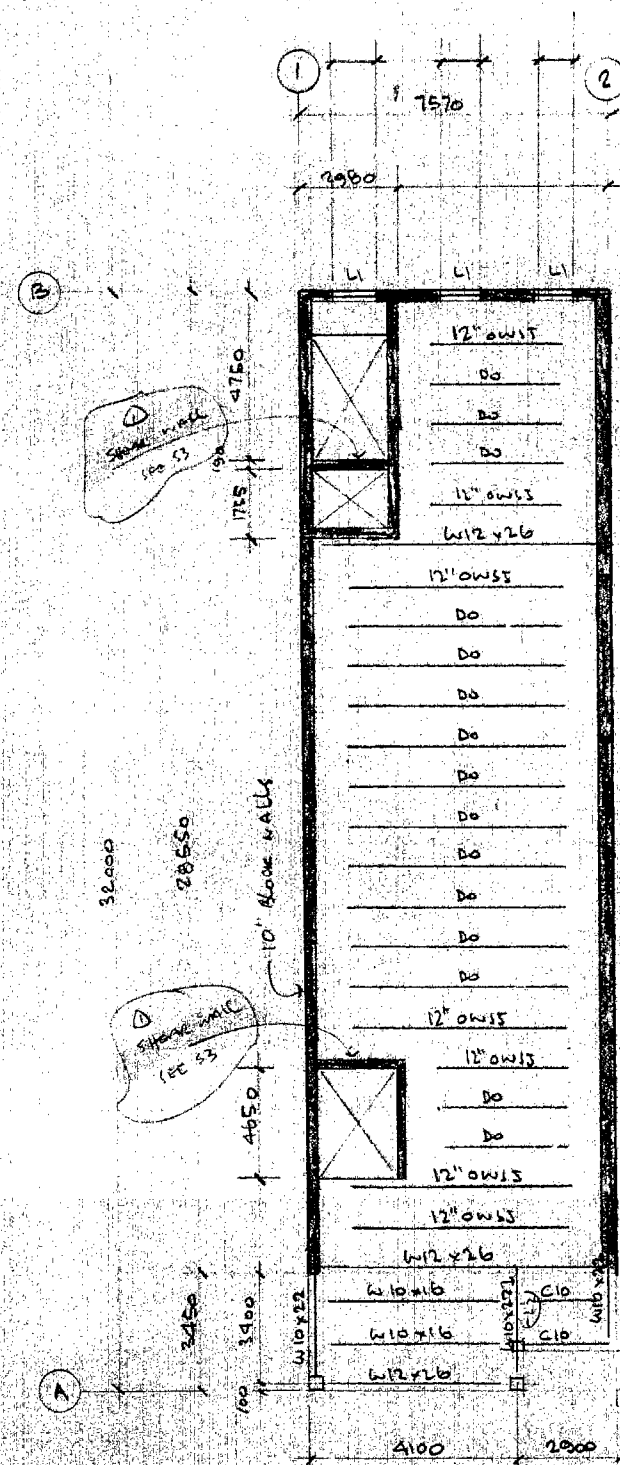
TYPICAL - DETAIL

DESIGN AND PANELS FOR $M = 3000$ LBS PER JOIST

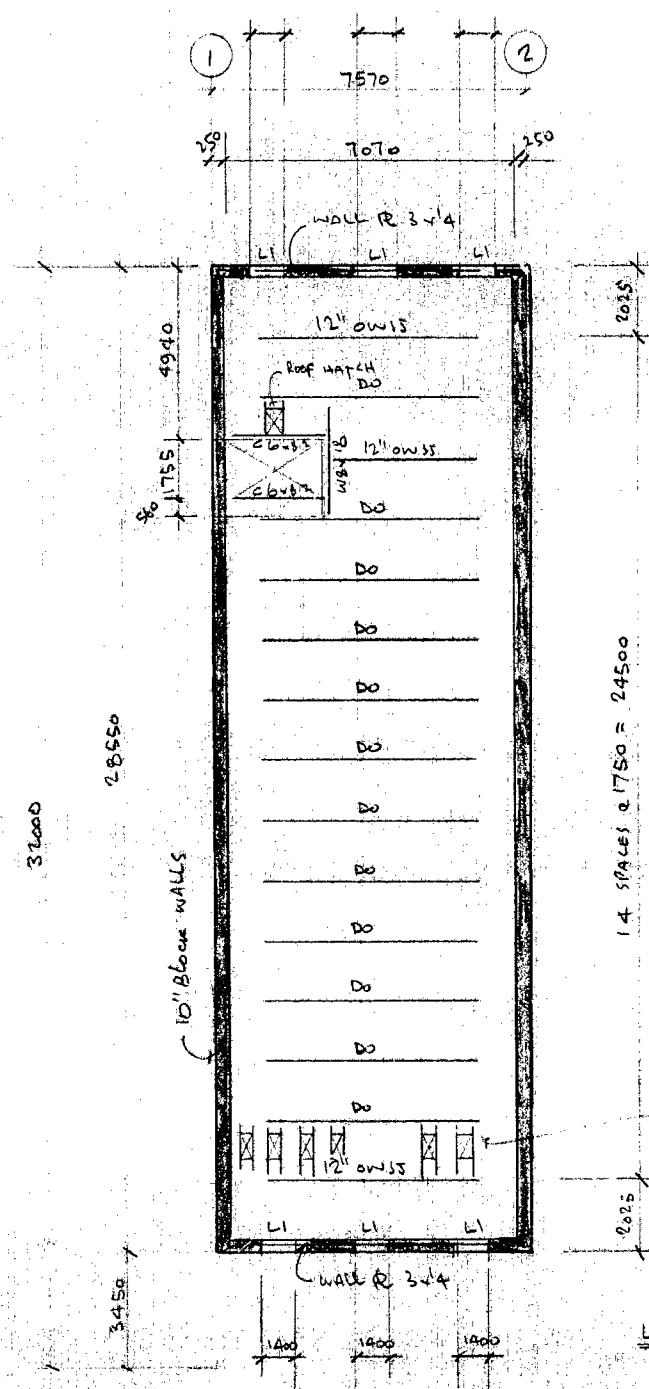
SEE S4 FOR 4TH FLOOR & ROOF

CITY OF INDIANAPOLIS	
DEPARTMENT OF BUILDINGS & INSPECTIONS	
Commissioner of Building & Inspections	
and Chief Building Official	
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DATE	DATE
AUG 9 1988	

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DATE	DESCRIPTION
AUG 9	TO CORRECT COMMENTS FOR BUILDING DEPT.
DATE	REVISIONS
BROWN	
roy brown engineering	
PROJECT NAME	
COMMERCIAL PROJECT	
DAVENPORT ROAD	
DRAWING TITLE	
2nd & 3rd FLOOR PLAN	
DATE	DWG. NO.
SCALE	3/8"
JOB NO.	688



FOURTH FLOOR



ROOF

LOADS: DEAD 15 PSF
LIVE 32 PSF
TOTAL 50 PSF

- NOTES 1) FLOOR CONSTRUCTION IS CONCRETE SLAB OVER 1 1/2" - 22 GA COMPOSITE DECK ON STEEL JOISTS
- 2) ROOF CONSTRUCTION IS ROOFING (TAKA GRADED) OVER INSULATION ON 1 1/2" - 22 GA L2L ROOF DECK

CONCRETE FOR FLOORS IS TO BE 3000 PSI @ 28 DAYS AND TO BE REINFORCED WITH 6X6 B/B W.W.M.

STRUCTURAL STEEL IS TO BE SUPPLIED & INSTALLED WITH CSA - S16 LATEST CODE. JOIST FABRICATOR MUST SUBMIT DESIGN CALCULATIONS SIGNED BY P. ENG.

OPENINGS FOR MECH DUCTS
SEE MECH FOR EXACT LOCATION

DESIGN ROOF JOISTS FOR ADDITIONAL LOADS FROM A.C. - MECH UNITS

L1 - 2x4 @ 4'x4

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DESIGNED BY	DATE
CHECKED BY	DATE

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DATE	DESCRIPTION
AUG 12 1988	FOR BUILDING PERMIT
REVISIONS	
BROWN	
roy brown engineering	
COMMERCIAL PROJECT	
DAVENPORT ROAD	
4th FLOOR & ROOF	
DATE	SCALE
AUG 12 1988	N.T.S.
SCALE	DATE
N.T.S.	AUG 12 1988

Hand-drawn architectural floor plan of a building. The plan shows a long rectangular structure with a total width of 32,000 and a total length of 126,37. The plan is divided into several sections by internal walls and openings.

Dimensions:

- Total width: 32,000
- Total length: 126,37
- Section 1 (left): 3,450 (width), 130 (height), 4,650 (length)
- Section 2 (middle): 190 (width), 130 (height), 4,500 (length)
- Section 3 (right): 190 (width), 130 (height), 4,500 (length)

Structural Labels:

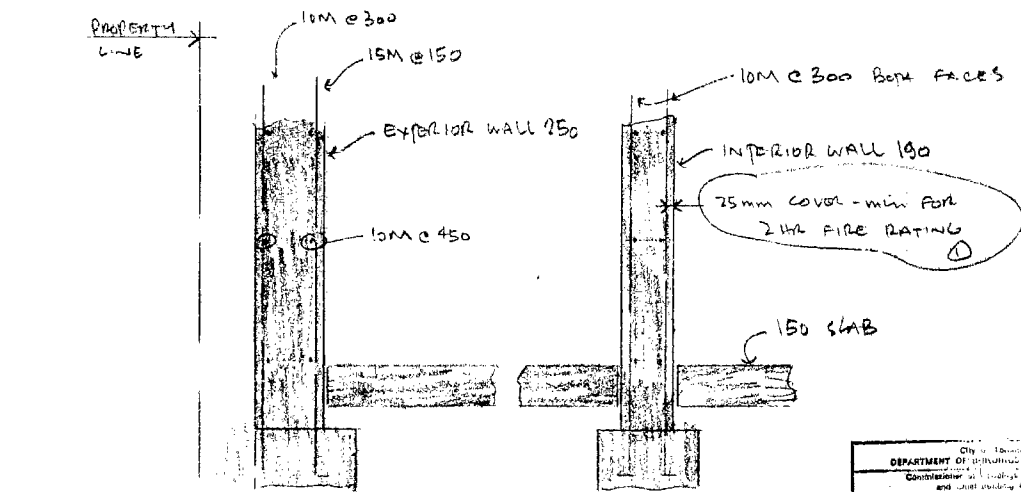
- LINE OF SINKING**: Indicated by arrows pointing to the left side of the building.
- SHEAR WALL**: Labeled with a circled '1' and an arrow pointing to a wall in the middle section.
- SHEAR WALL**: Labeled with a circled '1' and an arrow pointing to a wall in the right section.
- LINE OF SINKING**: Indicated by arrows pointing to the right side of the building.

Other Labels:

- 32,000**: Total width dimension.
- 126,37**: Total length dimension.
- 4,650**: Length dimension for the left section.
- 4,500**: Length dimension for the middle and right sections.
- 130**: Height dimension for the left, middle, and right sections.
- 190**: Width dimension for the middle and right sections.
- 3,450**: Width dimension for the left section.


Hand-drawn structural diagrams of a two-story building frame. The left diagram shows a single-bay frame with columns labeled '1st B' and '2nd B', and a beam labeled '2.20m BAYS - MD'. The right diagram shows a two-bay frame with columns labeled '1st B' and '2nd B', and beams labeled '2.20m BAYS - MD'.



ELEVATION B-B **ELEVATION C-C**



SECTION A-A

ALL ELEVATOR WALLS + PIT WALLS TO BE REINFORCED - WITH
190 WALLS THICK - 16M @ 300 BOTH FACES WITH 10M @ 450 HORIZ B.F.

DEPARTMENT OF BUILDINGS & INSPECTIONS City of Toronto Co-ordinator of Building & Fire Inspections and Joint Inspection Unit			
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AUG 12 1982 73966			
ZONING BUILDING CODE BUILDING SERVICE	RECEIVED BY 	CARD BY	DATE AUG 19 1982

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PROJECT NAME: COMMERCIAL PROJECT DAVENPORT ROAD	
DRAWING TITLE: SECOND BASEMENT	
DATE	Drawn By
SCALE	9.5
JOB No.	