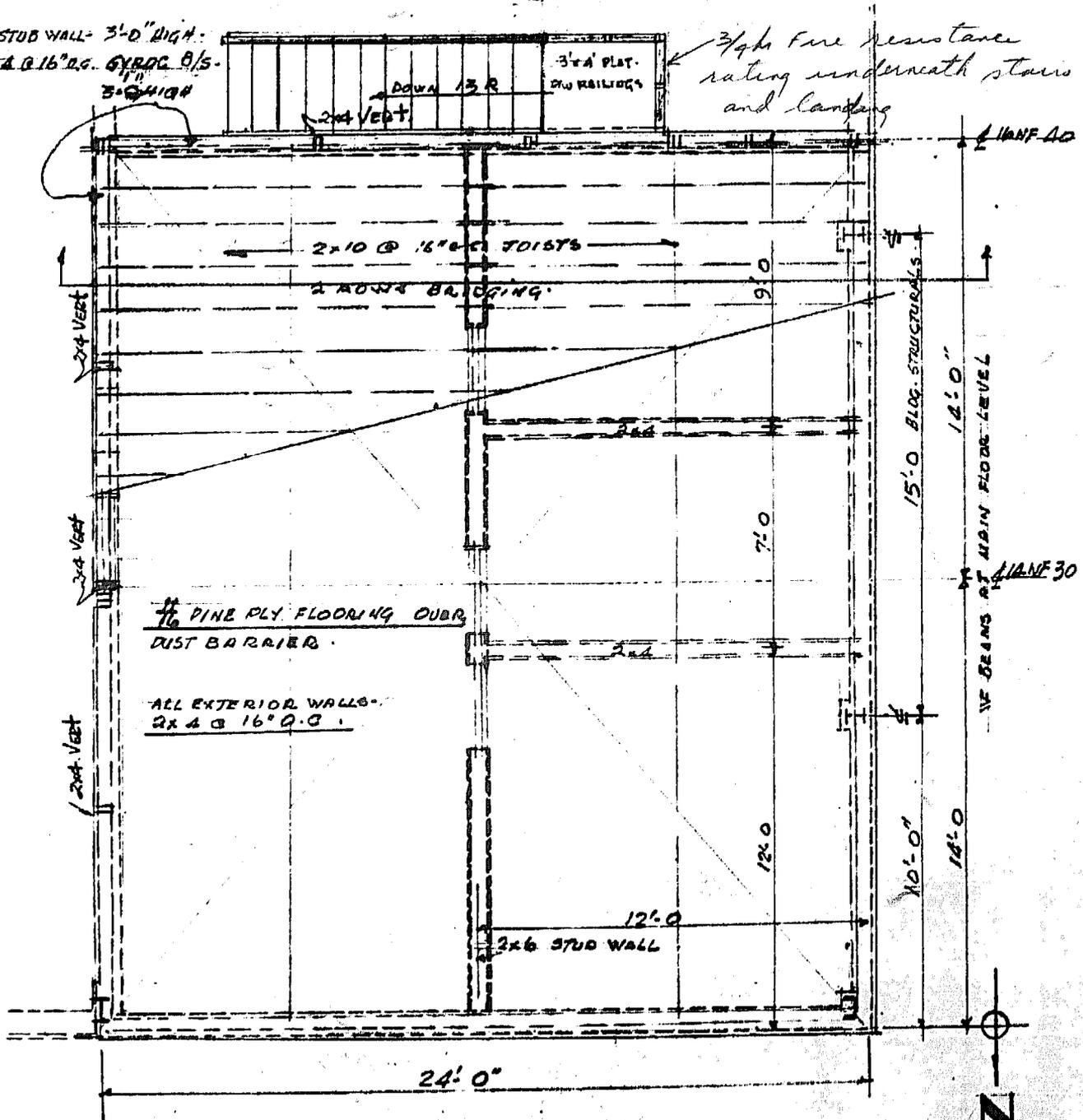


The City of Winnipeg is providing these plans for your convenience and use.

This data should be used for informational purposes only and is provided solely for the convenience of the user. The City of Winnipeg makes no claim as to the correctness, accuracy, completeness or reliability of this data. Technical inaccuracies or typographical errors may appear within the information. This information is provided strictly “as is” without warranty of any kind, either expressed or implied. Use of this information is the sole responsibility of the user.

STUB WALL - 3'-0" HIGH.
 2x4 @ 16" O.C. GYBDC 8/5.
 3'-0" HIGH

3/4 hr Fire resistance rating underneath stairs and landing



MEZZANINE FLOOR

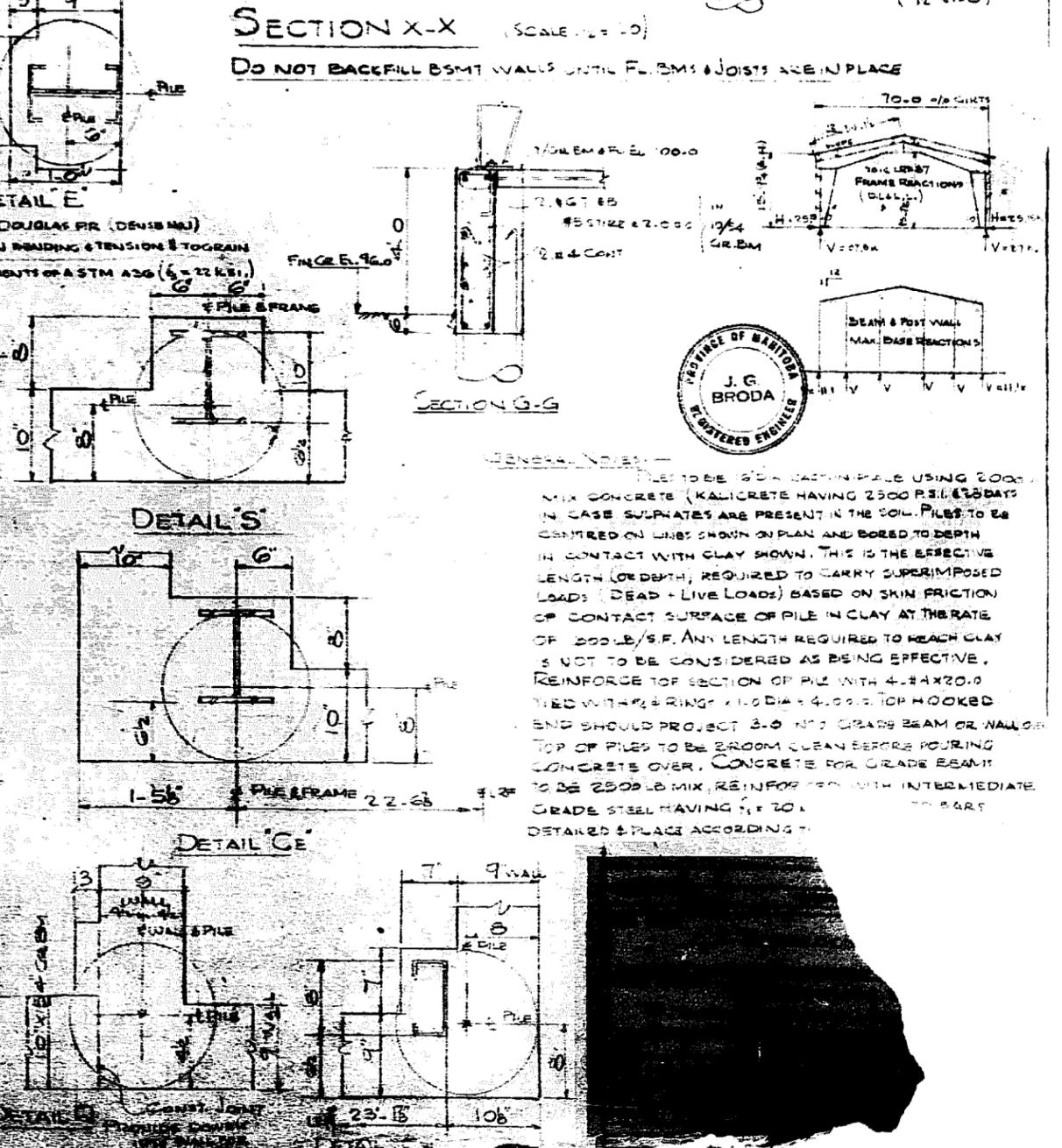
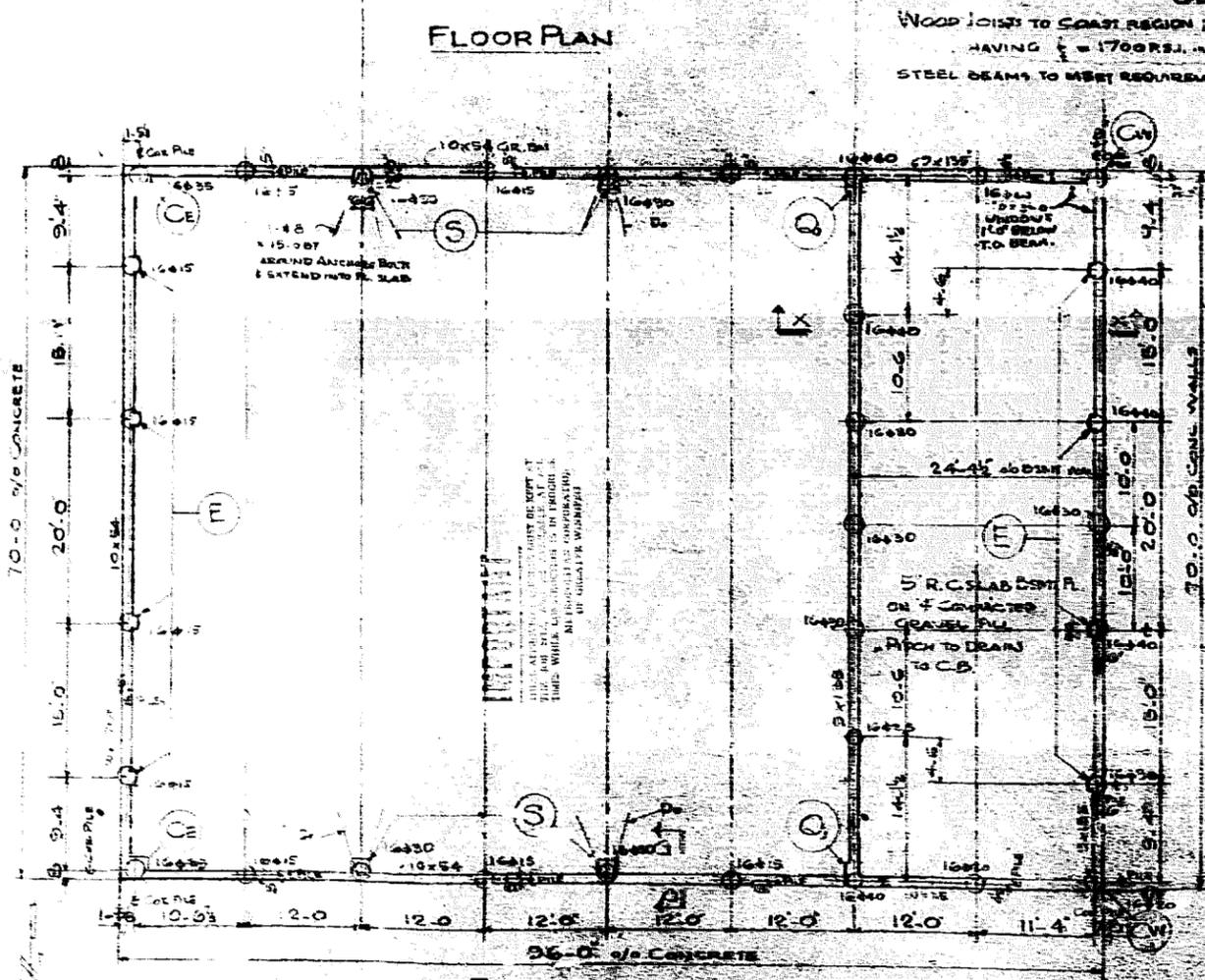
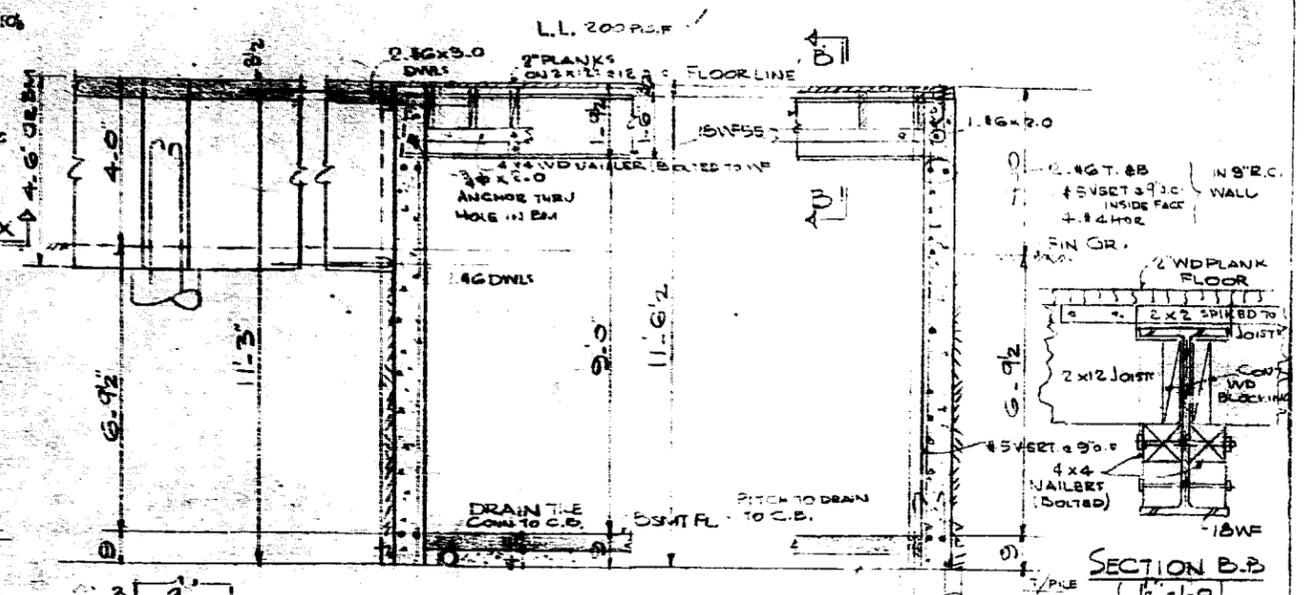
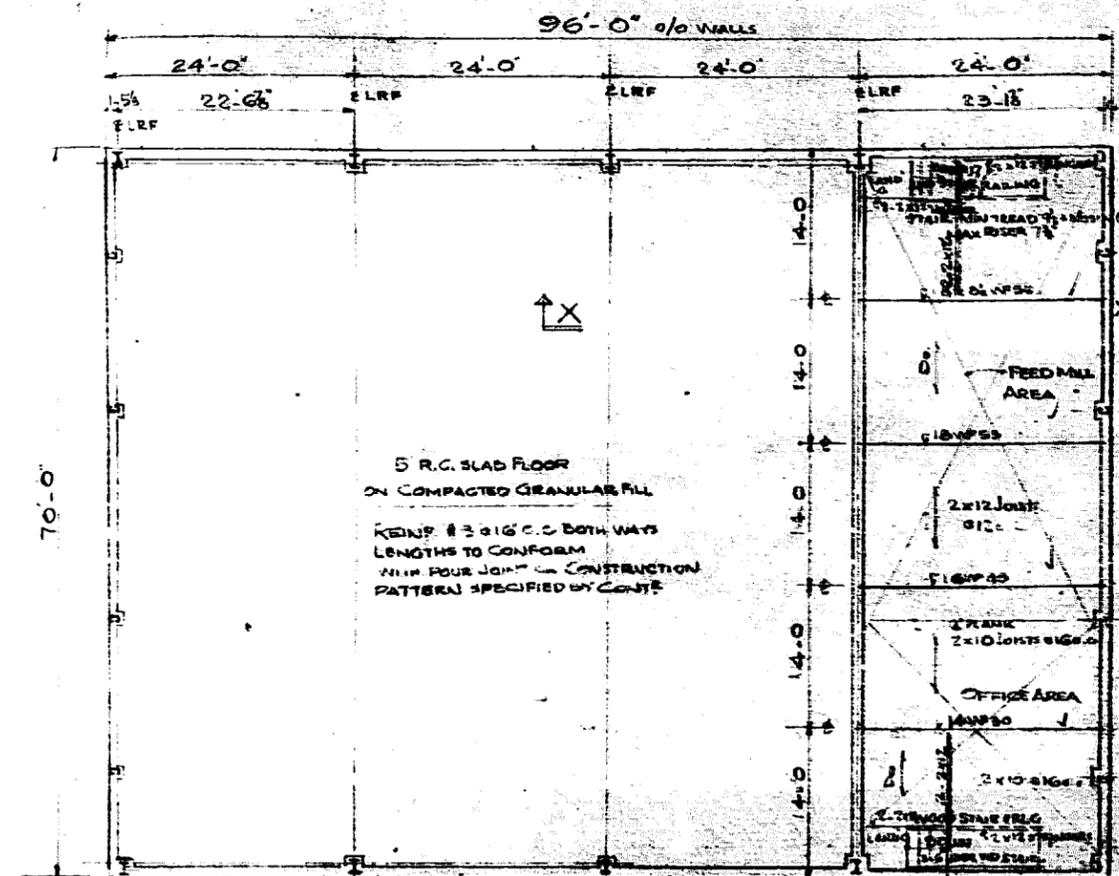
FOR OFFICE USE.

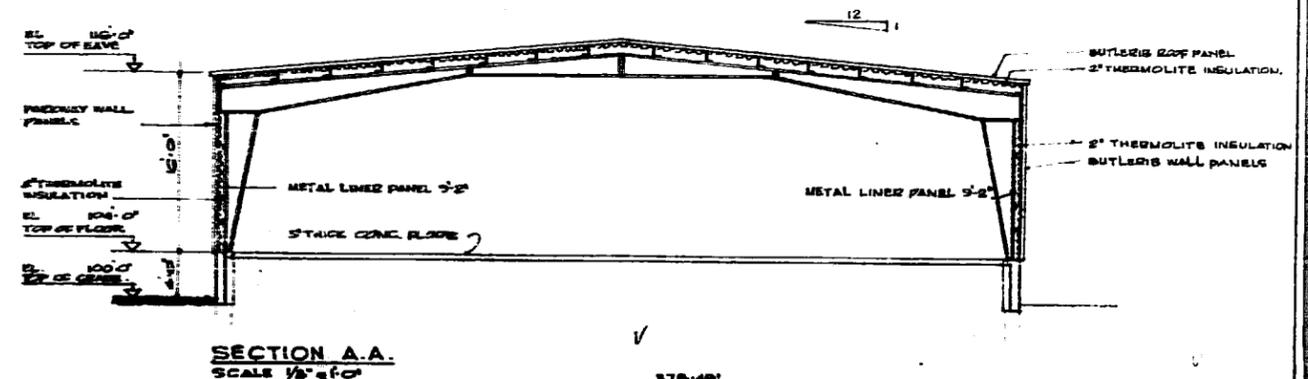
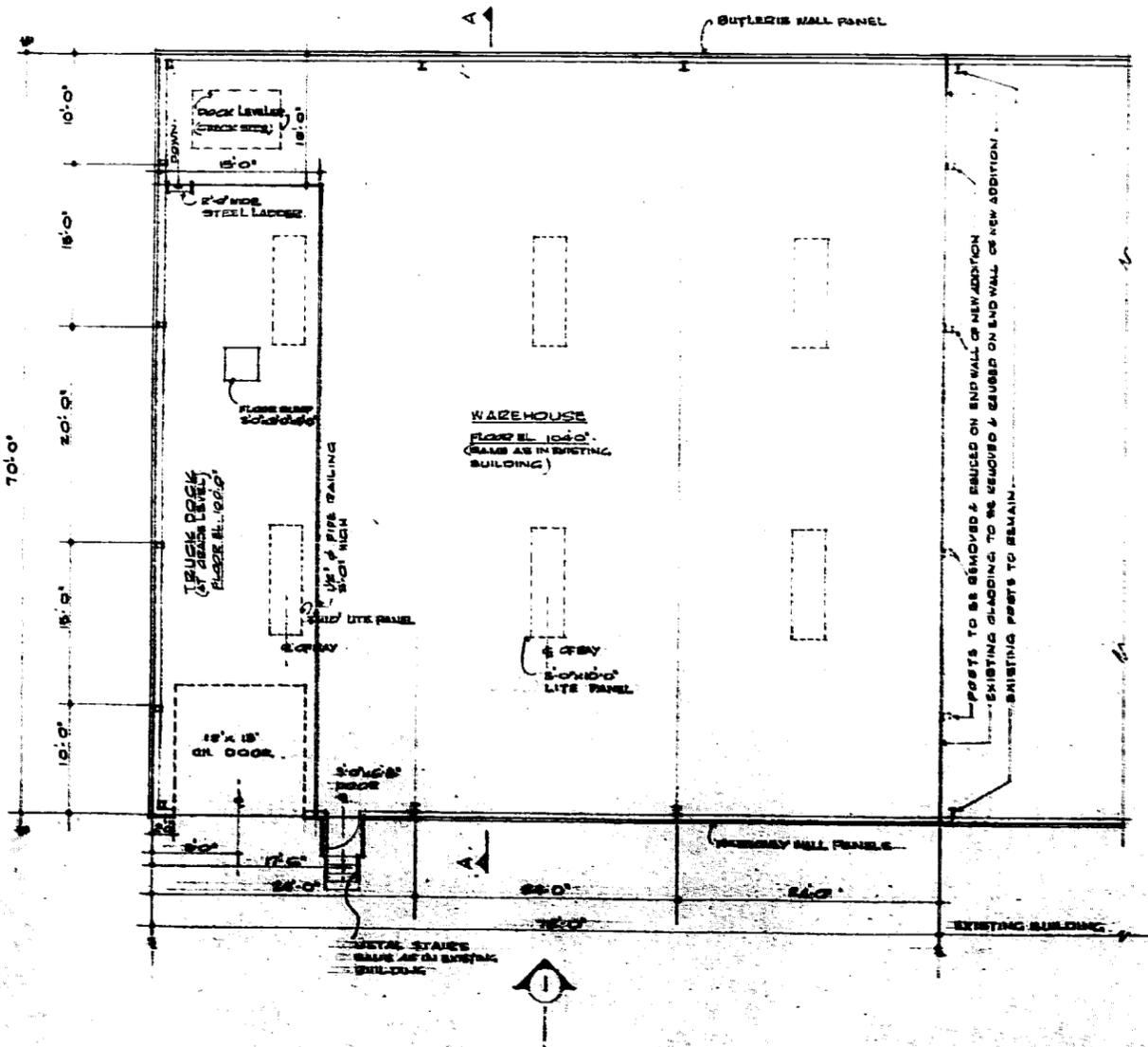
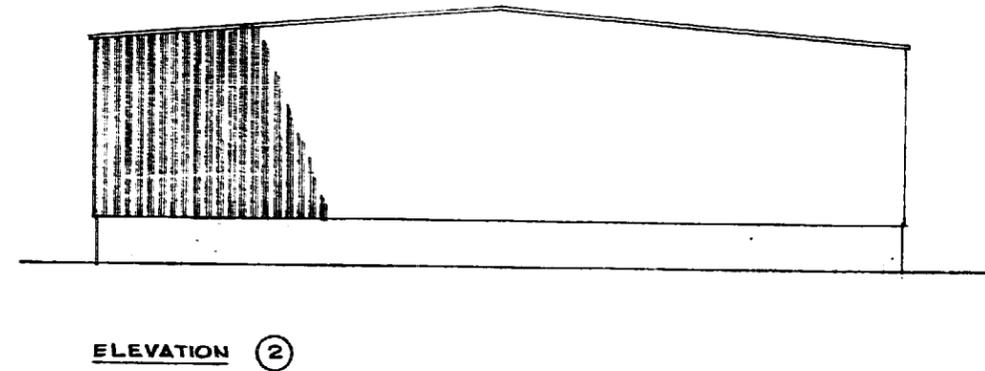
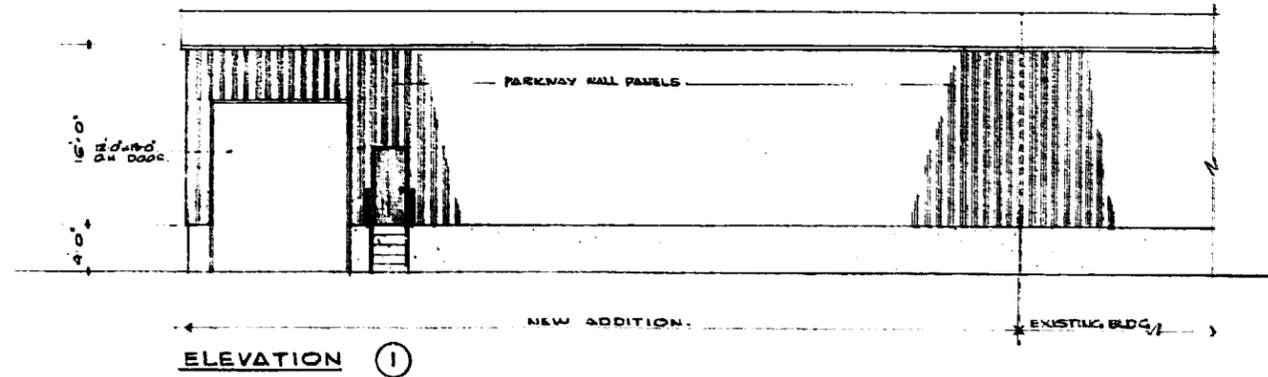
75 p.s.f. L-L



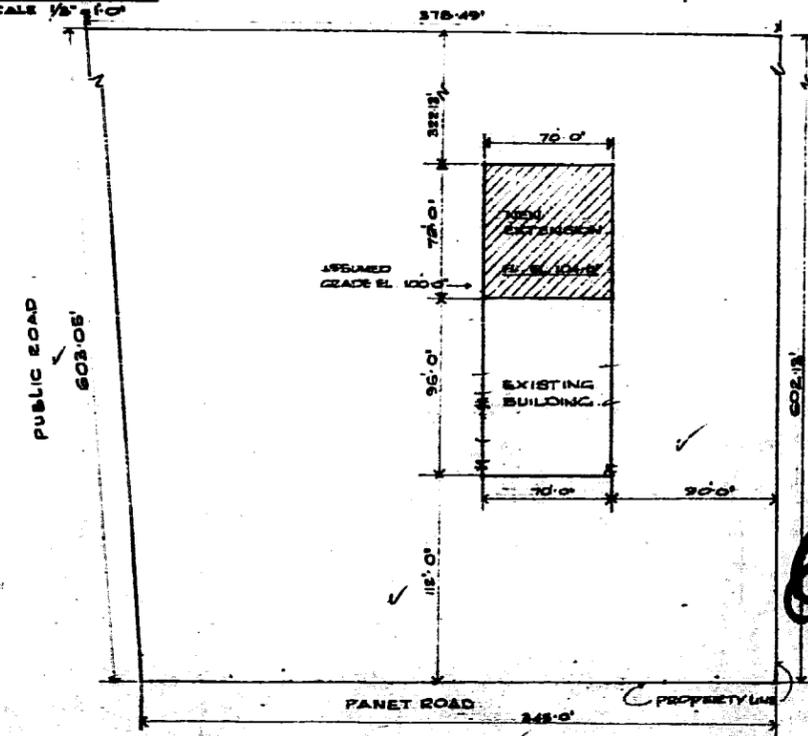
L.V. PATTE SON. LTD.
 215 PANT ROAD

2-60-8





SECTION A.A.
SCALE 1/8" = 1'-0"



SITE PLAN
SCALE 1" = 50'-0"

6082
70

FLOOR PLAN
SCALE 1/8" = 1'-0"

METROPOLITAN CORPORATION OF GREATER WINNIPEG
METAL BUILDING APPROVED
SUBJECT TO THE FOLLOWING CONDITIONS
APPROVED FACTORY FINISH METAL CLADDING

J. M. [Signature]
DIRECTOR OF PLANNING
SEP 30 1976

DEPT.	APPLIED FOR		APPROVED		FWD. TO
	DATE	TIME	DATE	TIME	
ZONING	2/19/70	10:45	2/19/70	12:45	R. [Signature]
PLANNING			3/11/70		[Signature]
ENGR. & ARCH.					
MUNIC.					
PROV.					

IMPORTANT

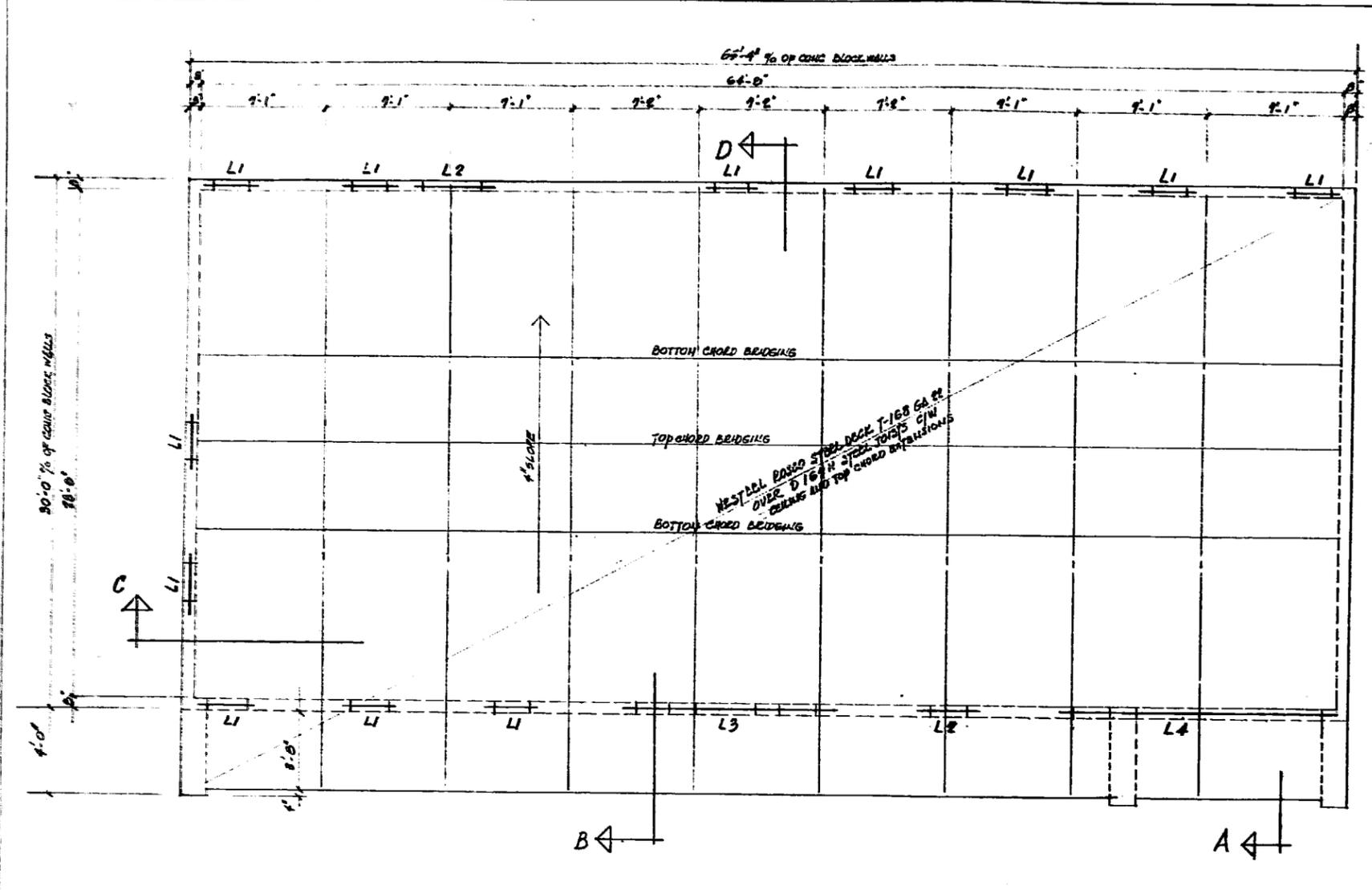
THESE APPROVED DRAWINGS MUST BE KEPT AT THE JOB SITE, AND BE AVAILABLE AT ALL TIMES WHILE CONSTRUCTION IS IN PROGRESS.
METROPOLITAN CORPORATION OF GREATER WINNIPEG

GROUP F - DIV. 2

AS PER ARTICLE 32.1.48.(1)

Metro Copy

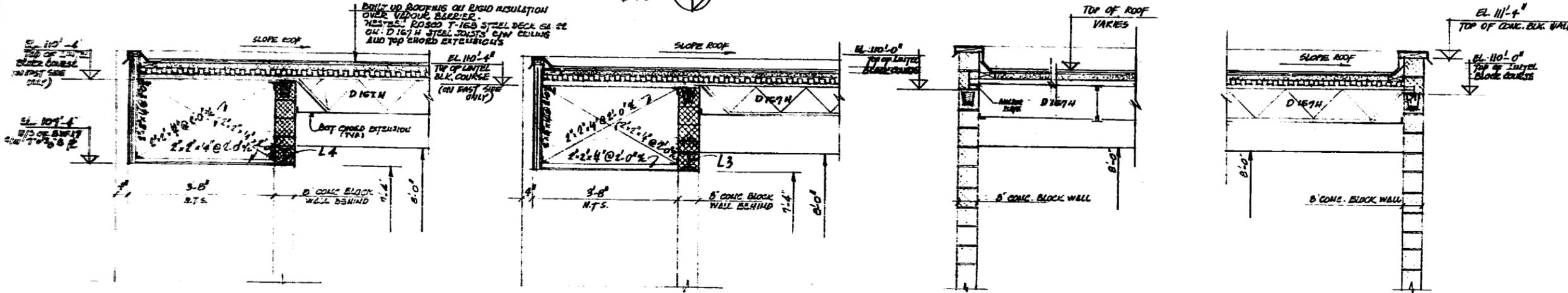
BUTLER	No.	REVISION	DATE	BY
JOB NAME L.V. PATTERSON LTD. WINNIPEG EXTENSION				
SHEET CONTENT FLOOR PLAN, ELEVATIONS, SECTION & SITE PLAN				
SCALE AS NOTED				
DATE: SEPT. 23, 1976				
PERMA STRUCTURES				



GENERAL NOTES

- All structural shop drawings to be submitted to the Consulting Engineers for approval. However, checking of the shop drawings is a mere assistance to the supplier or subcontractor and does not relieve him of his responsibilities.
- Contractor shall check all dimensions and data from drawings and locate and report any discrepancies and unforeseen conditions to the Consulting Engineers for adjustment, before commencement of work.
- Contractor shall do all the work in connection with the siting of site and be thoroughly familiar with conditions on site before proceeding with work.
- Dimensions shown on drawings must not be exceeded without the prior written consent of the Consulting Engineers.
- Contractor shall be responsible for proper spacing of all adjacent structures while working on the site.
- It is the Contractor's responsibility to notify the Consulting Engineers of the commencement of the construction and make arrangements with the Consulting Engineers regarding supervision.
- The building shall be staked out by the Contractor according to the instructions of the Owners and in accordance with Zoning Orders.
- All concrete shall have the following strength at 28 days:
piles: 2500 PSI Sulphate Resistant Concrete
gradebeams & structural slab: 2000 PSI Sulphate Resistant Concrete
slab on fill: 2500 PSI P.C. Concrete
- Maximum aggregate size in piles and slab on fill 1 1/2"; in gradebeams and in structural slab: 1"
- Maximum slump in all concrete: 4"
- Under 40°F outside temperature observe the cold weather requirements of Building By-Law #711 of the City of Winnipeg.
- All piles to be drilled to length shown and cast in place immediately after drilling is completed. For size, length, top elevation and reinforcement, see Bill Schedule.
- Should any unexpected condition occur in piling, the Consulting Engineers shall be notified before proceeding with work.
- Vertical pile reinforcing shall extend 1' 6" into the upper structure.
- Gradebeam bottom reinforcement to be spliced 2/3 over supports and top reinforcement to be spliced 2/3 at midspan.
- Provide 1" formwork under all gradebeams between piles.
- All excavated material shall be removed from the site immediately.
- For openings in floor and roof, see also mechanical and electrical drawings.
- For openings in walls see drawings.
- Provide weeding tiles and proper water protection, if local conditions warrant it.
- Contractor shall make allowance for deflection of forms, for shrinkage and settlement of fillwork.
- Reinforcement of slab on fill to be continuous through lowest expansion joints.
- Use 1" diameter pile point for slab on fill around.
- All concrete slab on fill to have 6 mil polyethylene vapour barrier between concrete and ground.
- Reinforcing steel to be intermediate grade, all steel bars of max. yield point with an allowable working stress of 50,000 PSI, according to C.S.A. Specifications 1-30.
- Reinforcing steel shall have 1" minimum concrete protection, unless otherwise shown.
- Detailing of reinforcing steel to conform to C.S.A. Code, unless otherwise shown.
- All steel and steel joints and their connections shall conform to the requirements of the latest issue of the C.S.A. Specifications, "Welding of Steel Structures".
- Steel joint manufacturer shall be fully approved by the Canadian Welding Bureau under the requirements of the latest issue of the C.S.A. Specifications 1-30.
- Over wet steel joints and structural steel connections shall verify all dimensions on site before cutting material.
- All steel to receive one shipment of approved primer and after erection to be touched up.
- During erection of steel joints, temporary bracing is required.
- Concrete blocks to be inside type "A" mortar.
- "Wall-truss" to be used in all concrete block walls in every 3rd row continuously, except in stack frame walls, where "Wall-truss" is required in each row continuously.
- Two rows of concrete blocks to be filled with concrete under all base bearings, except where otherwise noted.
- Contractor to observe all pertinent health, safety, fire and construction safety regulations.
- Design live load for roof: 36 PSF.
- Drawings and specifications as instrument of service are the property of the Consulting Engineers, and no part of them are to be reproduced or used in any way without the written permission of the Consulting Engineers and their name must appear thereon.

ROOF FRAMING PLAN



THE CONTRACTOR IS RESPONSIBLE FOR CHECKING AND VERIFYING ALL DIMENSIONS AND SHALL REPORT ANY DISCREPANCIES TO THE ENGINEERS FOR ADJUSTMENT

WEIZSMANN AND ASSOCIATES
CONSULTING ENGINEERS
406-372 MAIN STREET WINNIPEG, MANITOBA
TELEPHONE 942-1840 & 942-1041

PLANNED BUILDING SERVICES
A DIVISION OF F.W. SAWATSKY LTD.
531 MARION ST. WINNIPEG, MANITOBA R2S 1S6

OFFICE BUILDING FOR L.V. PATTERSON LTD.
PANET ROAD, WINNIPEG, MANITOBA

ROOF FRAMING PLAN, SECTIONS & GENERAL NOTES

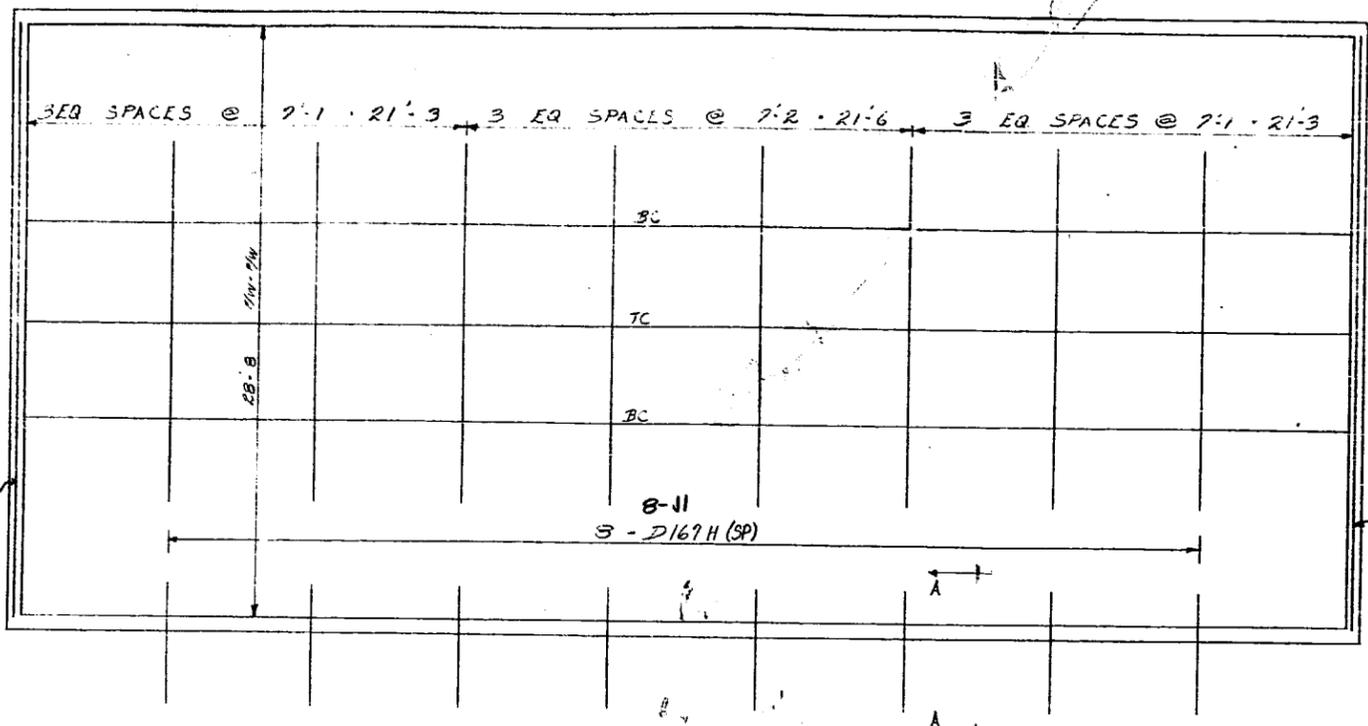


DRAWN BY E.W.	SCALE AS SHOWN	DATE DEC 10/73	DRAWING NO. S-2
CHECKED BY E.W.	FILE NO. 720 2196	REVISION NO.	

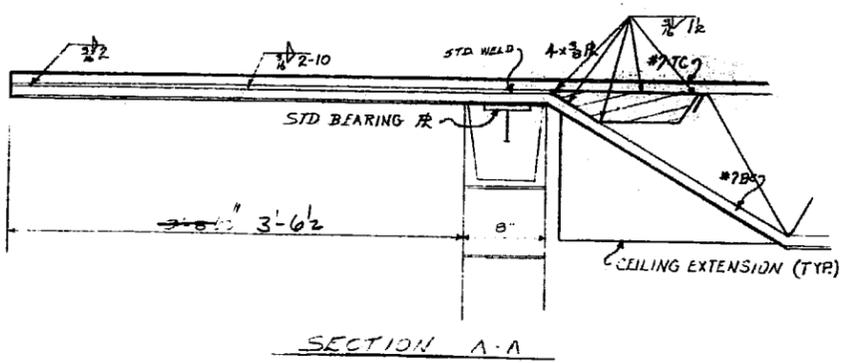
(215 PANET RD)

FOURNIER ST.

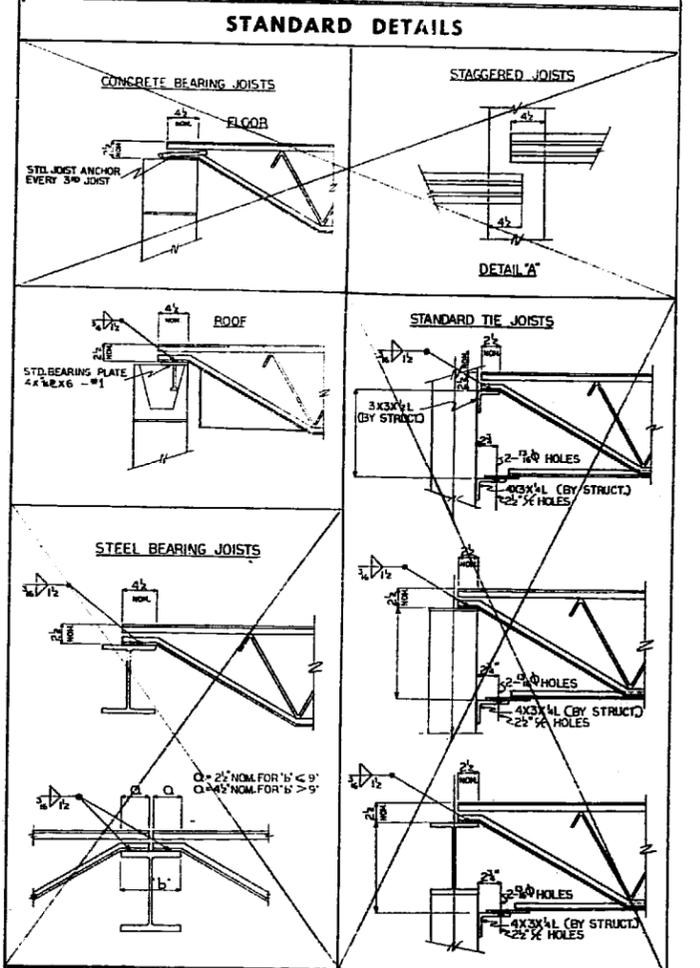
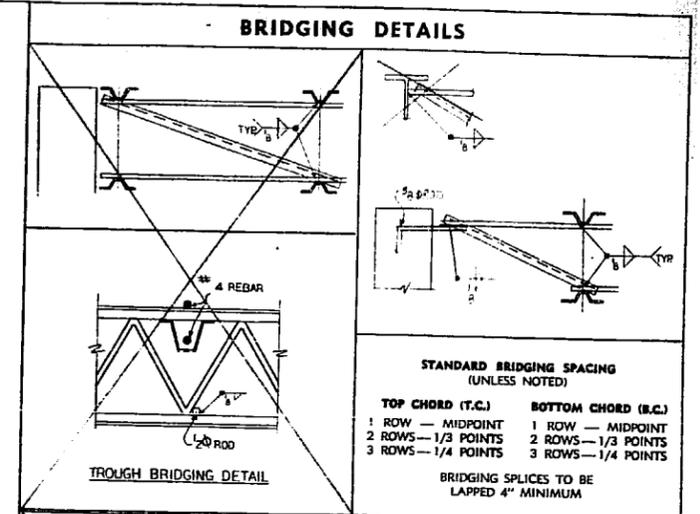
9462/73



ROOF FRAMING PLAN LL-36P5F
BRIDGING - 12x12x'9L



SECTION A-A



ERECTOR - BY DOMINION BRIDGE CO. BY OTHERS (IGP-40)

SHOP PAINT - 1 COAT STANDARD PRIMER - SW. E61RG38

V-RIB FORMS	GAUGE	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
TROUGH BRIDGING		YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
PENCIL RODS	DIA. AT E.W.	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
WELDED WIRE MESH		YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
STEEL DECK	22 GAUGE	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>

CEILING EXTENSIONS AS REQUIRED
LOCATION OF JOIST MARKS ON DIAGRAM CORRESPOND TO MARKS ON JOISTS

OPEN WEB JOIST SETTING DIAGRAM		CONTRACT
STRUCTURE	PATLISON W/USE	J1300
PURCHASER	ABISCO	RELATED CONTRACT
DRAWN	CHECKED	JOIST SQUAD
DATE	DATE	DWG. NO. JSD 1
DOMINION BRIDGE COMPANY LTD.		REV. A

REV. A	ERECTION MARKS ADDED	ETP	DATE
REV.	DESCRIPTION	BY	DATE

GENERAL NOTES 1
(FOR NOTES #17 #30, SEE D.M. 5-3)

1. Contractor shall be thoroughly familiar with conditions on site before proceeding with work.
2. Dimensions shown on structural drawings must be checked against the Architectural, mechanical and Electrical drawings by the General Contractor and any discrepancies reported to the Consulting Structural Engineers for adjustment.
3. Dimensions shown on structural drawings must not be changed unless written permission is received from the Consulting Structural Engineers.
4. Drawings must not be scaled.
5. All excavated material to be removed from the site immediately.
6. Contractor shall make allowance for deflection of forms, for shrinkage and settlement of falsework.
7. Any stop in concrete work must be made at centerspan with vertical bulkheads.
8. All concrete shall have the following strength at 28 days.

for piles	2500 PSI Redcrete
for gradebeams, pilecaps and structural slab	3000 PSI P.C. concrete
9. Maximum aggregate size in piles 1 1/2"; in all other concrete: 3/4".
10. Maximum slump in concrete: 4
11. Under 40 F. outside temperature observe the requirements of "Recommended Practice for Winter Concreting" A.C.I. 604-56.
12. All piles to be drilled to length shown and cast in place immediately after drilling is completed. For size, length, top elevation and reinforcement, see Pile Schedule.
13. Should any unexpected condition occur in piling, the Consulting Structural Engineers shall be notified before proceeding with work.
14. Give top of concrete trowel finish. It must be square, level, and smooth.
15. Reinforcing steel shall have 1 1/2" minimum concrete protection, unless otherwise shown.
16. Provide #5 @ 12" o/c corner bars at all exterior corners of concrete beams.

THE CONTRACTOR IS RESPONSIBLE FOR CHECKING AND VERIFYING ALL DIMENSIONS AND SHALL REPORT ANY DISCREPANCIES TO THE ENGINEERS FOR ADJUSTMENT.

WEIZSMANN AND ASSOCIATES
CONSULTING ENGINEERS
424-272 MAIN STREET WINNIPEG, MANITOBA
TELEPHONE: 942-1040 & 942-1041

PLANNED BUILDING SERVICES
531 MARION, WINNIPEG, TEL. 233-1467

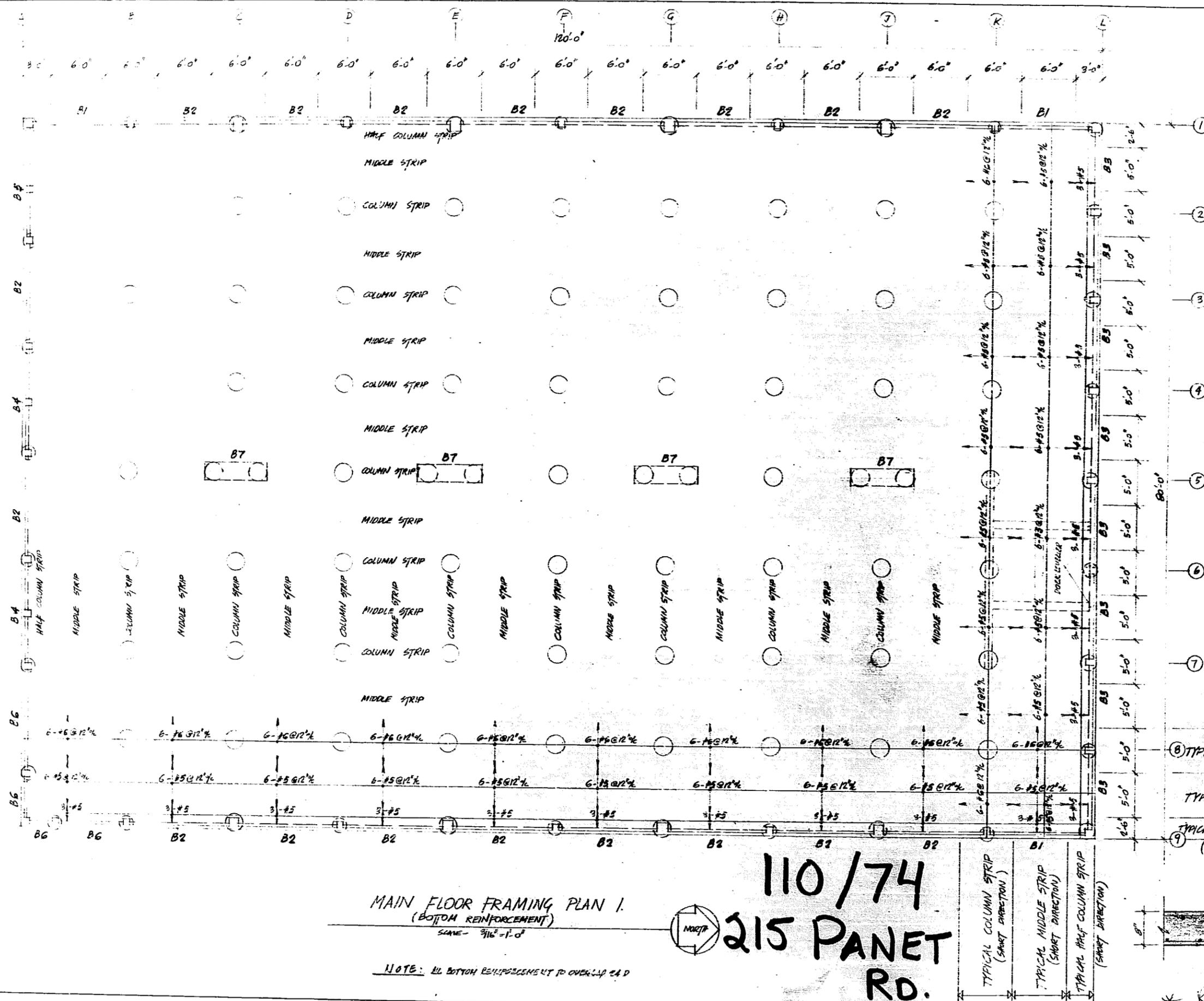
80' x 120' x 16' WAREHOUSE
FOR L.V. PATTESON LTD.
PANET ROAD, WINNIPEG

MAIN FLOOR FRAMING PLAN I,
GENERAL NOTES 1.



DRAWN BY:	SCALE:	DATE:	DRAWING NO.:
S. A. D.	NOTED	DEC. 1973	S-2
CHECKED BY:	FILE NO.:	REVISION NO.:	
E.W.	73 03 196		

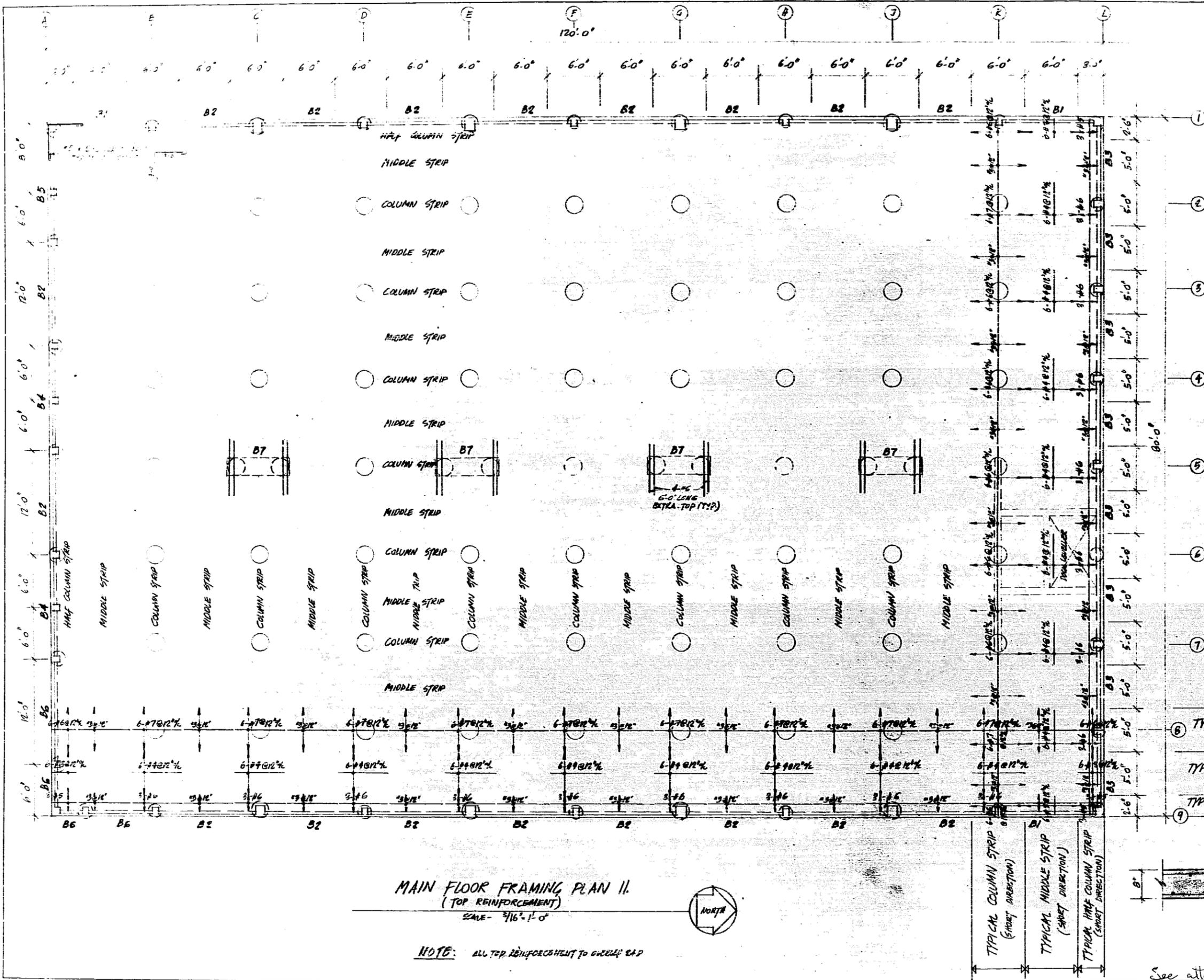
* Revised *
See attached



MAIN FLOOR FRAMING PLAN I.
(BOTTOM REINFORCEMENT)
SCALE - 3/16" = 1'-0"

110/74
215 PANET RD.

NOTE: ALL BOTTOM REINFORCEMENT TO OVERLAP 24" D



GENERAL NOTES II
(FOR NOTES #1-#6. SEE DWG. S-2)

17. Gracbeams bottom reinforcement to be spliced 2/3 over supports and top reinforcement to be spliced 2/3 at midspan.
18. Reinforcing steel to be intermediate grade, deformed bars of new billet steel with an allowable working stress of 20,000 PSI according to C.S.A. Specification 4-30.
19. Provide 4" Aerofoam under all gracbeams between piles.
20. Chamfer all exposed corners, unless otherwise shown.
21. Anchorbolts shall be located by template. Do not hanoset anchorbolts.
22. See mechanical, electrical, and service drawings and provide sleeves as required.
23. During construction of structural steel temporary bracing is required.
24. Steel suppliers shall verify all dimensions on site before fabrication.
25. All steel to receive one snapcoat of approved primer and after erection to be touched up.
26. All shopdrawings shall be submitted to the Consulting Structural Engineers for approval. Checking of shopdrawings is a mere assistance to the supplier or subcontractor and does not relieve him of his responsibilities.
27. This foundation is prepared for a 80'x120'x16" C&P II, prefabricated steel building designed by Butler Manufacturing Company (Canada) Limited. These drawings shall not be reused totally or partly for any other buildings or at any other location without the written permission of the Consulting Structural Engineers.
28. Contractor shall observe all provisions of drawings and specifications and all pertinent health, labour, fire and construction safety regulations.
29. Design live loads: Roof snow load: 36 PSF
Main floor: 500 PSF
30. Drawings and specifications as instrument of service are the property of the Consulting Engineers, the copyright in the same being reserved to them. No reproduction may be made without permission of the Consulting Structural Engineers and when made must bear their name.

THE CONTRACTOR IS RESPONSIBLE FOR CHECKING AND VERIFYING ALL DIMENSIONS AND SHALL REPORT ANY DISCREPANCIES TO THE ENGINEERS FOR ADJUSTMENT.

WEIZSMANN AND ASSOCIATES
CONSULTING ENGINEERS
406-272 MAIN STREET WINNIPEG, MANITOBA
TELEPHONES: 942-1040 & 942-1041

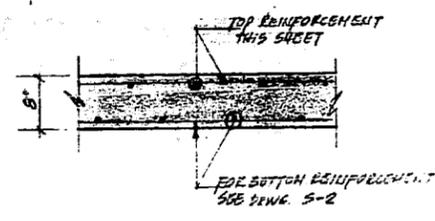
PLANNED BUILDING SERVICES
531 MARION, WINNIPEG, TEL. 233-1467

90' x 120' x 16' WAREHOUSE
FOR L.V. PATTESON LTD.
PANET ROAD, WINNIPEG

MAIN FLOOR FRAMING PLAN II,
GENERAL NOTES II.



DRAWN BY:	SCALE:	DATE:	DRAWING NO:
G.F.	NOTED	DEC. 1973	
CHECKED BY:	FILE NO.:	REVISION NO.:	
E.W.	73 03 106		S-3

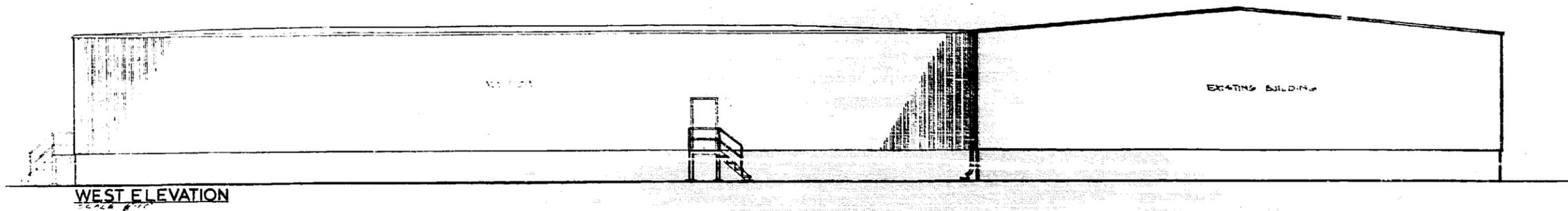


See attached drawings

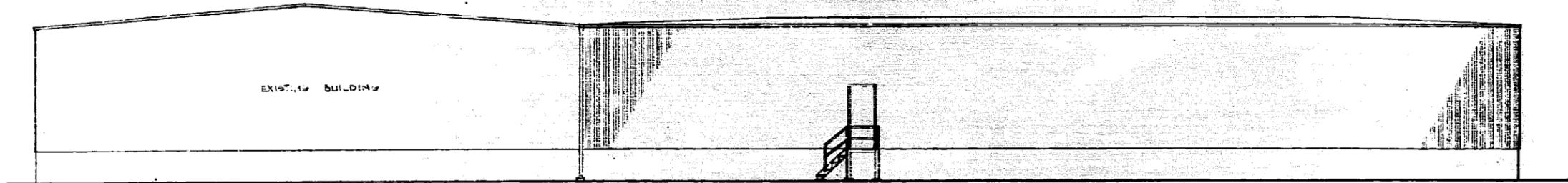
MAIN FLOOR FRAMING PLAN II
(TOP REINFORCEMENT)
SCALE - 3/16" = 1'-0"



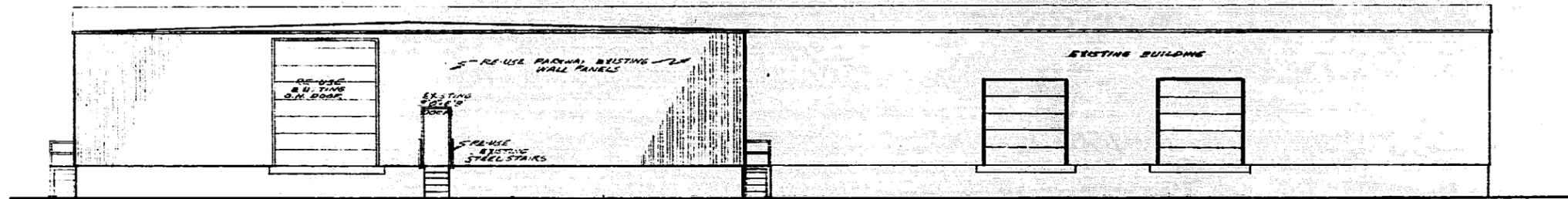
NOTE: ALL TOP REINFORCEMENT TO CHASEL END



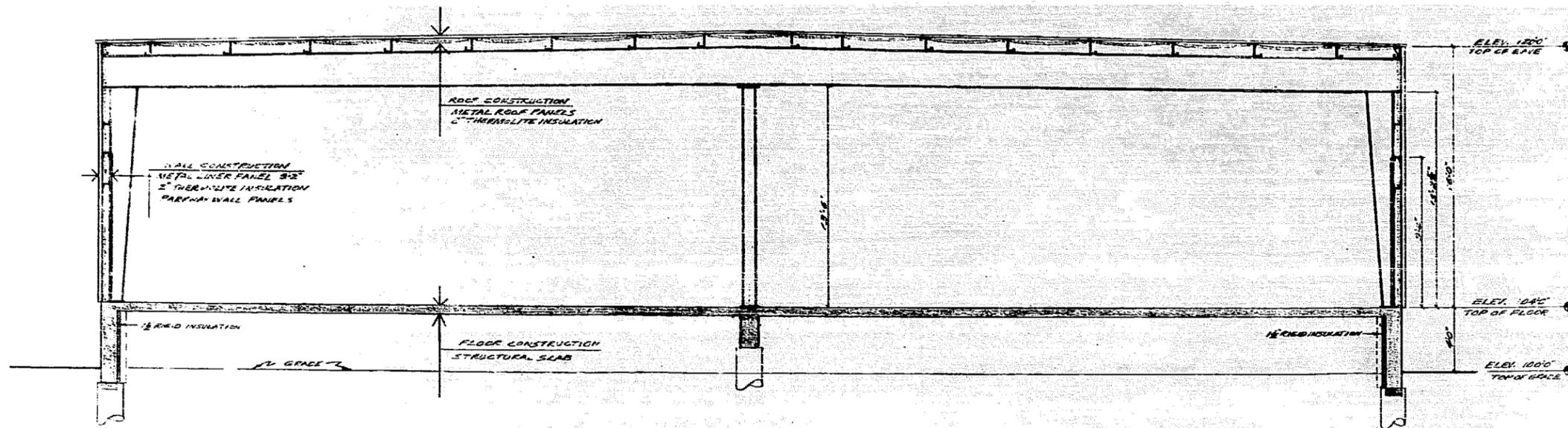
WEST ELEVATION
SCALE: 1/8" = 1'-0"



EAST ELEVATION
SCALE: 1/8" = 1'-0"

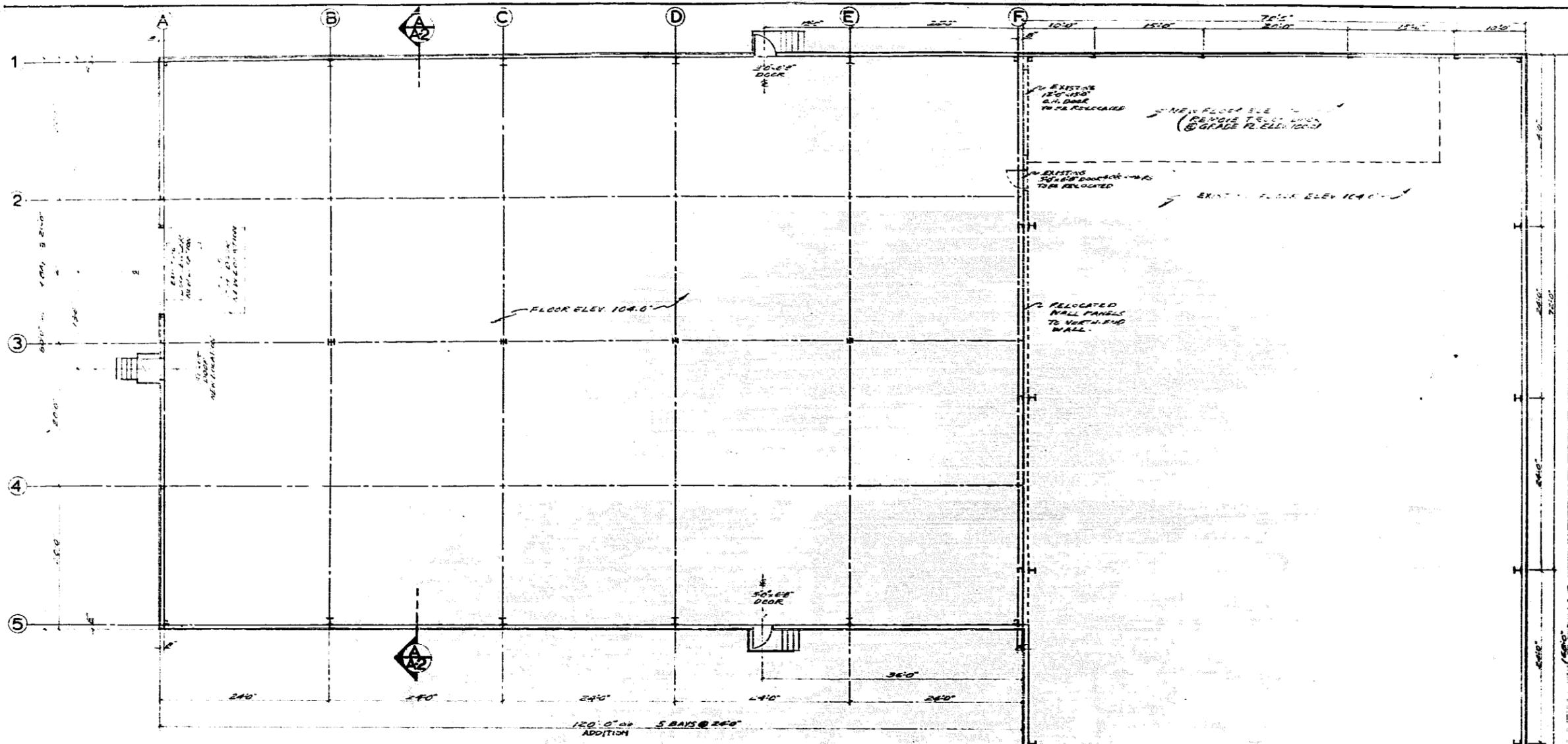


NORTH ELEVATION
SCALE: 1/8" = 1'-0"

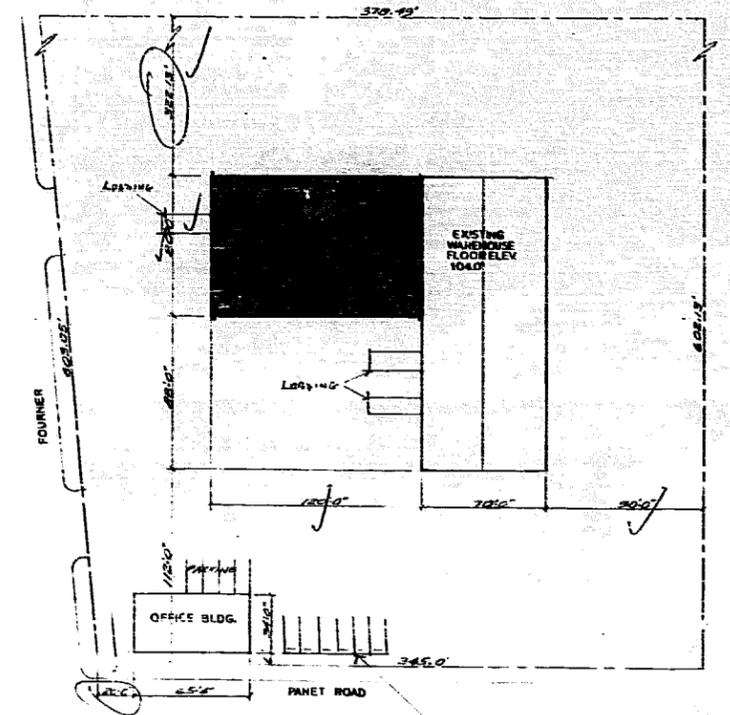


SECTION A-A
SCALE: 1/2" = 1'-0"

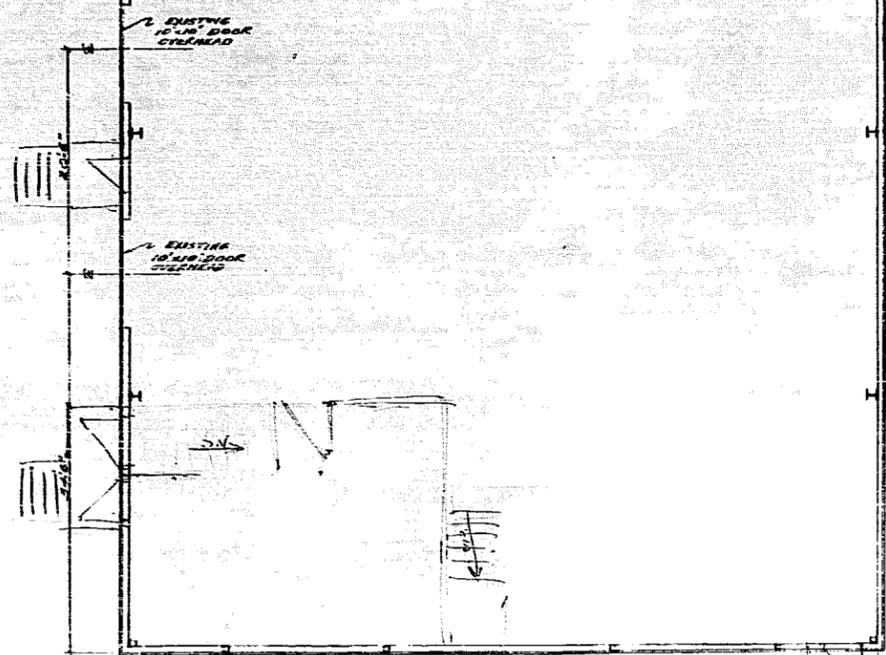
REV. No.	DATE
Planned Building Services <small>A DIVISION OF F. W. SAWATZKY LTD.</small> <small>531 MARION ST. WINNIPEG, MANITOBA R2J 0J9 PHONE 233-1487</small>	
DRAWING TITLE	
ELEVATION & SECTION	
JOB TITLE	
LV. PATTESON LIMITED WAREHOUSE ADDITION	
DRAWN: R.B.	CHECKED: [Signature]
SCALE: AS NOTED	DATE: DEC. 20/73
	SHEET NO. A-2



FLOOR PLAN:



SITE PLAN



CITY OF WINNIPEG
BUILDING INSPECTIONS DIVISION
METAL BUILDING APPROVED
SUBJECT TO THE FOLLOWING CONDITIONS

[Signature]
Jan 3, 1974

CITY OF WPG.
COPY

APPLICATION APPROVAL

DEPT.	DATE	APPROVED BY
ZONING	3/1/74	<i>[Signature]</i>
PLAN EXAM	3/1/74	<i>[Signature]</i>
STRUCTURAL	3/1/74	<i>[Signature]</i>
MECHANICAL		
ELECTRICAL		

RE: 6 Car Park / Loading dock
Date Jan 3/74
APPROVED
[Signature]
THE CITY OF WINNIPEG

OK TO USE EXISTING APPROACHES
DATE 4/1/74
NO OBJECTIONS
DATE 3/1/74

GROUP F - DIV 2 ARTICLE 3.2.1.99.(1)

REV.	No.	DATE

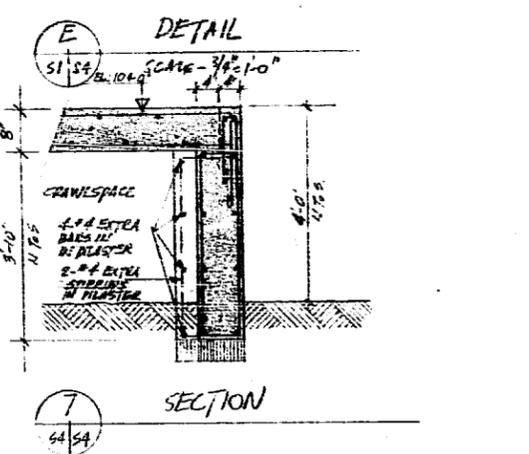
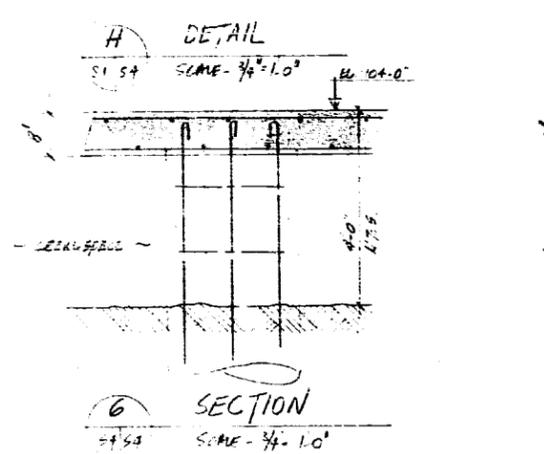
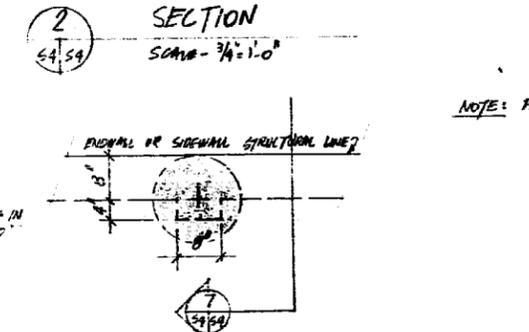
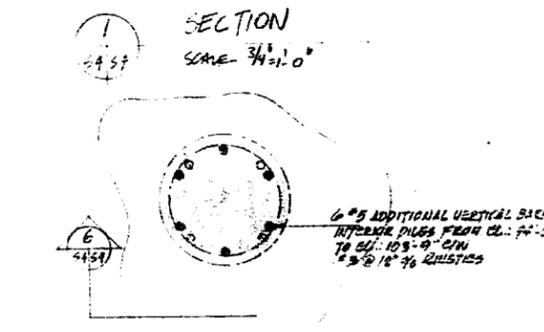
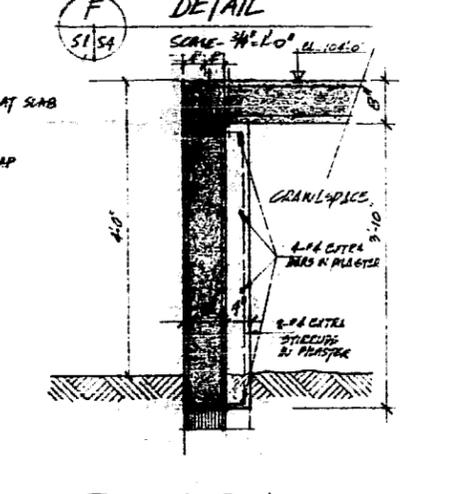
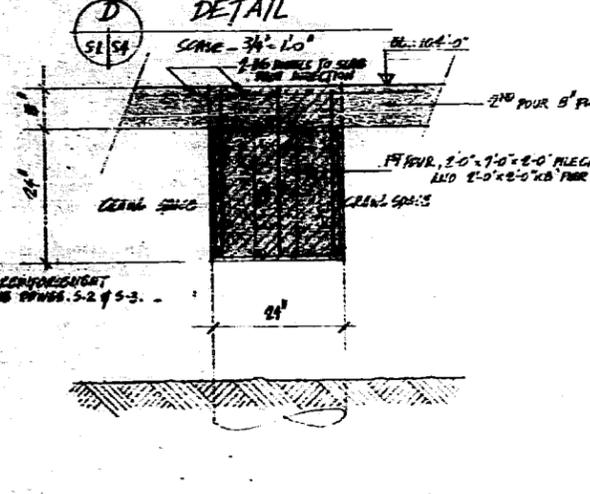
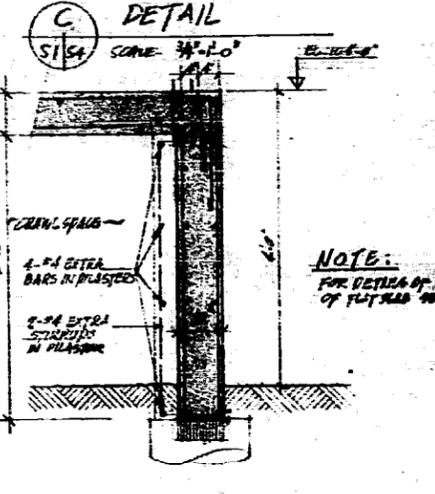
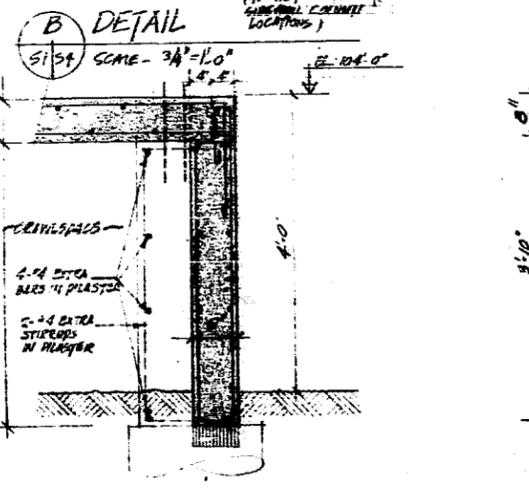
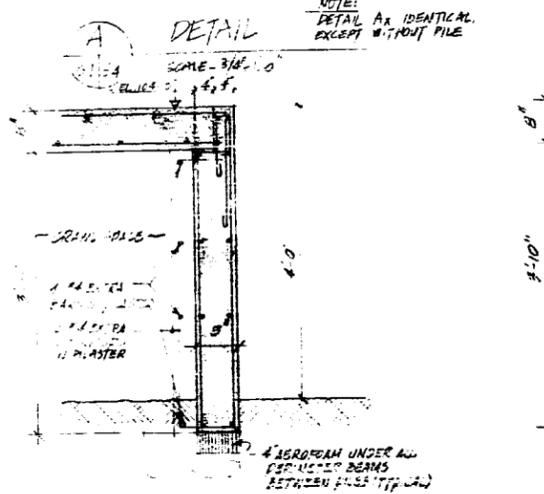
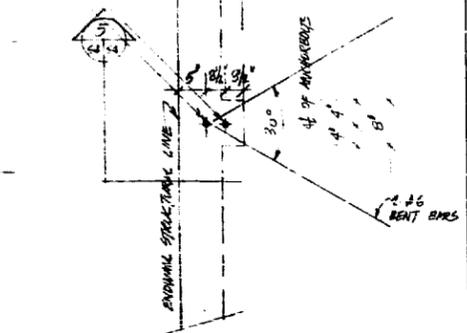
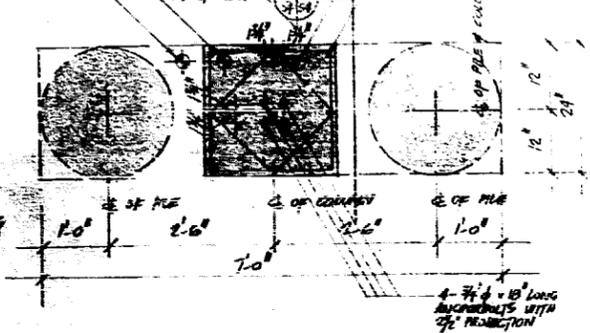
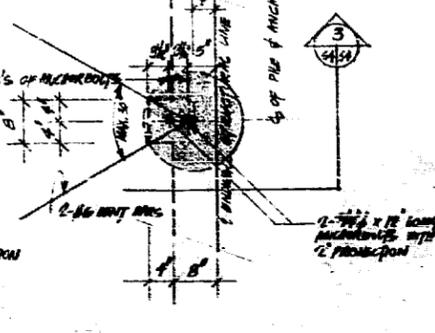
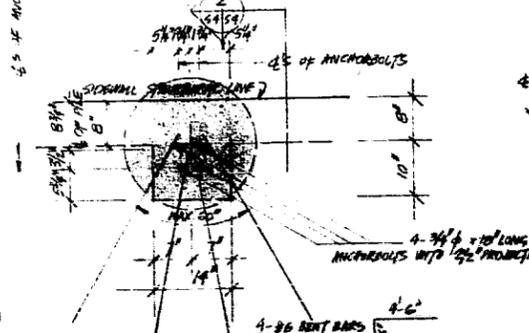
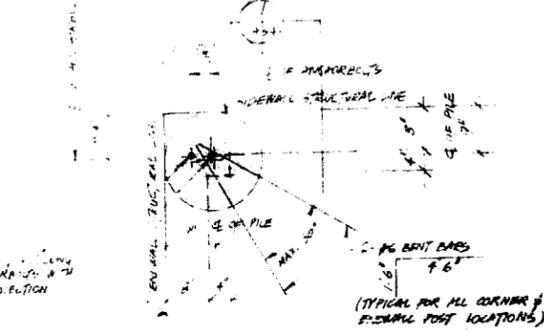
Planned Building Services
A DIVISION OF F.W. SMATSKY LTD.
631 MARION ST. WINNIPEG, MANITOBA R2J 0J2 PHONE 233-1487

DRAWING TITLE
SITE PLAN & FLOOR PLAN

JOB TITLE
L.V. PATTESON LIMITED WAREHOUSE ADDITION

DRAWN: R.B.	CHECKED:	DATE: DEC 20/73
SCALE:	JOB NO.:	SHEET NO.:

NOTE: TO BE ACCORDANCE WITH SECTION OF ALL DIMENSIONS TO BE SPECIFIED BY ARCHITECT. ALL DIMENSIONS TO BE TO FACE UNLESS OTHERWISE NOTED.



NOTE: PROVIDE 2" XEROFOAM INSULATION ON ALL INTERIOR SURFACES OF EXTERIOR GRABBERS.

PILE SCHEDULE

MARK OF PILE	# OF PILE	LENGTH	TOP OF PILE	REINFORCEMENT	REMARKS
36, 62 INCL 64, 72, 78, 83 INCL, 86, 109 INCL	24	50'-0"	103'-4"	6-#5 VERT BARS IN TOP 20" OF PILES, PRO @ 48" RANGINGS	6" PROTECTION INTO SLAB ABOVE 6-#5 VERT BARS IN TOP 20" OF PILES, PRO @ 48" RANGINGS SEE DETAIL
63, 84, 85	24	50'-0"	101'-4"	6-#5 VERT BARS IN TOP 20" OF PILES, PRO @ 48" RANGINGS	6" PROTECTION INTO SLAB ABOVE 6-#5 VERT BARS IN TOP 20" OF PILES, PRO @ 48" RANGINGS SEE DETAIL
64, 65, 67, 68, 70, 71, 73, 74	24	45'-0"	101'-4"	6-#5 VERT BARS IN TOP 20" OF PILES, PRO @ 48" RANGINGS	6" PROTECTION INTO SLAB ABOVE 6-#5 VERT BARS IN TOP 20" OF PILES, PRO @ 48" RANGINGS SEE DETAIL
3, 9, 7, 9, 21, 23, 25, 27	24	45'-0"	99'-6"	6-#5 VERT BARS IN TOP 20" OF PILES, PRO @ 48" RANGINGS	6" PROTECTION INTO SLAB ABOVE 6-#5 VERT BARS IN TOP 20" OF PILES, PRO @ 48" RANGINGS SEE DETAIL
1, 8, 13, 15, 17, 19, 29, 35 INCL	18	45'-0"	99'-6"	6-#5 VERT BARS IN TOP 20" OF PILES, PRO @ 48" RANGINGS	6" PROTECTION INTO SLAB ABOVE 6-#5 VERT BARS IN TOP 20" OF PILES, PRO @ 48" RANGINGS SEE DETAIL
2, 4, 6, 8, 10, 20, 22, 24, 26, 28	16	45'-0"	99'-6"	6-#5 VERT BARS IN TOP 20" OF PILES, PRO @ 48" RANGINGS	6" PROTECTION INTO SLAB ABOVE 6-#5 VERT BARS IN TOP 20" OF PILES, PRO @ 48" RANGINGS SEE DETAIL
12, 14, 16, 18	16	40'-0"	99'-6"	6-#5 VERT BARS IN TOP 20" OF PILES, PRO @ 48" RANGINGS	6" PROTECTION INTO SLAB ABOVE 6-#5 VERT BARS IN TOP 20" OF PILES, PRO @ 48" RANGINGS SEE DETAIL

BEAM SCHEDULE

MARK OF BEAM	SIZES		NO		TYPE	EQUILIBRS	STARTERS	
	WIDTH	DEPTH	Q22	Q25			#25	SPACING
B1	8"	54"	2	2	TOP MIDSPAN BOT		3	@ 12"
B2	8"	54"	1	1	TOP MIDSPAN BOT		3	@ 12"
B3	5"	54"	2	2	TOP MIDSPAN BOT		3	@ 12"
B4	6"	54"	1	1	TOP MIDSPAN BOT		4	@ 6"
B5	8"	54"	1	1	TOP MIDSPAN BOT		4	@ 6"
B6	8"	54"	1	1	TOP MIDSPAN BOT		4	@ 6"
B7	24"	24"	1	1	TOP MIDSPAN BOT		4	@ 6" IN PAIRS

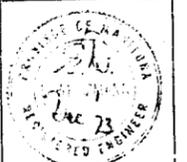
THE CONTRACTOR IS RESPONSIBLE FOR CHECKING AND VERIFYING ALL DIMENSIONS AND SHALL REPORT ANY DISCREPANCIES TO THE ENGINEERS FOR ADJUSTMENT.

WEIZSMANN AND ASSOCIATES
CONSULTING ENGINEERS
406-272 MAIN STREET WINNIPEG, MANITOBA
TELEPHONE: 942-1040 & 942-1041

PLANNED BUILDING SERVICES
631 MARION, WINNIPEG, TEL. 233-1467

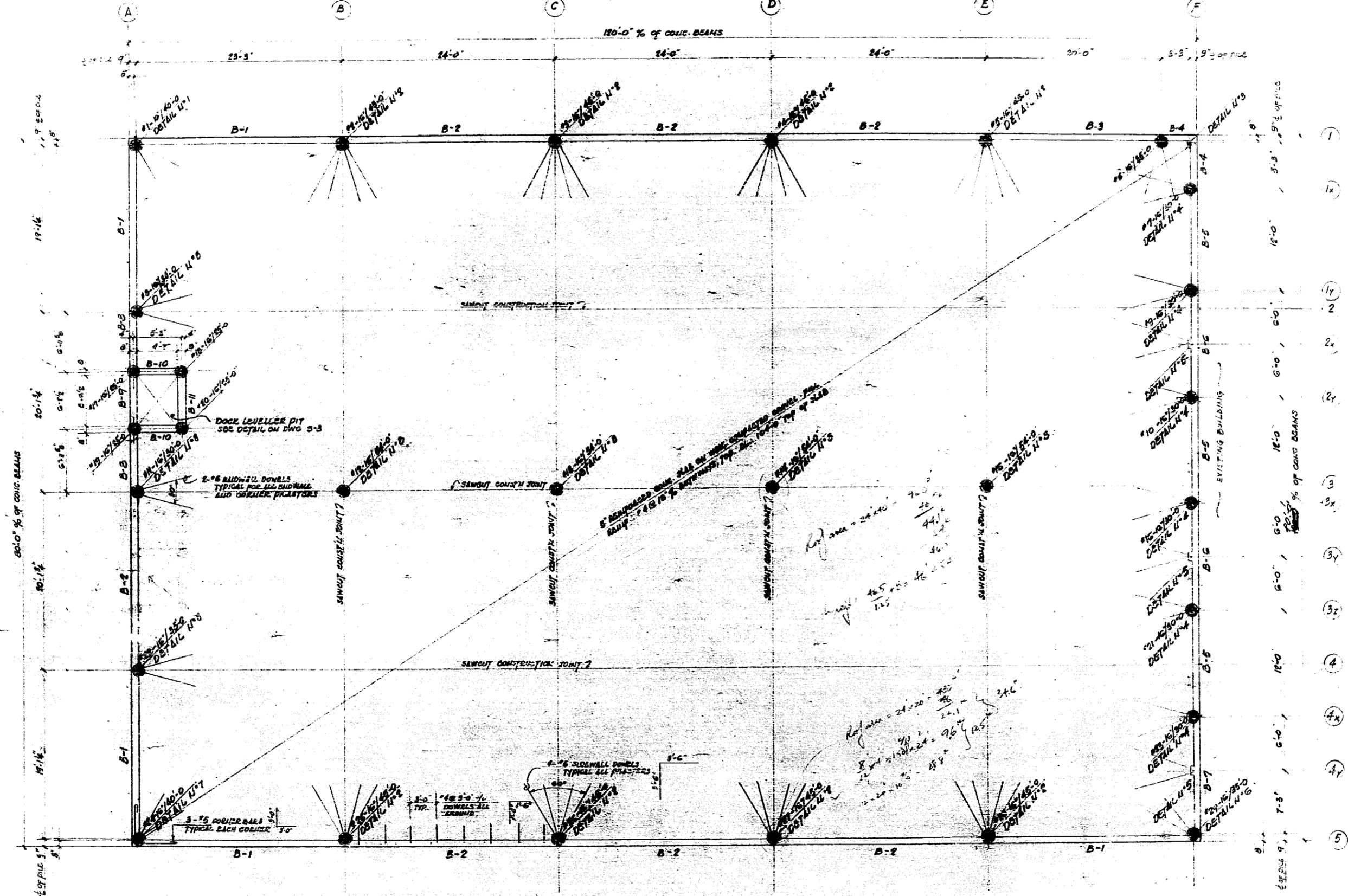
80' x 120' x 16' WAREHOUSE
FOR L.V. PATTESON LTD.
PANET ROAD, WINNIPEG

PILE & BEAM SCHEDULES
MAIN FLOOR DETAILS



DRAWN BY	SCALE	DATE	DRAWING NO.
G.F.	NOTED	DEC. 1973	S-4
CHECKED BY	FILE NO.	REVISION NO.	
E.W.	73 03 196		

* See attached revised drawings



FOUNDATION PLAN
 SCALE: 1/4" = 1'-0"
 NORTH

WEIZMANN AND ASSOCIATES
 CONSULTING ENGINEERS
 406-272 MAIN STREET WINNIPEG, MANITOBA
 TELEPHONES: 942-1040 & 942-1041

REV. No. DATE

Planned Building Services
 A DIVISION OF F. W. SAWATZKY LTD.
 631 MARION ST. WINNIPEG, MANITOBA R2J 0J9 PHONE 233-4457

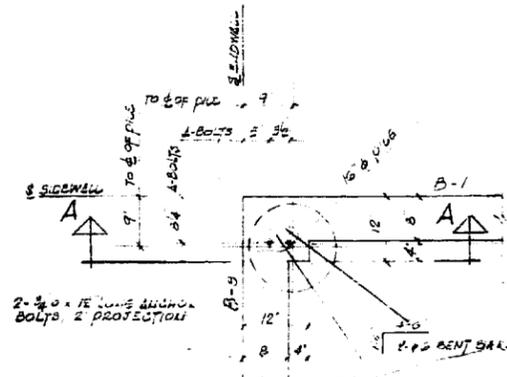
DRAWING TITLE
80'x120'x16' WAREHOUSE FOR L.V. PATTESON LTD. PALET ROAD WINNIPEG, MA.

JOB TITLE
FOUNDATION PLAN

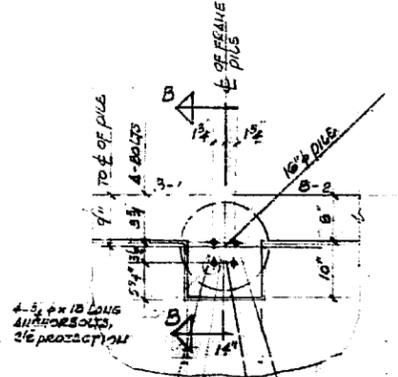
DRAWN: ZJ CHECKED: EW DATE: FEB 1974
 SCALE: AS SHOWN JOB NO: 7404196 SHEET NO: 5-1



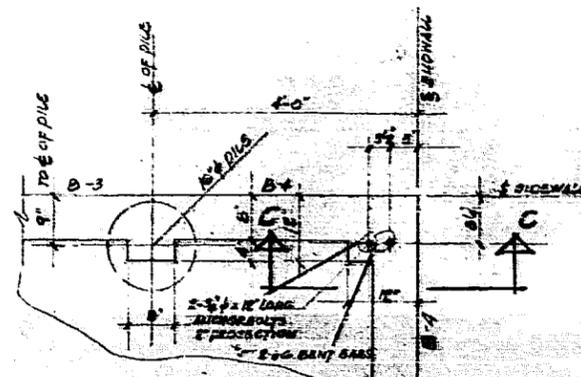
* Revised drawing



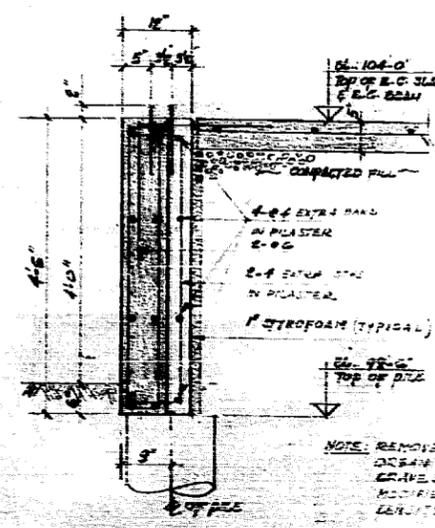
DETAIL N°1 - PLAN



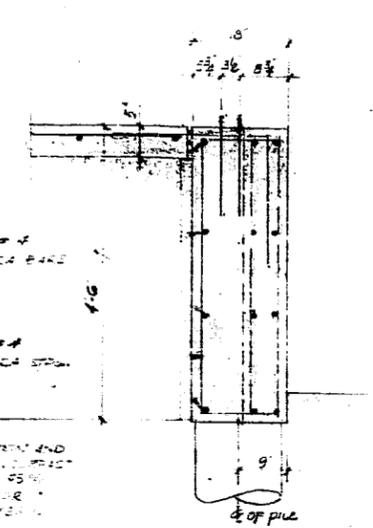
DETAIL N°2 - PLAN



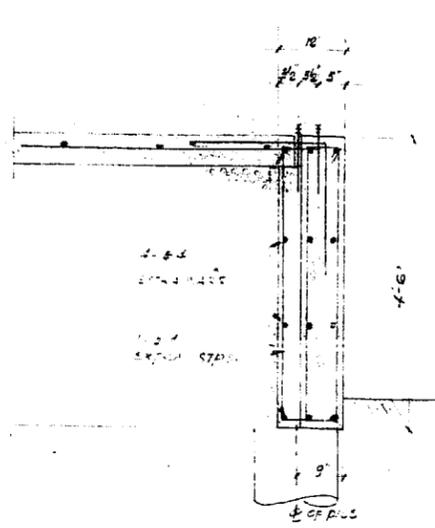
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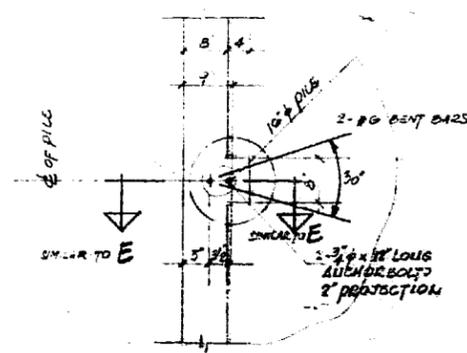
SECTION A-A



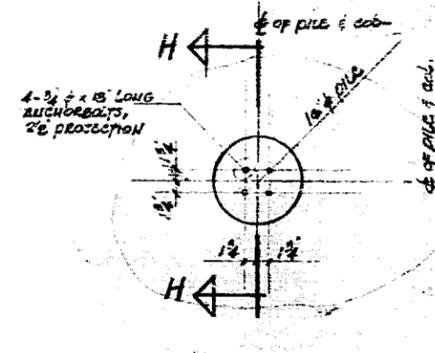
SECTION B-B



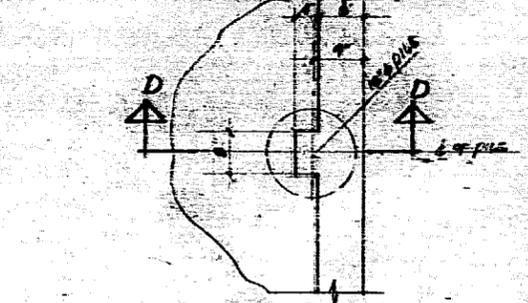
SECTION C-C



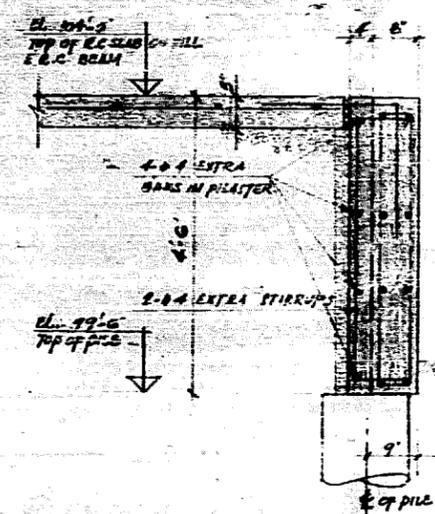
DETAIL N°8 - PLAN



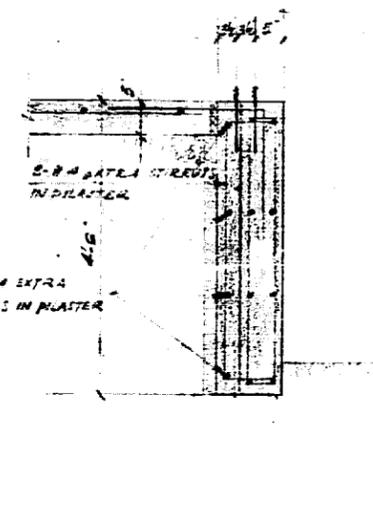
DETAIL N°9 - PLAN



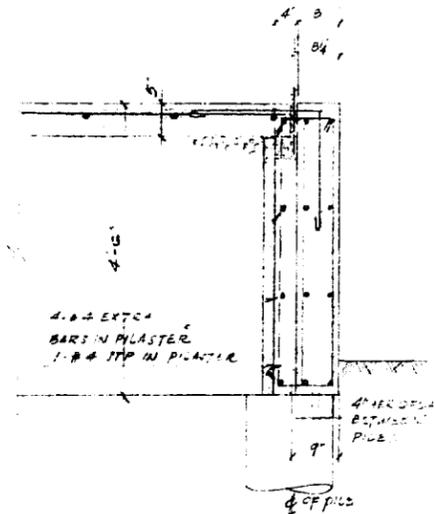
DETAIL N°4 - PLAN



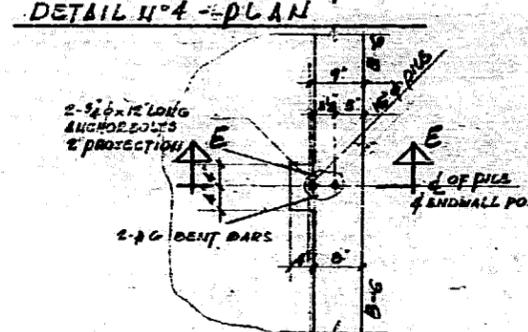
SECTION D-D



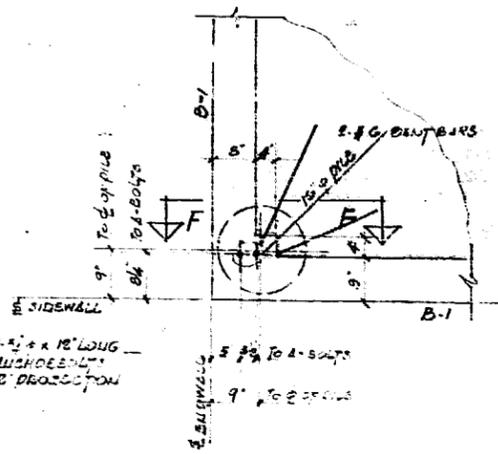
SECTION E-E



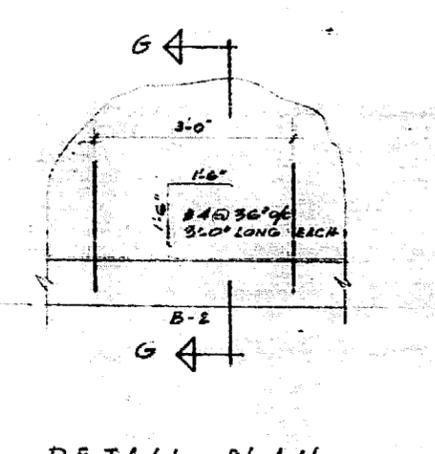
SECTION F-F



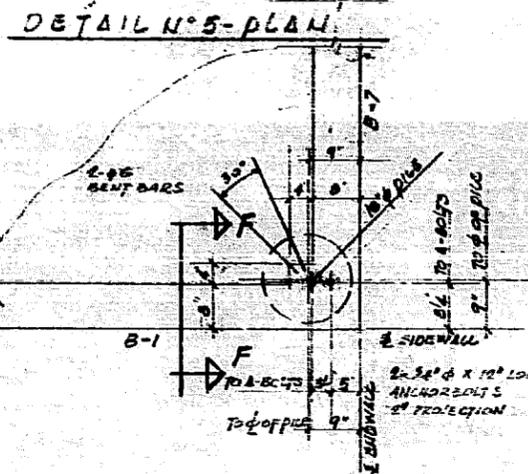
DETAIL N°5 - PLAN



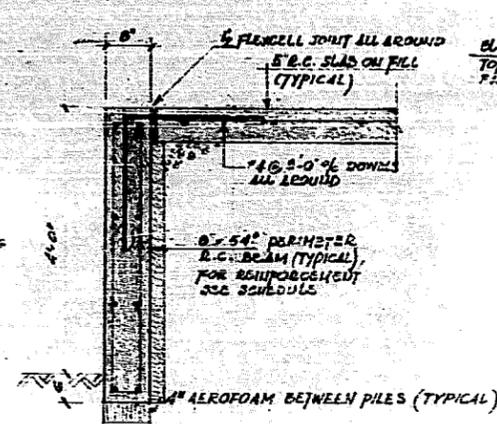
DETAIL N°7 - PLAN



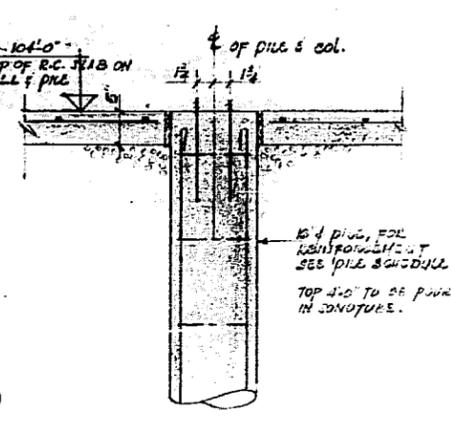
DETAIL - PLAN TYPICAL DOWELLING



DETAIL N°6 - PLAN



SECTION G-G



SECTION H-H

WEIZMANN AND ASSOCIATES
CONSULTING ENGINEERS
406-272 MAIN STREET WINNIPEG, MANITOBA
TELEPHONES: 942-1040 & 942-1041

Planned Building Services
A DIVISION OF T.W. SARANTY LTD.
531 MARION ST. WINNIPEG, MANITOBA R2M 0Z2 PHONE 233-1467

DRAWING TITLE
90'x120'x16' WAREHOUSE FOR L.V. PATTESON LTD. PARKET ROAD WINNIPEG, MAN.

JOB TITLE
FOUNDATION DETAILS

DRAWN: <i>[Signature]</i>	CHECKED: E.W.	DATE: FEB 1974
SCALE: A" SHOWN	JOB NO: 7404196	SHEET NO: 5-2



PILE SCHEDULE

MARK OF PILE	# OF PILE	LENGTH	ELEVATION TOP OF PILE	REINFORCEMENT	REMARKS
1, 24	16"	40'-0"	99'-6"		
2, 3, 4, 5 25, 26, 27, 28,	16"	45'-0"	99'-6"		
6, 21, 29	16"	35'-0"	99'-6"		
7, 8, 9, 10, 11, 16, 21, 23,	16"	30'-0"	99'-6"		
12, 13, 14, 15,	16"	54'-0"	104'-0"		FOR ANCHOR BOLTS SEE DETAIL TOP 4'-0" TO BE FORMED IN SCHEDULE
17, 19	16"	25'-0"	99'-6"		
18, 20	16"	25'-0"	102'-0"		

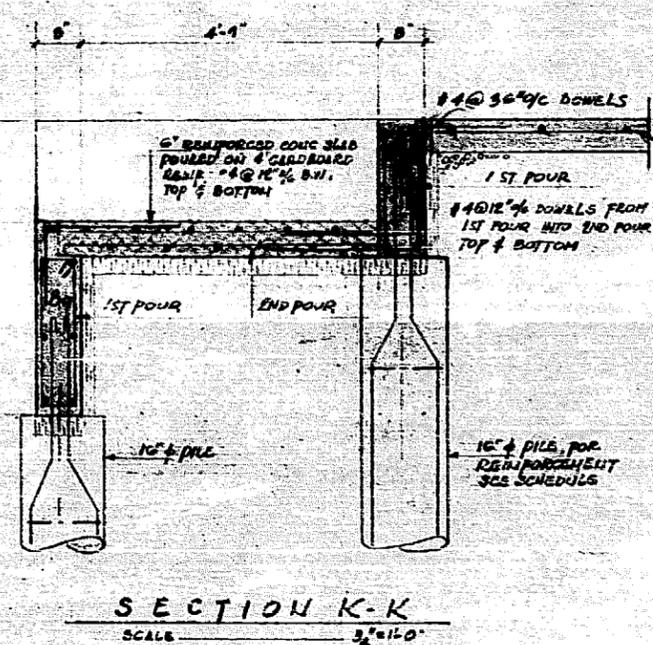
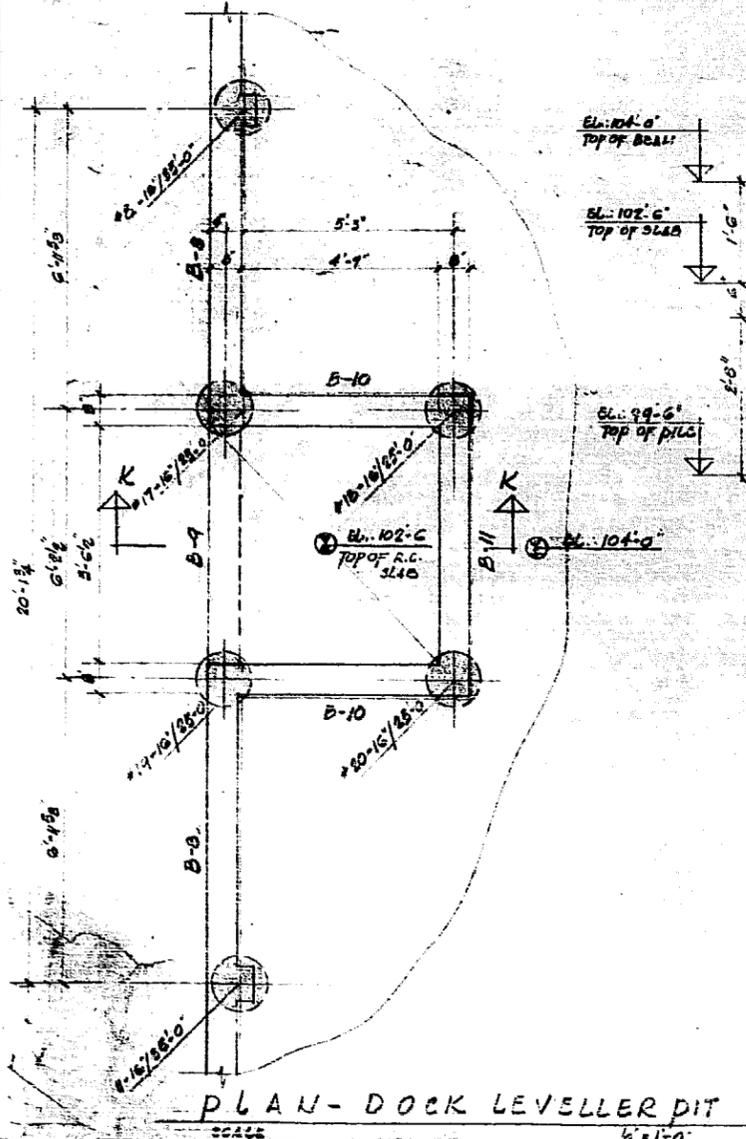
4-#4 VERTICAL BARS 20'-0" LONG EACH
1'-6" PROTECTION INTO R.C. BEAMS
RINGPIES - 1/2" @ 48" O.C.

BEAM SCHEDULE

MARK OF BEAM	SIZE	REINFORCEMENT				STIRRUPS	
		#	SIZE	TYPE	REMARKS	SIZE	SPACING
B-1	8" x 54"	2	1/2"	TOP	NOBLE	4	6" O.C.
B-2	8" x 34"	2	1/2"	BOTTOM		4	6" O.C.
B-3	8" x 54"	2	1/2"	TOP		4	6" O.C.
B-4	8" x 54"	2	1/2"	TOP		4	6" O.C.
B-5	8" x 34"	2	1/2"	BOTTOM		4	6" O.C.
B-6	8" x 34"	2	1/2"	BOTTOM		4	6" O.C.
B-7	8" x 54"	2	1/2"	TOP		4	6" O.C.
B-8	8" x 54"	2	1/2"	TOP		4	6" O.C.
B-9	8" x 30"	2	1/2"	BOTTOM		4	6" O.C.
B-10	8" x 34"	2	1/2"	BOTTOM		4	6" O.C.
B-11	8" x 34"	2	1/2"	BOTTOM		4	6" O.C.

GENERAL NOTES

- All drawings to be checked and approved by the Engineer before construction.
- Checking of drawings is the responsibility of the contractor and does not relieve him of his responsibility.
- All drawings shall contain marks as shown on drawings and schedules. Reinforcing steel supplier may use different marks only in a different size or shape from the original marks shown on drawings.
- Dimensions shown on drawings must not be changed unless written permission is received from the Consulting Engineers.
- It is the Contractor's responsibility to notify the Consulting Engineers of any commencement of the construction.
- Contractor shall be thoroughly familiar with conditions of site before proceeding with work.
- All concrete shall have the following strength at 28 days:
 - Columns and pile caps: 4000 PSI Concrete
 - Beams and slabs: 3000 PSI Concrete
 - Slabs on fill: 2500 PSI Concrete
- Formwork aggregate slabs in piles and slabs to fill. All other concrete as shown.
- Reinforcing steel in concrete as shown.
- Under 10° outside temperature observe the requirements of Building Code 7711 of the City of Winnipeg.
- All removed material to be removed from the site immediately.
- The Consulting Engineers shall be notified of hours of the commencement of the filling.
- All pile diameters shown on plans are for reference only. Subject to local soil conditions to be found on the site, pile diameters will be increased as per the Consulting Engineers' instructions.
- For length of piles, top elevation and reinforcement see Pile schedule. All piles shall be cast in place immediately after drilling is completed.
- Vertical pile reinforcing shall extend 12" into the upper structure.
- Gradebeam bottom reinforcement to be spliced 2:5 over supports and top reinforcement to be spliced 2:5 at midspan.
- Provide 4" airspace under all gradebeams between piles.
- Anchor bolts shall be located by template. Do not hammer anchor bolts.
- Give top of foundation cross finish. It must be square, level and smooth.
- Chamfer all exposed corners, unless otherwise noted.
- See mechanical, electrical and service drawings and schedules as required.
- Contractor shall make allowance for deflection of form, shrinkage and settlement of falsework.
- Any stop in concrete work must be made at construction vertical midheight. Reinforcement to be continuous through construction joints.
- Reinforcement of slab on fill to be continuous through construction expansion joints.
- Use 1/2" flexible slip joint for slab on fill all around.
- All concrete slabs on fill to have 6 Mil polyethylene vapour barrier between concrete and gravel fill.
- Reinforcing steel to be inter-arrange grade, uncoated bars of new billet steel with an allowable working stress of 60,000 PSI according to C.S.A. Specification 0-30.
- Reinforcing steel shall have 1 1/2" minimum concrete protection, unless otherwise shown.
- Detailing of reinforcing steel to conform to A.C.I. Code, unless otherwise noted.
- Supplier shall verify all dimensions on site before fabrication of deckleveller.
- All steel to receive one shopcoat of approved primer and after erection to be touched up.
- This foundation is prepared for a 50'x120'x16" GWP II, prefabricated steel building designed by Butler Manufacturing Company (Canada) Limited. These drawings shall not be used totally or partly for any other building or at any other location without the written permission of the Consulting Structural Engineers.
- Contractor shall observe all provisions of drawings and specifications and all pertinent health, labour, fire and construction safety regulations.
- Due to known adverse subsurface conditions, the location of the slab on fill may be to be expanded.
- Design roof snow load: 30 PSF
- Drawings and specifications as introduced by service are the property of the Consulting Engineers, the copyright in them is reserved to them. No reproduction or use of any part without the permission of the Consulting Engineers. Any use made must bear their name.



WEISZMANN AND ASSOCIATES
CONSULTING ENGINEERS
406-272 MAIN STREET WINNIPEG, MANITOBA
TELEPHONE: 942-1040 & 942-1041

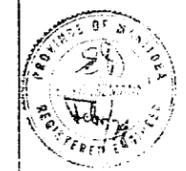
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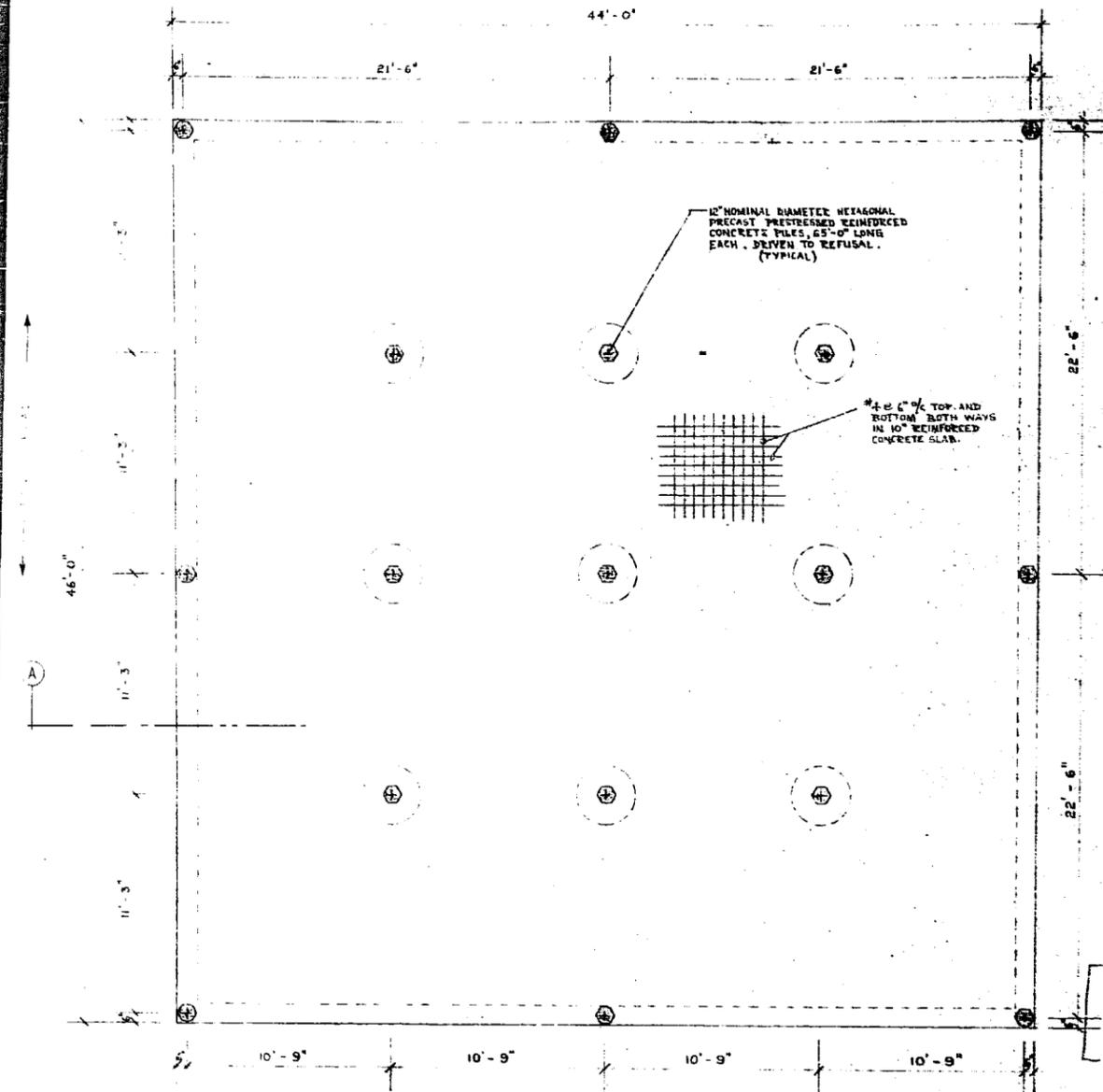
Planned Building Services
A DIVISION OF F.W. SAMATRY LTD.
531 MARION ST. WINNIPEG, MANITOBA R2J 0J9 PHONE 233-1407

DRAWING TITLE
80'x120'x16' WAREHOUSE FOR L.V. PATTESON LTD. PANEL ROAD WINNIPEG, MAN.

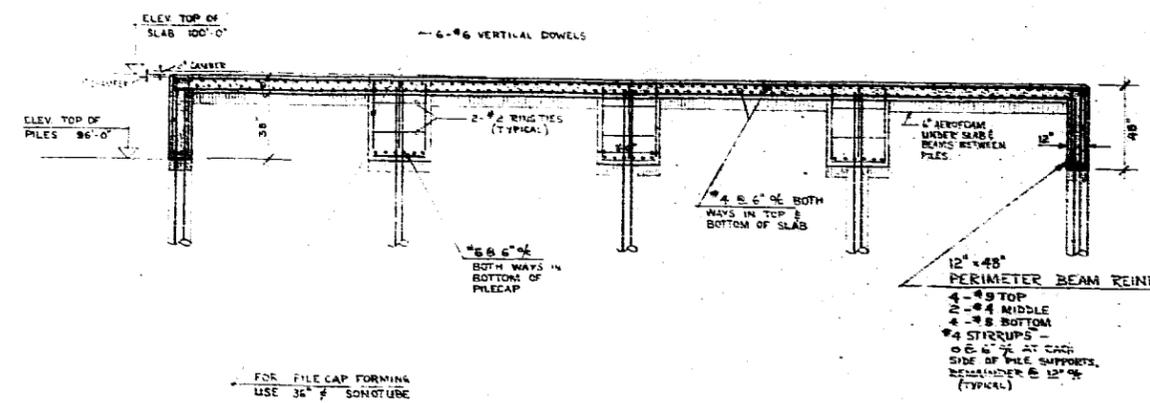
JOB TITLE
GENERAL NOTES SCHEDULES AND LOCK LEVELLER PIT DETAILS

DRAWN: H CHECKED: B.W. DATE: FEB. 1974
SCALE: AS SHOWN JOB NO.: 7404196 SHEET NO.: 5-3

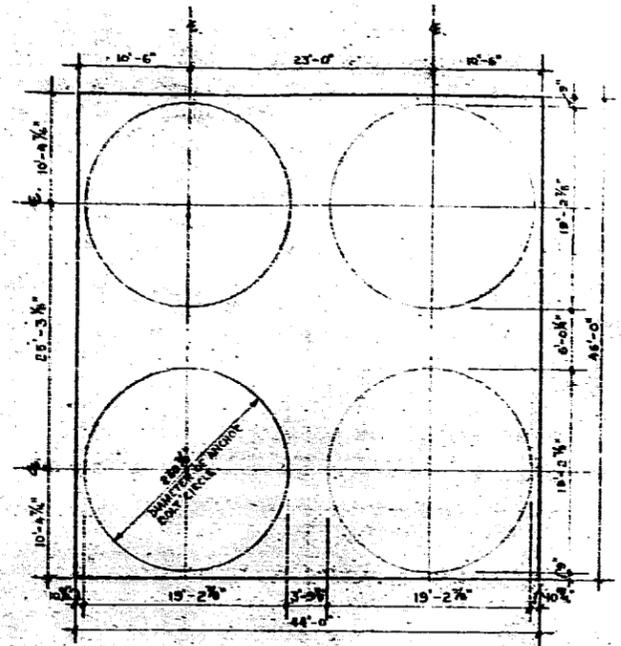




FOUNDATION PLAN
SCALE 1/4" = 1'-0"



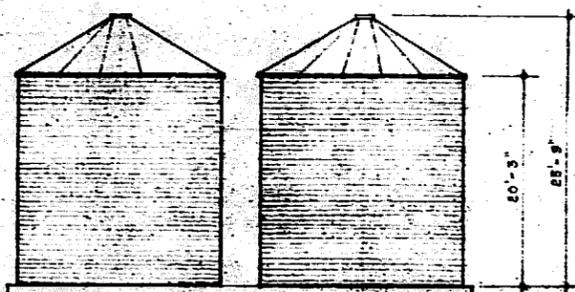
SECTION 'A'
SCALE 1/4" = 1'-0"



GENERAL LAYOUT PLAN
SCALE 1/4" = 1'-0"

APPLICATION APPROVAL

DEPT.	DATE	APPROVED BY	FWD. TO
ZONING	11/14/74	R. P. B.	P.E.
PLANNING			
STRUCTURAL			
MECHANICAL			
ELECTRICAL			



SIDE ELEVATION
SCALE 1/4" = 1'-0"

*In piles & concrete slab only
May 12, 74 - L.P.B.
Superstructure permit required for storage bin*

RECEIVED TO THE STREET AND TRANSIT DIV. (DATE) (BY)

THE METROPOLITAN CORPORATION OF GREATER WINNIPEG

PRIVATE APPLICANCES

CONFORMING NON-CONFORMING

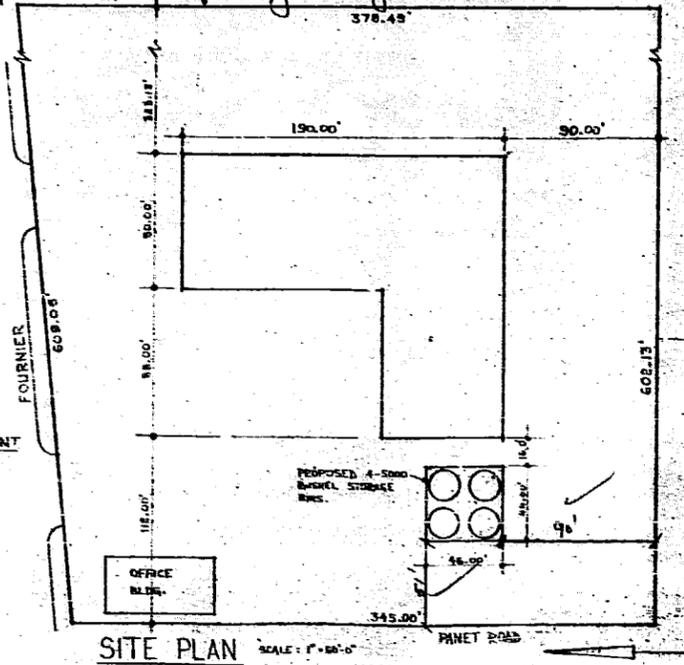
REMARKS: NO OBJECTION FROM A TRAFFIC POINT OF VIEW TO THE CONTINUED USE OF EXISTING APPROACHES.

DATE: 11/14/74 CHECKED BY: [Signature]

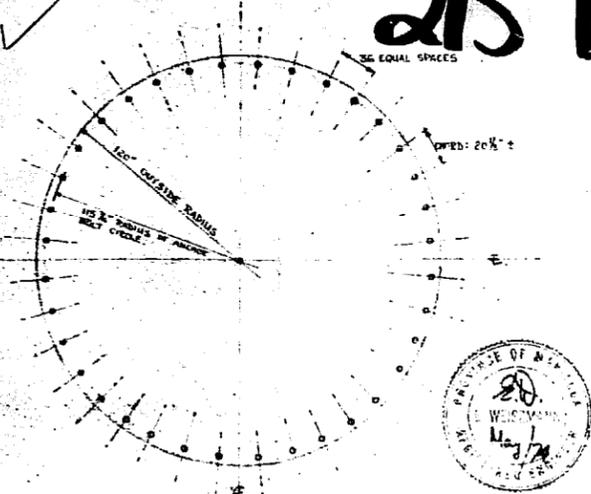
TRANSPORTATION PLANNING

REMARKS: NO OBJECTION

DATE: 11/15/74 CHECKED BY: [Signature]



SITE PLAN
SCALE 1" = 50'-0"



ANCHOR BOLT LAYOUT PLAN
SCALE 1/4" = 1'-0"

NOTES:

- THIS DRAWING HAS TO BE USED IN CONJUNCTION WITH WESTEEL-ROSCO "YELLOW TOP" GRAIN BIN ERECTION MANUAL.
- TOP ELEVATION OF SLAB TO BE SET ACCORDING TO OWNER'S INSTRUCTIONS.

- GENERAL NOTES
- All reinforcing steel shop drawings to be submitted to Structural Engineers for approval.
 - Contractor shall check all dimensions and data from drawings and reports and report any discrepancies to Structural Engineers for adjustment.
 - All concrete shall have the following strength at 28 days:
 - Gravel piles: 5000 PSI Kallcrete
 - Slab & Pile Caps: 3000 PSI Kallcrete
 - Max. slump in all concrete: 4"
 - Max. aggregate size in concrete: 3/4"
 - Pile driving criteria: max. penetration under last 8 blows: 1"
 - The pile driving hammer shall be capable of delivering a blow having a rated energy of at least 30,000 foot pounds. The pile driving equipment to be used by the contractor shall be of sufficient capacity so that the piles can be handled and driven to the required penetration without unwarranted damage being done to the piles.
 - The piling shall be of dimensions as stated on the plans. Piles which deviate from a straight line by more than 2% of their length shall be replaced by the piling contractor at his own expense. The tops of each pile after driving shall be not more than 1" from the location designated on the plans.
 - A minimum allowance of 1/8" of cut-off shall be allowed as to expose this amount of the prestressing strand for the purpose of doweling into the construction above. A cut-off will be necessary on all piles by chipping off neatly and perpendicular to the axis of the pile at the required elevation.
 - Extensions, splices or "build-ups" on the piles shall be avoided but when necessary these shall be constructed to detail to be approved by the Structural Engineers. Pile lengths shall be sufficient to avoid the necessity of "build-ups" wherever practicable.
 - Top of all piles to be visibly marked in 1' increments.
 - Reinforcing steel to be intermediate grade, deformed bars of approved steel with an allowable working stress of 20,000 PSI according to CSA Specification G-30.
 - Detailing of reinforcing steel to conform to ACI Code, unless otherwise noted.
 - Design live load: 1,400,000 lbs.

**35841
74**

215 PANET RD

REV. No.	DATE	
Planned Building Services		
A DIVISION OF F. W. SAMATZKY LTD.		
831 MARION ST. WINNIPEG, MANITOBA R2J 0J8 PHONE 231-1487		
DRAWING TITLE		
L.V. PATTESON LTD. PANET ROAD		
WINNIPEG MANITOBA		
JOB TITLE		
FOUNDATION FOR 4-5000 BUSHEL WESTEEL - ROSCO GRAIN BIN		
DRAWN: R.I.	CHECKED: V.W.	DATE: 11/14/74
SCALE: AS SHOWN	JOB NO. 7405196	SHEET NO. 5-1

