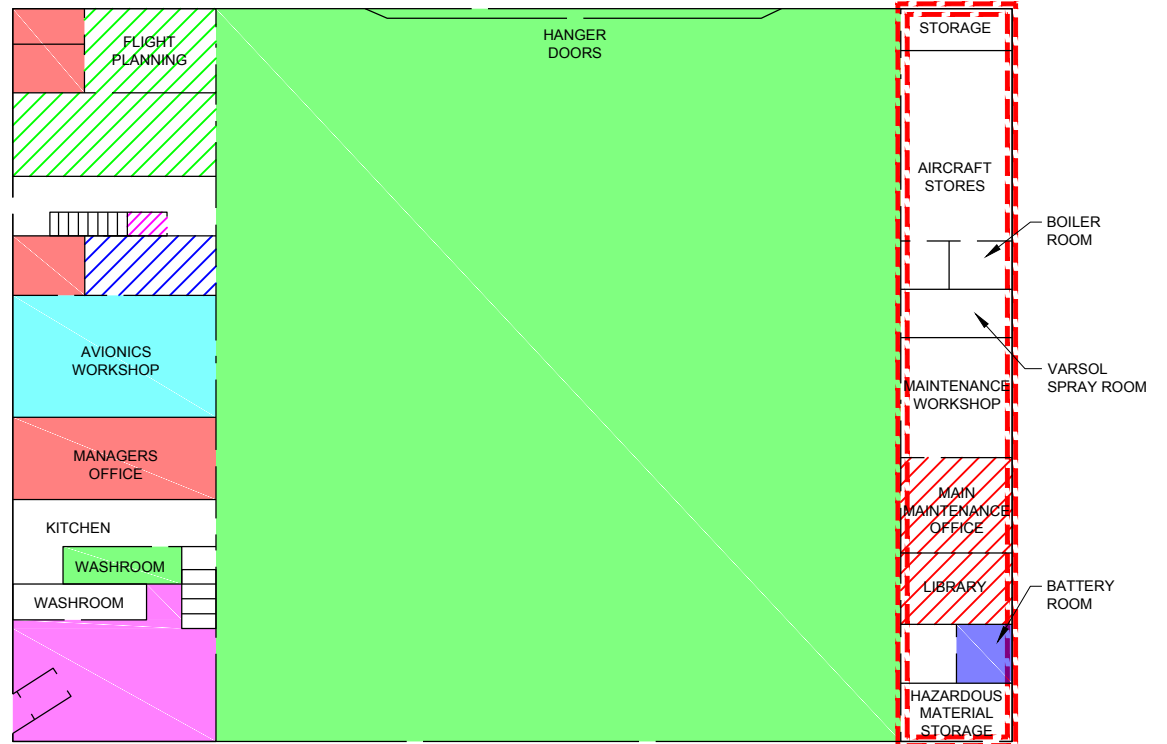




LEGEND

- ASBESTOS-CONTAINING FLOOR TILE
- ASBESTOS-CONTAINING INTERIOR WINDOW CAULKING
- ASBESTOS-CONTAINING DRYWALL JOINT COMPOUND
- ASBESTOS-CONTAINING CEILING TILE
- ASBESTOS-CONTAINING CEILING TILE, DRYWALL JOINT COMPOUND AND FLOOR TILE
- ASBESTOS-CONTAINING FLOOR TILE AND CEILING TILE
- ASBESTOS-CONTAINING FLOOR TILE AND DRYWALL JOINT COMPOUND
- ASBESTOS-CONTAINING CEILING TILE AND JOINT COMPOUND
- ASBESTOS-CONTAINING FLOOR TILE AND INTERIOR WINDOW CAULKING
- ASBESTOS-CONTAINING BLOCK WALL CAVITY FILL INSULATION



NOTES

- 1) ASBESTOS-CONTAINING DRYWALL JOINT COMPOUND MAY BE LOCATED BEHIND PRE-FABRICATED DRYWALL WALLS AND WALLPAPER AS WELL AS WITHIN CONCEALED LOCATIONS (CRAWLSPACES, WALL CAVITIES, MECHANICAL SHAFTS, ETC.).
- 2) BLOCK WALL WITH ASBESTOS-CONTAINING BLOCK WALL CAVITY FILL INSULATION MAY BE LOCATED BEHIND DRYWALL WALLS AS WELL AS WITHIN CONCEALED LOCATIONS (CRAWLSPACES, WALL CAVITIES, MECHANICAL SHAFTS, ETC.).

PROJECT PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
HAZARDOUS BUILDING MATERIALS ASSESSMENT
TRANSPORT CANADA AIRCRAFT SERVICES HANGER, BUILDING 5






TITLE
ASBESTOS-CONTAINING BUILDING MATERIALS - FIRST FLOOR

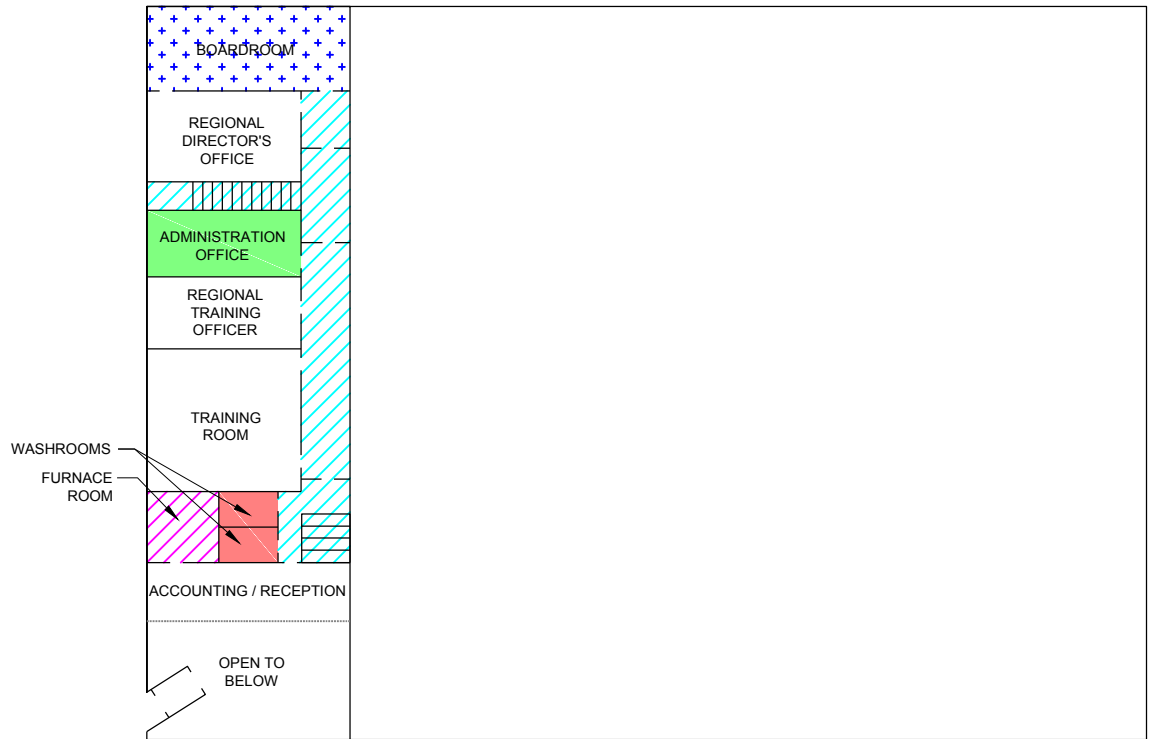
	PROJECT No.	13.1375.0286.1000	FILE No.	13137502861000A001	
	DESIGN	KH	2013-11-12	SCALE	NTS
	CADD	SLC	2013-11-14		
	CHECK	KH	2014-03-25		
	REVIEW	DD	2014-03-25		

FIGURE: 1




LEGEND

-  ASBESTOS-CONTAINING DRYWALL JOINT COMPOUND
-  ASBESTOS-CONTAINING CEILING TILE
-  ASBESTOS-CONTAINING CEILING TILE, DRYWALL JOINT COMPOUND AND INTERIOR WINDOW CAULKING
-  ASBESTOS-CONTAINING SINK UNDERCOAT
-  ASBESTOS-CONTAINING FLOOR TILE AND DRYWALL JOINT COMPOUND

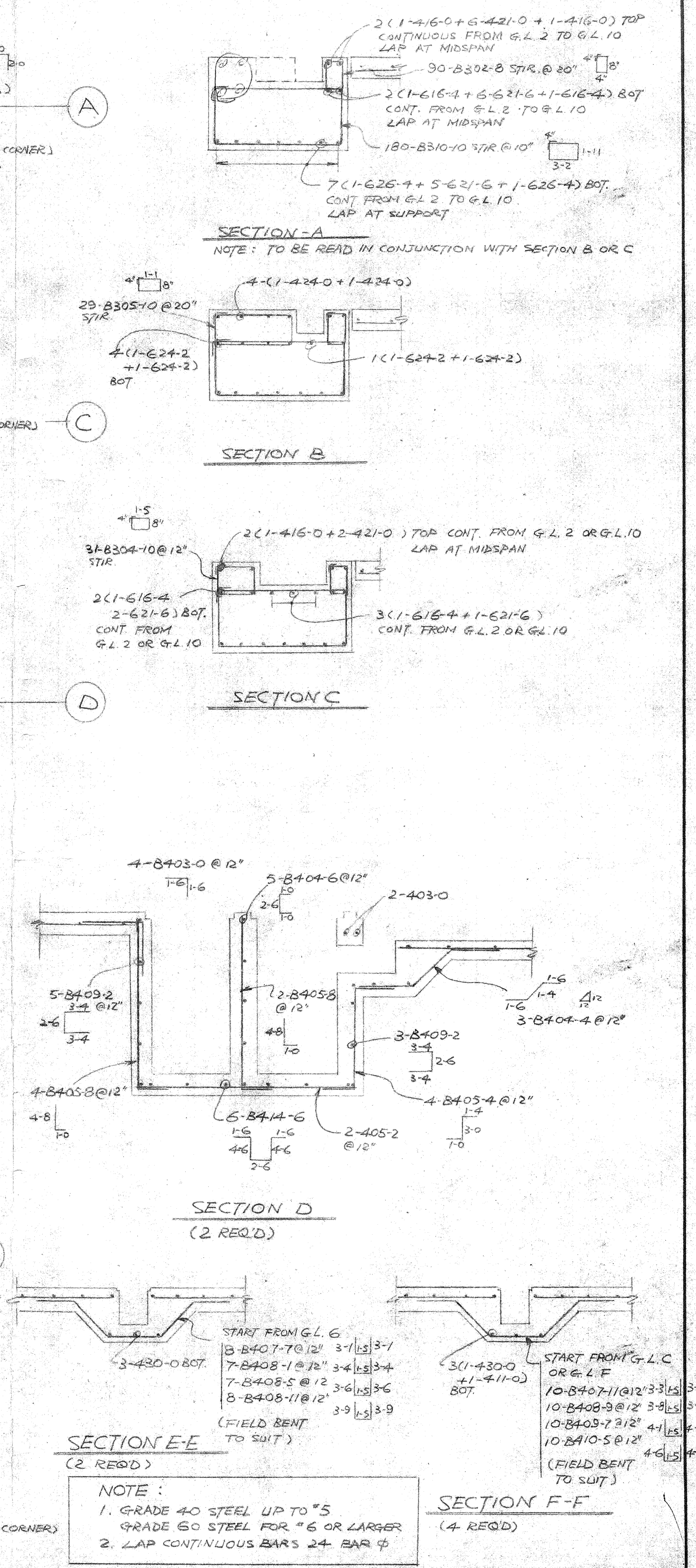
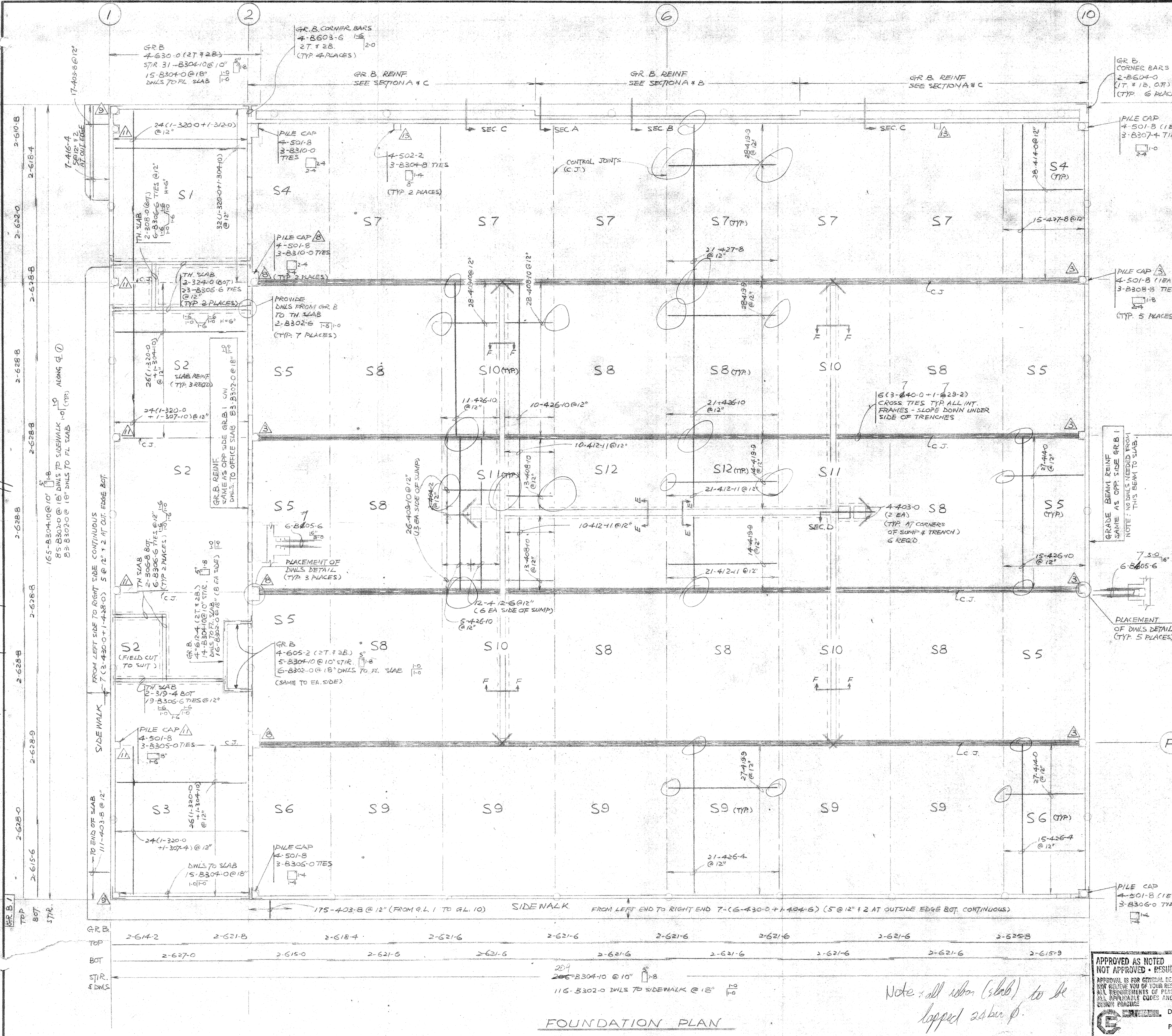


NOTES

- 1) ASBESTOS-CONTAINING DRYWALL JOINT COMPOUND MAY BE LOCATED BEHIND PRE-FABRICATED DRYWALL WALLS AND WALLPAPER AS WELL AS WITHIN CONCEALED LOCATIONS (CRAWLSPACES, WALL CAVITIES, MECHANICAL SHAFTS, ETC.).
- 2) BLOCK WALL WITH ASBESTOS-CONTAINING BLOCK WALL CAVITY FILL INSULATION MAY BE LOCATED BEHIND DRYWALL WALLS AS WELL AS WITHIN CONCEALED LOCATIONS (CRAWLSPACES, WALL CAVITIES, MECHANICAL SHAFTS, ETC.).

PROJECT	PUBLIC WORKS AND GOVERNMENT SERVICES CANADA HAZARDOUS BUILDING MATERIALS ASSESSMENT TRANSPORT CANADA AIRCRAFT SERVICES HANGER, BUILDING 5				
TITLE	ASBESTOS-CONTAINING BUILDING MATERIALS - SECOND FLOOR				
	PROJECT No.	13.1375.0286.1000	FILE No.	13137502861000A002	
	DESIGN	KH	2013-11-12	SCALE	NTS
	CADD	SLC	2013-11-14		
	CHECK	KH	2014-03-25		
	REVIEW	DD	2014-03-25		
FIGURE: 2					

Don't slice top steel over supports



REVISIONS		CAMWIL CONST.	
NO.	BY DATE	DESCRIPTION	

G.C. PROPERTIES LTD. AIRCRAFT HANGAR	
FOUNDATION REINF.	
RHODES-VAUGHAN & CO. LTD.	
WANCOUVER	CALGARY
EDMONTON	SASKATOON
DATE	SCALE
MAY 1, 1978	LH
DRAWN	CKD.
DWG. No.	
78-40	

APPROVED AS NOTED
NOT APPROVED - RESUBMIT
APPROVAL IS FOR GENERAL COMPLIANCE ONLY AND DOES NOT RELIEVE YOU OF YOUR RESPONSIBILITY TO MEET ALL REQUIREMENTS OF PLANS, SPECIFICATIONS, APPROPRIATE CODES AND REGULATED GOOD CONSTRUCTION PRACTICES.

Note: all rebar (slab) to be lapped as per p.

FOUNDATION PLAN



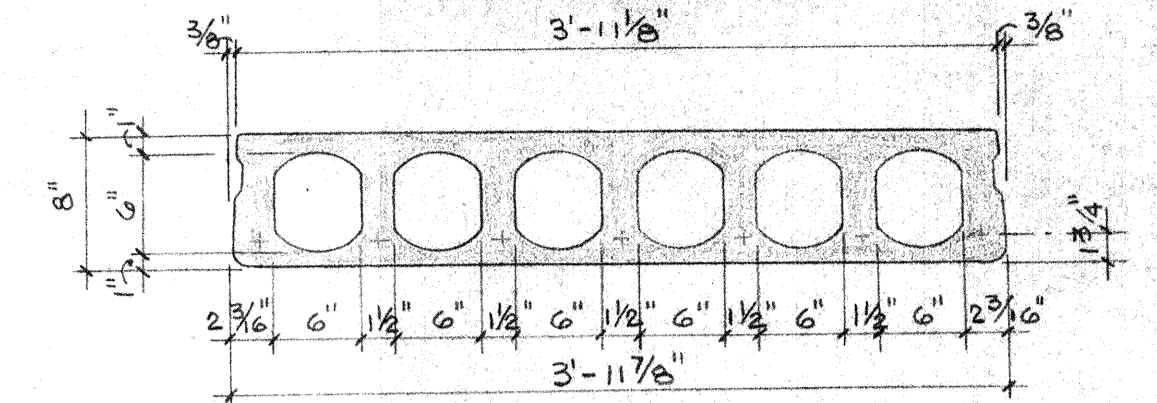
A55-1
 #4 BARS x 2'-0" LG @ EA.
 SLAB JOINT, SUPPLIED, BENT
 & GROUTED INTO JT. BY
 SUPERCRETE, SET BY OTHERS

EL. TOP OF SLAB 111'-4" (TYP.)

A55-2

BREAK OPEN SLAB, GROUT AFTER
 PLACING #4 TIE 1'-0" x 1'-0" FOR 8'-0" O.C.
 BY SUPERCRETE.
 LINTEL POUR BY OTHERS SHOULD BE DONE
 AFTER TIES IN PLACE.

DESIGN INFORMATION



8" HOLLOW-CORE

$A_c = 193 \text{ in.}^2$
 $I_c = 1600 \text{ in.}^4$
 $Y_c = 4.0 \text{ in.}$
 $S_b = 400 \text{ in.}^3$
 $S_t = 400 \text{ in.}^3$

CONCRETE

	SEMI LT. WT.	STD. WT.
RELEASE STRENGTH	4500 p.s.i.	4500 p.s.i.
CONC. STRENGTH	5000 p.s.i.	6000 p.s.i.

LOADING

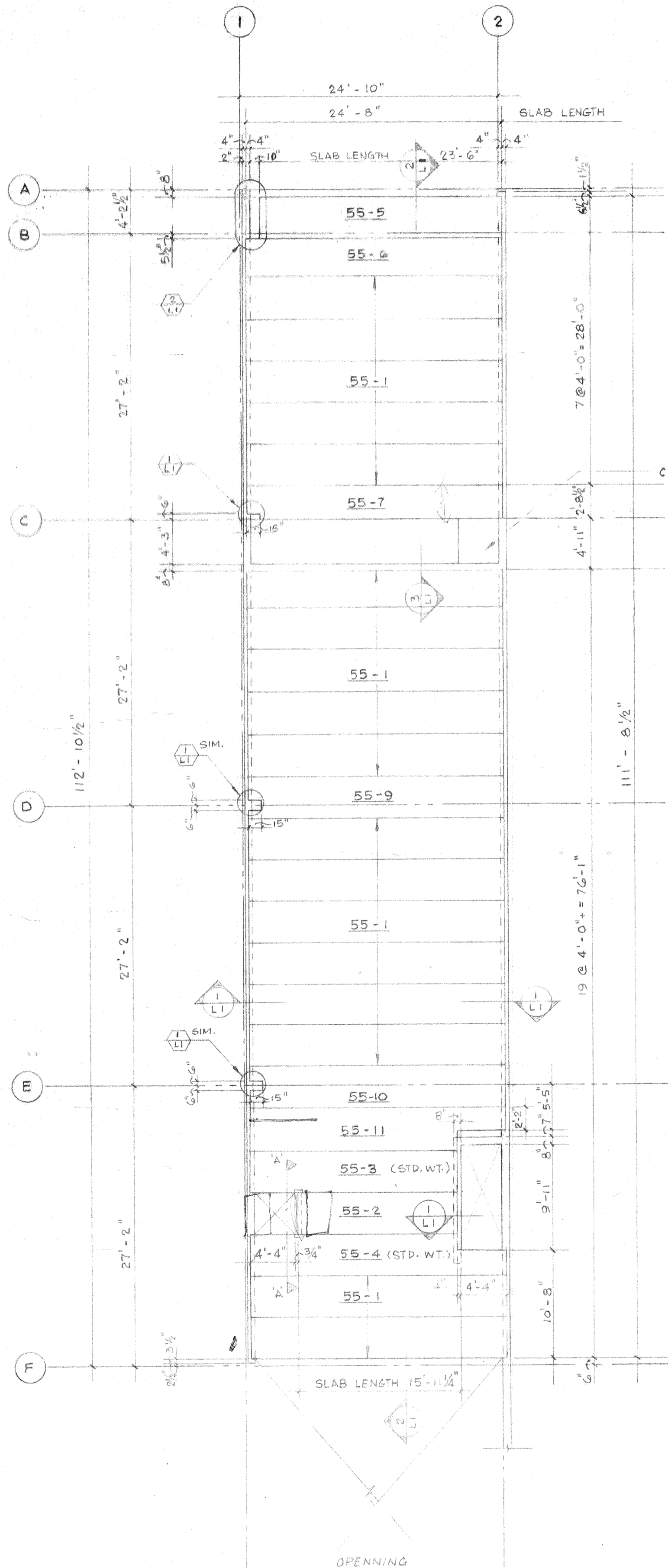
TOTAL SUPERIMPOSED LOAD = 80 psf

STRAND (TYP.)

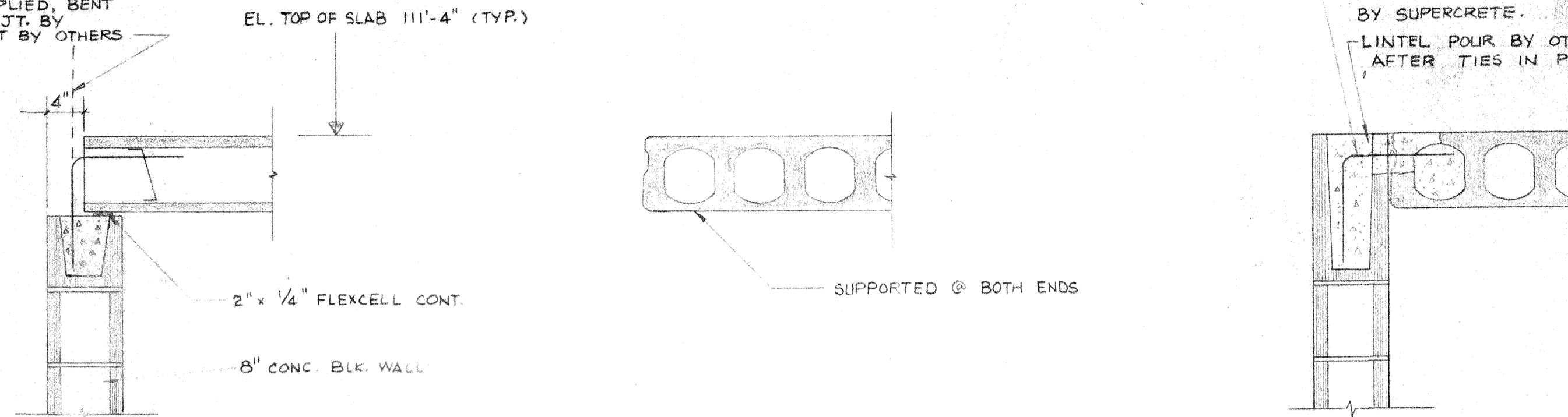
3 - $1/2$ " ϕ (270 K.S.I.) STRAND ----- $P_i = 28.9K$

& 2 - $1/4$ " ϕ (270 K.S.I.) STRAND ----- $P_i = 21.7K$

MK 55-3 & 55-4
 2 EXTRA $3/8$ " ϕ (270 K.S.I.) STRAND ----- $P_i = 16.1K$



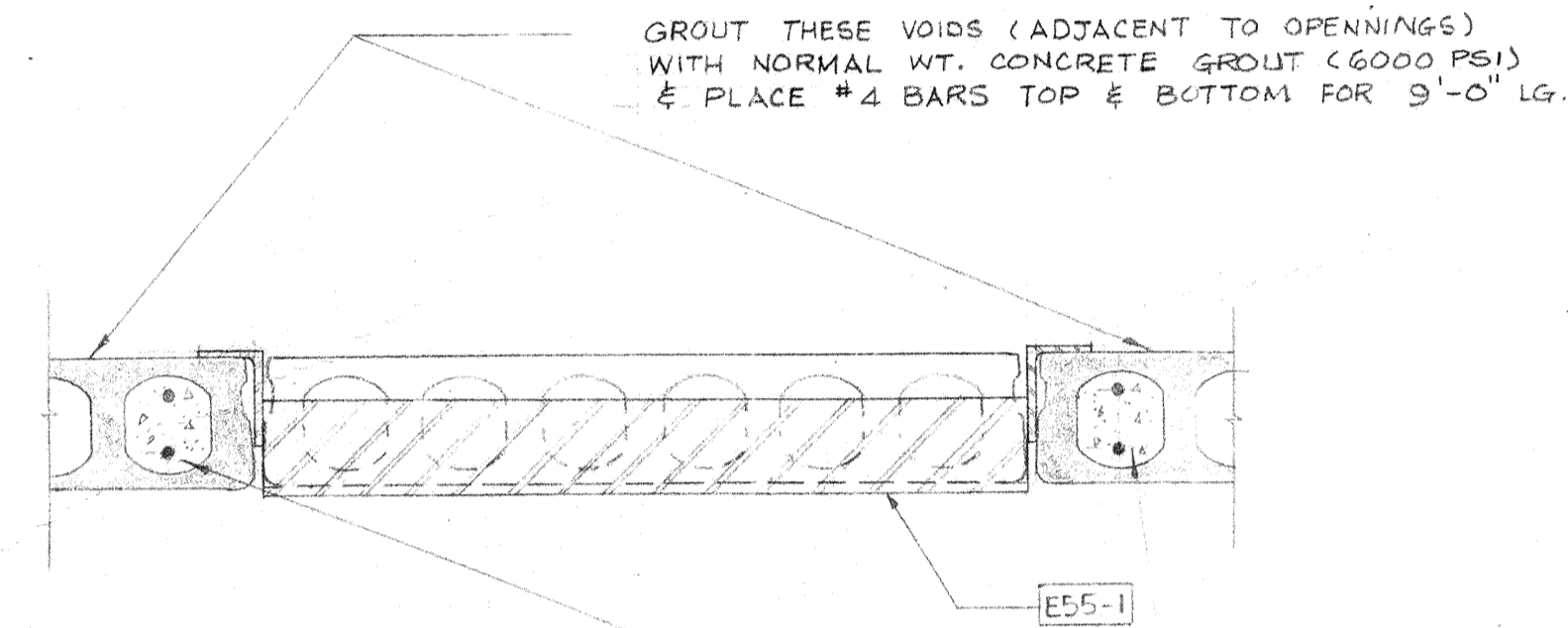
8" HOLLOW-CORE LAYOUT



SECTION 1-1

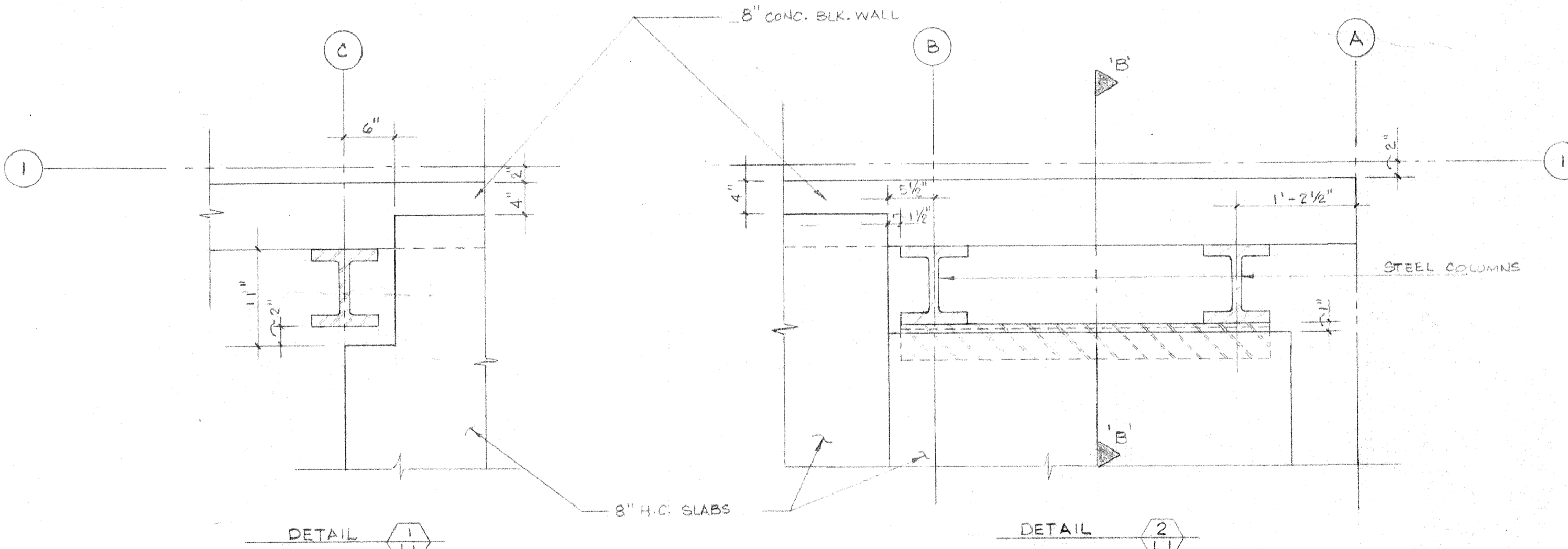
SECTION 2-1

SECTION 3-1



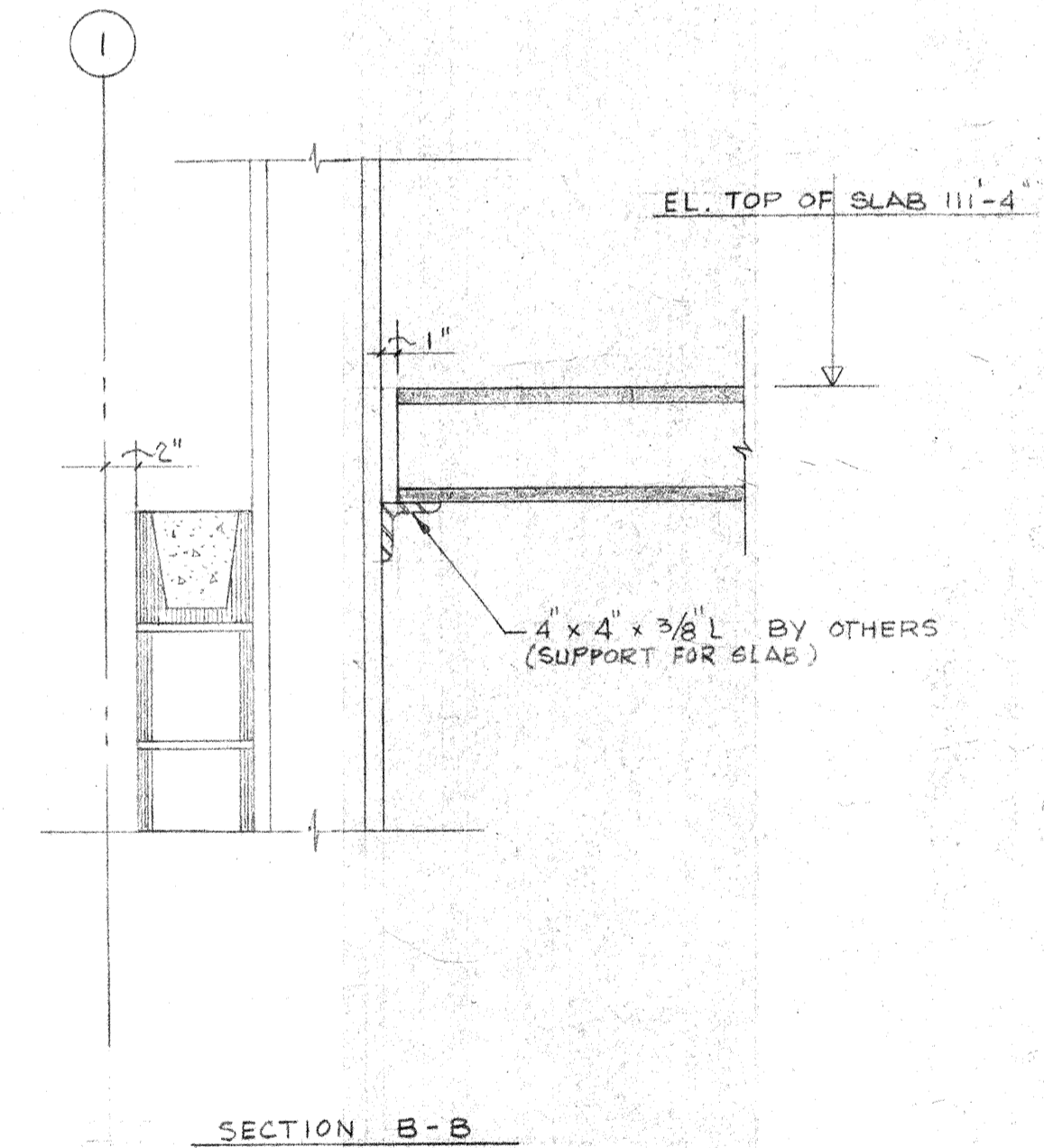
SECTION A-A

H.C. SLABS MADE OF STD. WT. CONCRETE & 2 EXTRA STRANDS ($3/8$ " ϕ) TO BE PLACED IN EXTERIOR RIBS.




DETAIL 1-1

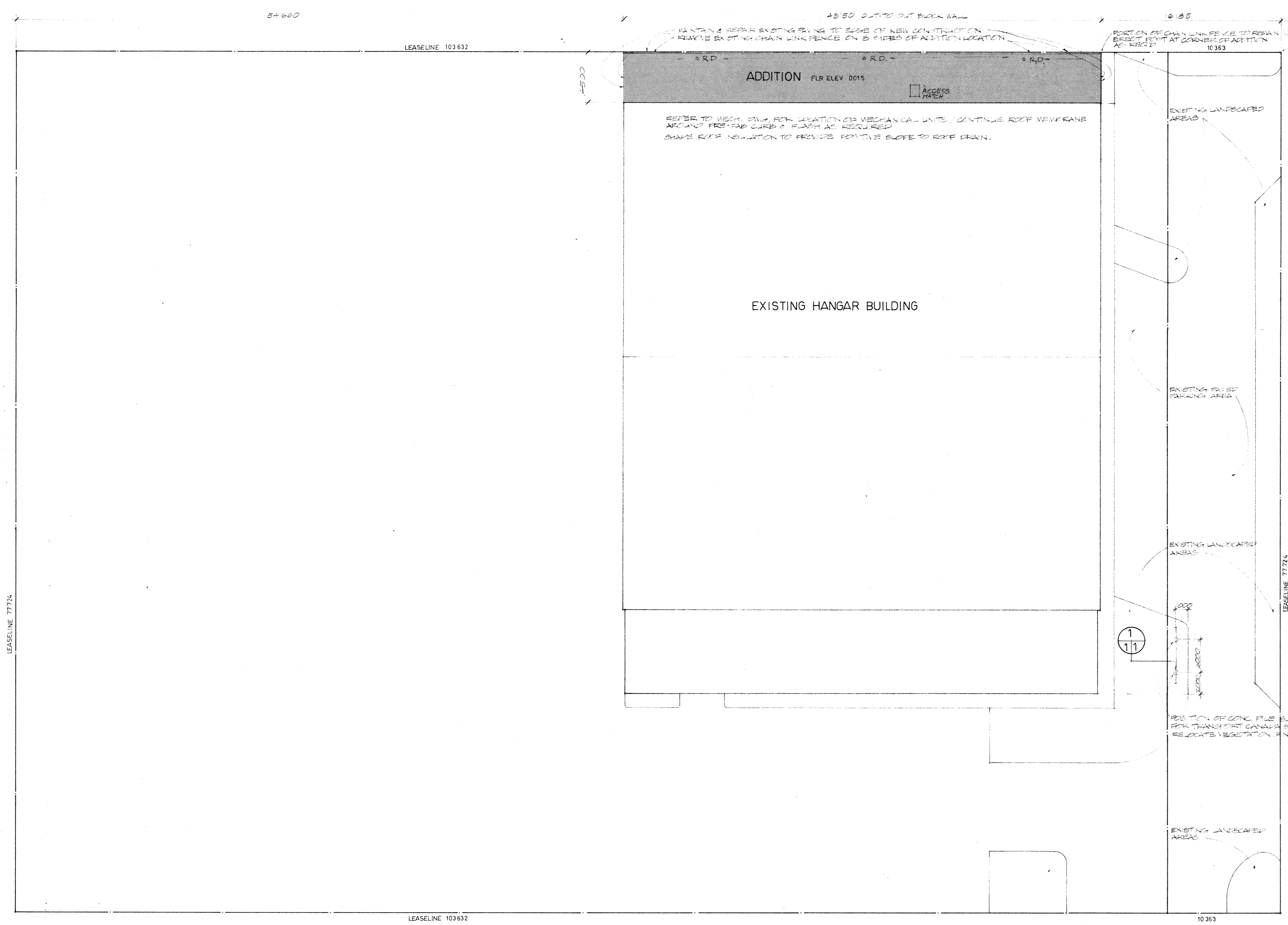
DETAIL 2-1



SECTION B-B

SUPERCRETE (ALBERTA) LTD.
ISSUED FOR APPROVAL
 DATE MAY 12 1978

DATE	NO.	REVISION	BY	CHKD.
JOB: INDUSTRIAL AIRCRAFT HANGER				
TITLE: 8" H.C. SLAB LAYOUT, SECTIONS, DESIGN & DETAILS				
 SUPERCRETE (ALBERTA) LTD. <small>4425-92 AVENUE, EDMONTON, ALBERTA. TEL. 465-5367</small>				
SCALE	DATE MAY 9/78	W.O. 1355		
BY K.T.	CHKD.	APP'D.	DRWG. 1355-L1	

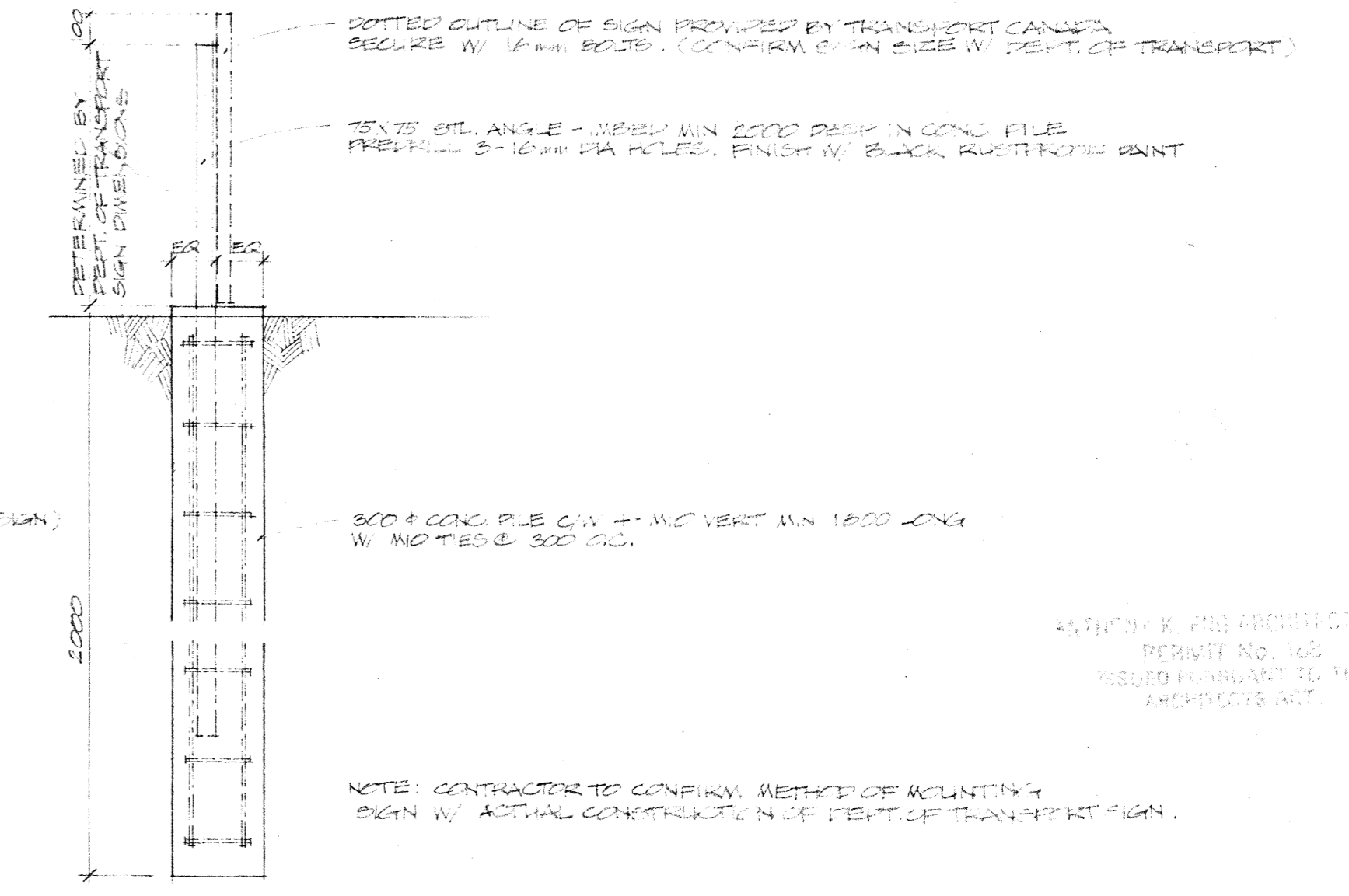


INDEX TO DRAWINGS

- A1 SITE PLAN INDEX
- A2 FLOOR PLAN SCHEDULES
- A3 ELEVATIONS
- A4 BUILDING SECTIONS
- A5 WALL SECTIONS
- S1 STRUCTURAL FRAMING
- S2 STRUCTURAL DETAILS
- M1 MECHANICAL
- M2 MECHANICAL
- E1 ELECTRICAL
- E2 ELECTRICAL

NOTES

1. CONTRACTOR TO PROVIDE TEMPORARY ENCLOSURE AROUND CONSTRUCTION SITE TO DEPT. OF TRANSPORT INSTRUCTIONS.
2. THESE DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR TO VERIFY ALL EXISTING SITE CONDITIONS AGAINST DRAWINGS & PROCEED WITH CONSTRUCTION. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ARCHITECT IMMEDIATELY.
3. ALL FLASHING TO BE PAINTED TO MATCH EXTERIOR FINISH.
4. RELOCATE ALL EXISTING SERVICE LINES AS REQUIRED WHERE NEW SETBACK IS INDICATED.
5. CONDUCT SITE VISIT TO FAMILIARIZE AND INSPECT SITE DURING BIDDING & BIDDING PERIOD.
6. CONTRACTOR TO ENSURE ADDITION TO BE WITHIN PROPERTY LINE.



1 SIGN SUPPORT
1:20

SITE PLAN 1:200

LEGAL DESCRIPTION:
 PORTIONS OF BLOCKS X&Y
 SUBDIVISION PLAN 745U
 PARTS OF LOTS 2&3
 BLOCK 8 PLAN 5518
 WESTWOOD EDMONTON

ADDITION TO HANGAR 1A

Date	Revision	By
07/12/83	DESIGNED FOR REVIEW	
08/11/83	DESIGNED FOR REVIEW	
08/11/83	DESIGNED FOR REVIEW	

Scale: _____

Site: EDMONTON, ALBERTA

Title: ADDITION TO HANGAR 1A - PHASE II
EDMONTON MUNICIPAL AIRPORT

Date: NOV. 25, 1983 Office of Regional Manager, Construction Services

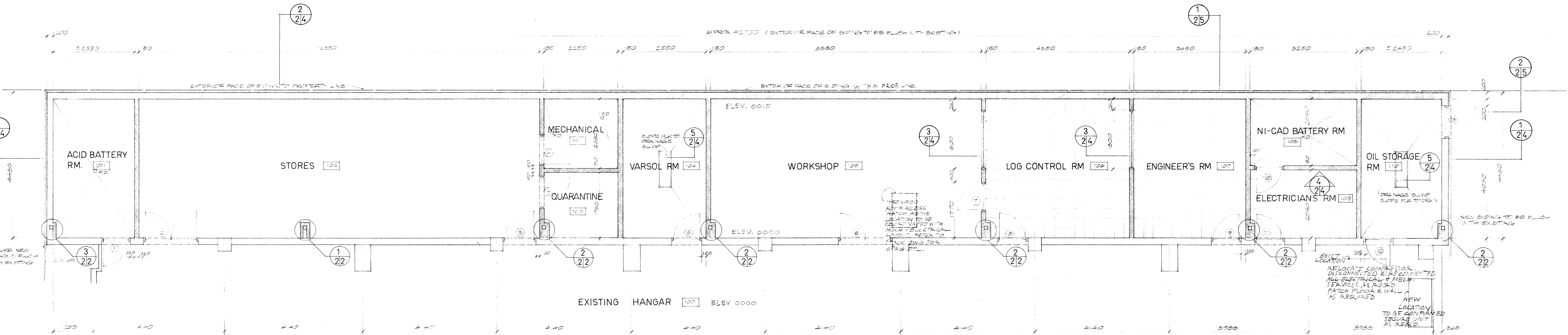
Drawn By: CY Checked By: TE Project No: ST-W110-0050 (21) Sheet: A1 of 5

W 1 1 0 W 6 2 8 A 3 0 7

ROOMS	FLOOR			WALLS												CEILING				DOOR			FRAME			WINDOW			FRAME			REMARKS							
	material	fin	col	material	fin	col	material	fin	col	material	fin	col	material	fin	col	material	fin	col	material	fin	col	material	fin	col	material	fin	col	material	fin	col	material		fin	col	material	fin	col		
101	CONCRETE/STL TROUVE SURFACE	SEE REFERENCE	SLATE BLUE/SL	100 R. BASE	CLEAN	BLK	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	STL DECK EXPOSED	PAINT	WHITE	3600	PRESSED STL	PAINT	SOLID ACCENT	PRESSED STL	PAINT	SOLID ACCENT											FOR TO HAVE ACID RESISTANT EPOXY COATING
102	CONCRETE/STL TROUVE SURFACE		SLATE BLUE/SL	100 R. BASE	CLEAN	BLK	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	STL DECK EXPOSED	PAINT	WHITE	3600	PRESSED STL	PAINT	SOLID ACCENT	PRESSED STL	PAINT	SOLID ACCENT											
103	CONCRETE/STL TROUVE SURFACE		SLATE BLUE/SL	100 R. BASE	CLEAN	BLK	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	STL DECK EXPOSED	PAINT	WHITE	3600	PRESSED STL	PAINT	SOLID ACCENT	PRESSED STL	PAINT	SOLID ACCENT											
104	CONCRETE/STL TROUVE SURFACE		SLATE BLUE/SL	100 R. BASE	CLEAN	BLK	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	STL DECK EXPOSED	PAINT	WHITE	3600	PRESSED STL	PAINT	SOLID ACCENT	PRESSED STL	PAINT	SOLID ACCENT											
105	CONCRETE/STL TROUVE SURFACE		SLATE BLUE/SL	100 R. BASE	CLEAN	BLK	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	STL DECK EXPOSED	PAINT	WHITE	3600	PRESSED STL	PAINT	SOLID ACCENT	PRESSED STL	PAINT	SOLID ACCENT											ROOF HATCH AT CEILING STL DECK
106	BORN BOD V.A.T	CLEAN WAX	ACTIVAF	100 NUMBER BASE	CLEAN	BLK	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	600 X 1200 ACQUIS TILE	PAINT	WHITE	2745	PRESSED STL	PAINT	SOLID ACCENT	PRESSED STL	PAINT	SOLID ACCENT											V.A.T. COLOUR BY ANTIOD OR APPROVED BLDG. CLG. TUBE TO GUAR #40 U.S.A.
107	BORN BOD V.A.T	CLEAN WAX	ACTIVAF	100 NUMBER BASE	CLEAN	BLK	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	600 X 1200 ACQUIS TILE	PAINT	WHITE	2745	PRESSED STL	PAINT	SOLID ACCENT	PRESSED STL	PAINT	SOLID ACCENT											V.A.T. COLOUR BY ANTIOD OR APPROVED BLDG. CLG. TUBE TO GUAR #40 U.S.A.
108	CONCRETE/STL TROUVE SURFACE		SLATE BLUE/SL	100 R. BASE	CLEAN	BLK	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	STL DECK EXPOSED	PAINT	WHITE	3600	PRESSED STL	PAINT	SOLID ACCENT	PRESSED STL	PAINT	SOLID ACCENT											
109	BORN BOD V.A.T	CLEAN WAX	ACTIVAF	100 NUMBER BASE	CLEAN	BLK	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	600 X 1200 ACQUIS TILE	PAINT	WHITE	2745	PRESSED STL	PAINT	SOLID ACCENT	PRESSED STL	PAINT	SOLID ACCENT											V.A.T. COLOUR BY ANTIOD OR APPROVED BLDG. CLG. TUBE TO GUAR #40 U.S.A.
110	CONCRETE/STL TROUVE SURFACE		SLATE BLUE/SL	100 R. BASE	CLEAN	BLK	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	STL DECK EXPOSED	PAINT	WHITE	3600	PRESSED STL	PAINT	SOLID ACCENT	PRESSED STL	PAINT	SOLID ACCENT											
111	CONCRETE/STL TROUVE SURFACE		SLATE BLUE/SL	100 R. BASE	CLEAN	BLK	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	CONC. BLOCK	PAINT	WHITE	STL DECK EXPOSED	PAINT	WHITE	3600	PRESSED STL	PAINT	SOLID ACCENT	PRESSED STL	PAINT	SOLID ACCENT											

FINISH SCHEDULE

NOTES: 1. WHERE SURFACE OF CEILING HUNG LIGHT FIXTURES TO BE 2750.
 2. PAINT ALL EXPOSED STEEL STRUCTURE



FLOOR PLAN 1:50

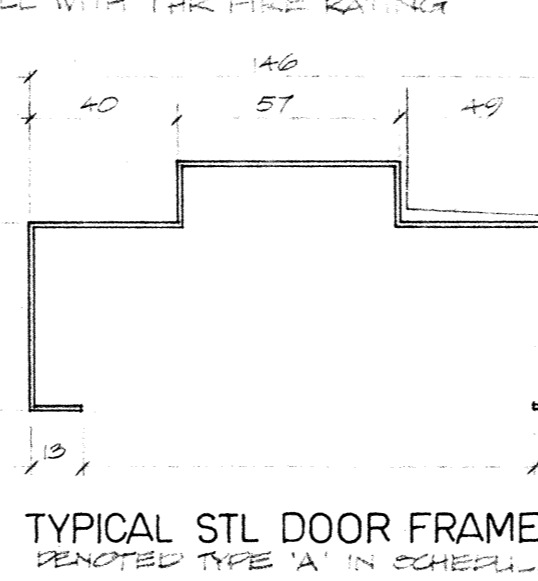
NOTES: 1. OPEN UP RETAIL STORE IN EXISTING CONC. BLOCK WALL TO BE 6'0" WIDE SMOOTH INTERIORS AS SHOWN FOR PAINTING. EXPOSED SURFACES TO BE PAINTED WHITE.
 2. STAIR TO BE RELOCATED FROM SOUTH WALL OF ADDITION AS REQUIRED. EXISTING CONC. BLOCK WALL TO BE PATCHED FREE OF HOLES & UNEVENNESS. WALL ALL WORKER TO SMOOTH TO RECEIVE PAINT.
 3. WAREHOUSE OPENING FROM RETAIL THROUGH EXISTING CONC. BLOCK WALL TO BE PATCHED WITH 1/2" FROM EDGE OF PLASTER BLOCKS EXCEPT OVER TO BE FRAMED AS SHOWN ON STRUCTURAL DRAWINGS.

Legend: EXISTING CONC. BLOCK, NEW 20" CONC. BLOCK, NEW 8" CONC. BLOCK, EXISTING WALL WITH 1/2" FIRE RATING

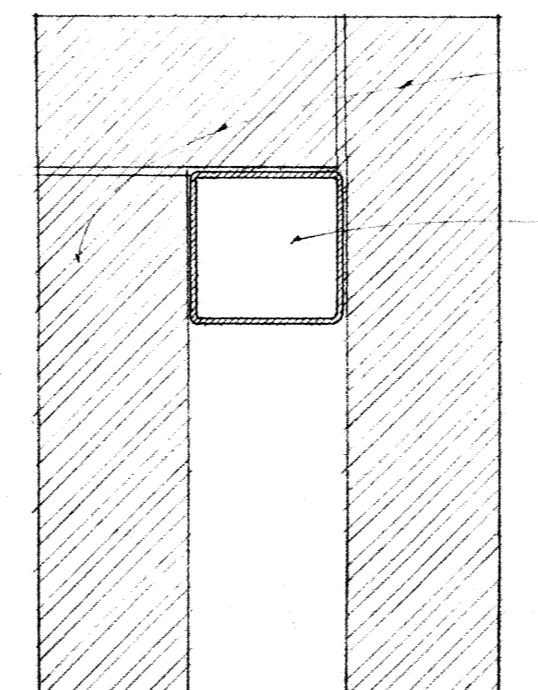
NUMBER	DOORS			TYPE	FRAMES							HARDWARE							SPECIAL	REMARKS																		
	from	to	hand		wood	pressed steel	paint	stain	wood	A	B	C	D	paint	stain	butt	closer	lockset			latchset	floor stop	threshold	weatherstrip	sweeps	sillers	flushbolt	thumbturn										
1	EXIST HANGAR	ADD BATTERY	LHR	3'0" X 2'30" X 45	A																																	
2	EXIST HANGAR	STORES	RLH	3'0" X 2'30" X 45	A																																	
3	EXIST HANGAR	STORES	RLH	3'0" X 2'30" X 45	A																																	
4	EXIST HANGAR	QUARANTINE	RLH	3'0" X 2'30" X 45	A																																	
5	EXIST HANGAR	VAR SOL	RLH	3'0" X 2'30" X 45	A																																	
6	EXIST HANGAR	WORKSHOP	LHR	3'0" X 2'30" X 45	A																																	
7	EXIST HANGAR	WORKSHOP	LHR	3'0" X 2'30" X 45	A																																	
8	EXIST HANGAR	LOG CONTROL	LHR	3'0" X 2'30" X 45	A																																	
9	EXIST HANGAR	ENGINEER'S	RLH	3'0" X 2'30" X 45	A																																	
10	EXIST HANGAR	NI-CAD BATTERY	LHR	3'0" X 2'30" X 45	A																																	
11	EXIST HANGAR	ELECTRICIANS	LHR	3'0" X 2'30" X 45	A																																	
12	EXIST HANGAR	OIL STORAGE	LHR	3'0" X 2'30" X 45	A																																	
13	OIL STORAGE	EXTERNAL	LHR	3'0" X 2'30" X 45	A																																	
14	STORES	MECHANICAL	LHR	3'0" X 2'30" X 45	A																																	
15	EXIST LOBBY	VEHICULAR	LHR	EXISTING																																		
16	EXIST VESTIB.	EXTERNAL	LHR	EXISTING																																		

DOOR SCHEDULE

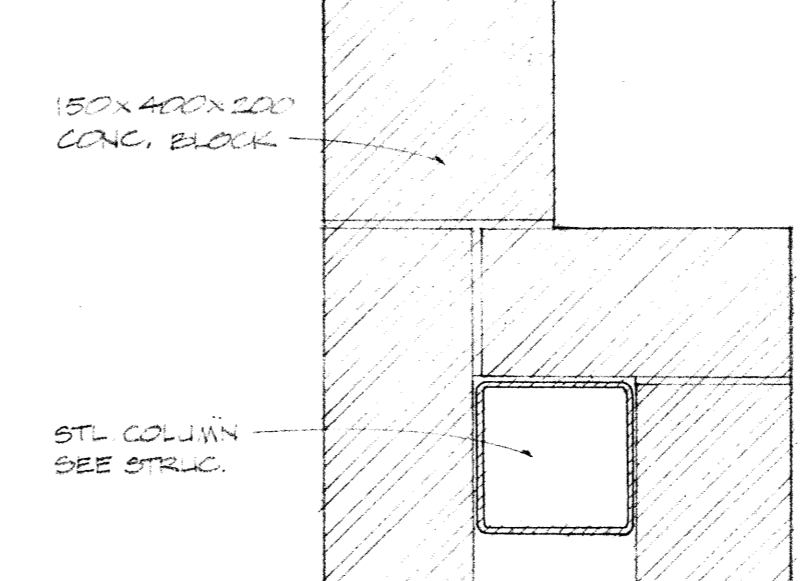
NOTE: TYPE 'A' DOORS IN SCHEDULE TO BE FLUSH DESIGN. ALL H.P. HARDWARE AND ACCESSORIES TO HAVE U.L.C. LABEL/FIRE RATING EQUIVALENT TO DOOR ON WHICH IT IS MOUNTED.



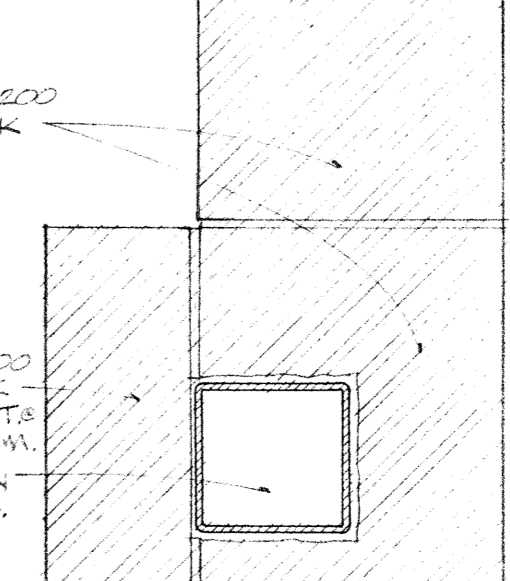
TYPICAL STL DOOR FRAME



COLUMN DETAIL

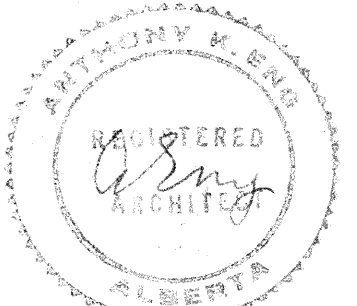


COLUMN DETAIL



COLUMN DETAIL

ANTHONY K. ENG ARCHITECT LTD
 PERMIT No. 198
 ISSUED PURSUANT TO THIS ARCHITECT'S ACT

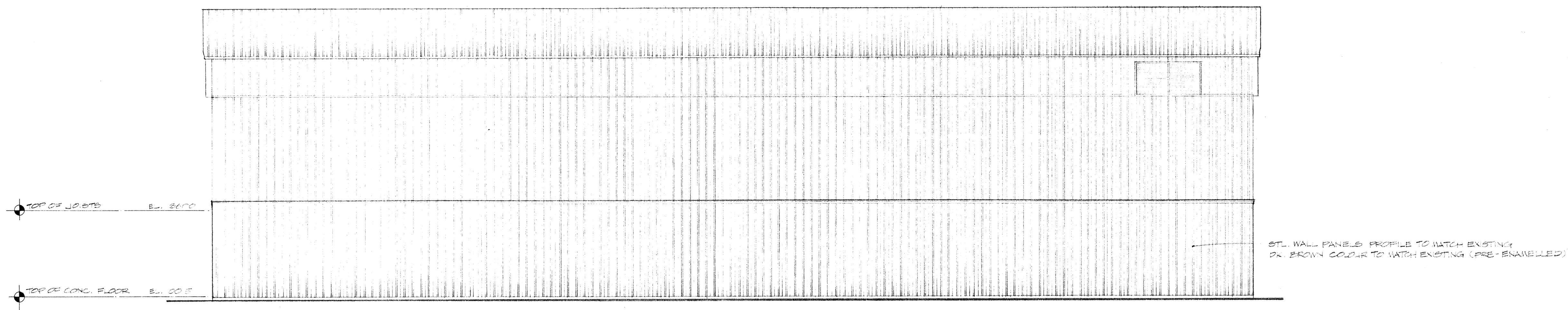


Date	Revision	By
07/12/83	ISSUED FOR PERMIT - REV. 001	
07/14/83	ISSUED FOR REV. REVIEW	
07/14/83	ADD SWEEP VARIATION FOR OIL STORAGE - REV. 110	
07/14/83	ADD MECHANICAL RM. 111	
07/14/83	ENLARGED PERM. REV. 002	

Site: EDMONTON ALBERTA
 Title: ADDITION TO HANGAR 1A - PHASE II
 EDMONTON MUNICIPAL AIRPORT

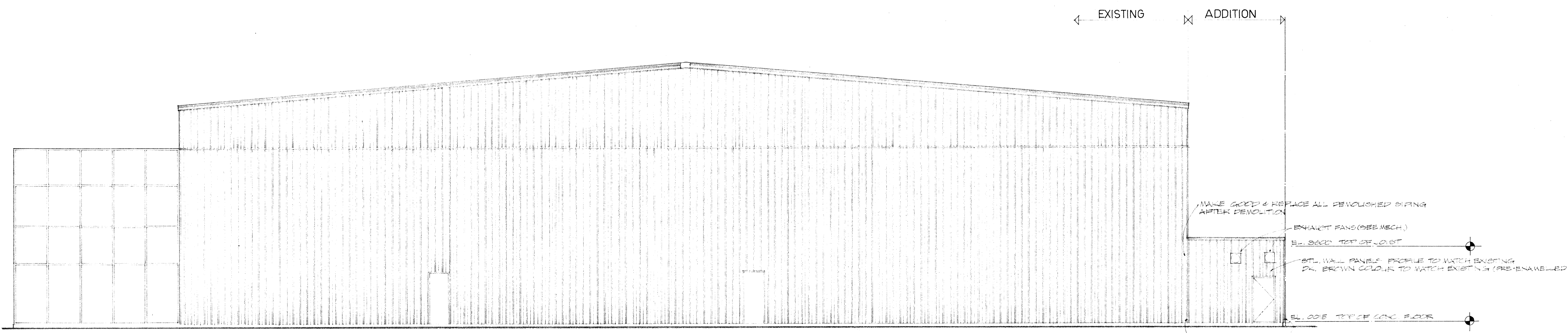
Date NOV. 25, 1983 Office of Regional Manager, Construction Services
 Drawn By CY Checked By TE Project No. 83-WI/O-0050(21) Sheet A2 of 5

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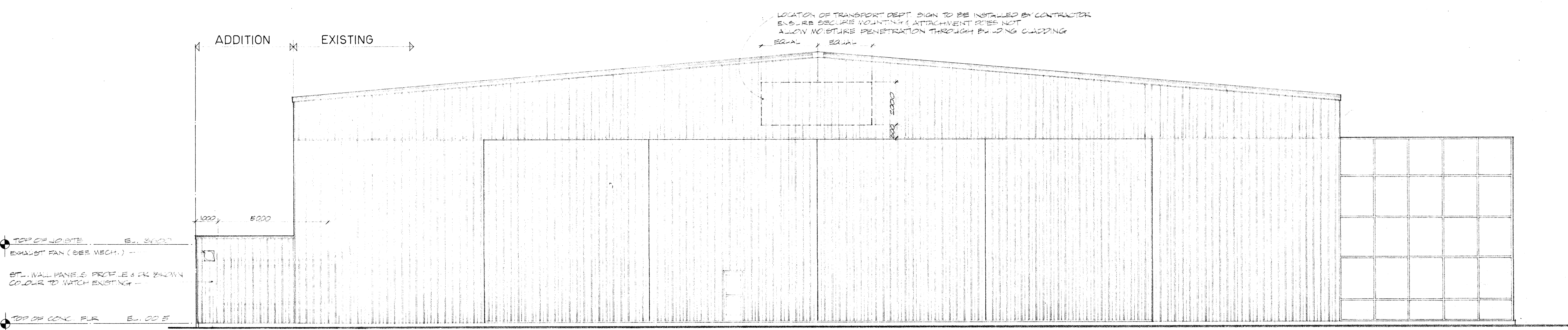


NORTH ELEVATION 1:100

NOTES:
1. PAINT ALL FINISH TO MATCH EXISTING COLOUR
2. PAINT ALL MECHANICAL EQUIPMENT, GRILLES, LABELS, VENTS, ETC.



EAST ELEVATION



WEST ELEVATION

ANTHONY J. ENGLISH TEST LTD
PEAK T.N. 100
2500 100 STREET TO THE
SOUTHWEST, CALGARY, ALBERTA



07.10.83	ISSUED FOR FINAL REVIEW	
08.11.83	ISSUED FOR 2/4 REVIEW	
08.11.83	ISSUED FOR EXTERIOR SIGN LOCATION	
08.11.83	ISSUED FOR REVIEW	
Date	Revision	By

Scale

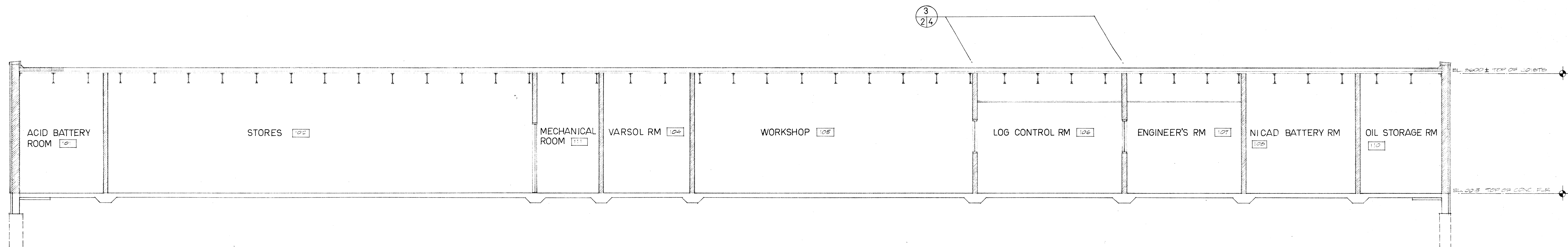
Site
EDMONTON, ALBERTA

Title
ADDITION TO HANGAR 1A PHASE II
EDMONTON MUNICIPAL AIRPORT

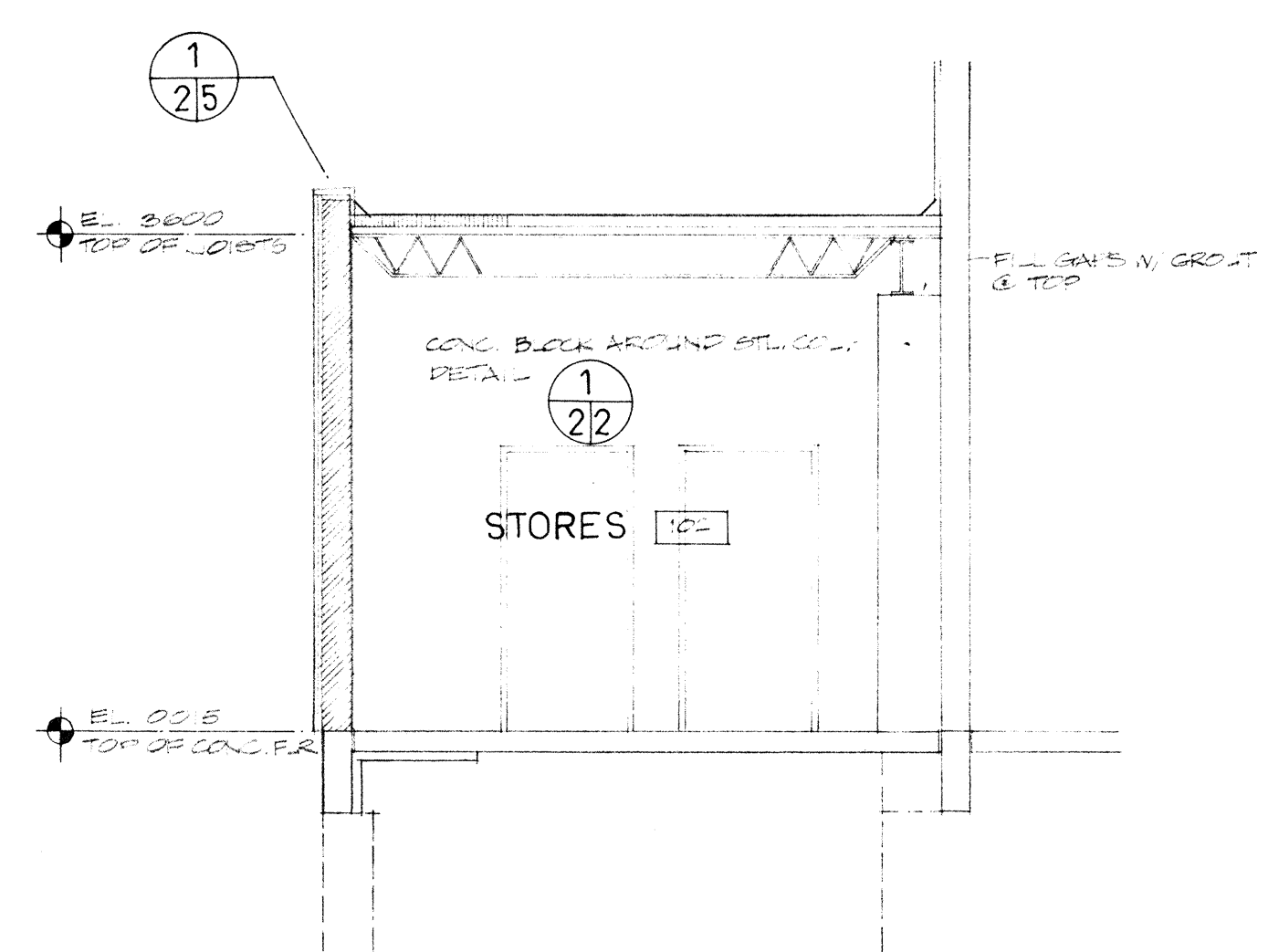
Date NOV. 25, 1983 Office of Regional Manager, Construction Services

Drawn By	Checked By	Project No.	Sheet
CY	TE	SEW110-0050(21)	A3 of 5

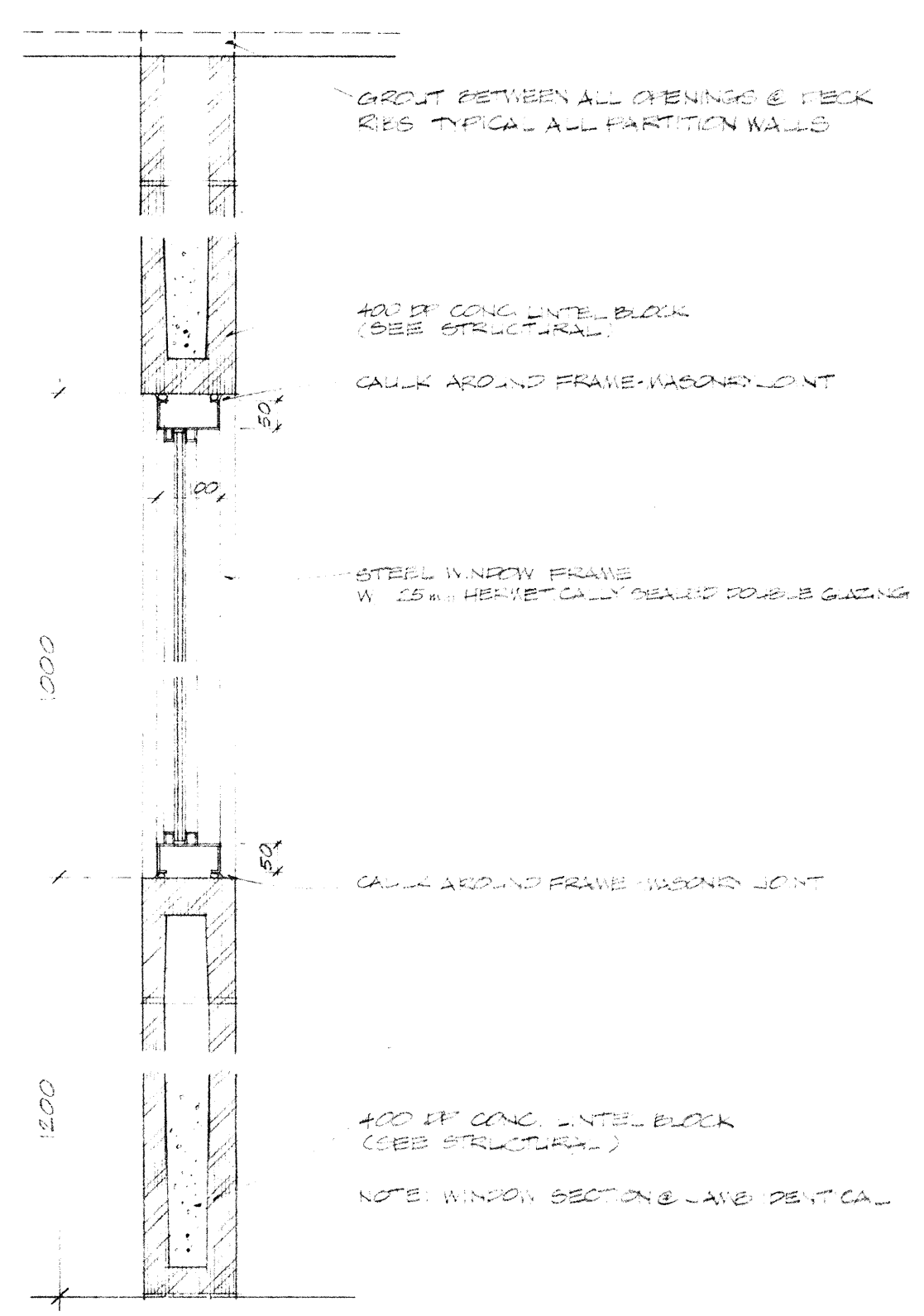
W	I	I	O	W	6	2	8	A	3	0	7
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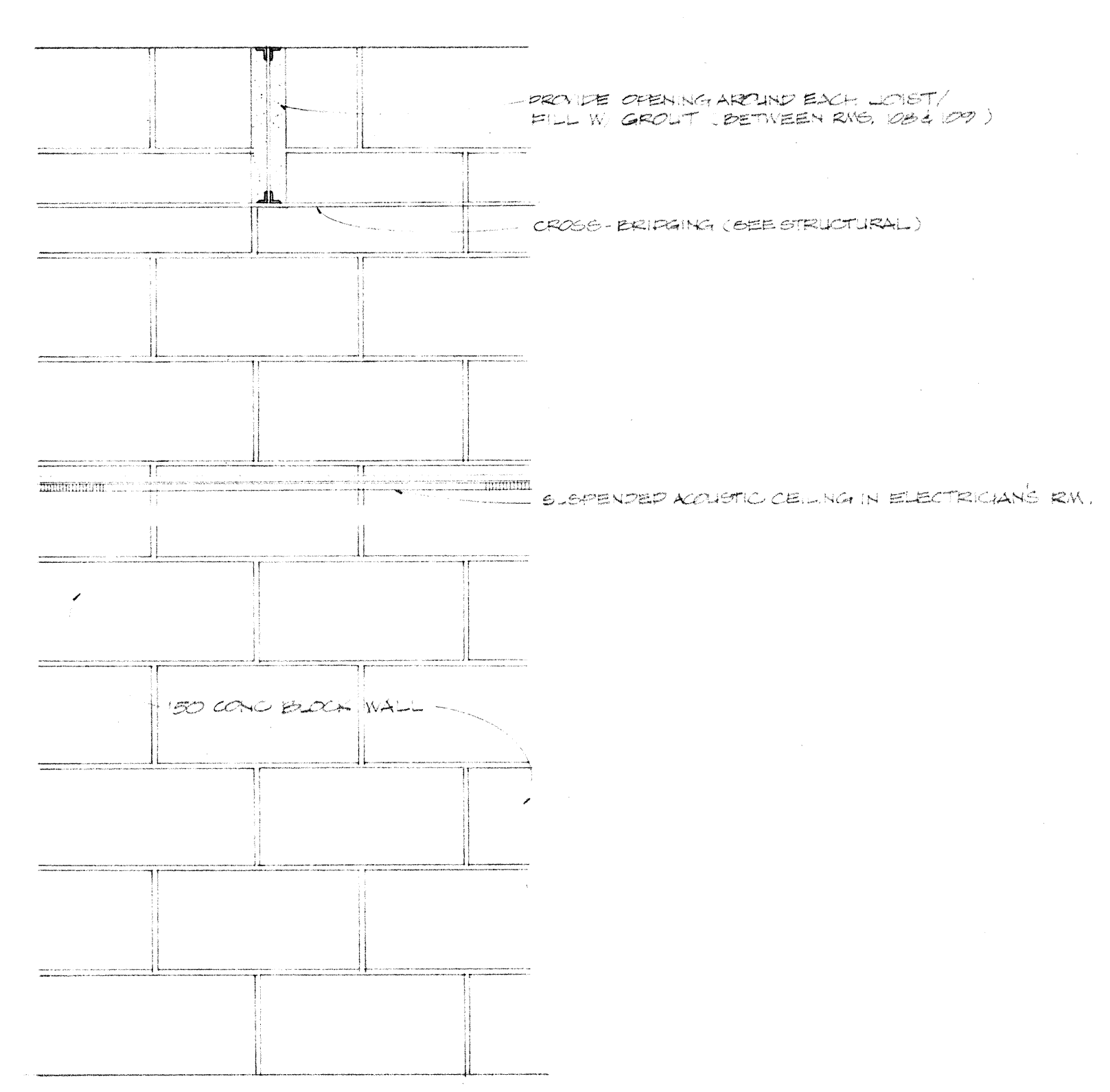
1 SECTION
24 1:50



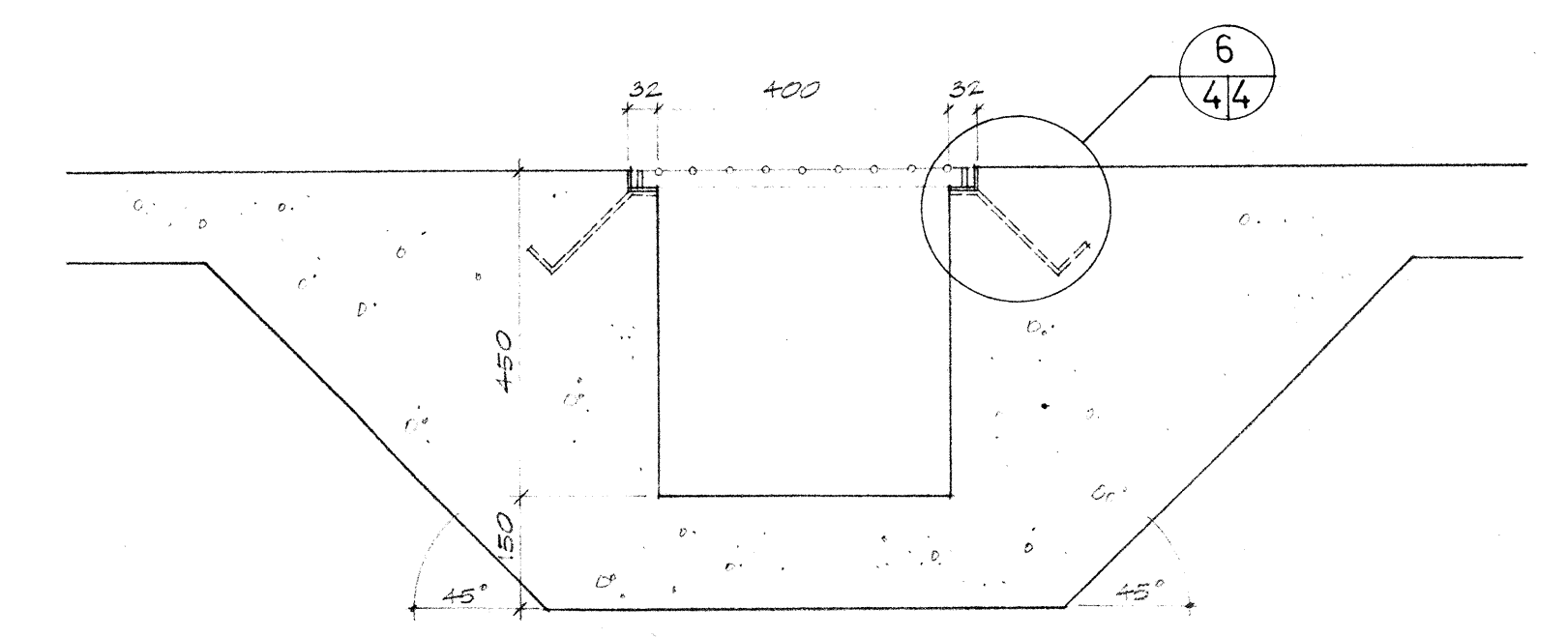
2 SECTION
24 1:50



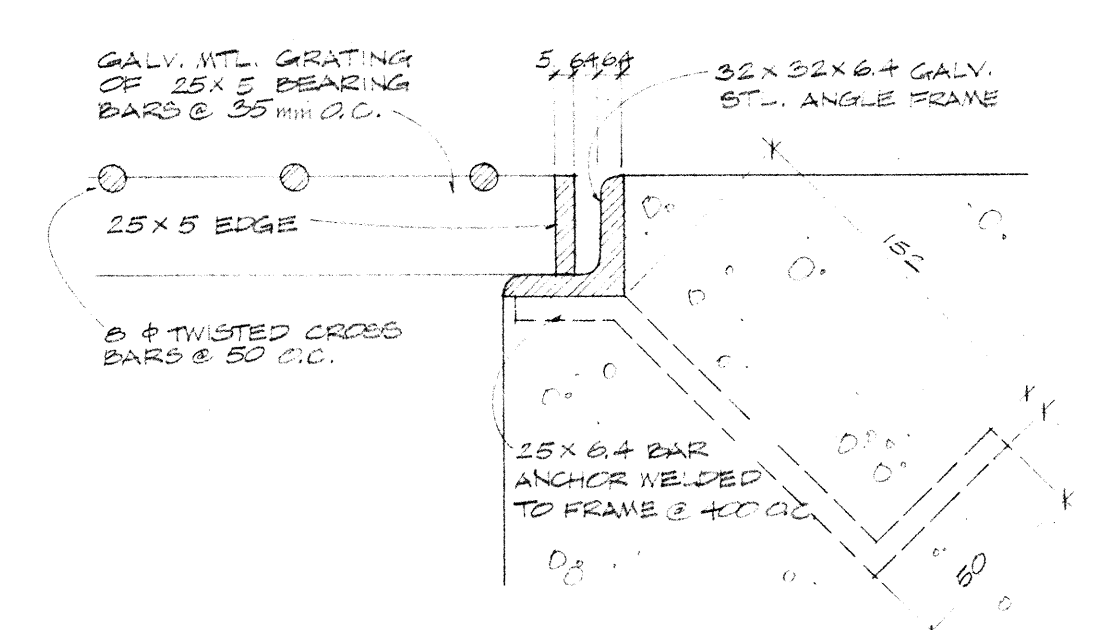
3 WALL SECTION
24 1:10



4 ELEVATION DETAIL
24 1:10



5 DRAINAGE SUMP
24 1:10



6 DETAIL
44 1:2

ANTHONY K. ENG ARCHITECT LTD.
 PERMIT NO. 188
 ISSUED IN ACCORDANCE WITH THE ARCHITECTS ACT.



07.12.85	DESIGNED FOR FINAL REVIEW	
08.11.85	DESIGNED FOR 2ND REVIEW	
08.11.85	ADD DRAINAGE SUMP DETAIL	
08.11.85	DESIGNED FOR REVIEW	
Date	Revision	By

Scale: _____

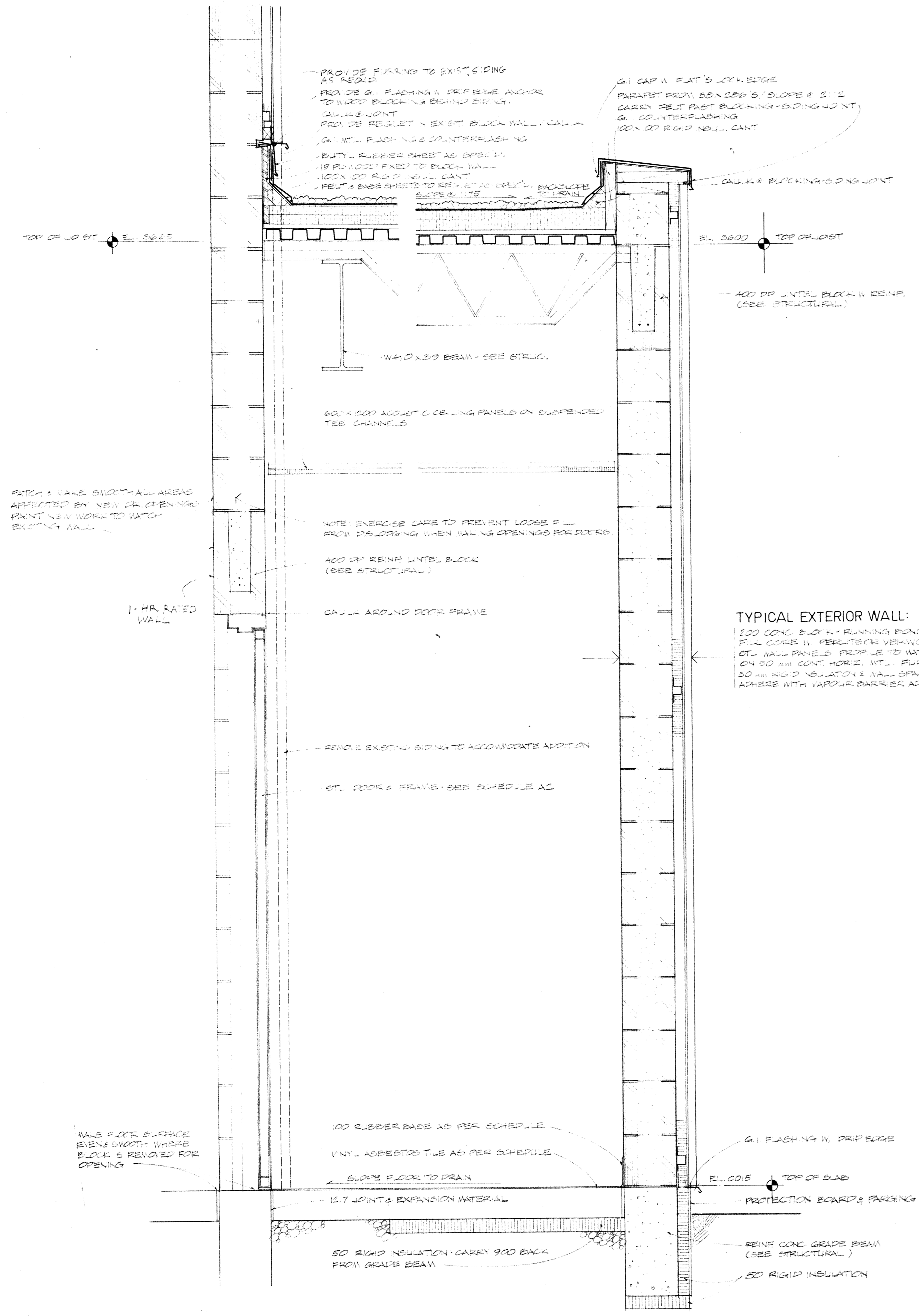
Site: EDMONTON, ALBERTA

Title: ADDITION TO HANGAR 1A - PHASE II
 EDMONTON MUNICIPAL AIRPORT

Date: NOV. 25, 1983
 Office of Regional Manager, Construction Services

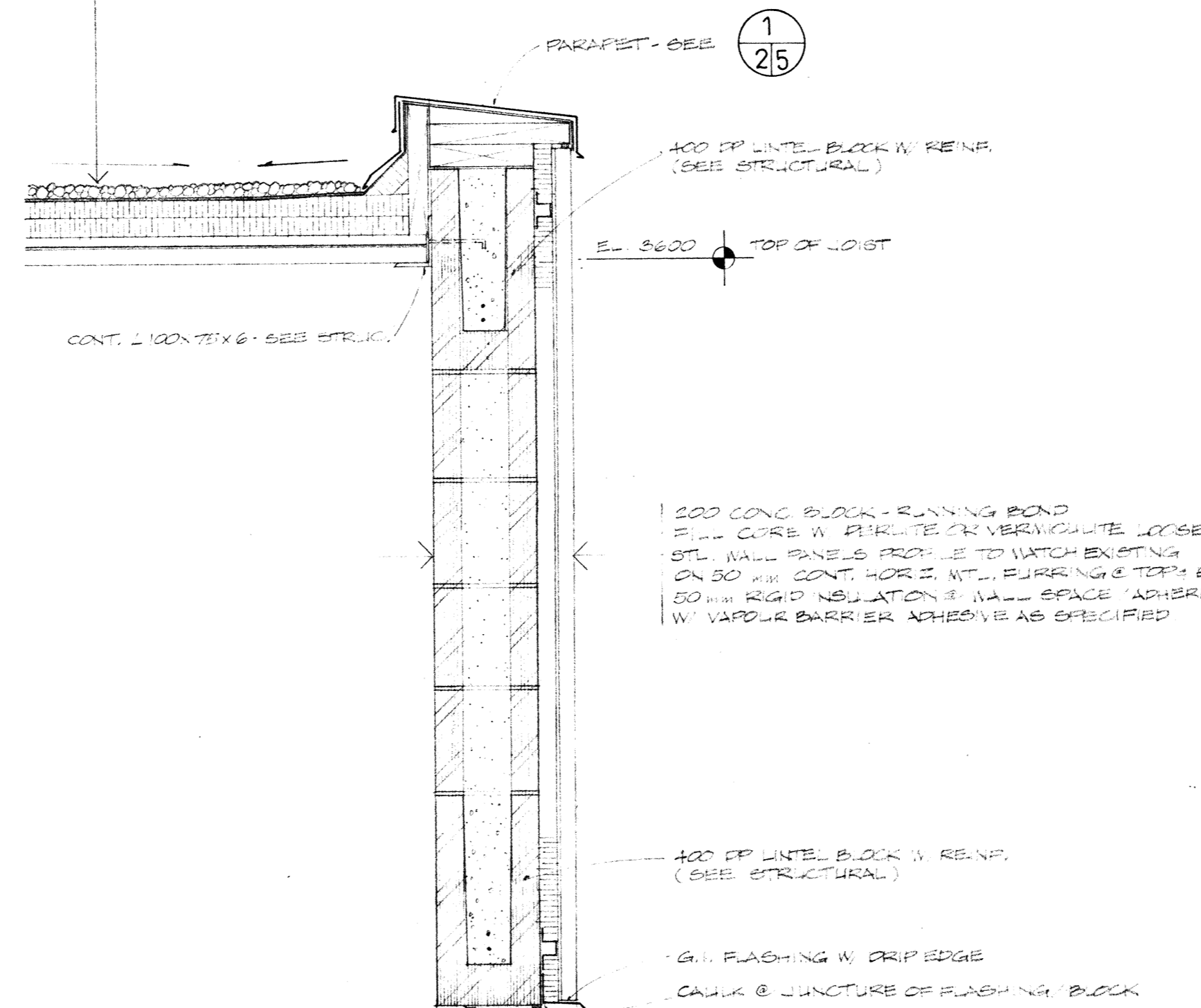
Drawn By: CY Checked By: TE Project No: ST-W110-0050(21) Sheet: A4 of 5

W I I O W 6 2 8 A 3 0 7

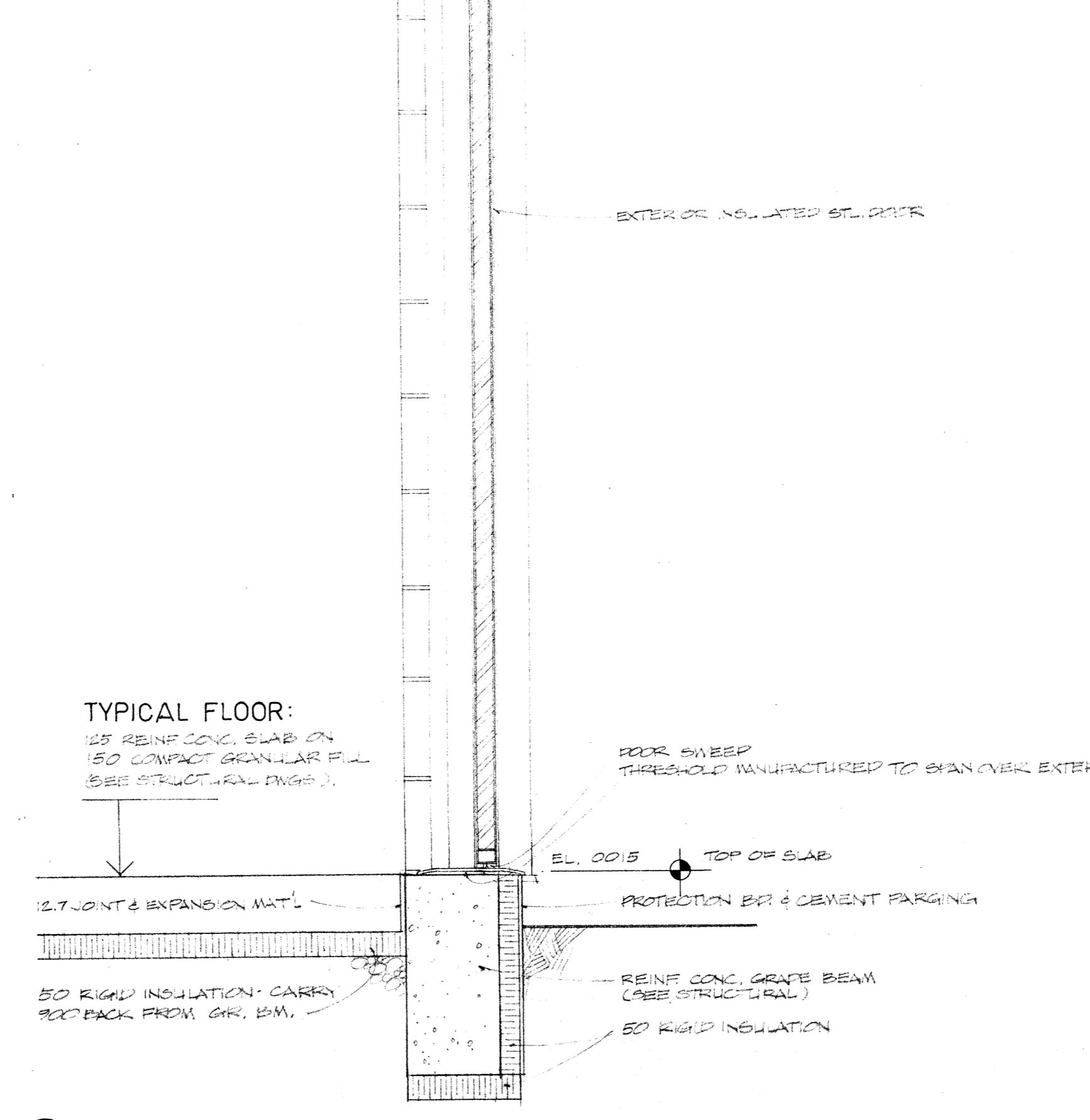


1 WALL SECTION
1:10

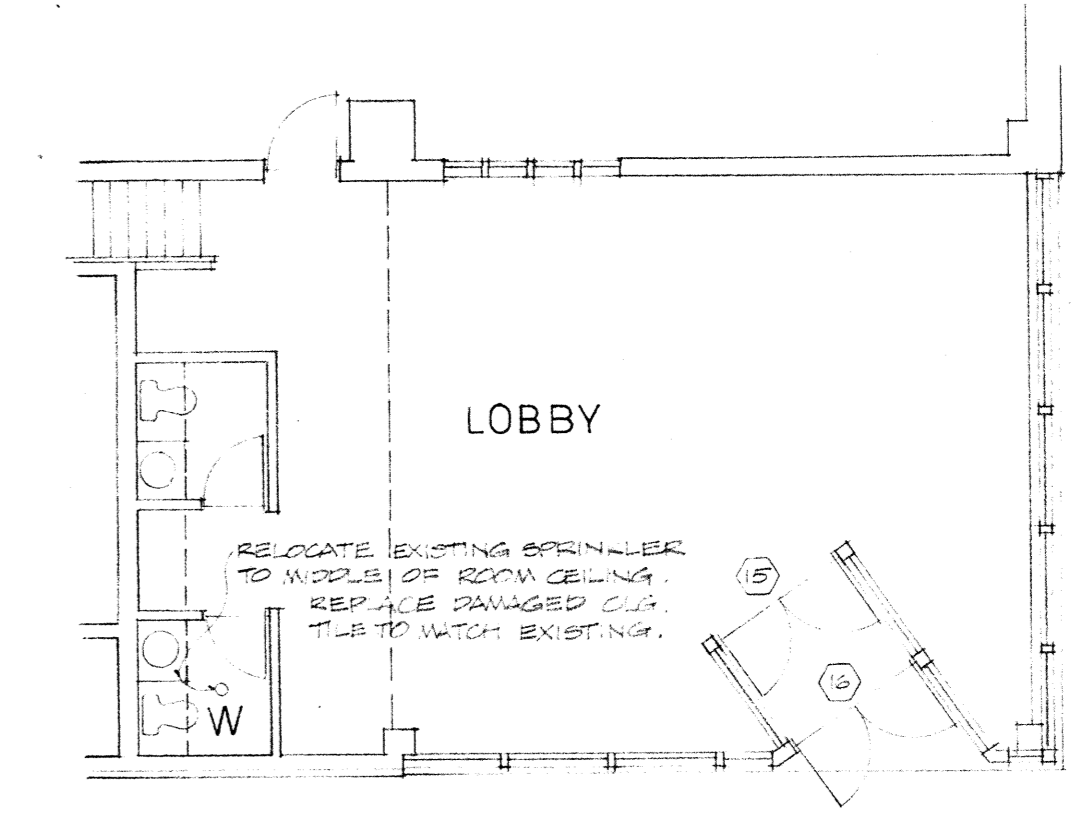
TYPICAL ROOF:
 GRAVEL 4" - 4" PA 2" UP ROOFING
 1" 2" RIGID INSULATION W/ VAN. 25 FLAME SPREAD RATING IN 2 LAYERS W/ AIRSPACE RETARDANT W/ HEAVY
 1/2" GYP BOARD, SCREW TO DECK
 W/ 1" BEAM ON STE. SLOPED - SEE DETAIL
 SLOPE TO DRAIN 1:12



TYPICAL EXTERIOR WALL: 2-HR FIRE RATING NORTH WALL
 201 3/2 IN WALL
 100 CONC BLOCK W RUNNING BOND
 FULL CONC W REINTECH VERTICALLY WITH REINTECH
 6" W/ 1/2" PANELS FROM 1/2" TO 1/2" EXISTING
 ON 10" CONT HORZ. INT. FURRING & TOP BOTTOM
 50 RIGID INSULATION & WALL SPACE
 ADHERE WITH VAPOR BARRIER AS SPEC'D

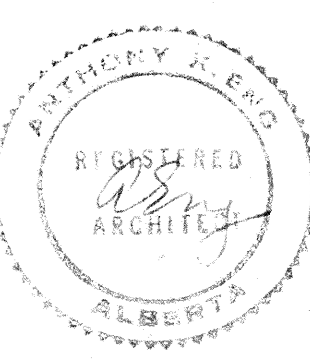


2 WALL SECTION
1:10



3 PLAN LOBBY EXISTING HANGAR
1:100
NOTE: ABOVE WORK TO HAVE SEPARATE TENDER PRICE

ANTHONY K. ENG ARCHITECT LTD
 PERMIT No. 108
 ISSUED PURSUANT TO THE
 ARCHITECTS ACT



Date	Revision	By
07/12/83	ISSUED FOR FINAL REVIEW	
08/11/83	ISSUED FOR PERMITS REVIEW	
09/11/83	ISSUED FOR PERMITS REVIEW	
09/11/83	ISSUED FOR PERMITS REVIEW	

Site: EDMONTON ALBERTA
 Title: ADDITION TO HANGAR 1A PHASE II
 EDMONTON MUNICIPAL AIRPORT

Date: NOV. 25, 1983

Office of Regional Manager, Construction Services

Drawn By	Checked By	Project No.	Sheet
CY	TE	51-W110-0050(2/1)	A5 of 5

W 1 1 0 W 6 2 8 A 3 0 7

NOTES

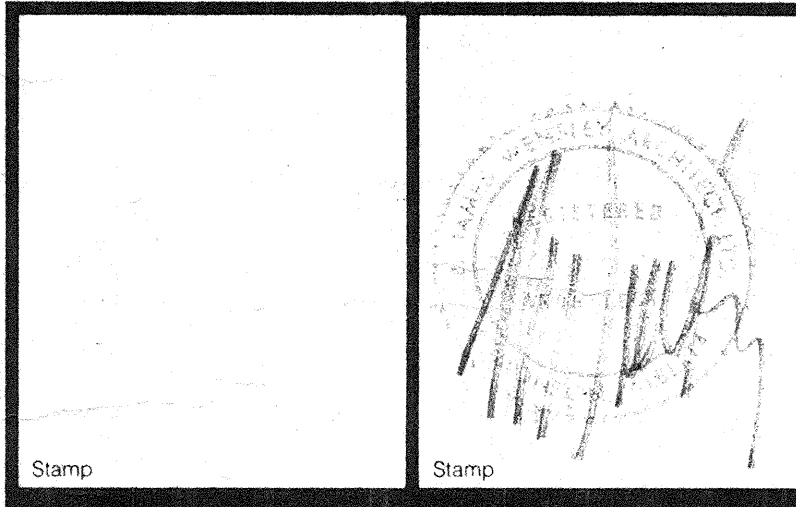
1. THIS DRAWING TO BE READ IN CONNECTION WITH SECOND FLOOR PLAN (DWG. A-3), FOUNDATION PLAN (DWG. S-1), SECOND FLOOR FRAMING PLAN (DWG. S-4), STRAIN STEEL FABRICATION & ERECTION DWGS., AND MECHANICAL & ELECTRICAL DWGS.
2. REFER TO ADDENDUM NO. 1 IN SPECIFICATIONS FOR PARTITION, APPLIED FINISH, ROOM FINISH, DOOR AND WINDOW SCHEDULES.
3. ALL PARTITIONS TYPE (2) UNLESS OTHERWISE NOTED. ALL CONC. BLOCKS 8" THICK UNLESS OTHERWISE NOTED.
4. PLASTERS IN BLOCK WALLS: (FULL HEIGHT) RW 1#5 VERT. EA. CORE - CONC. FILLED, SPACED AT MAX. 16" O.C. (FULL HEIGHT) RW 2#5 VERT. EA. FACE, CW #0 TIES 16" O.C. CONC. FILLED. REFER TO STRUCT. DWGS. FOR STRUCT. DETAILS.

**B. JAMES WENSLEY
ARCHITECT LTD.
EDMONTON ALBERTA**



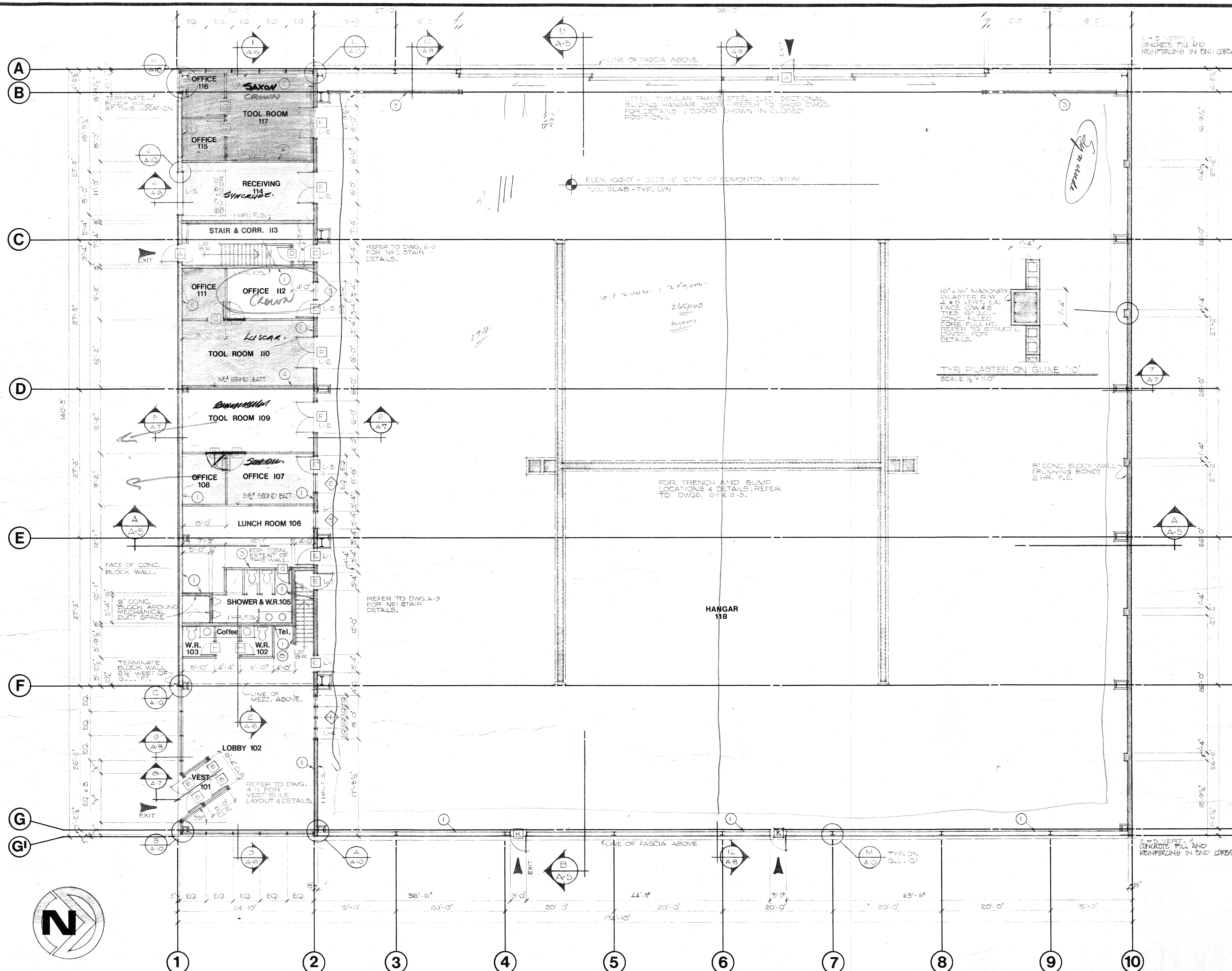
11420-142 STREET, EDMONTON, ALBERTA T5M 1V1
PHONE (403) 452-7910 TELEX: 037-3375

Revisions		
Date	Number	Description
04/12/78	0	ISSUED FOR CONSTRUCTION.

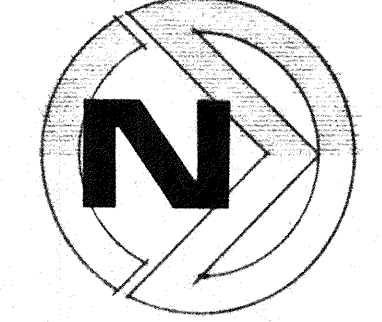


Title: **MAIN FLOOR PLAN**
Client: **G. C. Properties Ltd.**
Description: **Aircraft Hangar**

Job No: 78-013 Date: _____
Drawn by: L.S.K. Approved by: *T.R. Kunitz*
Print Date: _____ Scale: 1/8" = 1'-0"



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



NOTES

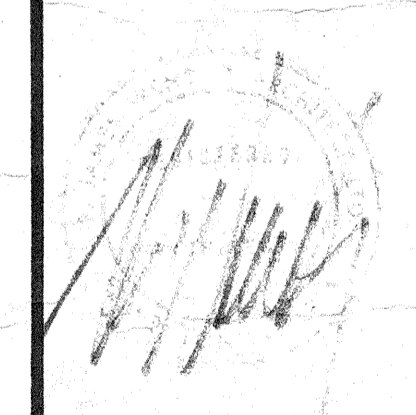
- FOR STRUCTURAL FLOOR FRAMING PLAN & DETAILS REFER TO DWG. 3-4.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH MAIN FLOOR PLAN DWG. A-2, STRAIN STEEL PLAN DWG. A-3, ERECTION DWG. 1 AND MECH. & ELECT. DWGS.
- FOR PARTITION APPLIED FINISH & ROOM FINISH SCHEDULES REFER TO ADDENDUM N.1 IN SPECIFICATION.
- ALL PARTITION TYPE (2) UNLESS OTHERWISE NOTED.

**B. JAMES WENSLEY
ARCHITECT LTD.
EDMONTON ALBERTA**



CAMWIL
11420-142 STREET, EDMONTON, ALBERTA T5M 1V1
PHONE (403) 452-7910 TELEX 037-3375

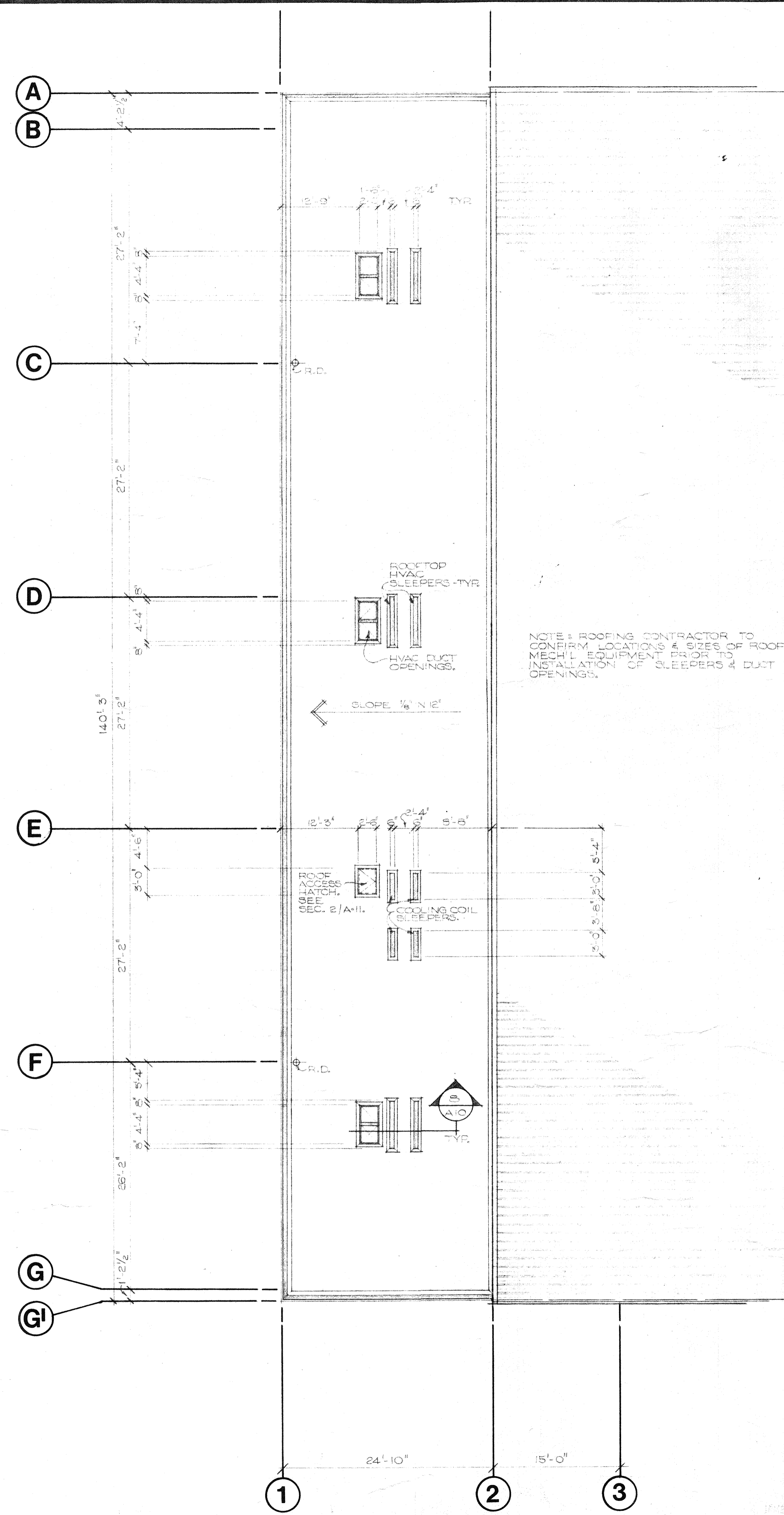
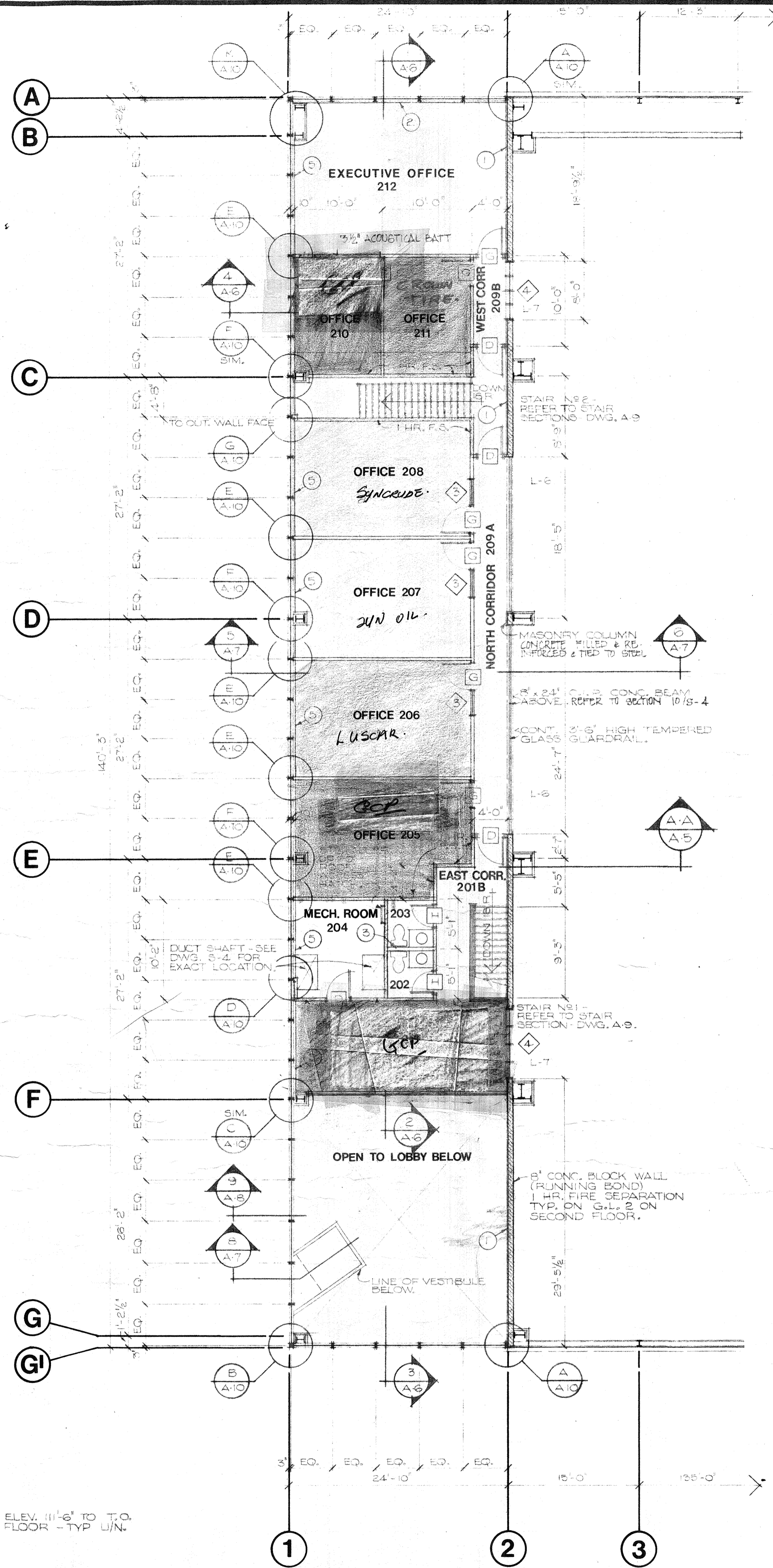
Revisions		
Date	Number	Description
JUN 15 1978	0	ISSUED FOR CONSTRUCTION



Stamp

Title
SECOND FLOOR & ROOF PLANS
Client
G. C. Properties Ltd.
Description
Aircraft Hangar

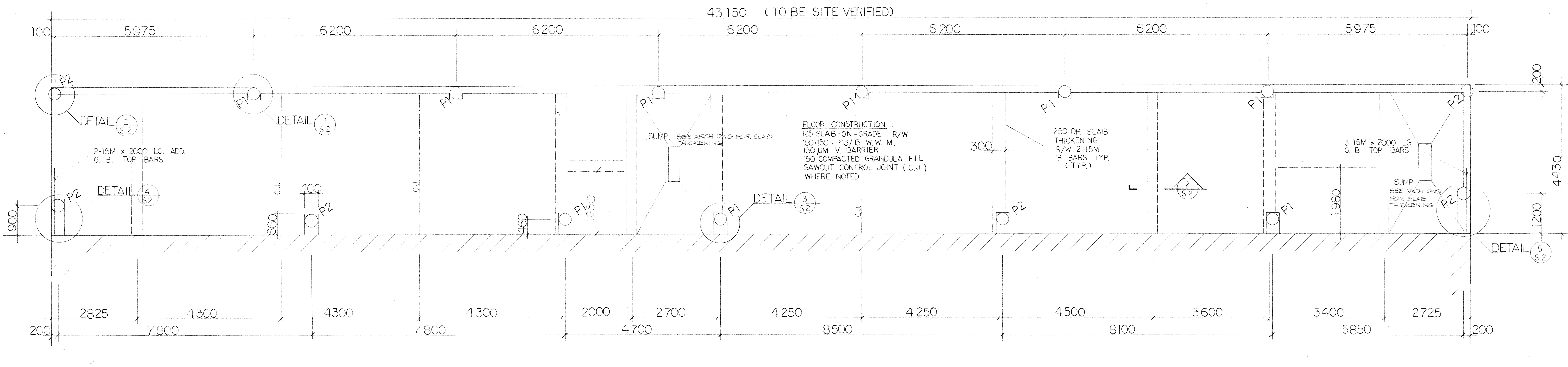
Job No 78-013 Date
Drawn by L.S.K. Approved by *F.R. Wensley*
Print Date Scale AS NOTED



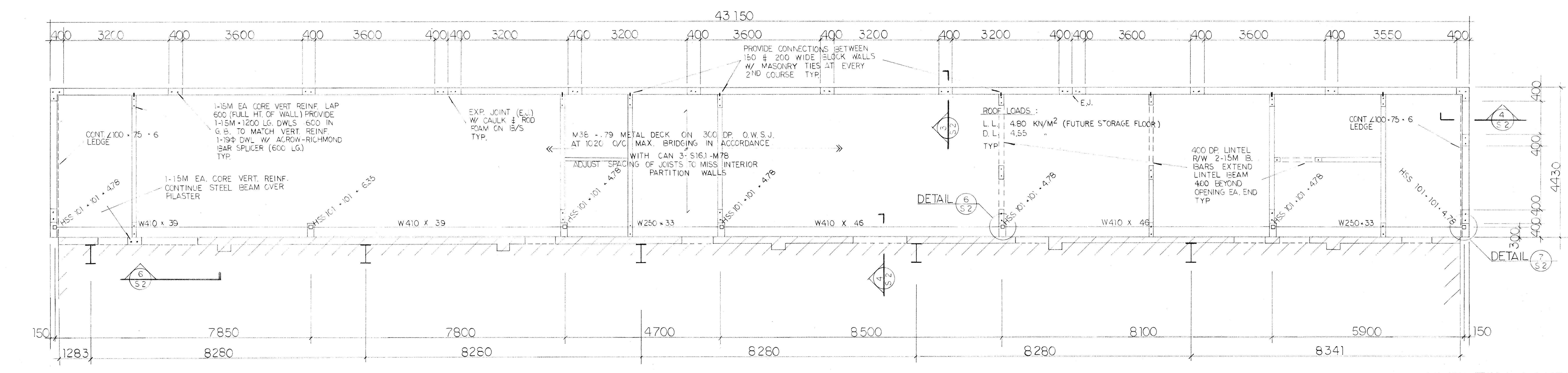
NOTE: ELEV. 111'-6" TO T.O. FINISH FLOOR - TYP. U.N.



B. JAMES WENSLEY ARCHITECT LTD.
11420-142 STREET, EDMONTON, ALBERTA T5M 1V1
PHONE (403) 452-7910 TELEX 037-3375



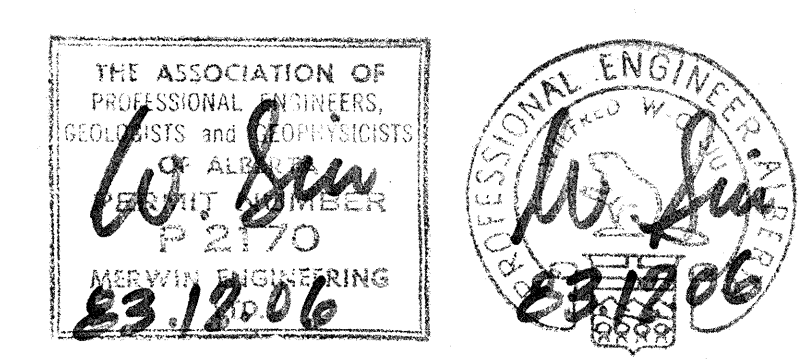
FOUNDATION PLAN
1:50



ROOF FRAMING PLAN
1:50

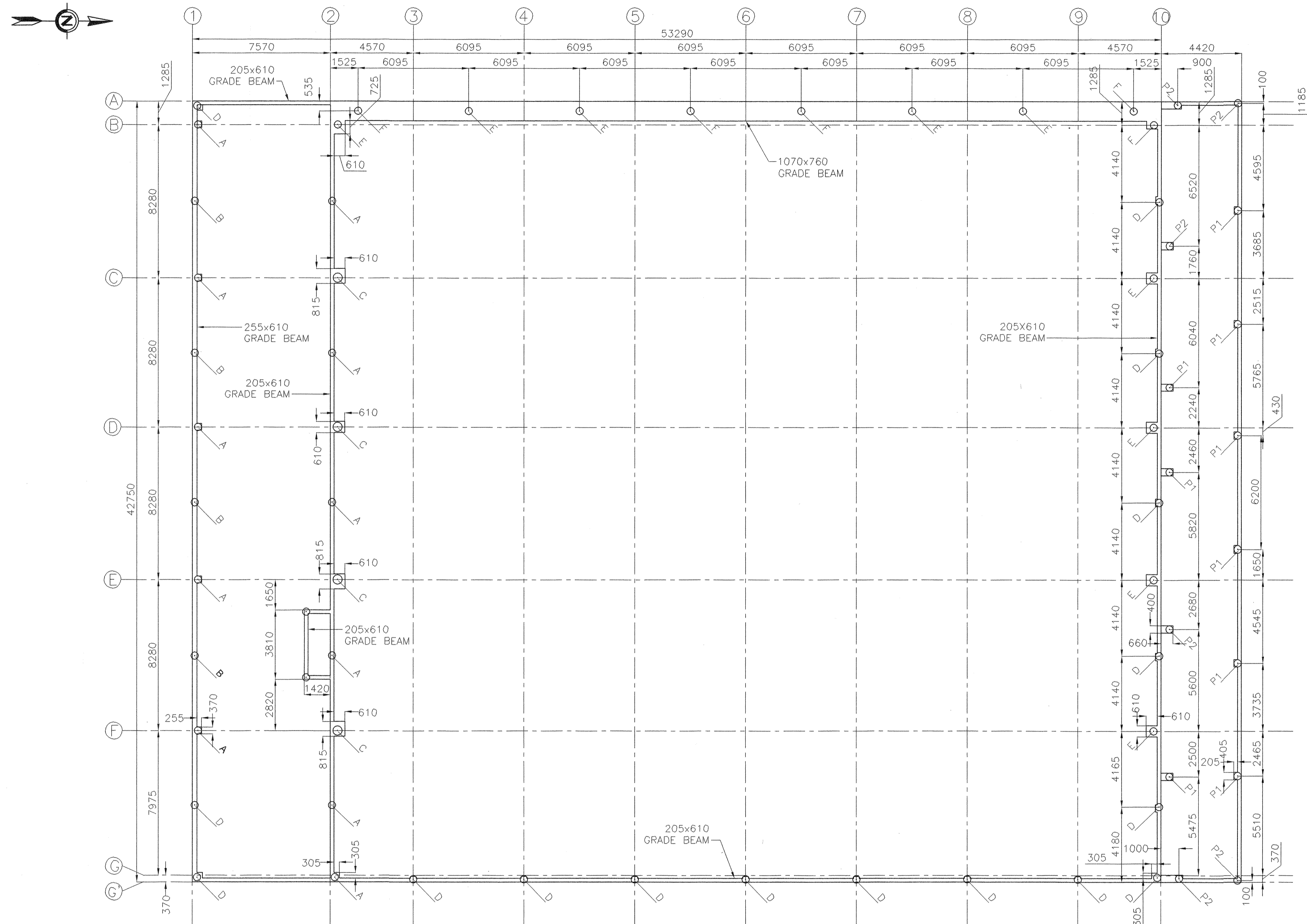
PILE SCHEDULE

MARKS	MAX. LOAD	PILE LENGTH	PILE DIAMETER	REINFORCING	DOWELS
P1	276 KN	11600	400	4-15M x 6000 VERT C/W 2-10M TIES AT 75 TOP BAL. AT 300 Q/C	4-15M x 1200 LG. 500 INTO PILE CAP/GR. BEAM TYP. U/N
P2	200 KN	9600	400		



MERWIN ENGINEERING LTD.
structural consultants

Date	83/2/07	Revision	FINAL REVIEW	By	W.S.
Scale	0 1250 2500 3750 5000				
Site					
Title	ADDITION TO HANGER 1A PHASE II EDMONTON MUNICIPAL AIRPORT				
Date	Nov. 25/83	Office of Regional Manager, Construction Services			
Drawn By	BN	Checked By	W.S.	Project No.	S2-W110-0050(21)
				Sheet	31 of 2
W 1 1 0 W 6 2 8 A 3 0 7					



FOUNDATION PLAN
SCALE: 1:150

PILE SCHEDULE:

DESIGNATION	DIAMETER(mm)	LENGTH (mm)
A	405	8535
B	405	7010
C	510	15240
D	405	5790
E	405	13410
F	405	10365
P1	400	11600
P2	400	9800

NOTES:

- THIS DRAWING REFLECTS THE BEST INFORMATION AVAILABLE GATHERED FROM CONSTRUCTION DRAWINGS AND VISUAL REVIEWS PERFORMED BY TICA CONSULTING.
- INFORMATION ON THIS DRAWING WAS NOT VISIBLE AND THIS WAS NOT CONFIRMED ON SITE.

REVISIONS	DESCRIPTION	DATE
0	AS-BUILT	04/03/28

A	A detail number / number du detail	A
B	source drawing no. / de dessin no.	B
C	detail on drawing no. / detail sur dessin no.	C

project title / titre du projet

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
HANGER 5

drawing title / titre du dessin

FOUNDATION PLAN

designed by / conçu par

drawn by / dessiné par
A. BLEZY

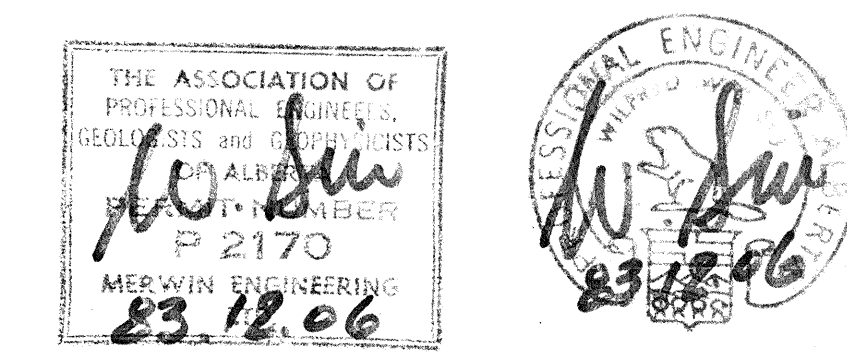
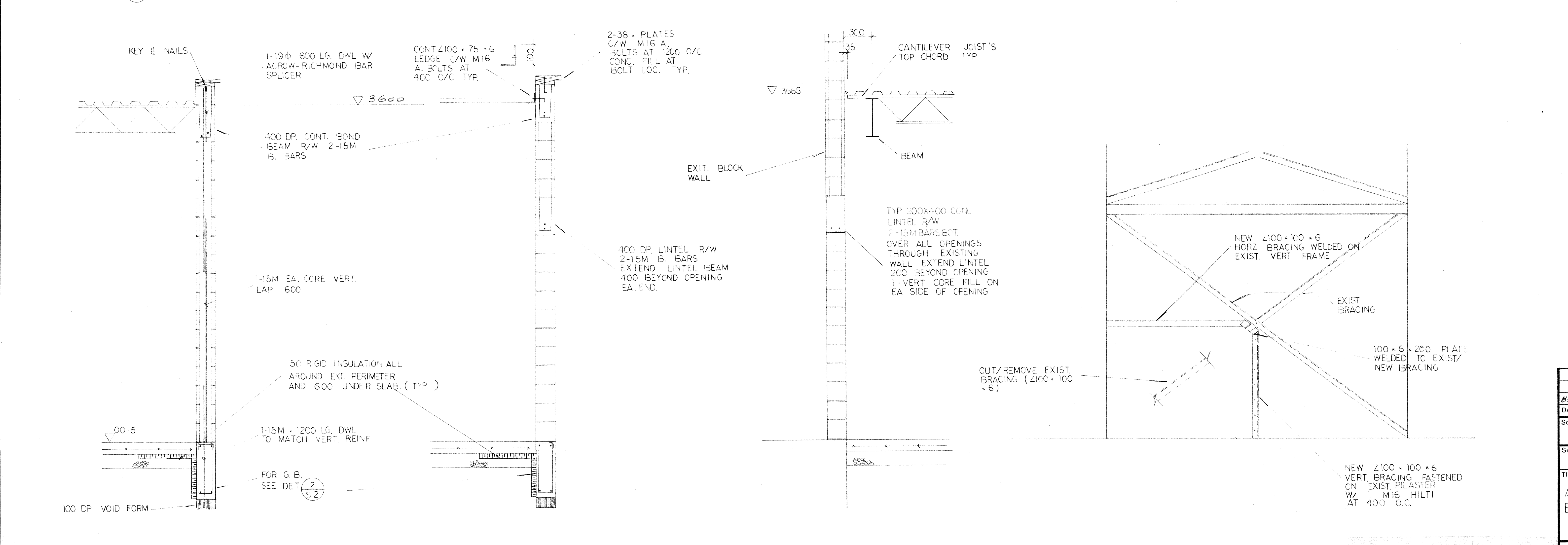
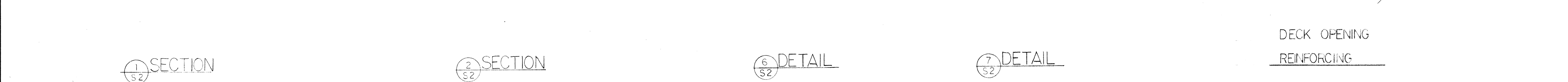
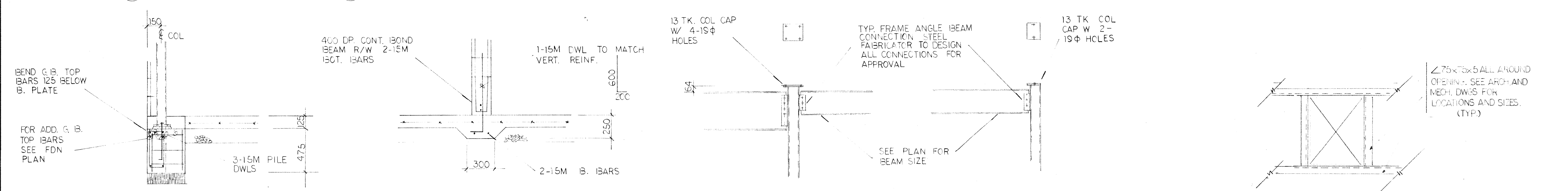
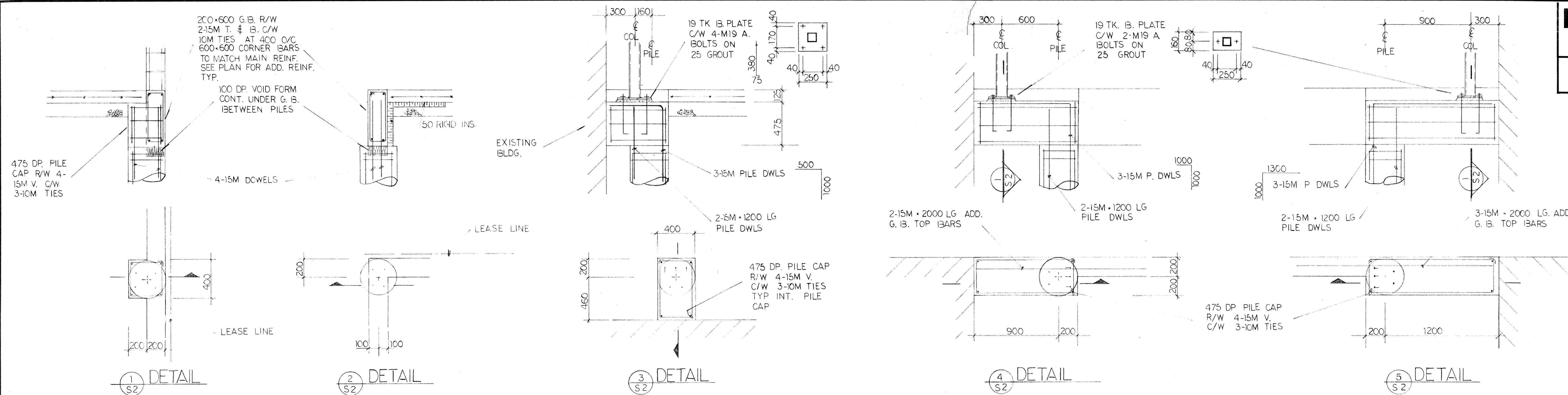
approved by / approuvé par
T. CARTMELL

PWSC Project Manager / Administrateur de Projets TPSGC
M. DUMTRESCU

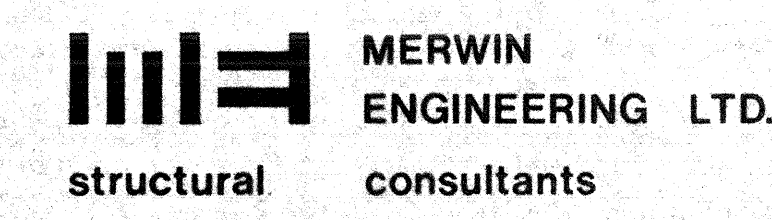
scale / échelle / sheet / feuille
AS SHOWN

project no. / projet no. **S2.0**

date / date MARCH 26, 2004 OF 5



Date	83.12.07	Revision	FINAL REVIEW	W.S.
Scale	0 500 1000 1500 2000			
Site	ADDITION TO HANGAR 1A - PHASE II EDMONTON MUNICIPAL AIRPORT			
Date	Nov 25/83	Checked By	W.S.	Sheet
Drawn By	B.N.	Project No	SZ-W110-0050 (21)	S2 of 2
W I I O W 6 2 8 A 3 0 7				



REVISIONS	DESCRIPTION	DATE
0	AS-BUILT	04/03/26

A	detail number / number du détail	A
B	source drawing no. / de dessin no.	B/C
C	detail on drawing no. / détail sur dessin no.	

project title / titre du projet
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
HANGER 5

drawing title / titre du dessin

FRAMING PLAN

designed by / conçu par

drawn by **A. BLEZY** / dessiné par

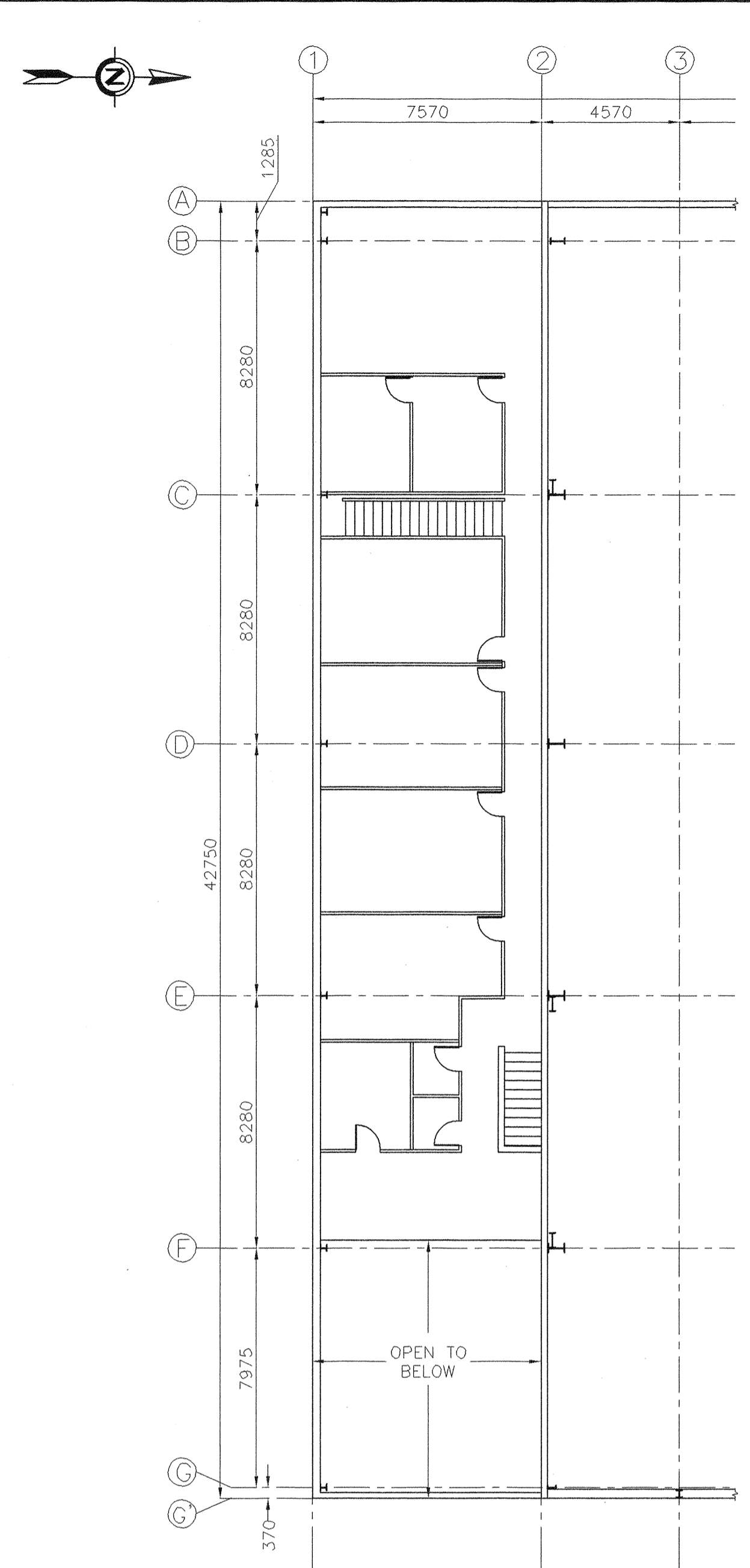
approved by **T. CARTMELL** / approuvé par

PWGSC Project Manager / Administrateur de Projets TPSGC
M. DUMITRESCU

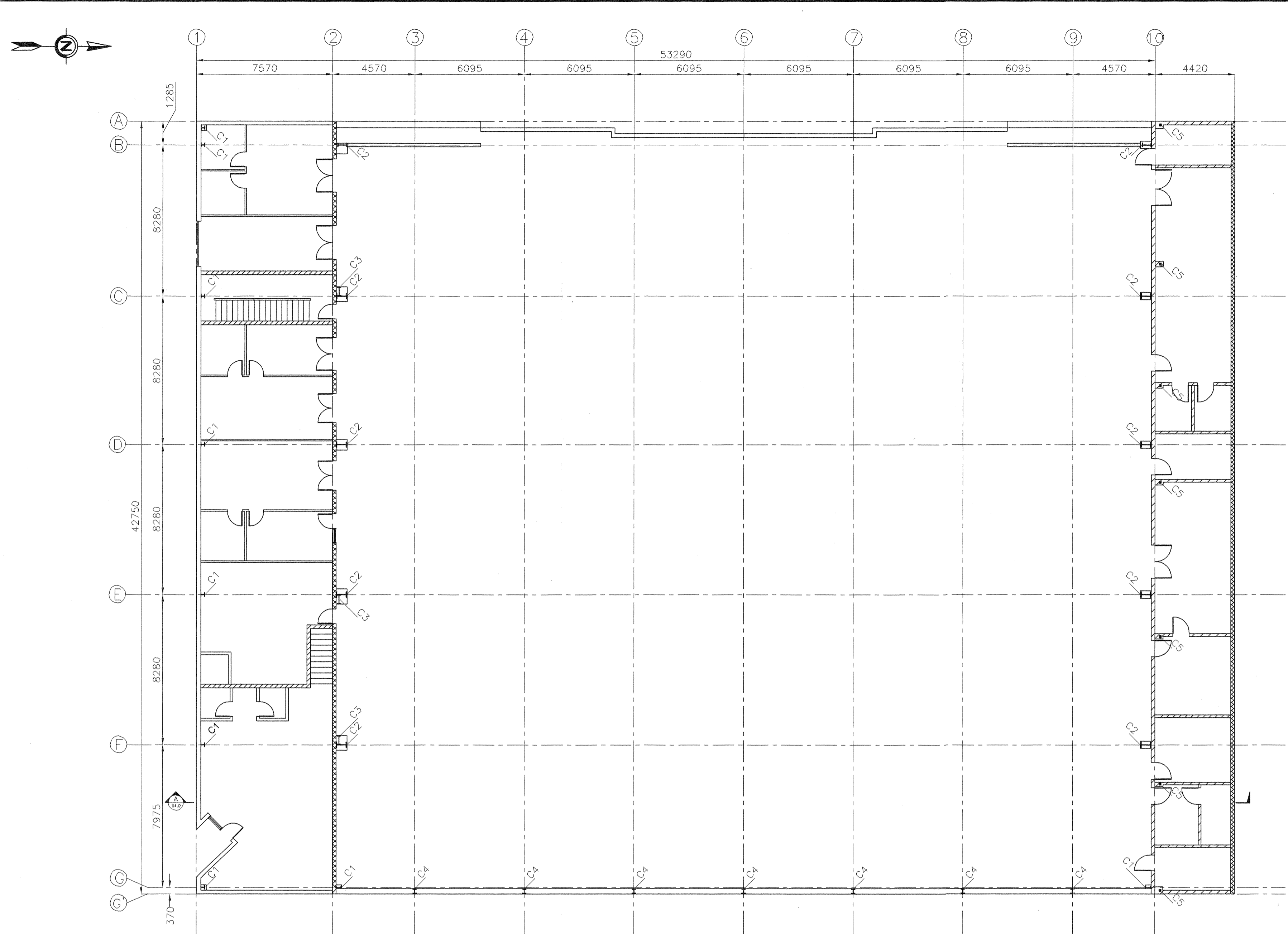
scale / échelle sheet / feuille

project no. **412331** / projet no. **S3.0**

date **MARCH 26, 2004** / date **OF 5**



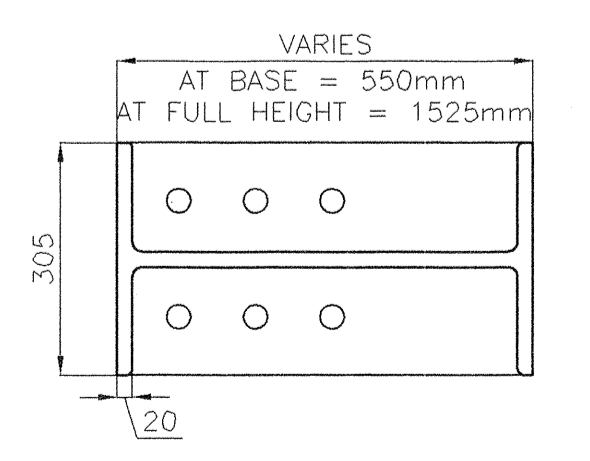
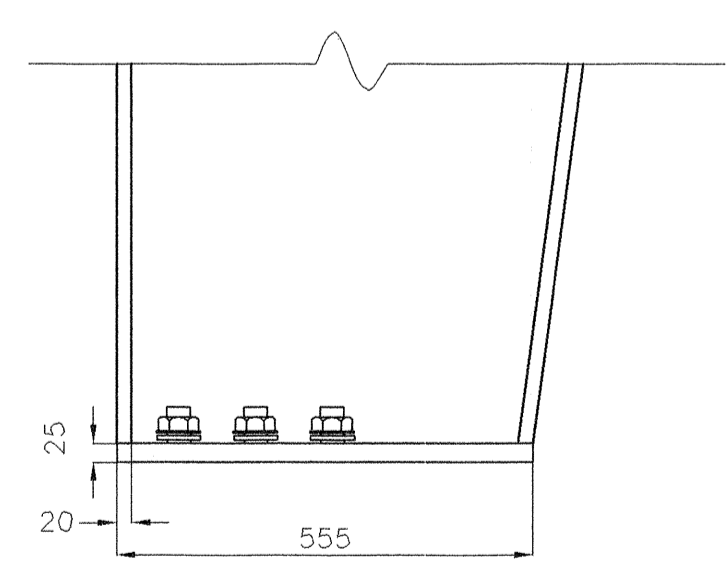
SECOND FLOOR LAYOUT
SCALE: 1:150



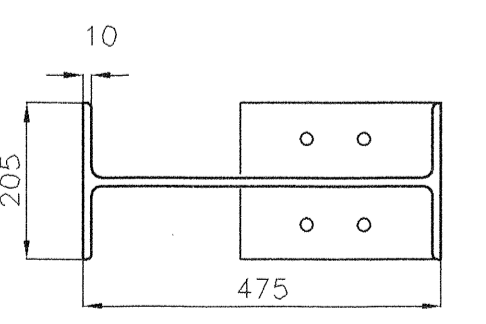
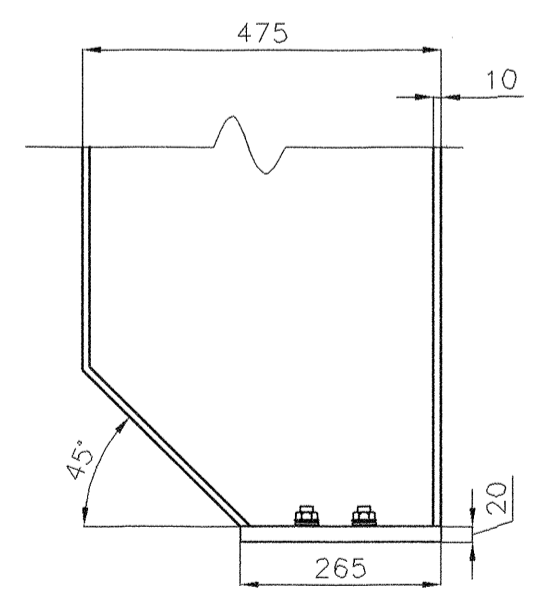
MAIN FLOOR LAYOUT
SCALE: 1:150

COLUMN SCHEDULE:

DESIGNATION	MEMBER
C1	W200x46
C2	SEE COLUMN C2 DETAIL
C3	SEE COLUMN C3 DETAIL
C4	SEE COLUMN C4 DETAIL
C5	HSS 101x101x4.8

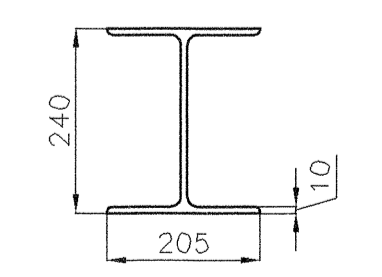


COLUMN C2 DETAIL
SCALE: 1:10

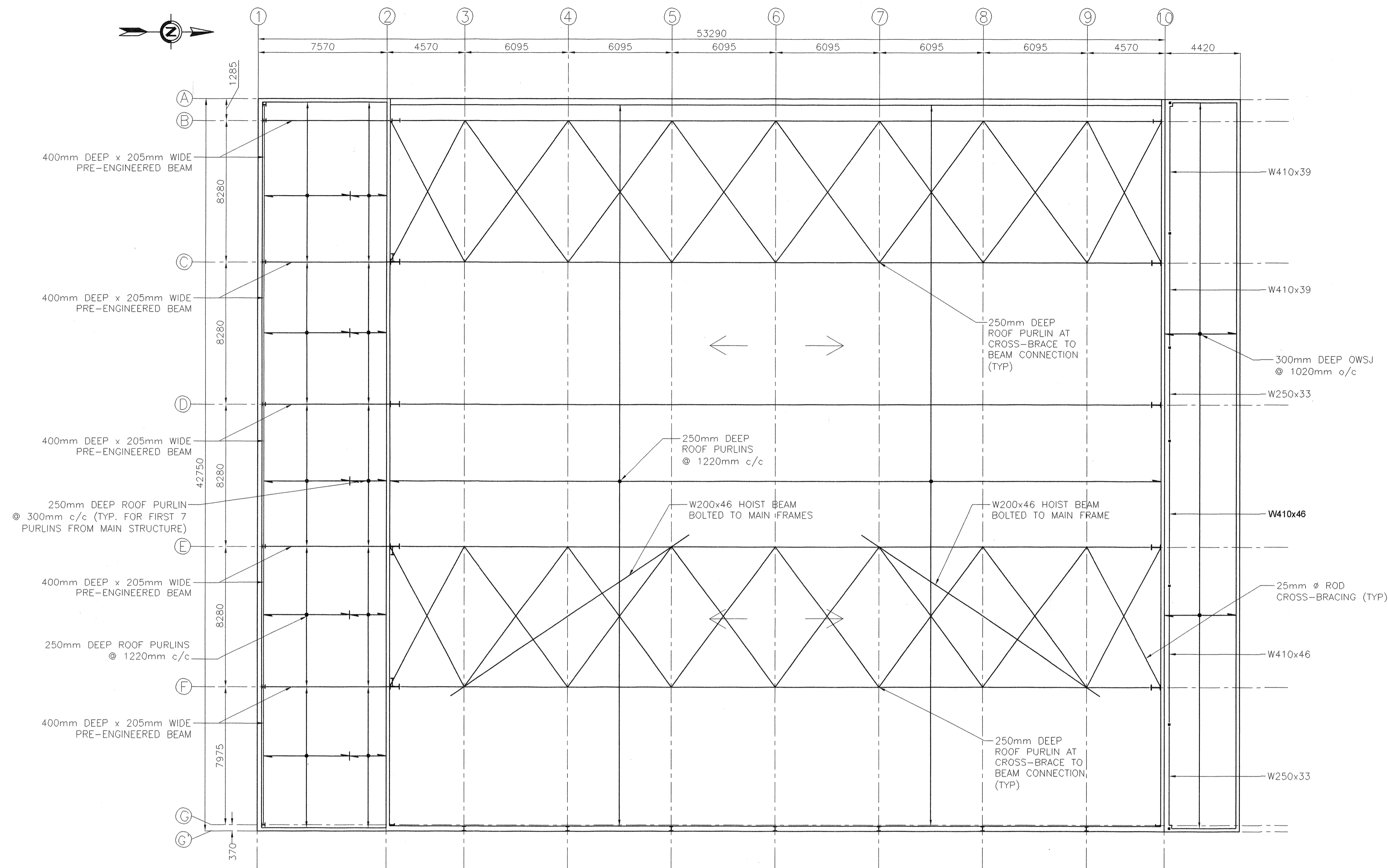


COLUMN C3 DETAIL
SCALE: 1:10

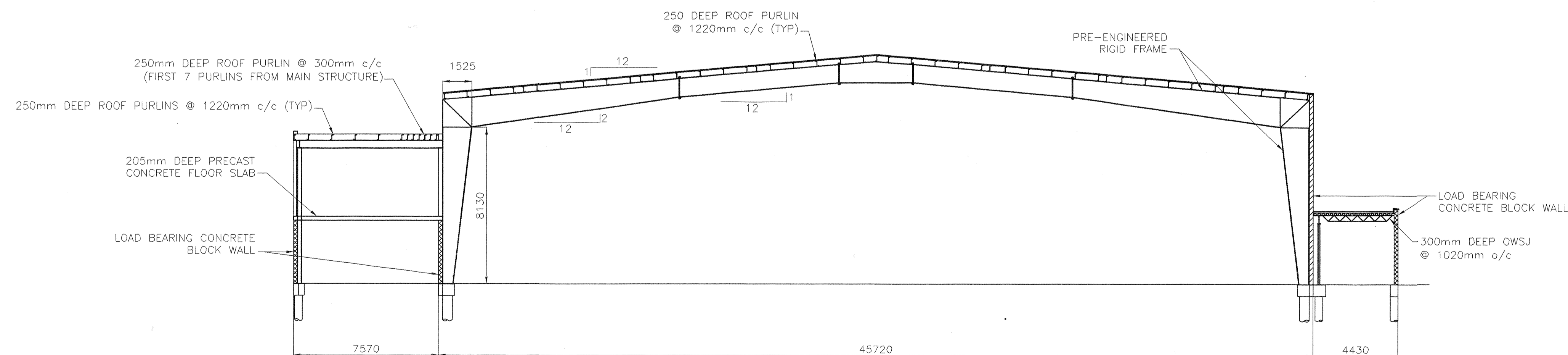
LEGEND
 CONCRETE BLOCK WALL
 LOAD BEARING WALL



COLUMN C4 DETAIL
SCALE: 1:10



ROOF LAYOUT
SCALE: 1:150



SECTION A
SCALE: 1:150

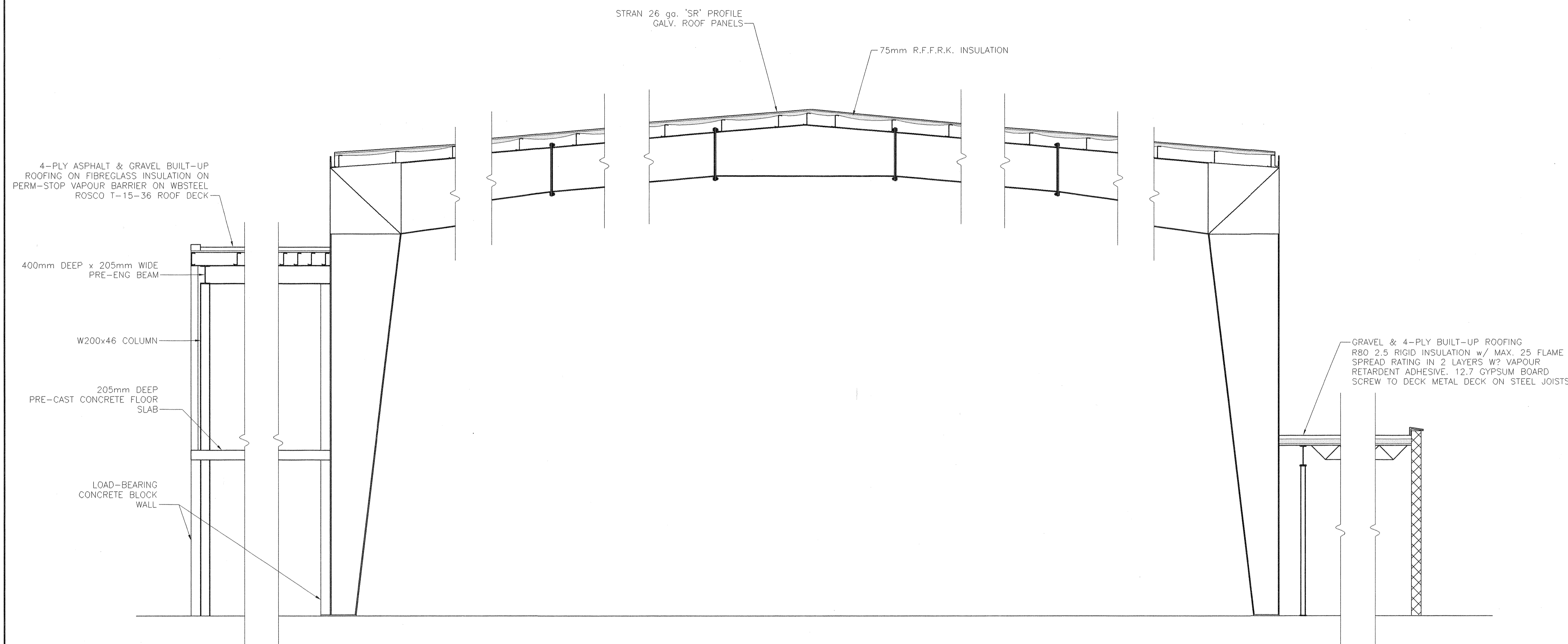
REVISIONS	DESCRIPTION	DATE
0	AS-BUILT	04/03/26

A	detail number number du detail	A
B	source drawing no. de dessin no.	B/C
C	detail on drawing no. detail sur dessin no.	

project title / titre du projet
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
HANGER 5

drawing title / titre du dessin
ROOF PLAN

designed by / conçu par	
drawn by / dessiné par	A. BLEZY
approved by / approuvé par	T. CARTMELL
PWSC Project Manager / Administrateur de Projets TPSGC	M. DUMITRESCU
scale / échelle	AS SHOWN
project no. / projet no.	412331
date / date	MARCH 26, 2004
sheet / feuille	S4.0 OF 5



HANGER CROSS SECTION
SCALE: 1:50

REVISIONS	DESCRIPTION	DATE
0	AS-BUILT	04/03/28

A	A detail number number du detail	A
B	B source drawing no. de dessin no.	B
C	C detail on drawing no. detail sur dessin no.	C

project title / titre du projet
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
HANGER 5

drawing title / titre du dessin
BUILDING SECTION

designed by / conçu par
--

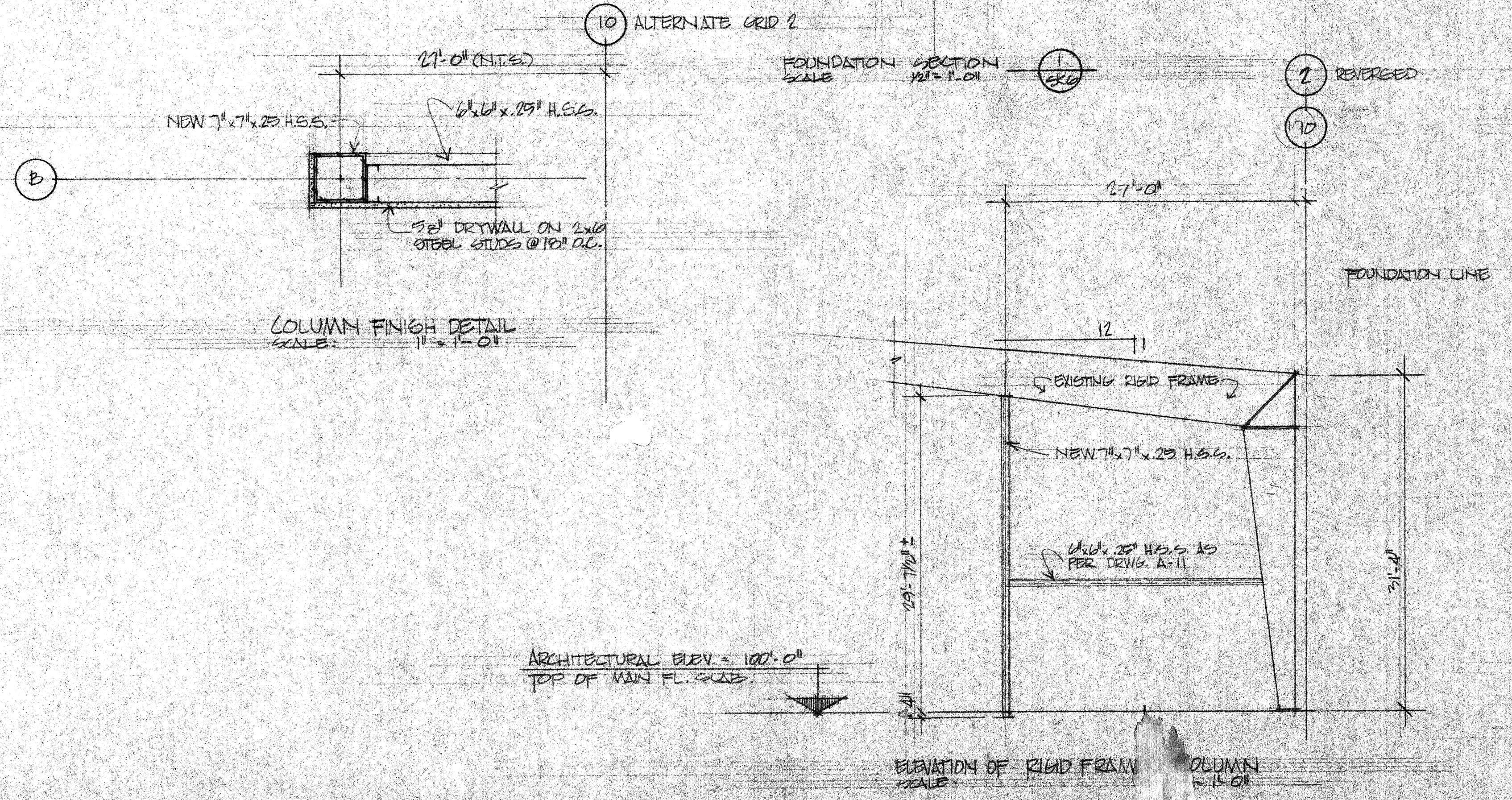
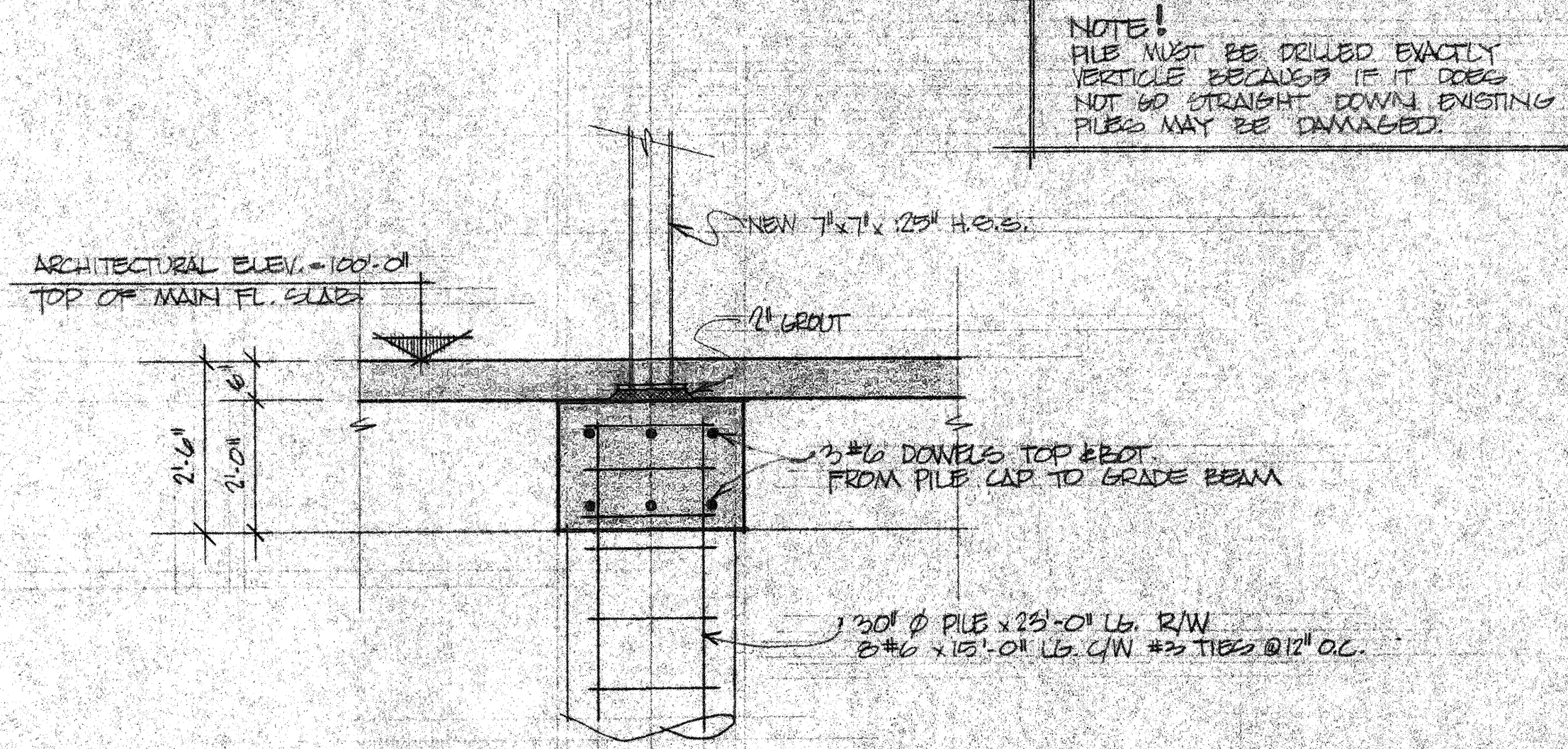
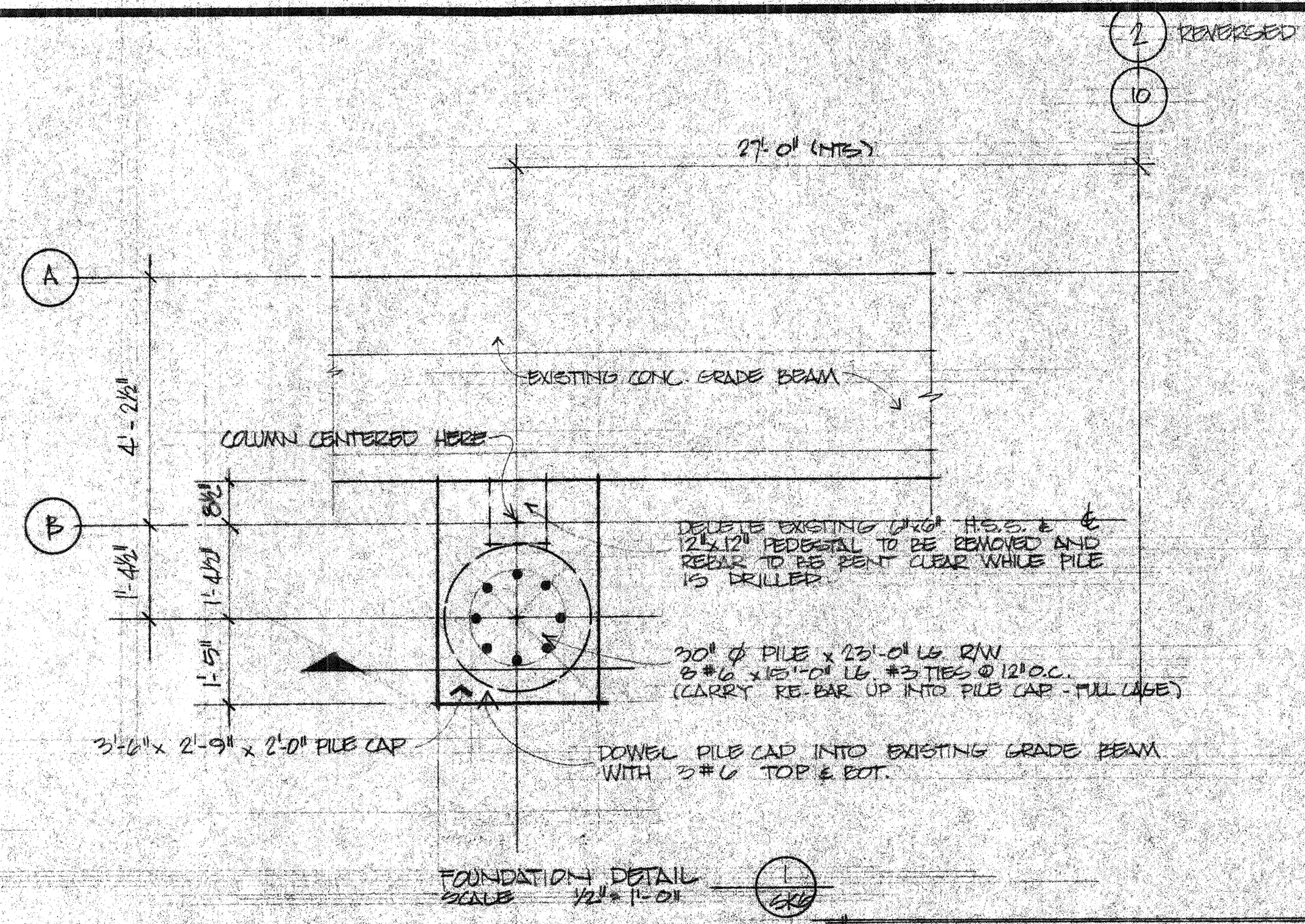
drawn by / dessinée par
A. BLEZY

approved by / approuvé par
T. CARTMELL

PWSSC Project Manager / Administrateur de Projets TPSSC
M. DUMITRESCU

scale / échelle AS SHOWN / sheet / feuille
project no. / projet no. 412331 / S4.1
date / date MARCH 26, 2004 / OF 5

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11420-142 STREET, EDMONTON, ALBERTA T5M 1V1
PHONE (403) 452-7910 TELEX 037-3375

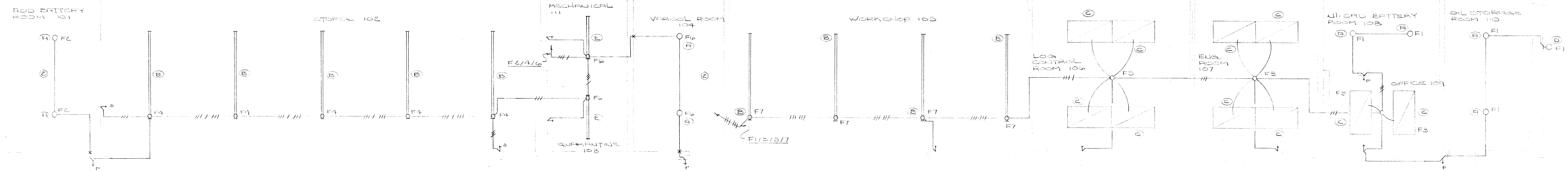
Revisions	
Date	Description

Stamp

Title: **FOUNDATION DETAILS**
Client: **G.C. Properties Ltd.**
Description: **Aircraft Hangar**

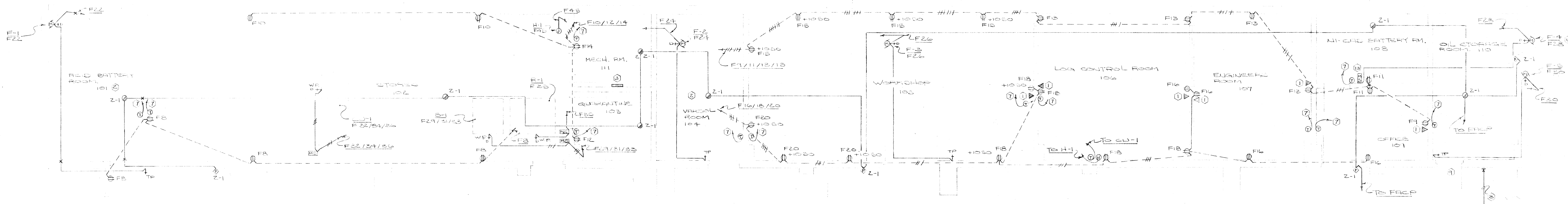
Job No: 78-012 Date: 1/17/78
Drawn by: DBC Approved by:
Print Date: Scale: AS NOTED

Drawing Number: 6K6



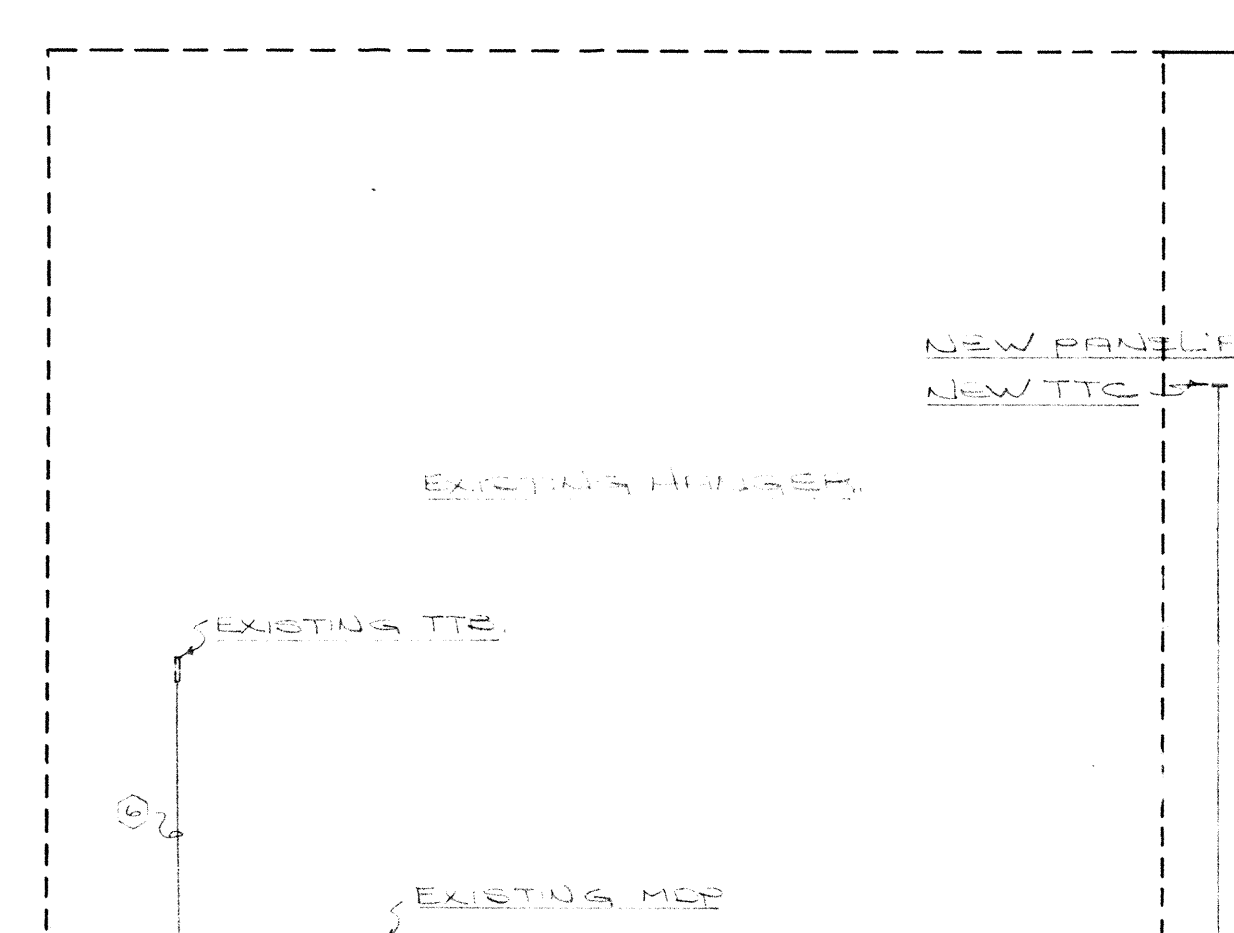
NOTE: ALL THERMOSTATS SUPPLIED BY CONTROLS CONTRACTOR, & WIRED BY ELECTRICAL CONTRACTOR. HUMIDISTAT SUPPLIED BY HUMIDIFIER, SUPPLIER & INSTALLED BY CONTROLS CONTRACTOR.

PARTIAL FLOOR PLAN LIGHTING SCALE 1:50



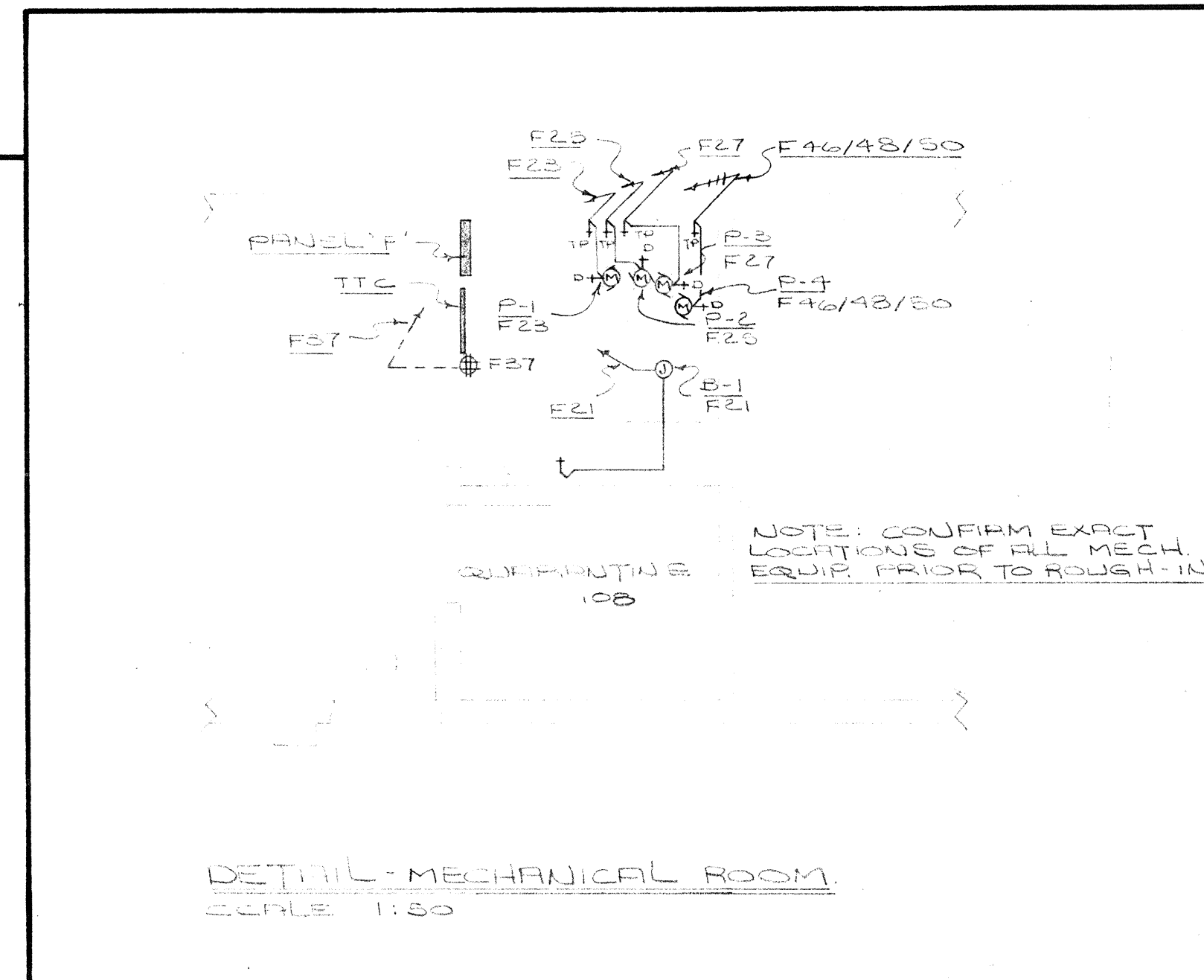
PARTIAL FLOOR PLAN AUXILIARY SCALE 1:50

USUAL DESCRIPTION, PARTIAL FLOOR PLAN, PUMP, MISC. PARTS OF LOTS 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.



DETAIL MECHANICAL ROOM SCALE 1:50

SITE PLAN SCALE 1"=50'-0"



- NOTES
1. RUN 200 TO TTC.
 2. ALL RECEPTACLES, SWITCHES, CONDUIT, WIRING DEVICES, ETC., IN THIS AREA, TO BE FOR C.E.C. REQ'D FOR EXPLOSION PROOF AREA. PROVIDE 'SYG' SEALS AS REQ'D.
 3. CONTROL PANEL FOR FANS, CU-1, & AIR COND. (CCT. TO F42) UNIT TO BE SUPPLIED & INSTALLED BY CONTROLS CONTRACTOR.
 4. 600x600x100 TTC, CW 20 AIR PLYWOOD BACKBOARD PAINTED GREY.
 5. CONNECT NEW PANEL 'F' TO EXISTING MDP, USING 500-2#20X1 CONDUIT TO BE RUN IN SUCH A WAY THAT HANGER DOORS, ETC., ARE AVOIDED. PROVIDE NEW 3P-250A BRKR. IN EXISTING MDP, TO FEED PANEL 'F'.
 6. EXISTING TTC TO BE CONNECTED TO NEW TTC BY 500.
 7. TO RADIATION CONTROL VALVE & TRANSFORMER. (MAX. 4 PER ZONE). REFER TO MECH. DWG. FOR DETAIL. PROVIDE 10V WIRING TO X-MERS.
 8. APPROXIMATE LOCATION OF EXISTING AIR COMPRESSOR (ALLOCATED) UTILIZE EXISTING CONDUIT, & EXTEND CONDUIT, & WIRING AS REQ'D.
 9. EXISTING COMPRESSOR & AIR DRYER TO BE RELOCATED 3 METERS SOUTH ON EAST WALL. EXTEND CONDUIT & WIRING AS REQ'D. CONFIRM EXACT LOCATION & REQ'TS. PRIOR TO ROUGH-IN.
 10. ALL EMPTY CONDUIT TO BE CW FULL WIRE.
 11. CONDUITS TO BE RUN THROUGH MECH. OPENINGS BETWEEN CURBS, & DUCT. (TR FOR ALL ROOF MTR MECH. EQUIPMENT).
 12. JUNCTION BOX FOR CONNECTION OF HUMIDIFIER. (3.4 KW-200V-2P). PROVIDE 12C-2#12-XL & CONNECT AS REQ'D.
 13. INTERLOCK F4 WITH SW/14 FOR VAPOR RM. LTR. & CHARGER. PROVIDE ALL NECESSARY TR. CONNECTIONS TO BATTERY ROOM.

SYMBOLS

○	CEILING MTD. INDEPENDENT FIXTURE.	⊙	HEAT DETECTOR.
◻	WALL MTD. INDEPENDENT FIXTURE.	⊙	FIRE ALARM BELL.
◻	RECESSED FLUORESCENT FIXTURE.	⊙	FIRE ALARM BREAKGLASS STATION.
⊙	FLUORESCENT FIXTURE.	⊙	FIRE ALARM CONTROL PANEL.
⊙	DUPLEX RECEPTACLE.	⊙	THREE-WAY SWITCH.
⊙	TELEPHONE OUTLET.	⊙	JUNCTION BOX.
⊙	SINGLE POLE SWITCH.	⊙	HEAT DETECTOR (HIGH TEMP).
⊙	CONDUIT RUN IN WALL OR CEILING.	⊙	EXIT LIGHT.
⊙	CONDUIT RUN IN OR UNDER FLOOR.	⊙	BATTERY PACK.
⊙	⊙ DENOTES FIXTURE TYPE 'A'.	⊙	REMOTE MTD. EMERGENCY HEADS.
⊙	NO. OF WIRES IN CONDUIT (3).	⊙	HUMIDISTAT.
⊙	CONDUIT SHOWING CONDU. SEAL.		
⊙	MOTOR.		
⊙	DISCONNECT SWITCH.		
⊙	MAGNETIC STARTER.		
⊙	THERMOSTAT.		
⊙	TELEPHONE TERMINAL CABINET.		
⊙	THERMAL SWITCH CONTROL PILOT LIGHT.		
⊙	TELEPHONE TERMINAL BOARD.		
⊙	MDP MAIN DISTRIBUTION PANEL.		
⊙	HAUD-OFF. AUTO.		

PANEL SCHEDULE

PANEL 'F' - 120/200V-2P-4W-250A. BUC.-84
 CAT. SURFACE MTD.

38-1P-15A BRKR.-LTR. & AUX.
 1-2P-15A BRKR.-TRIP
 2-2P-15A BRKR.-S-1P P-4.
 2-1P-20A BRKR.-R-1, & D-1.
 1-2P-40A BRKR.-CU-1
 SPACES.

9333-47 STREET 2nd floor
 Phone (403) 468-5477
 EDMONTON ALTA. T6B 2R7
 ELECTRICAL CONSULTANTS

TWS ENGINEERING LTD.

MOTOR SCHEDULE

NO.	EQUIPMENT	KW	Φ	VOLTS	CONDUIT	WIRE	CONTROL / REMARKS.
F-1	EXHAUST FAN	.027	1	120	12C-2#12-XL		DISCONNECT / TR SWITCH.
F-2	EXHAUST FAN	.016	1	120	12C-2#12-XL		DISCONNECT / TR SWITCH.
F-3	EXHAUST FAN	.033	1	120	12C-2#12-XL		DISCONNECT / TR SWITCH.
F-4	EXHAUST FAN	.028	1	120	12C-2#12-XL		DISCONNECT / MTR. STARTER.
F-5	EXHAUST FAN	.027	1	120	12C-2#12-XL		DISCONNECT / TR SWITCH.
B-1	BOILER	-	1	120	12C-2#14-XL		JUNCTION BOX / SINGLE POLE SWITCH.
P-1	HEATING PUMP	.12	1	120	12C-2#14-XL		DISCONNECT / TR SWITCH.
P-2	PRIMARY PUMP	.15	1	120	12C-2#14-XL		DISCONNECT / TR SWITCH.
P-3	GLYCOL PUMP	.12	3	208	12C-3#14-XL		DISCONNECT / TR SWITCH.
S-1	SUPPLY AIR FAN	1.12	3	208	12C-2#14-XL		DISCONNECT / MTR. STARTER HOA / INTERLOCK R-1.
R-1	RETURN AIR FAN	.87	1	120	12C-2#12-XL		DISCONNECT / MTR. STARTER HOA / INTERLOCK S-1.
CU-1	CONDENSING UNIT	1.17	3	208	12C-3#10-XL		DISCONNECT / MTR. STARTER / THERMOSTAT.

FIXTURE SCHEDULE

TYPE	MANUFACTURER	CRT. NO.	LAMPS	MOUNTING / REMARKS.
A	REFLECTOR	RBNC2275	1-250W MV.	EXPLOSION PROOF / CW REFLECTOR.
B	PEARLESS	WPS-110-216	2-F60 T12 CW	CHAIN SUSPENDED AT 2750 AFF.
C	PEARLESS	NIT-445-12	4-F40 T12 CW	RECESSED.
D	STENOIC	523-100LX.	1-100W HPS.	PIOSA 120 / PHOTOCUTAL / WALL MTD.
E	PEARLESS	WPS-110-216	2-F60 T12 CW	CHAIN SUSPENDED AT 2750 AFF.
EXIT	ELECTROLIER	XT-SERIES	2-220V/12 AC IF 115W DC	RED LETTERS / METAL STENCIL PAGES / MTD. AS SHOWN.
EM	EMERGENCY LITE	125L SERIES	EP-15	BATTERY PACK / 12V / NO. OF HEADS AS SHOWN.

THE ASSOCIATION OF PROFESSIONAL ENGINEERS, GEODETISTS AND SURVEYORS OF ALBERTA
 PERMIT NUMBER P 2275
 TWS ENGINEERING LTD.

DATE 7/82 ISSUED FOR FINAL CHECK DW
 NOV 22/82 ISSUED FOR COMMENTS & 100% CHECK DW
 NOV 4/82 ISSUED FOR COMMENTS DW

Date Revision By

Scale

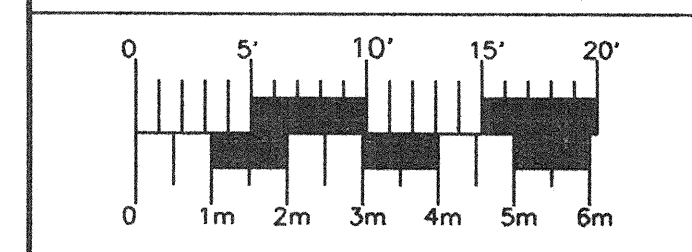
Site EDMONTON ALBERTA

Title ADDITION TO HANGER 1A - PHASE II EDMONTON MUNICIPAL AIRPORT

Date Nov. 25/83 Office of Regional Manager, Construction Services

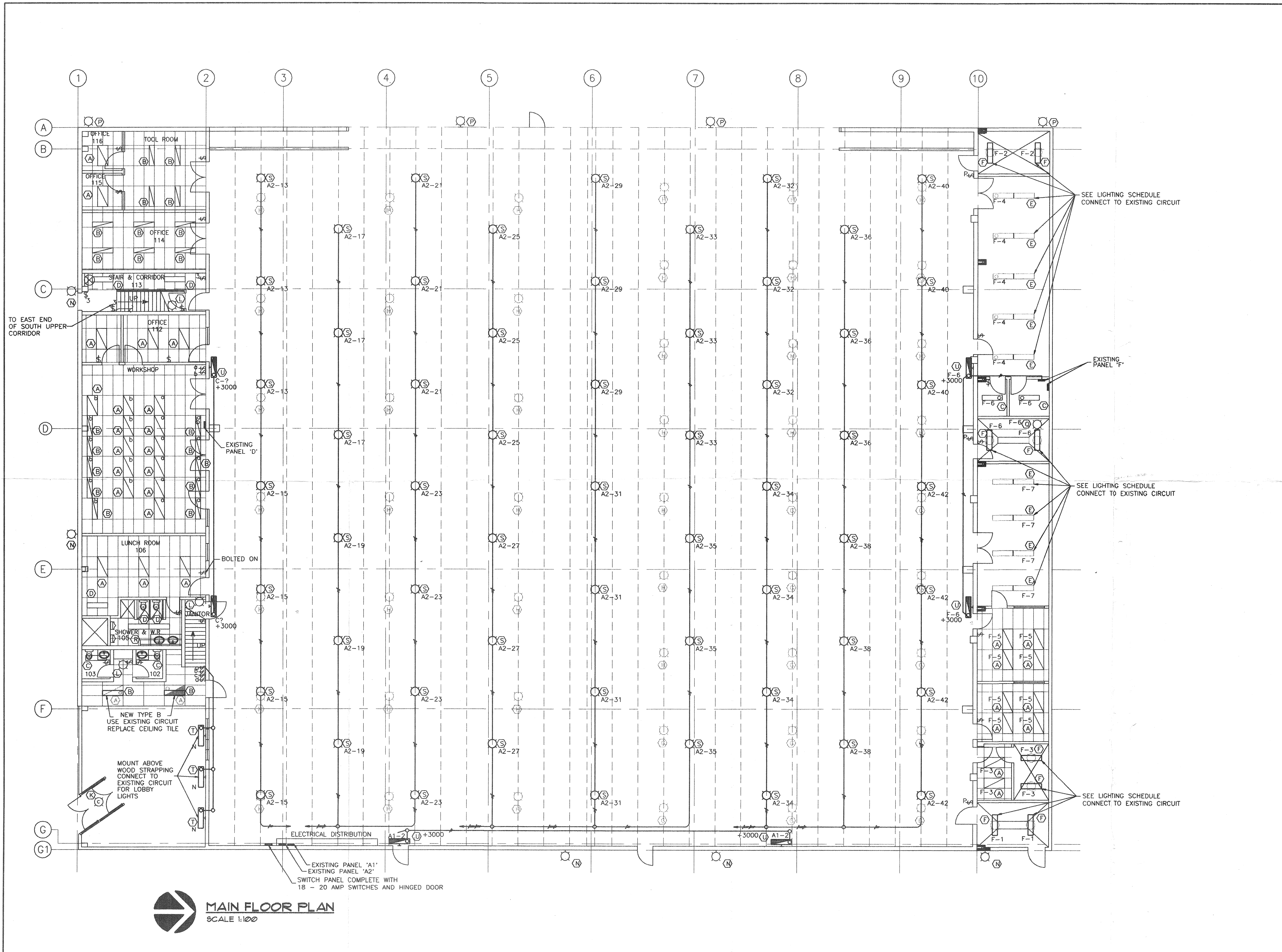
Drawn By W.I.I.O.W. Checked By G.M.W. Project No. 82-000-0000 (21) Sheet 1 of 2

W I I O W 6 2 8 A 3 0 7



LEGEND

revision	date
<p>A detail no. du detail B location drawing no. sur dessin no. C drawing no. dessin no.</p>	
project	project
<p>TRANSPORT CANADA HANGAR 5 11936-109 ST. EDMONTON, ALBERTA</p>	
drawing	dessin
<p>MODIFIED LIGHTING NEW & EXISTING MAIN FLOOR PLAN</p>	
DESIGNED	CONÇU
DATE	
DRAWN	DESSINÉ
DATE	
REVIEWED	EXAMINÉ
DATE	
APPROVED	APPROUVÉ
DATE	
TENDER	SOUSSION
<p>PWC PROJECT MANAGER PROJECT NUMBER NO. DU PROJET 61912-X1</p>	
<p>DRAWING NUMBER NO. DU DESSIN E1</p>	



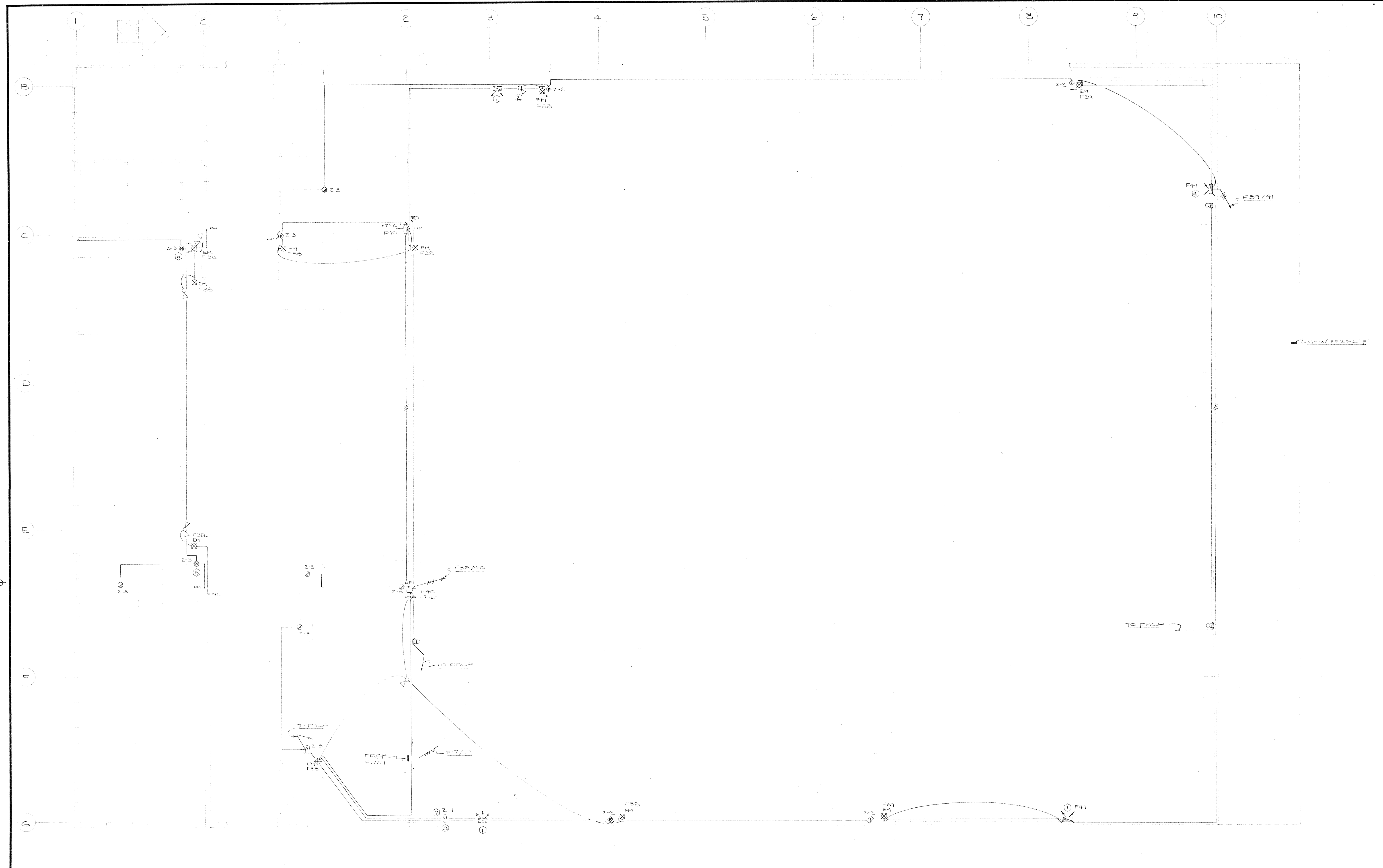
MAIN FLOOR PLAN
SCALE 1:100

FIRE ALARM ZONING SCHEDULE

ZONE	DESIGNATION
Z-1	NEW ADDITION
Z-2	EXISTING HANGAR
Z-3	MAIN FLOOR & MEZZANINE OFFICES
Z-4	EXISTING SPRINKLER TRYS
Z-5	SPACE
Z-6	SPACE
Z-7	SPACE
Z-8	SPACE

NOTES

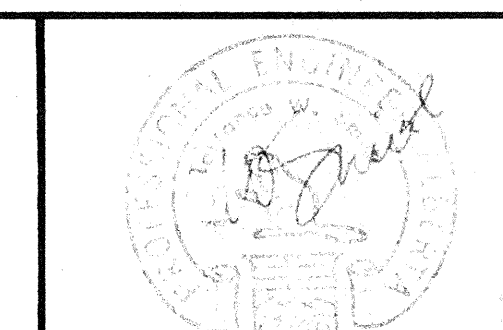
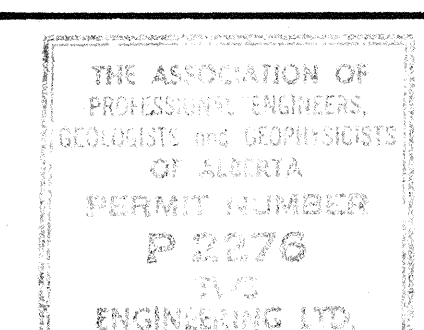
- ① EXISTING BATTERY PACK TO REMAIN.
- ② EXISTING REMOTE HEAD TO REMAIN.
- ③ APPROXIMATE LOCATION OF EXISTING SPRINKLER TRYS, & ALARM BELL (ALL TO REMAIN)
- ④ BATTERY PACK MTD. AT SHIRT HEIGHT AS EXISTING.
- ⑤ SMOKE DETECTOR MTD. TOP OF STAIR WELL.
- ⑥ ALL ENT CONDUIT TO BE CW/PULLWAYS.
- ⑦ PROVIDE FLOW SWITCH, + WIRE TO RACP (C.A.)



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

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

ts 9333-47 STREET 2nd floor
Phone (403) 468-5477
EDMONTON ALTA. T6B 2R7
ELECTRICAL CONSULTANTS
TWS ENGINEERING LTD.

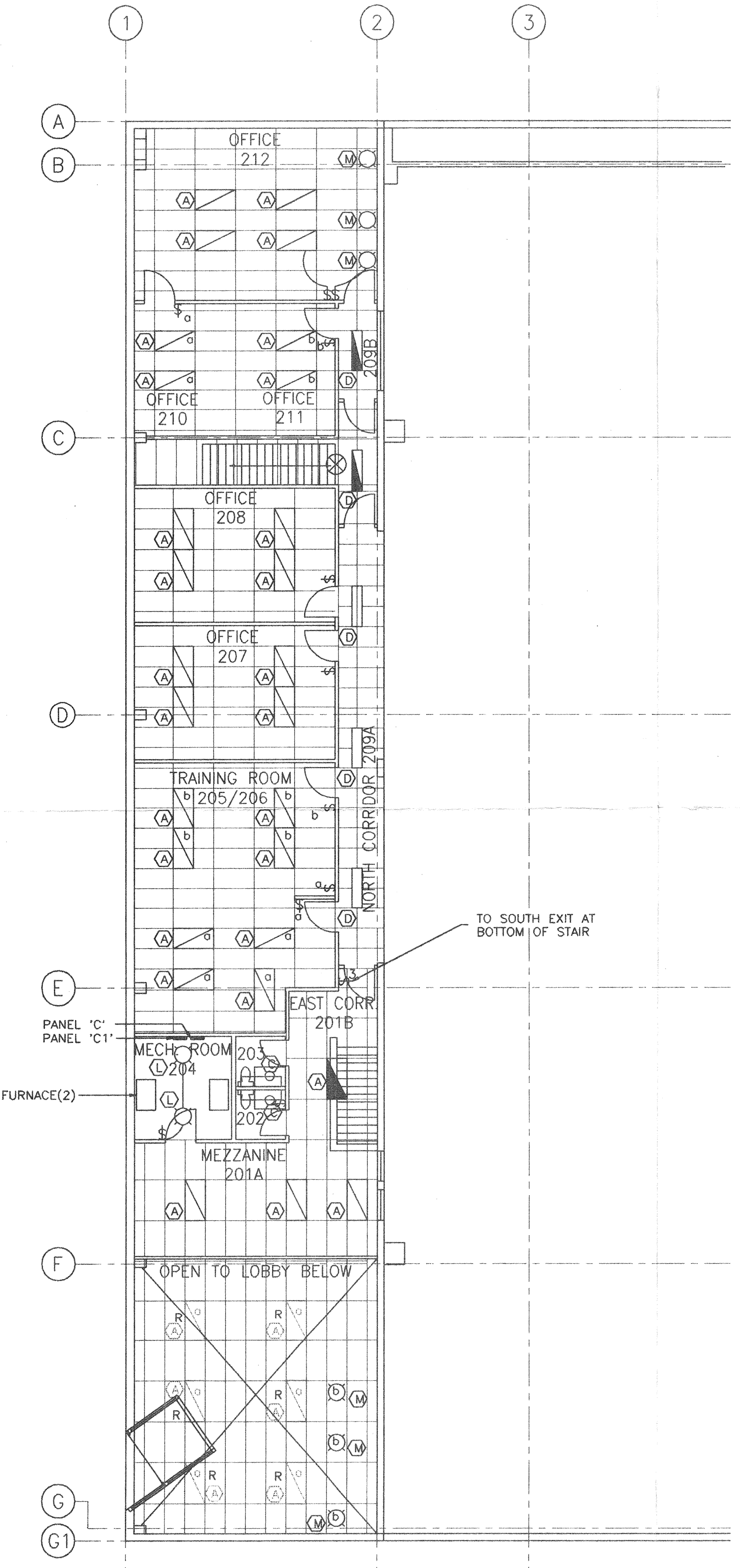
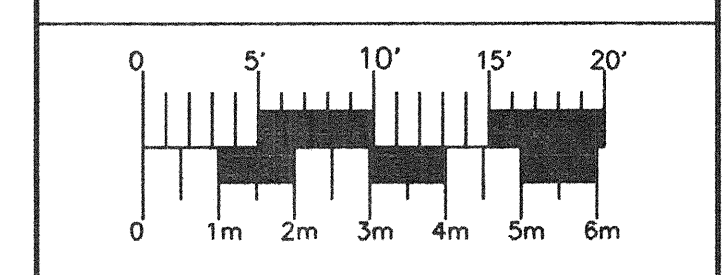


DEC. 7/82	ISSUED FOR FINAL CHECK	DV
NOV. 25/82	ISSUED FOR COMMENTS & 100% CHECK	DV
Date	Revision	By
Scale		

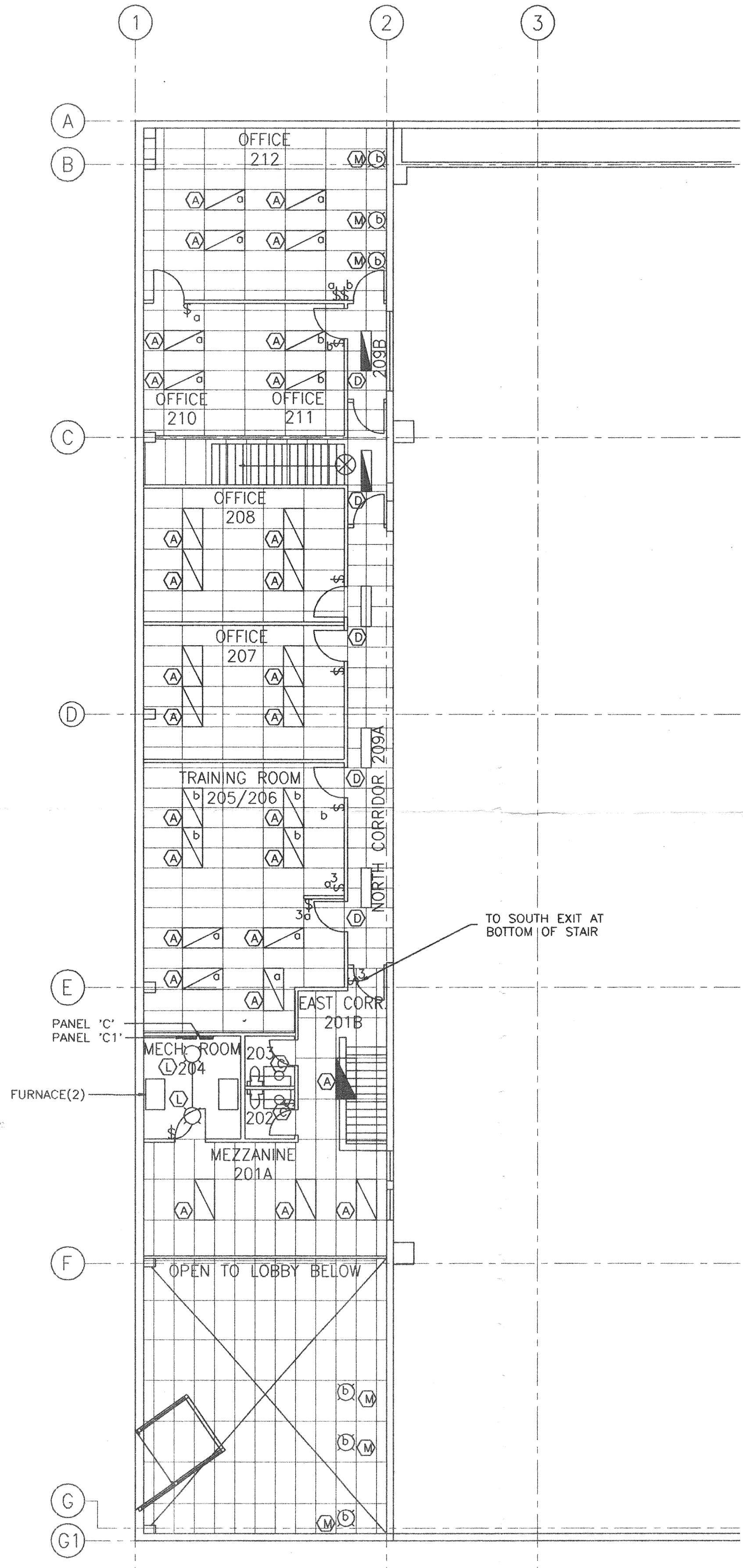
Site EDMONTON - ALBERTA
Title HANGER 1A
EDMONTON MUNICIPAL AIRPORT
EMERGENCY LIGHTING, EXIT LIGHTING,
& FIRE ALARM SYSTEM UPGRADING

Date	NOV 25/82	Office of Regional Manager, Construction Services
Drawn By	Checked By	Project No.
D.W.A.W.	T.W.S.	SEWIC 0086 (21)
Sheet	E 2 of 2	

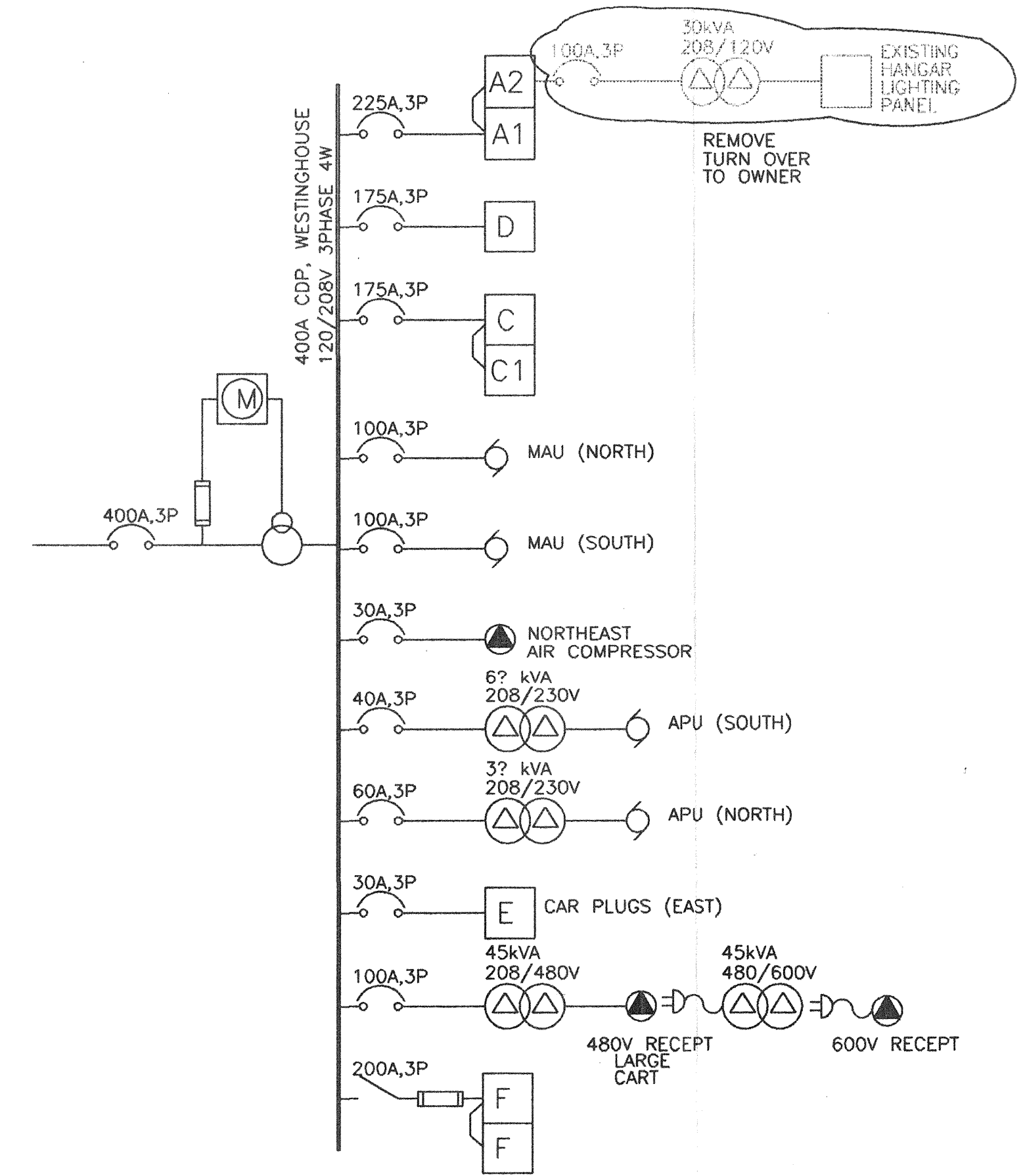
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EXISTING SECOND FLOOR PLAN
SCALE 1:100



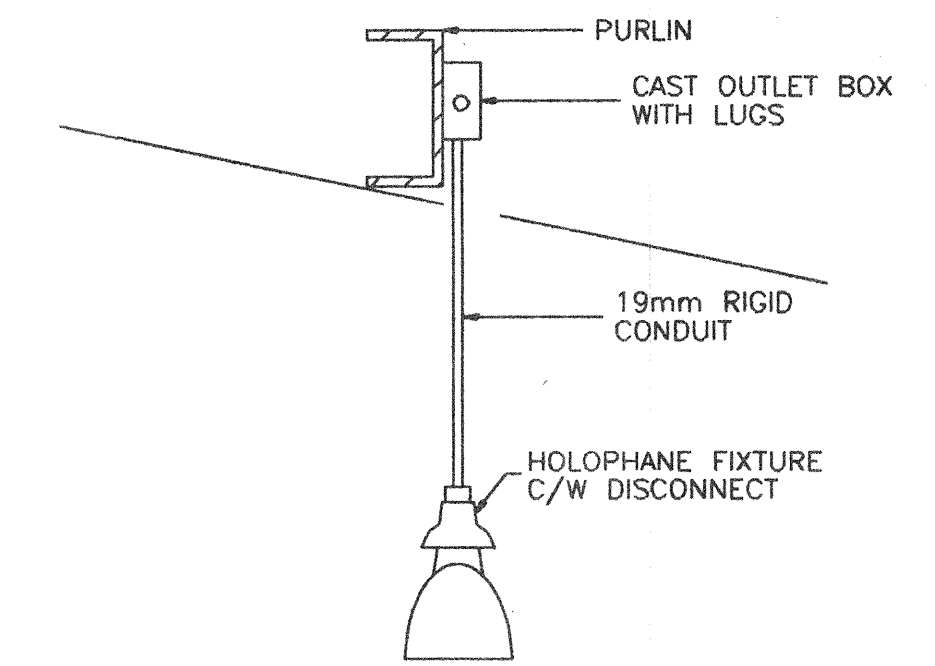
NEW SECOND FLOOR PLAN
SCALE 1:100



SINGLE LINE DIAGRAM

TYPE	DESCRIPTION	CHANGES
A	2x4 RECESSED FIXTURE	-
B	1x4 RECESSED FIXTURE	-
C	2 LAMP INDUSTRIAL FIXTURE	-
D	2 LAMP WRAP AROUND FIXTURE	REPLACE WITH 1x4 2 LAMP SURFACE MOUNTED FLAY LENS
E	1x8 CHAIN HUNG FIXTURE	REPLACE WITH 4 LAMP INDUSTRIAL TANDUM
F	MERCURY VAPOUR INCANDESCENT FIXTURE	REPLACE WITH FIBERGLASS FLUORESCENT LUMINAIRE
G	INDUSTRIAL REFLECTOR	REMOVED
H	INDUSTRIAL REFLECTOR	REMOVED
I	RECESSED INCANDESCENT POT LIGHT	REMOVED
J	RECESSED INCANDESCENT FIXTURE	-
K	RECESSED INCANDESCENT FIXTURE	-
L	RECESSED INCANDESCENT FIXTURE	-
M	RECESSED INCANDESCENT FIXTURE	-
N	WALL PACK FIXTURE	REPLACE WITH 70W HPS
O	VAPOUR LIGHT INCANDESCENT	REPLACE WITH 250W HPS
P	FLOOD LIGHT	-
Q	2 LAMP TANDUM INDUSTRIAL FIXTURE	-
R	400W METAL HALIDE INDUSTRIAL REFLECTOR	NEW
S	WALL MOUNTED FLUORESCENT FIXTURE	NEW
T	WALL MOUNTED FLUORESCENT FIXTURE	NEW
U	INDUSTRIAL FIXTURE C/W WALL BRACKET	NEW

LIGHTING SCHEDULE



TYPICAL DETAIL
FOR NEW INDUSTRIAL REFLECTOR

revision	date
A	
B	
C	

TRANSPORT CANADA
HANGAR 5
11936-109 ST.
EDMONTON, ALBERTA

drawing dessin
SECOND FLOOR PLAN
MODIFIED LIGHTING

DESIGNED	R DUNLOP	CONÇU
DATE	93.11.03	
DRAWN	R LEHMANN	DESSINÉ
DATE	93.11.03	
REVIEWED	B. TAYLOR	EXAMINÉ
DATE	93.11.03	
APPROVED		APPROUVÉ
DATE		
TENDER		SOUSSION
PWC PROJECT MANAGER		
PROJECT NUMBER	NO. DU PROJET	
	619112-X1	
DRAWING NUMBER	NO. DU DESSIN	
	E2	

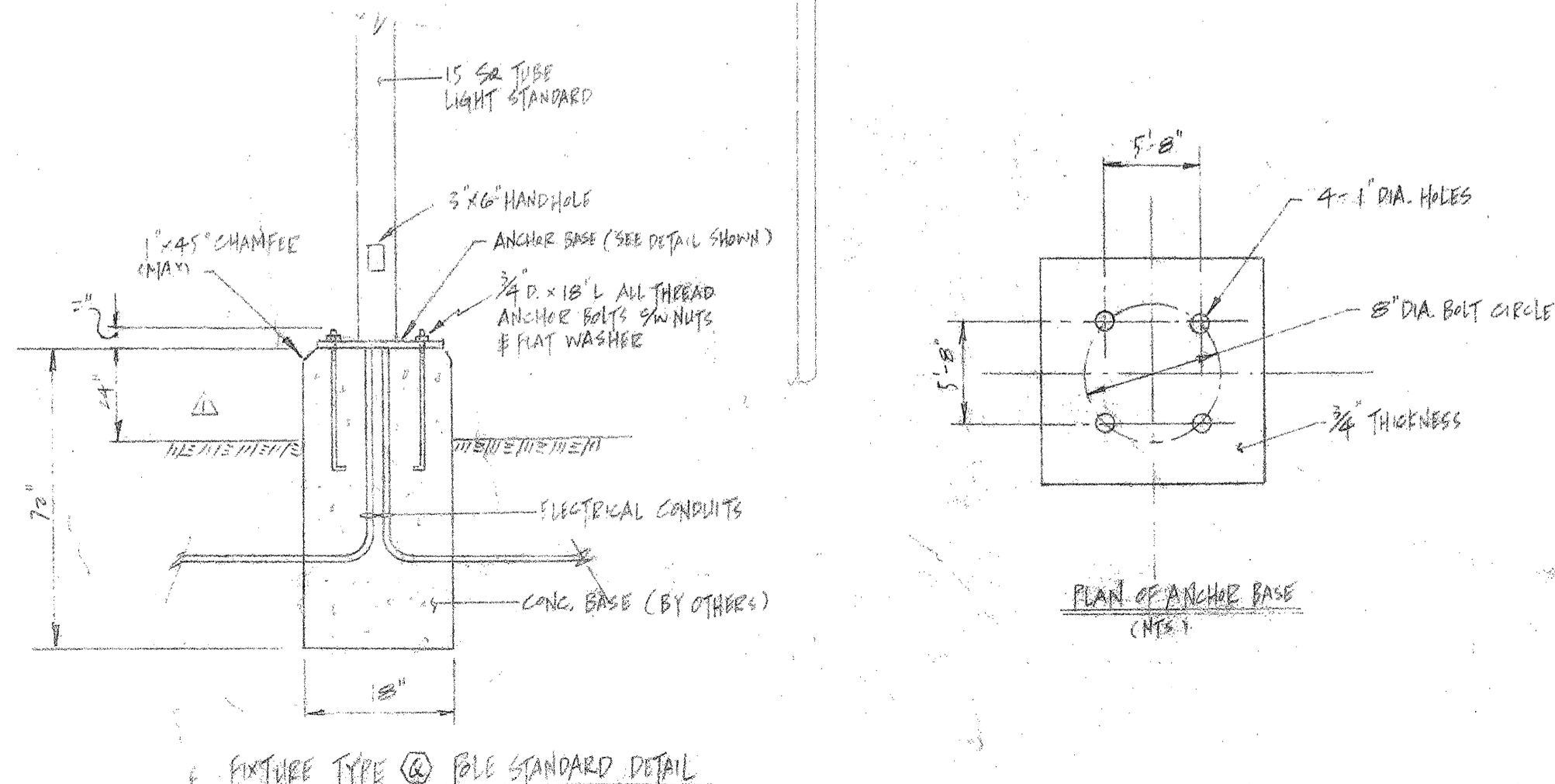
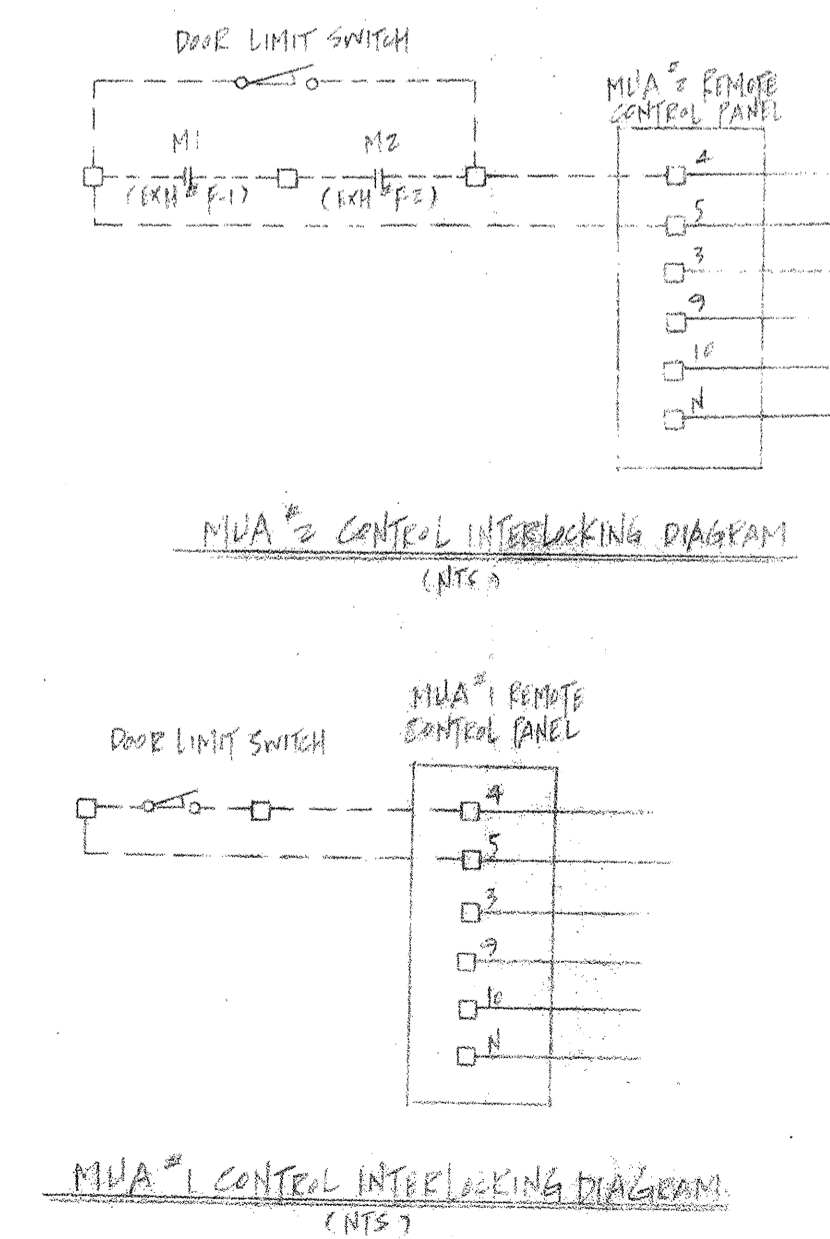
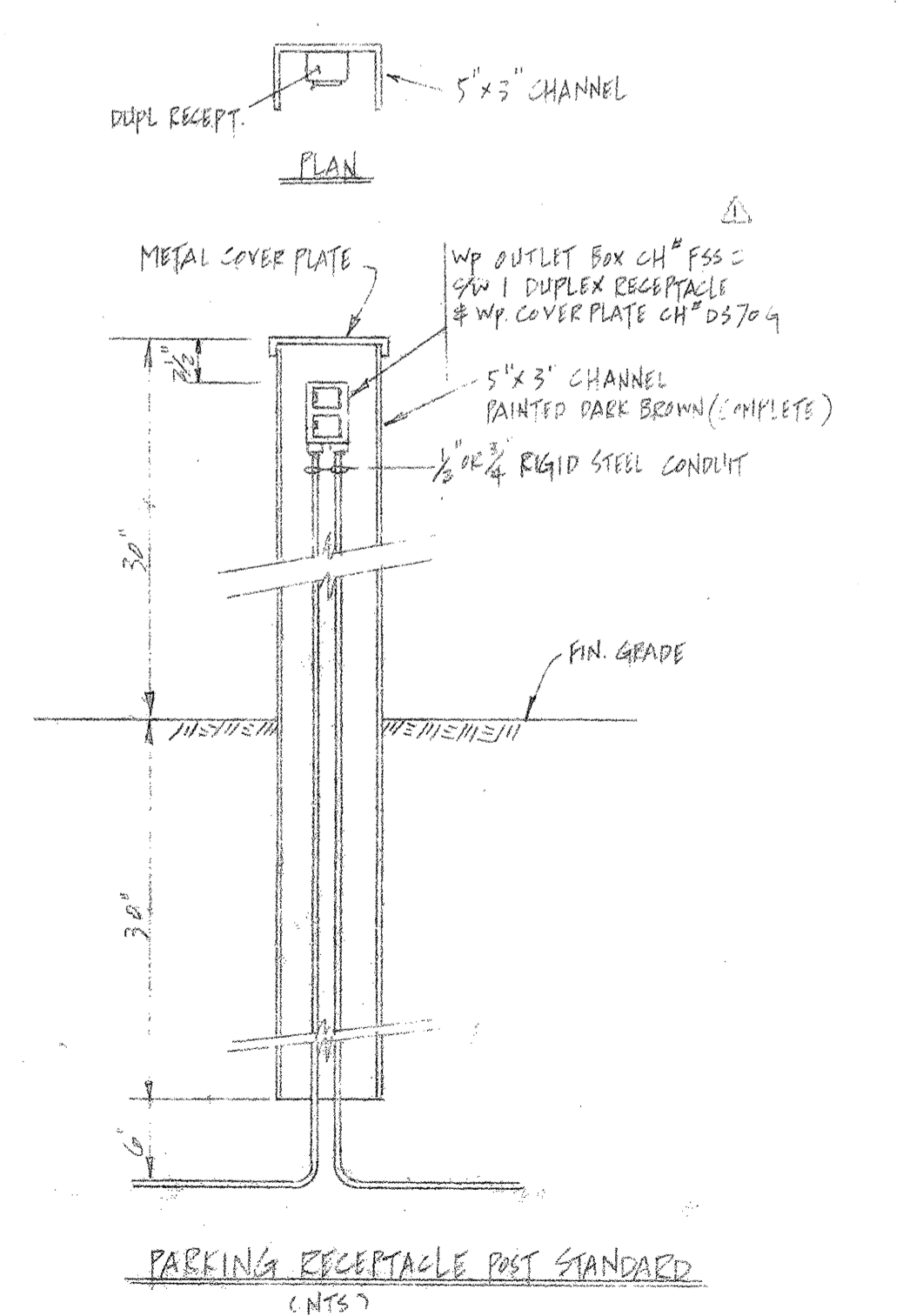
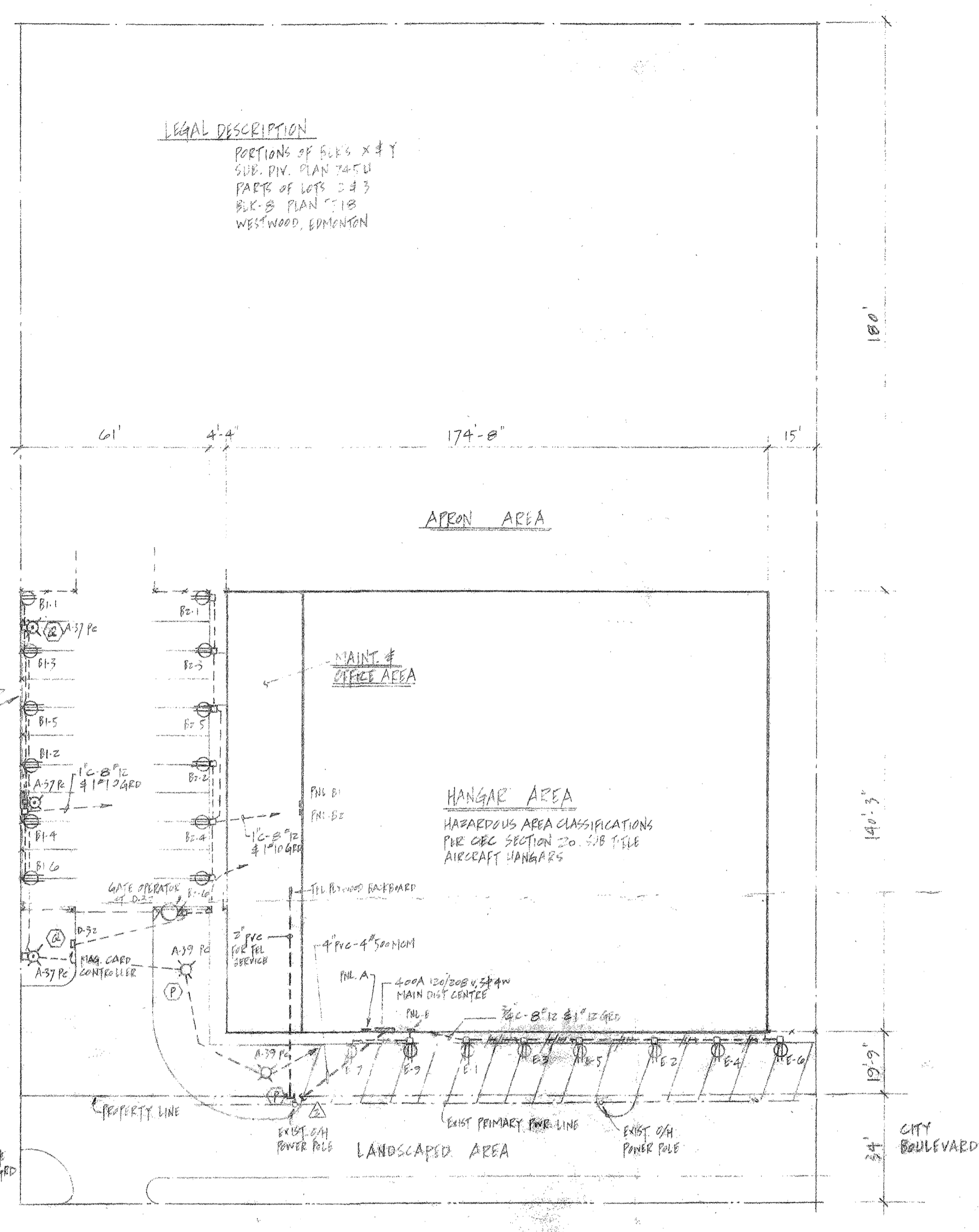
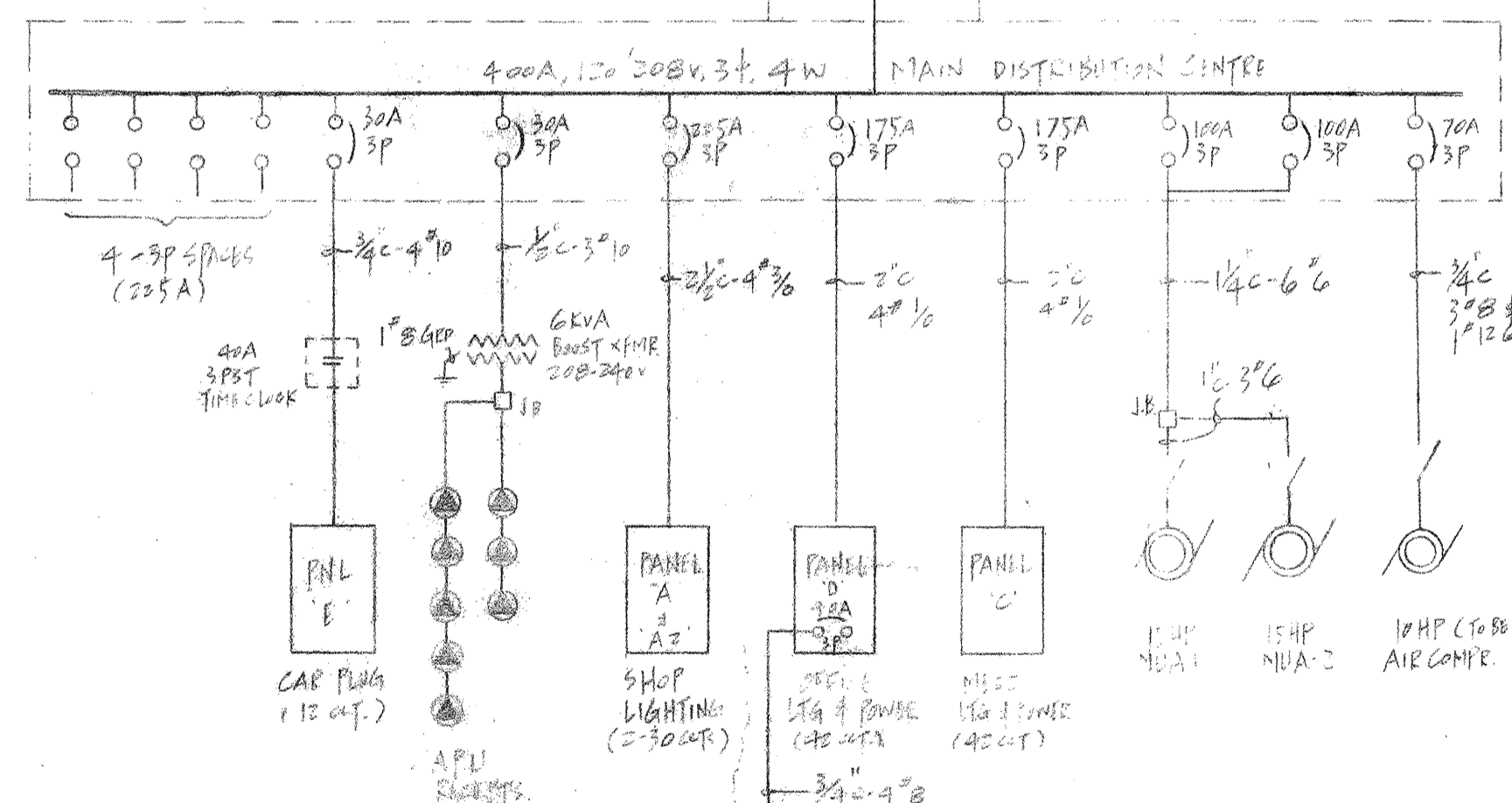
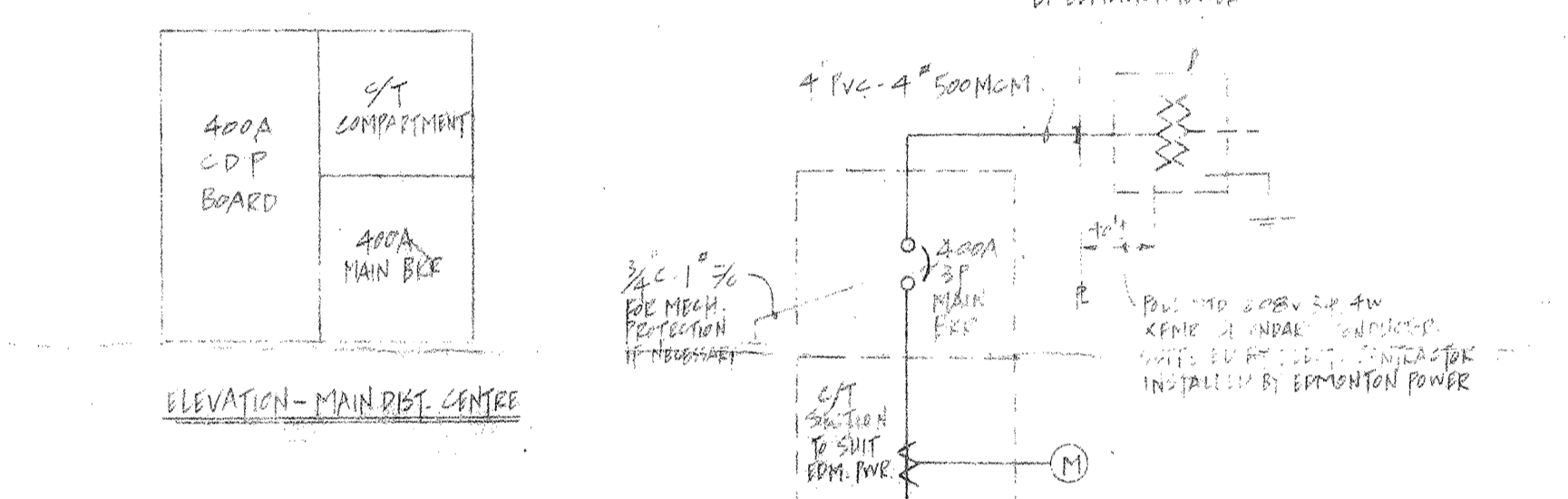
FIXTURE SCHEDULE

FIXT. TYPE	DESCRIPTION	MNTG.	SOURCE	SIZE	DIFFUSER	LAMPS	FINISH	REMARKS
A	#1 Ind. Floor. Westinghouse #B2100HOM-H0-120V	SUSPEND 26" AFF	FLUOR.	10"x96" x6"D.	DOME REFLECTOR	2 F96 CW-H0	STD.	
B	Westinghouse #FL45G4424A	FLUSH T-BAR	FLUOR.	24"x48"	12A ACRYLIC	4 F40CW	STD.	
C	Westinghouse #SW240A-120V	SURFACE	FLUOR.	9"x48"	12 ACRYLIC	2 F40CW	STD.	Offset R.O. for T-Bar
D	Westinghouse Indust. Fluor. #SP140A5	SURFACE	FLUOR.	48"		1 F40CW	STD.	
E	Spence #PHW 401	WALL MTD. 30" AFF	MERC.	18"x23"	GLASS	1 400W DXW	STD.	c/w Trunion Mtg.
F	Lighcolier - Lytecaster #1202/1222	FLUSH	INCAND.	9" Dia.	EYEBALL BAFFLE	1 150W PAR-SP	STD.	
G	Lighcolier - Lytecaster #1101/1122	FLUSH	INCAND.	9" Dia.	EYEBALL BAFFLE	1 75W R-30	STD.	
H	Columbia #4790	WALL MTD. 30" AFF	INCAND.	15"	DECOR GLASS	2 60W A-191F	STD.	
I	Holophane Wall Bracket #417	WALL MTD. 12" AFF	MERC.	11"x15"	PRISMATIC	1 175W DXW	STD.	
J	Double Obstruction Fixture Westinghouse #1569-338	STEM ON ROOF	INCAND.		RED PRISMATIC	2 ?	STD.	
K	Keyless	SURFACE	INCAND.			1 100W A-19-1F	STD.	
L	Westinghouse #FL45G4424A	FLUSH T-BAR	FLUOR.	12"x48"	12A ACRYLIC	2 F40CW	STD.	
M	Lighcolier - Lytecaster #1104/1105	FLUSH	INCAND.	6" Dia.	STEP BAFFLE	1 150W PAR.FL.	STD.	
N	NONE							
O	C.G.E. #QF-500M	GRD. MTD. TRUNION	QUARTZ	11"x12"	GLASS	1 Q500 T3/CL	STD.	c/w Top wiper and side shields
P	Westinghouse TYPE ABS25	POLE MTD.	MERC.	16"x30"	TYPE III Dist.	1 175W DXW	DARK BROWN	c/w 15" sq. pole and extend arm bracket

PANEL SCHEDULE

PANEL DES.	TUB SIZE (CCT)	LOCATION	MNTG.	CAB. ENT.	BUS CAR (AMP)	VOLT	P	R	FEEDER	BRANCH BREAKERS						REMARKS
										15A	20A	30A	40A	50A	OTHER	
A	EA-48 30	HANGER	SURFACE	TOP	225	120/208	3	4	2 1/2" C 4 #3/0	22-1P	35-1P					PNL A to be c/w double lugs.
B1	12	WORK SHOP MAIN FLR.	SURFACE	Bottom	100	120/208	3	4	3/4" C 4 #8	6-1P						
B2	12	WORK SHOP MAIN FLR.	SURFACE	Bottom	100	120/208	3	4	3/4" C 4 #8	6-1P						
C	42	FURNACE RM.	SURFACE	Bottom	225	120/208	3	4	2" C 4 #1/0	13-1P	1-3P	4-3P				
D	42	WORK SHOP MAIN FLR.	SURFACE	Bottom	225	120/208	3	4	2" C 4 #1/0	20-1P	1-1P	1-3P	3-2P			
E	12	HANGER	SURFACE	TOP	100	120/208	3	4	3/4" C 4 #8	8-1P						

LEGEND		SWITCHES	
RACEWAYS		<ul style="list-style-type: none"> ○ SINGLE POLE IDENTIFICATION "S" ○ 2 AND 4 WAY ○ LOW VOLTAGE AND BREAK TYPE ○ KEY OPERATED 	
<ul style="list-style-type: none"> — EXPOSED CONDUIT RUN - - - CONCEALED CONDUIT RUN — HOME RUN — ONE NEUTRAL, TWO PHASE & ONE GROUND — RUN UP — RUN DOWN — UNDERFLOOR DUCT ○ JUNCTION OR OUTLET BOX — SEAL 		RECEPTACLES	
PANELS		<ul style="list-style-type: none"> ○ 120V SINGLE ○ 120V FLOOR MOUNTED ○ 120V DUPLEX, MOUNTED +12" AFF ○ 120V DUPLEX, SPLIT WIRED ○ 120V FOUR-FLX., MOUNTED +12" AFF ○ SPECIAL 120V RAZOR ○ 120V DUPLEX, MOUNTED +42" AFF ○ 208V OR 240V 1Ø, MOUNTED +42" AFF ○ 208V OR 240V 3Ø, MOUNTED +42" AFF ○ 460V OR 575V 1Ø, MOUNTED +42" AFF ○ 460V OR 575V 3Ø, MOUNTED +42" AFF ○ CEILING CLOCK OUTLET & HANGER ○ WALL MOUNTED CLOCK OUTLET & HANGER 	
LIGHTING FIXTURES		MOTOR PROTECTION & CONTROL	
<ul style="list-style-type: none"> ○ INCANDESCENT - SURFACE OR SUSPENDED ○ HID - SURFACE OR SUSPENDED ○ FLUORESCENT - SURFACE OR SUSPENDED ○ FLUORESCENT STRAIGHT - SURFACE OR SUSPENDED ○ INCANDESCENT - FLUSH MOUNTED ○ HID - FLUSH MOUNTED ○ FLUORESCENT - FLUSH MOUNTED ○ INCANDESCENT - WALL MOUNTED ○ FLUORESCENT - WALL MOUNTED ○ EXIT LIGHT C/W DIRECTIONAL ARROW(S) ○ EMERGENCY LIGHTING UNIT 		<ul style="list-style-type: none"> ○ MANUAL MOTOR STARTER ○ MAGNETIC MOTOR STARTER ○ COMBINATION MAGNETIC MOTOR STARTER ○ FUSED SWITCH ○ UNFUSED DISCONNECT SWITCH ○ FREQ. HP MANUAL MOTOR STARTER 9W P/L & O/L ○ SINGLE PHASE MOTOR LOCATION ○ THREE PHASE MOTOR LOCATION ○ PUSH BUTTON CONTROL STATION ○ STOP/START PUSH BUTTON CONTROL STATION ○ THERMOSTAT LOCATION 	
TELEPHONE SYSTEM			
<ul style="list-style-type: none"> ○ WALL MOUNTED OUTLET +12" AFF ○ FLOOR MOUNTED OUTLET 			



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ELECTRO-MECHANICAL DESIGN LTD.
ELECTRICAL AND MECHANICAL ENGINEERS
EDMONTON ALBERTA
FOR
INDUSTRIAL POWER INSTALLATIONS (EDMONTON) LTD.

CAMWIL
11420-142 STREET, EDMONTON, ALBERTA T5M 1V1
PHONE (403) 452-7910 TELEX. 037-3375

Revisions		
Date	Number	Description
5 JUN 78	1	ISSUED FOR CONSTRUCTION
17/6/78	2	ADD FIXTURE TYPE M, REVISED POLE BASE & SERVICE DETAIL
28/6/78	3	REVISED SECONDARY SERVICE FEEDER SCHEDULE

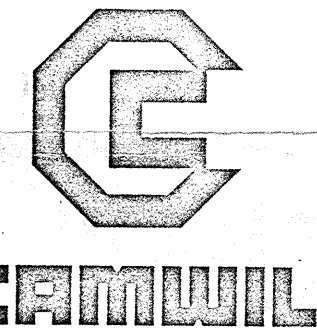
THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF ALBERTA
PERMIT NUMBER P 774
ELECTRO-MECHANICAL DESIGN LTD.

Title: **SITE PLAN & SINGLE LINE DIAGRAM**
Client: **G.C. PROPERTIES LTD**
Description: **INDUSTRIAL AIRPORT HANGAR**
Job No: **EE-384** Date: **MAY 78**
Drawn by: **AC** Approved by: **AC**
Print Date: **AC** Scale: **AS NOTED**

Drawing Number: **E-1 of 2**

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 EDMONTON ALBERTA
 FOR
INDUSTRIAL POWER INSTALLATIONS (EDMONTON) LTD.



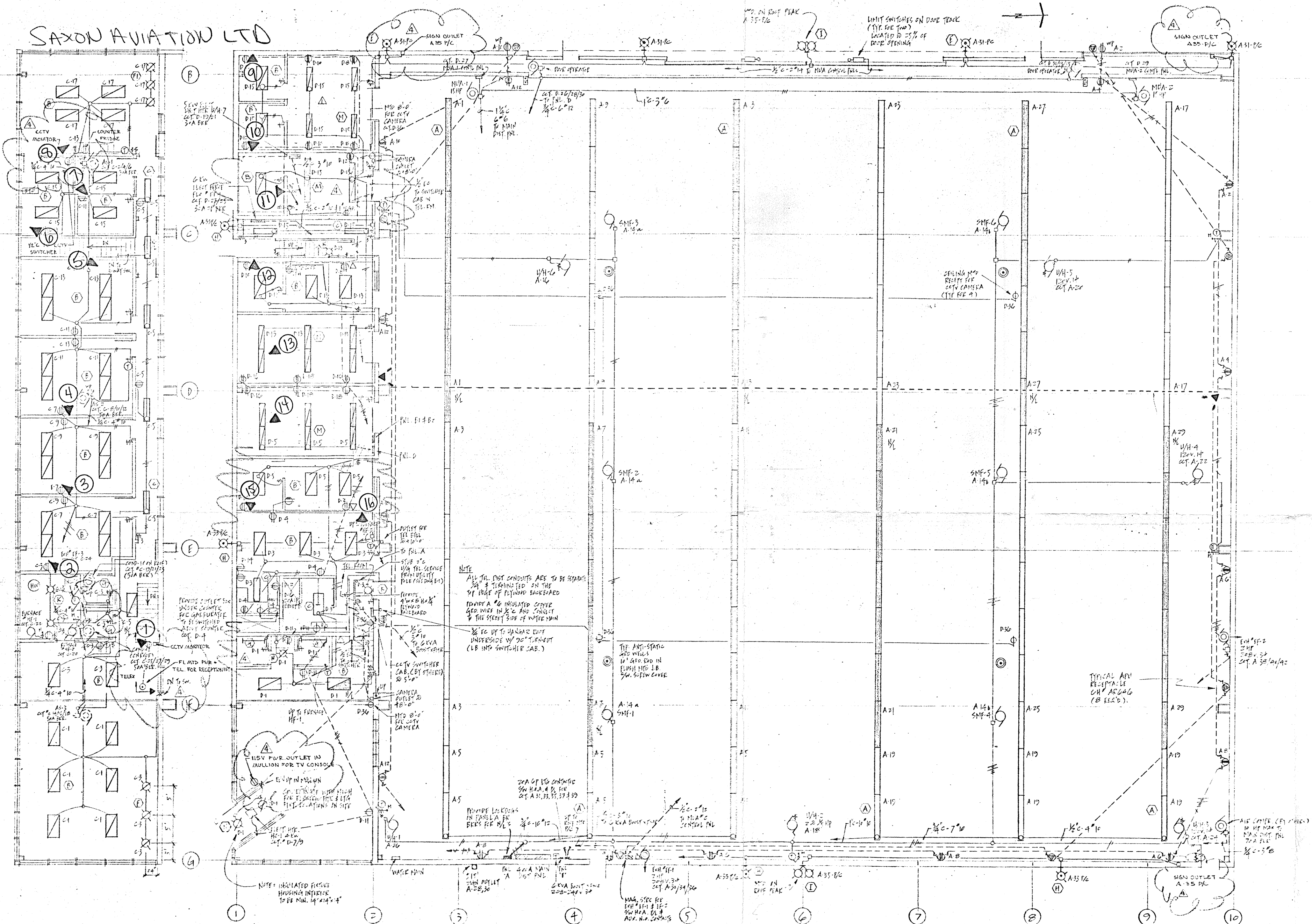
11420-142 STREET, EDMONTON, ALBERTA T5M 1V1
 PHONE (403) 452-7910 TELEX: 037-3375

Date	Number	Revisions Description
5/14/78	0	ISSUED FOR CONSTRUCTION
11/6/78	1	REVISED FOR LTR
12/17/78	2	ELIMINATED WORK TO OFFICE 210
2/21/79	3	REVISED LGA SET ON HANGAR AC/B/A
20/9/78	4	PER CHANGE ORDER No 16

Stamp: THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF ALBERTA
 PERMIT NUMBER P 7771
 ELECTRO-MECHANICAL DESIGN LTD.

Title: **ELECTRICAL LAYOUT**
 Client: **G.C. PROPERTIES LTD**
 Description: **INDUSTRIAL AIRPORT HANGAR**
 Job No: **EE-364** Date: **MAY 78**
 Drawn by: _____ Approved by: _____
 Print Date: _____ Scale: **AS NOTED**

SAXON AVIATION LTD



MEZZANINE FLOOR PLAN
 (SCALE: 1/8" = 1'-0")

11936 109 st. Saxon Aviation Ltd. MAIN FLOOR PLAN - ELECTRICAL LAYOUT
 (SCALE: 1/8" = 1'-0")

PLUMBING		VENTILATION		HEATING	
SANITARY SEWER EXPOSED		SUPPLY AIR DUCT		HEATING SUPPLY	
SANITARY SEWER BURIED		EXHAUST AIR DUCT		HEATING RETURN	
STORM SEWER EXPOSED		RETURN AIR DUCT		GRADE UP - IN DIRECTION OF ARROW	
STORM SEWER BURIED		SUPPLY AIR GRILLE		CONNECTION TO MAIN FROM TOP	
PLUMBING VENT LINE		RETURN AIR GRILLE		CONNECTION TO MAIN FROM BOTTOM	
DOMESTIC COLD WATER		EXHAUST AIR GRILLE		CONNECTION TO MAIN FROM SIDE	
DOMESTIC HOT WATER		DIFFUSER - SQUARE		UNION	
DOMESTIC HOT WATER RECIRC		OPPOSED BLADE BALANCING DAMPER		STRAINER	
GAS LINE		SPLITTER DAMPER		CHECK VALVE	
FIRE LINE		FIRE DAMPER		GATE VALVE	
CLEAN OUT				LOCKSHIELD VALVE (GATE)	
TRAP				GLOBE VALVE	
RUNNING TRAP WITH HUB CLEAN OUT				PRESSURE RELIEF VALVE	
PLUG VALVE				MOTORIZED VALVE	
FLOOR DRAIN				THREE-WAY CONTROL VALVE	
HUB DRAIN				ROOM THERMOSTAT	
ROOF HOPPER					

ABBREVIATION	
F.D.	FIRE DAMPER
RWL	RAIN WATER LEADER
R.D.	ROOF DRAIN
B.D.D.	BACK DRAFT DAMPER
S/A	SUPPLY AIR
R/A	RETURN AIR
E/A	EXHAUST AIR
O.B.D.	OPPOSED BLADE DAMPER
B.D.D.	BACK DRAFT DAMPER
SF	SPRINKLER
G/W	COMPLETED WITH

LEGEND	
	REGISTER, DIFF. TYPE
	SIZE
	CAPACITY
	RADIATION TYPE
	RATE OF RADIATION IN KW
	COOLING THERMOSTAT
	HUMIDIFIER CONTROLLER
	DRY CHEMICAL EXTINGUISHER
	CEILING MOUNTED INCANDESCENT FIXTURE
	FLUORESCENT LIGHT FIXTURE
	RECESSED FLUORESCENT FIXTURE
	SPRINKLER HEAD FACING UP
	SPRINKLER HEAD FACING DOWN
	SPRINKLER LINE

GENERAL NOTES :

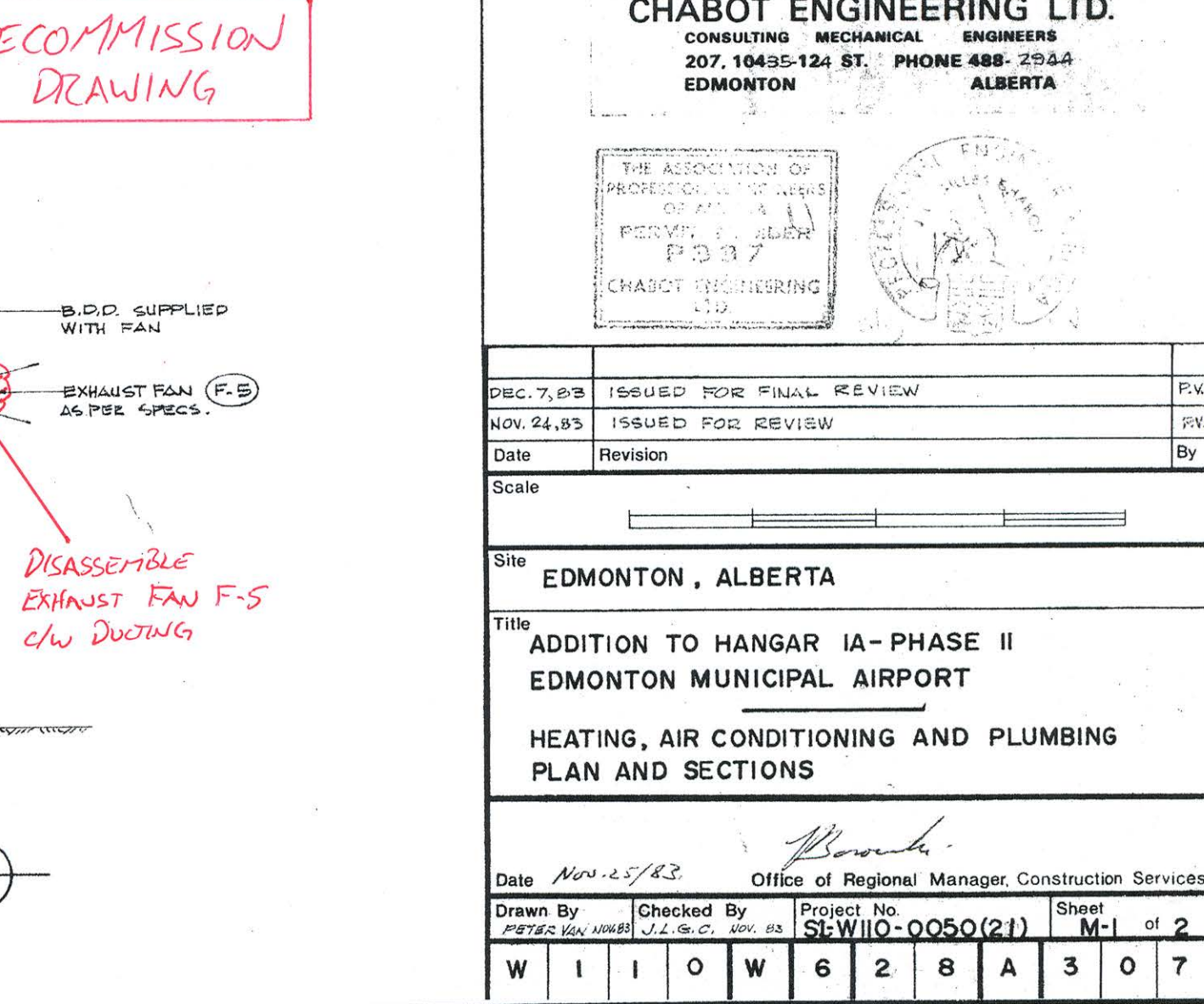
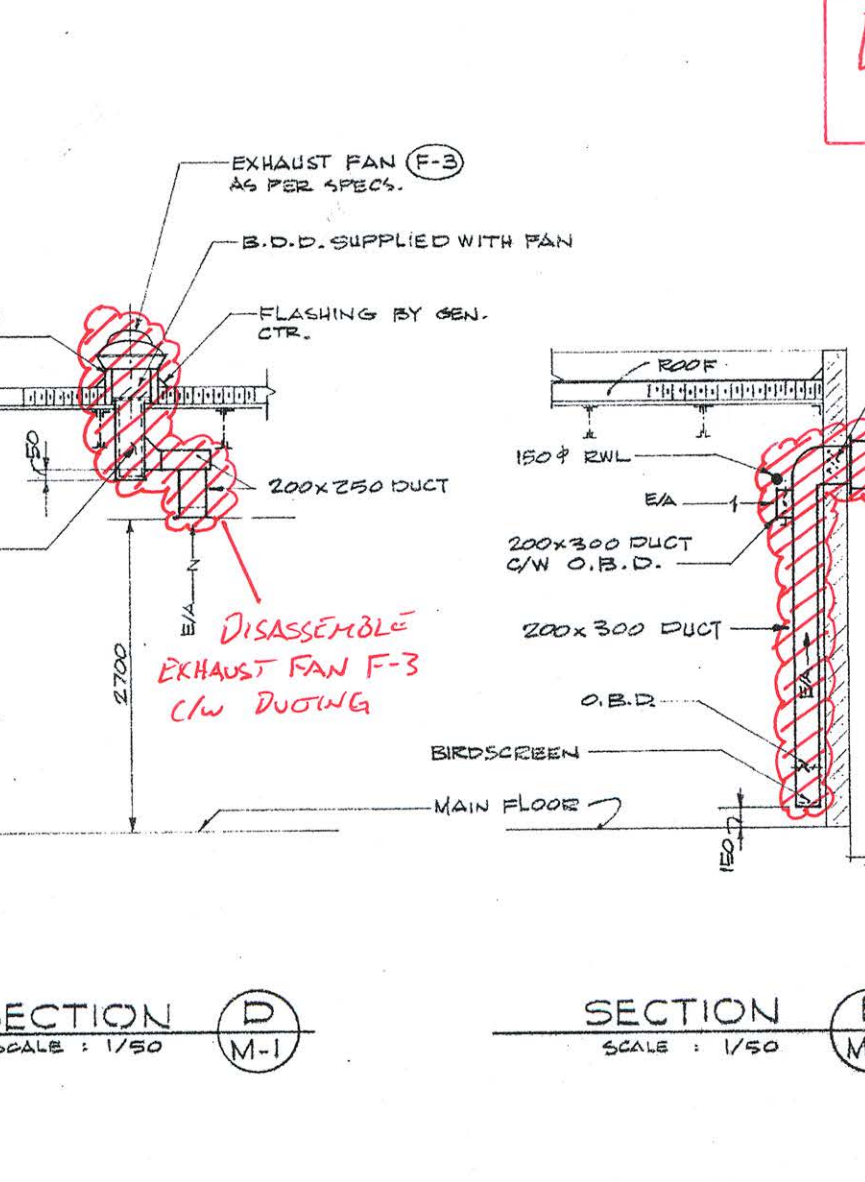
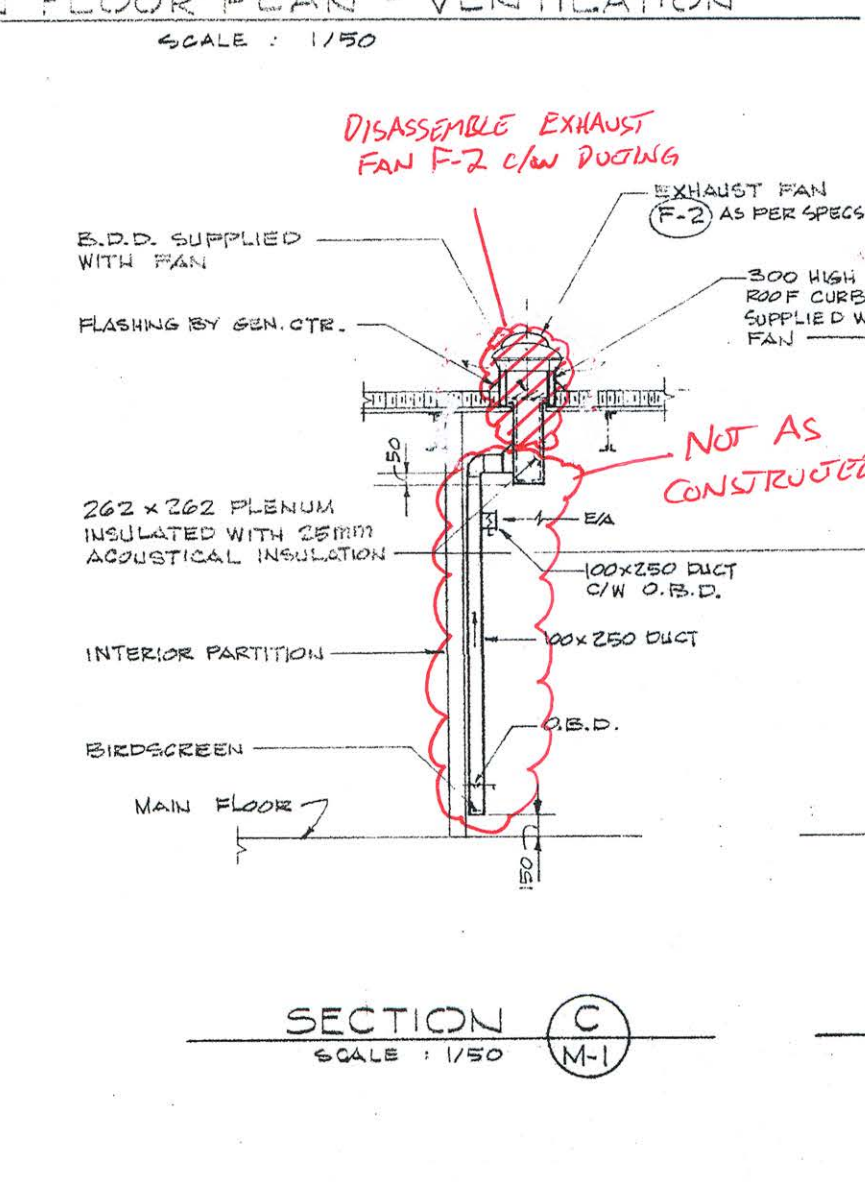
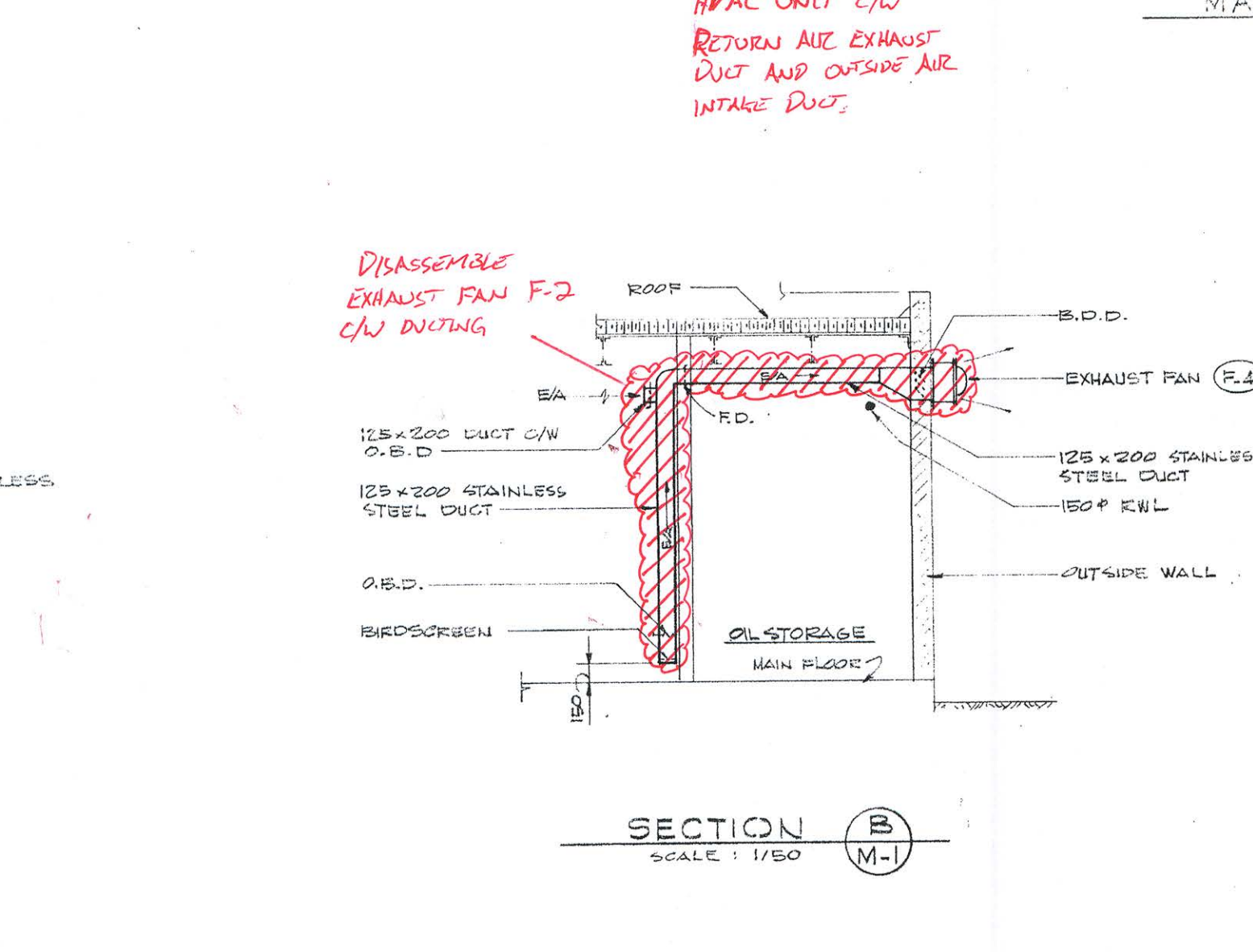
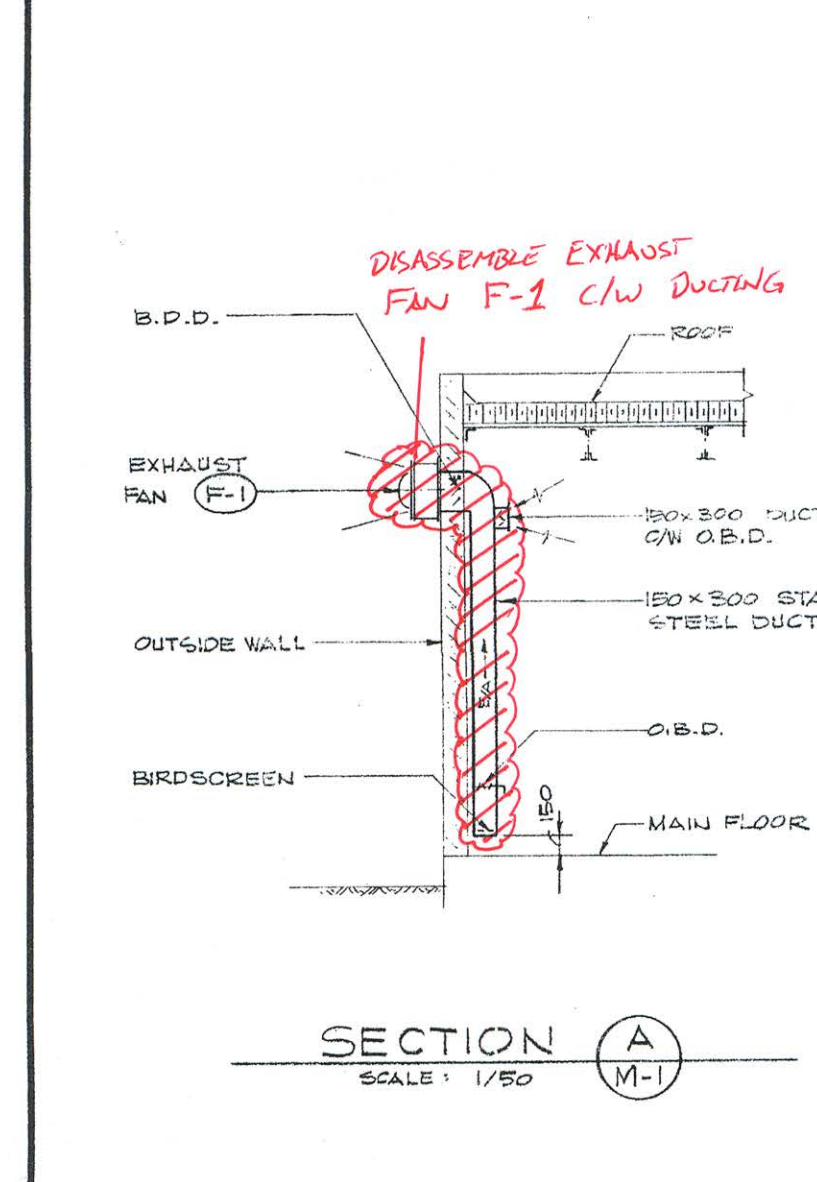
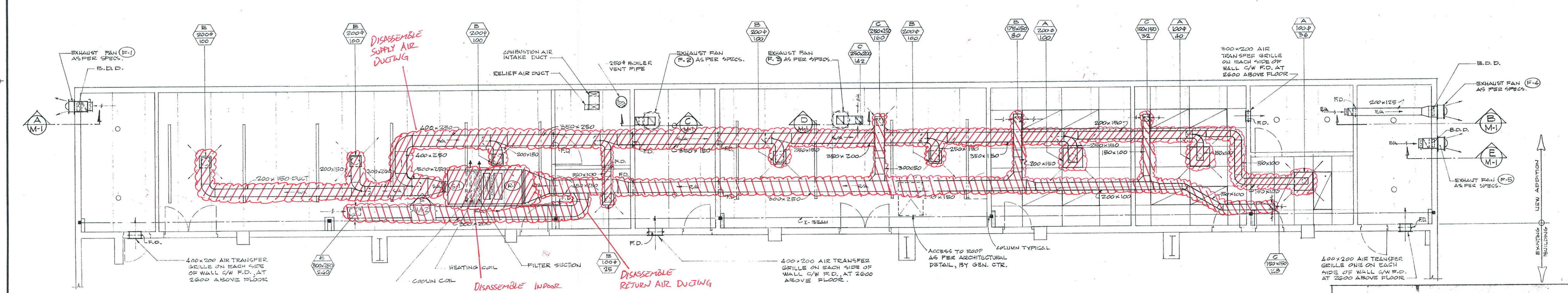
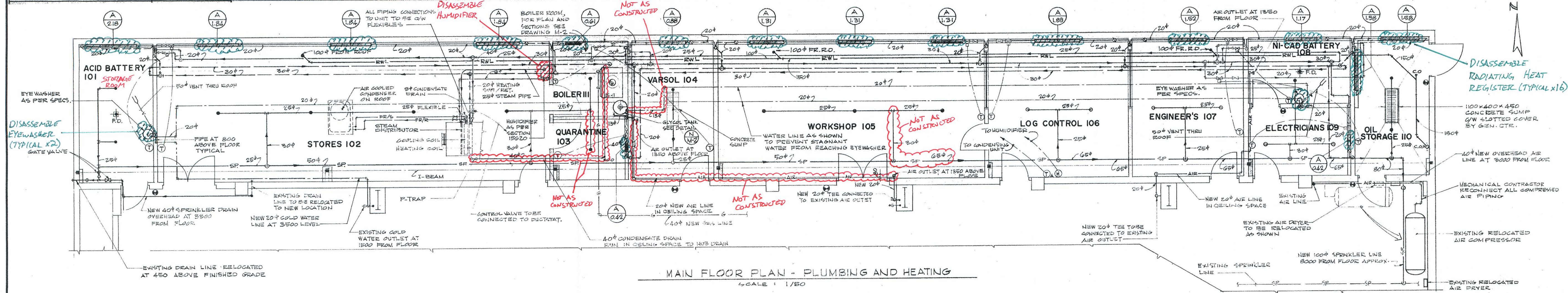
- ALL EXHAUST DUCTS WITHIN 2000 OF OUTLET TO BE INSULATED WITH 50 INSULATION AS PER SPECIFICATIONS.
 - ALL AIR DIFFUSERS AT EXPOSED CEILING TO BE INSTALLED AT 2700 LEVEL.
 - SPRINKLER SYSTEM SHALL BE BASED ON ORDINARY HAZARD.
 - ALL FIRE DAMPERS TO BE COMPLETE WITH ACCESS DOOR BY MECHANICAL CONTRACTOR.
- (Handwritten notes in red and blue ink):*
 - INDICATES GENERAL AREA OF DISASSEMBLY SCOPE FOR MECHANICAL
 - INDICATES GENERAL AREA OF DISASSEMBLY SCOPE FOR PIPING

Transport Canada
 Air

Transport Canada
 Air

CONSTRUCTION SERVICES BRANCH
 Western Region
 Edmonton Alberta

- NOTES:
- DRAWING HAS BEEN MARKED UP WITH DECOMMISSION DETAILS ONLY. THIS DRAWING SHALL NOT BE USED FOR RE-CONSTRUCTION PURPOSES.
 - THE MARKUPS ON THIS DRAWING DO NOT COVER THE FULL SCOPE OF DISASSEMBLY. REFER CWP #617352-0000-400W-0001 FOR FULL DETAILS.



DECOMMISSION DRAWING

CHABOT ENGINEERING LTD.
 CONSULTING MECHANICAL ENGINEERS
 207, 10435-124 ST. PHONE 488-2924
 EDMONTON ALBERTA

THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF ALBERTA
 REG. NO. 1111
 CHABOT ENGINEERING LTD.

DEC. 7, 03	ISSUED FOR FINAL REVIEW	EW
NOV. 24, 03	ISSUED FOR REVIEW	EW
Date	Revision	By
Scale		

Site: EDMONTON, ALBERTA
 Title: ADDITION TO HANGAR 1A - PHASE II
 EDMONTON MUNICIPAL AIRPORT
 HEATING, AIR CONDITIONING AND PLUMBING
 PLAN AND SECTIONS

Date: Nov. 12, 03
 Office of Regional Manager, Construction Services
 Drawn By: [Signature] Checked By: [Signature] Project No: SE-1110-0050(2/1) Sheet: M-1 of 2

W I I O W 6 2 8 A 3 0 7

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--- INDICATES GENERAL AREA OF DISASSEMBLY SCOPE FOR MECHANICAL

- NOTES:
1. DISASSEMBLE 2x FURNACES HF-1 & HF-2, 1x HOT WATER TANK HW-1, AND 1x EXHAUST FAN EF-3, COMPLETE WITH ASSOCIATED COMPONENTS. THESE ITEMS ARE NOT SHOWN AS CONSTRUCTED IN THIS DRAWING.
 2. DRAWING HAS BEEN MARKED UP WITH DECOMMISSION DETAILS ONLY. THIS DRAWING SHALL NOT BE USED FOR RE-CONSTRUCTION PURPOSES.
 3. THE MARKUPS ON THIS DRAWING DO NOT COVER THE FULL SCOPE OF DISASSEMBLY. REFER CWP # 617352-0000-45PX-001 FOR FULL DETAILS.

ELECTRO-MECHANICAL DESIGN LTD.
 ELECTRICAL AND MECHANICAL ENGINEERS
 EDMONTON ALBERTA
 FOR
INDUSTRIAL POWER INSTALLATIONS (EDMONTON) LTD.

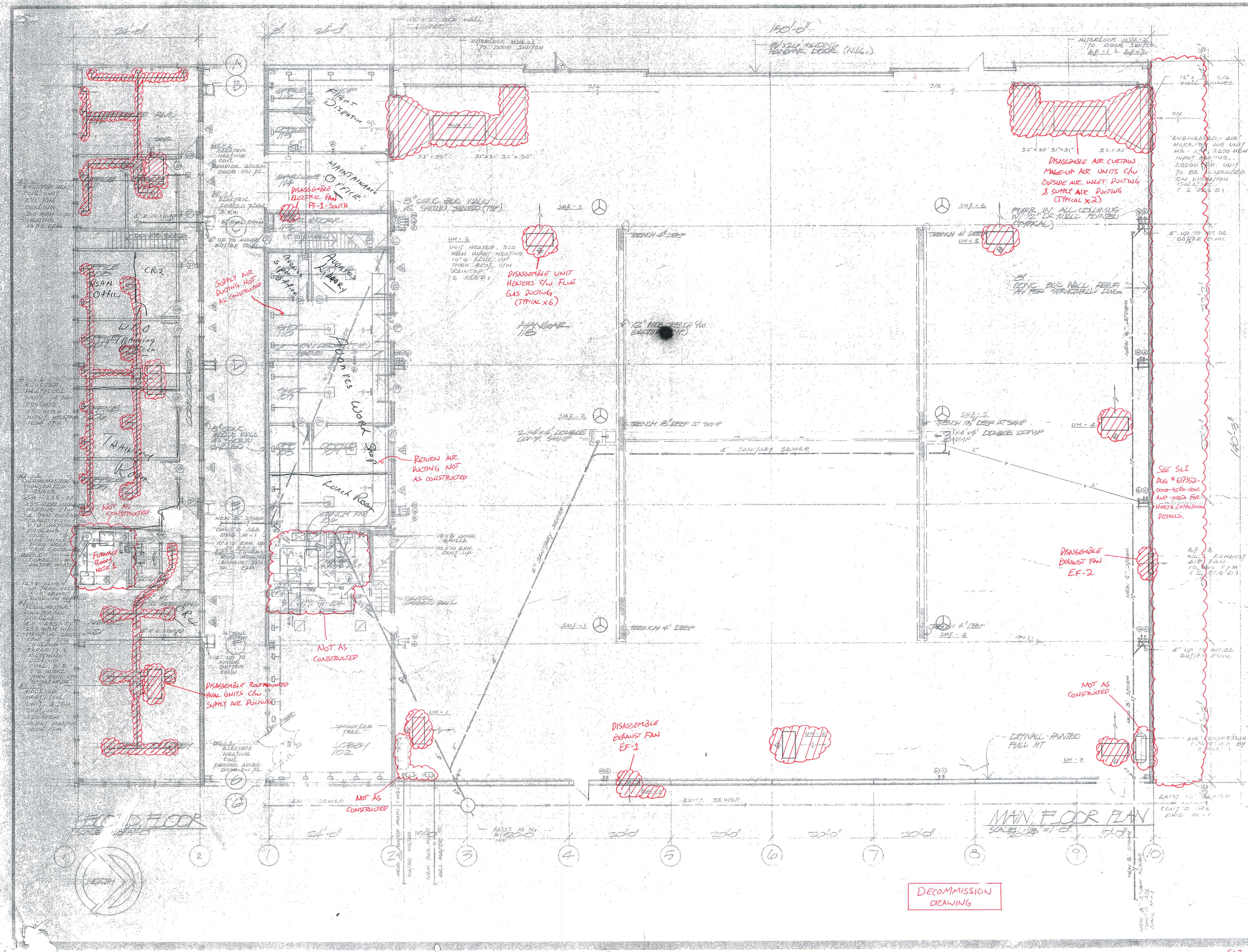
CAMWIL
 11420-142 STREET, EDMONTON, ALBERTA T6E 2E1
 PHONE (403) 452-7910 TELEX 037 3375

Date	Number	Revision Description

Stamp

Title: **PROPOSED INDUSTRIAL MARKET HALL**
 Client: **GENERAL CONSOLIDATED PROPERTIES LTD.**
 Designer: **MAIN AND SECOND FLOOR PLANS**

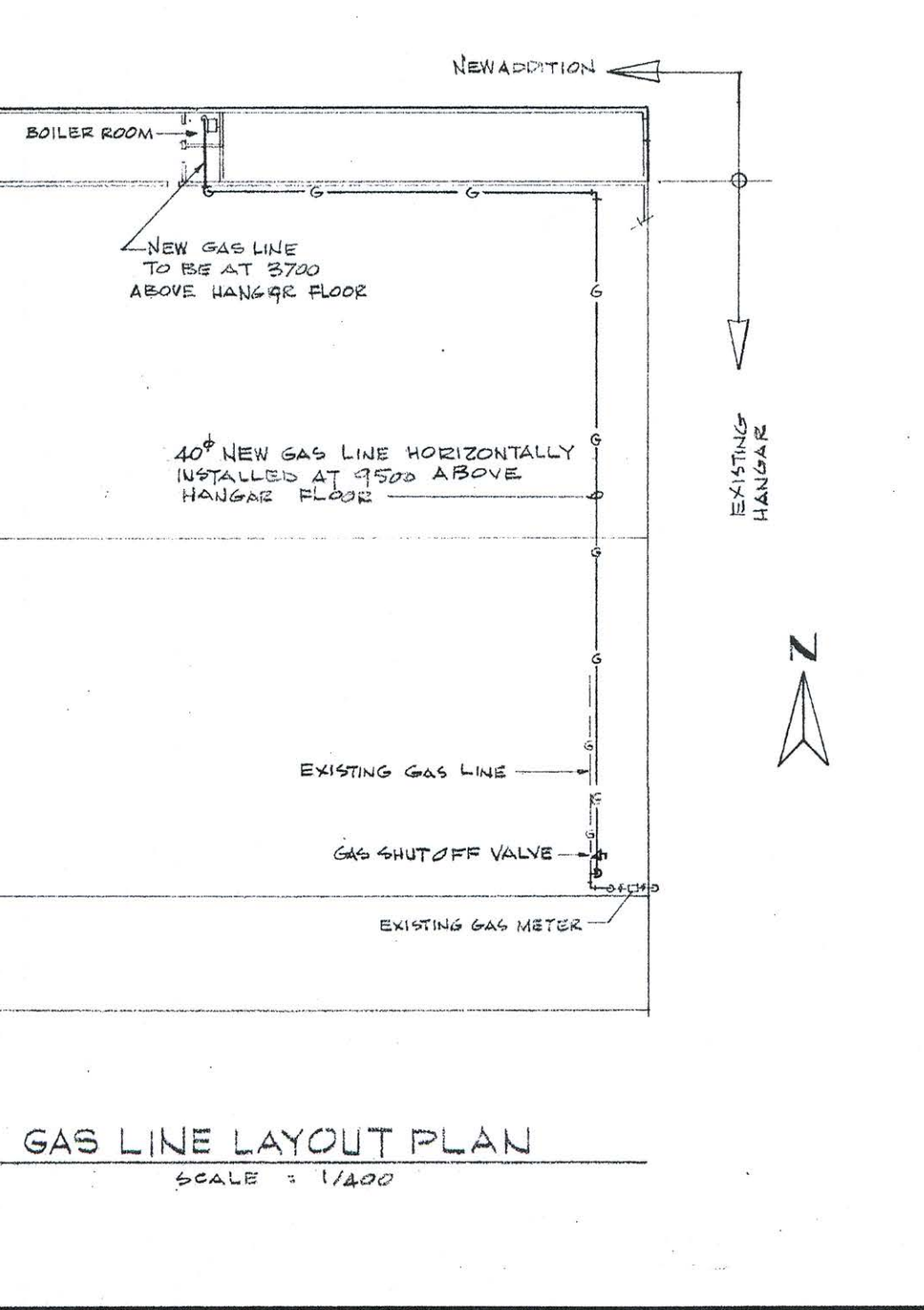
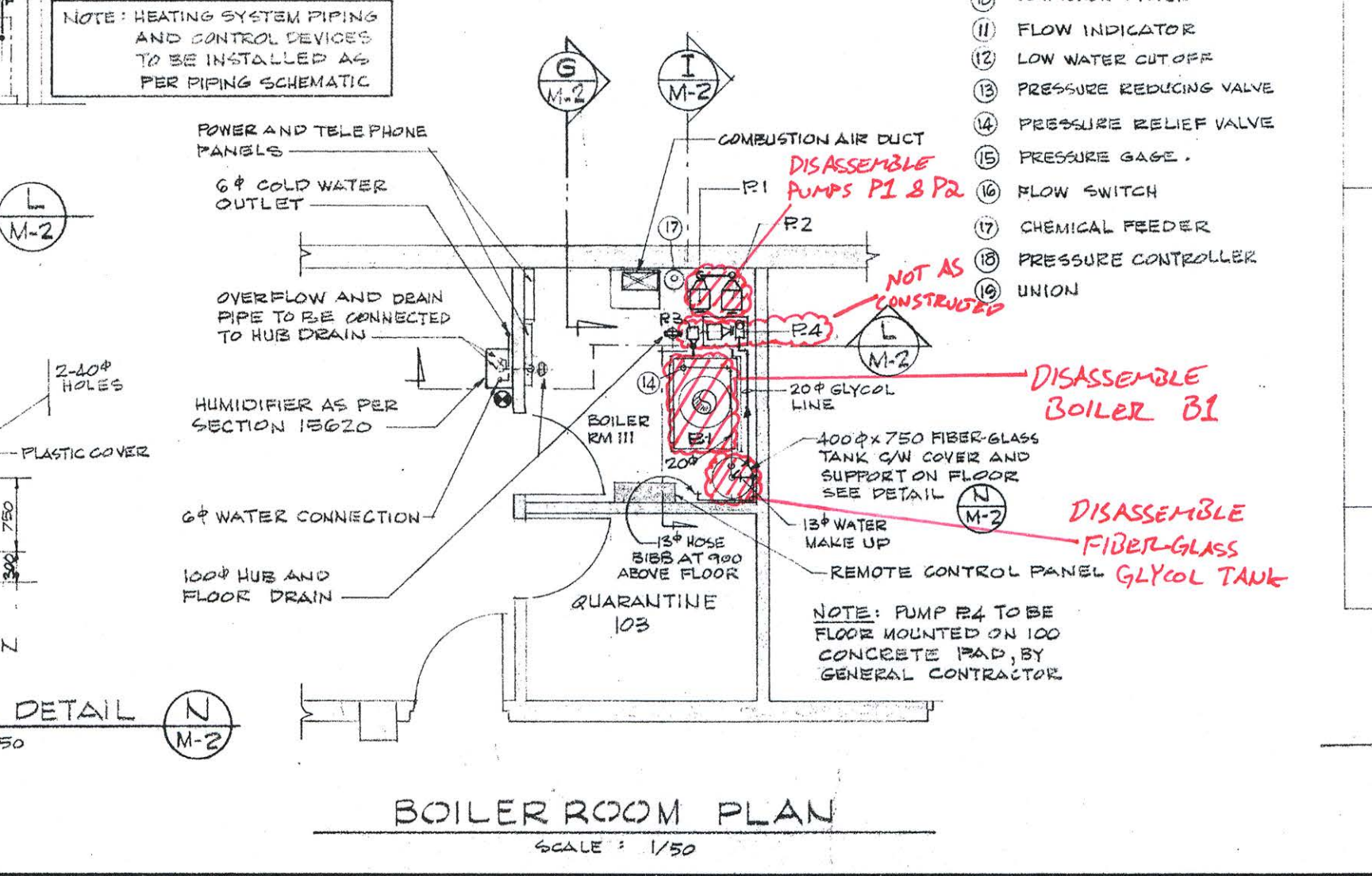
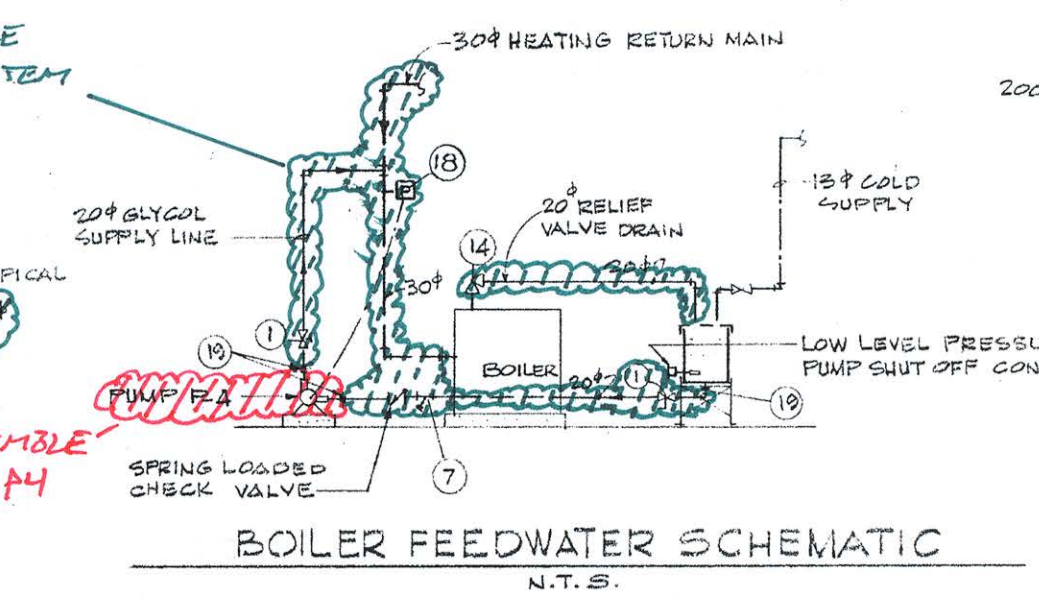
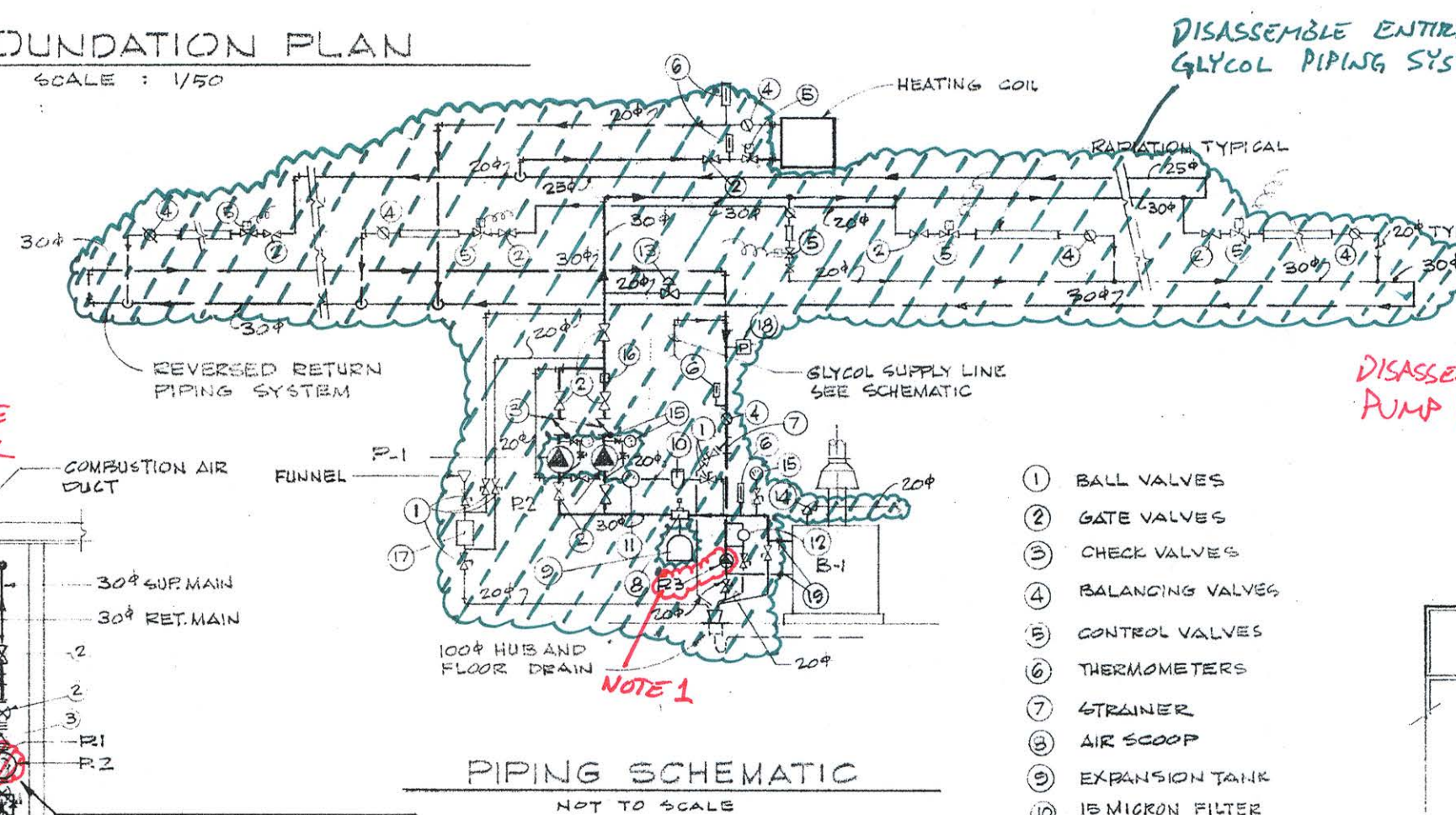
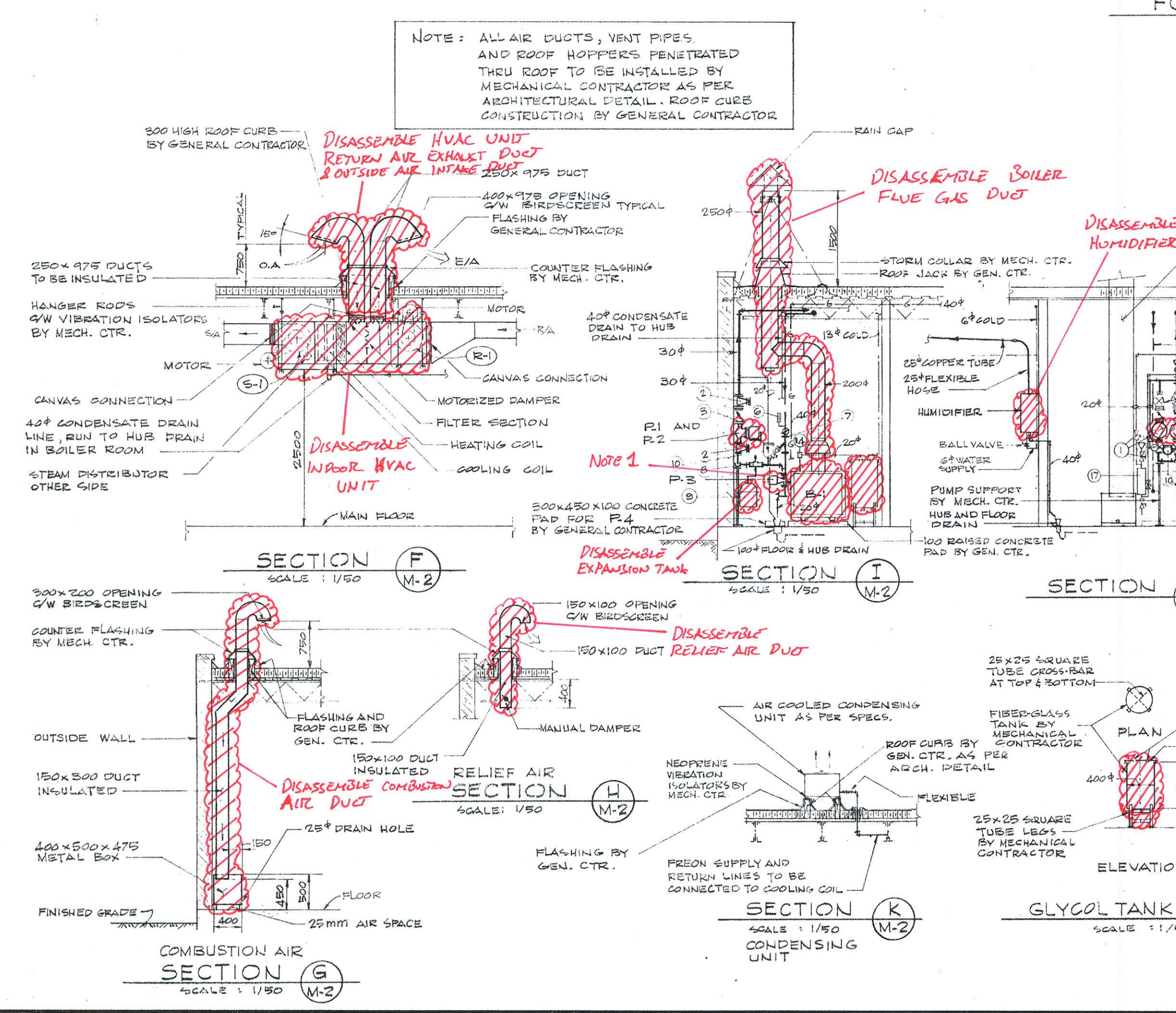
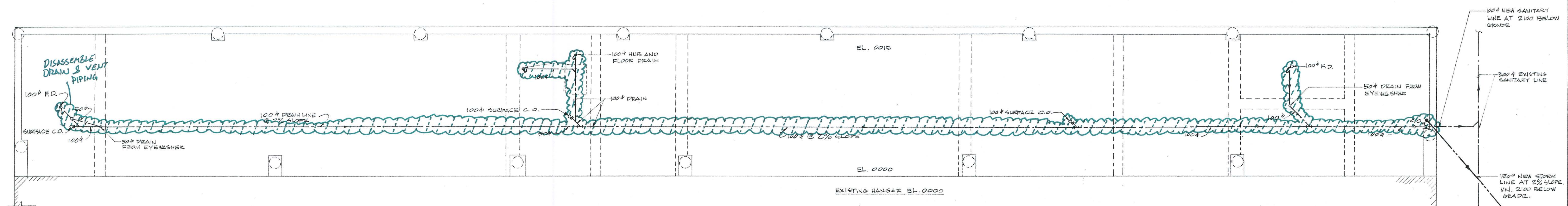
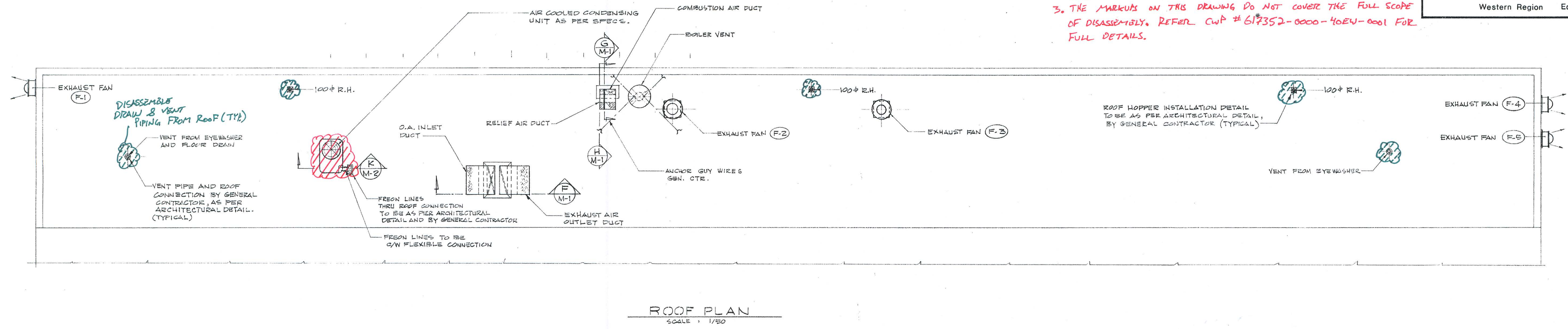
Drawn By: **EM 716**
 Checked By:
 Scale: **AS NOTED**



DECOMMISSION DRAWING

INDICATES GENERAL AREA OF DISASSEMBLY SCOPE FOR MECHANICAL
 INDICATES GENERAL AREA OF DISASSEMBLY SCOPE FOR PIPING

NOTES:
 1. PUMP P3 IN GLYCOL SYSTEM WAS NOT SEEN DURING SITE VISIT. CONTRACTOR SHALL CHECK TO DETERMINE WHETHER PUMP P3 EXISTS.
 2. DRAWING HAS BEEN MARKED UP WITH DECOMMISSION DETAILS ONLY. THIS DRAWING SHALL NOT BE USED FOR RE-CONSTRUCTION PURPOSES.
 3. THE MARKUPS ON THIS DRAWING DO NOT COVER THE FULL SCOPE OF DISASSEMBLY. REFER CWP # 617352-0000-40EN-001 FOR FULL DETAILS.



DECOMMISSION DRAWING

CHABOT ENGINEERING LTD.
 CONSULTING MECHANICAL ENGINEERS
 207, 10435-124 ST. PHONE 488-2944
 EDMONTON ALBERTA

THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF ALBERTA
 PERMIT NUMBER P 1357
 CHABOT ENGINEERING LTD.

DEC 7, 98	ISSUED FOR FINAL REVIEW	P.V.
NOV 28, 98	ISSUED FOR REVIEW	P.V.
Date	Revision	By
Scale		
Site EDMONTON, ALBERTA		
Title ADDITION TO HANGAR IA-PHASE II EDMONTON MUNICIPAL AIRPORT ROOF, FOUNDATION PLANS, SECTIONS, BOILER PLAN AND PIPING SCHEMATIC.		
Date: 06-15-13	Office of Regional Manager, Construction Services	
Drawn By: PETER VAN NUNN	Checked By: PETER VAN NUNN	Project No: ST-1110-0050(21) Sheet: M-2 of 2
W I I O W 6 2 8 A 3 0 7		