

TOWN OF FORT FRANCES

REQUEST FOR PROPOSAL

FOR

DESIGN FOR THE REHABILITATION OF THE FORT FRANCES NATATORIUM

RFP NO. 2023-OF-01

JANUARY 19, 2023

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**TOWN OF FORT FRANCES
REQUEST FOR PROPOSAL**

FOR

DESIGN FOR THE REHABILITATION OF THE FORT FRANCES NATATORIUM

RFP NO. 2023-OF-01

The Town of Fort Frances wishes to obtain proposals from a reputable Engineering firm for engineering design services for the Town's natatorium. Sealed proposals, in triplicate and clearly marked shall be submitted to:

**Faisal Anwar, Administrator
Town of Fort Frances
320 Portage Avenue
Fort Frances, Ontario P9A 3P9**

and must be received no later than:

TUESDAY, February 14, 2023 AT 2:00 PM (CST)

after which time such Tenders will be opened and read aloud in the Committee Room, Fort Frances Civic Centre, 320 Portage Avenue, Fort Frances, Ontario.

Further information, specifications and contract documents may be obtained upon request at the Information Desk, Fort Frances Civic Centre, 320 Portage Avenue, Fort Frances, Ontario P9A 3P9. 807-274-5323.

Questions regarding this proposal must be directed to Travis Rob, P.Eng., Manager of Operations and Facilities, at telephone (807) 274-9893 facsimile (807) 274-7360 email trob@fortfrances.ca.

The lowest or any proposal will not necessarily be accepted. The Town reserves the right to reject any or all proposals, to waive irregularities and informalities therein, and to award the Contract in the best interest of the Town in its sole and unfettered discretion. The accepted proposal must be approved by Council.

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SECTION 2

GENERAL INFORMATION AND INSTRUCTIONS

2.1 INTENT OF THE REQUEST FOR PROPOSALS

The purpose of the request for proposals is to retain a reputable firm to complete the investigation and detailed design for an all-encompassing renovation project of the Fort Frances Natatorium.

2.2 QUALIFICATIONS

The lowest or any proposal will not necessarily be accepted. The Town reserves the right to reject any or all proposals, to waive irregularities and informalities therein, and to award the contract in the best interest of the Town in its sole and unfettered discretion. The accepted proposal must be approved by Council.

2.3 CLOSING DATE

The Request for Proposals closes at 2:00pm CST, Tuesday, **February 14, 2023** and will be publically opened immediately thereafter at the Committee Room, Civic Centre, Fort Frances, Ontario.

Three (3) copies of the proposal, fully completed, sealed and marked "**RFP No. 2023-OF-01**" must be delivered by mail or otherwise, to the Administrator, not later than 2:00 pm CST on the closing date.

2.4 INFORMAL PROPOSALS

All proposals provided and all entries shall be in ink or typewritten. Proposals which are incomplete, conditional or obscure or which contain additions not called for, erasures, alterations or irregularities of any kind, or in which any of the prices are obviously unbalanced, may be rejected as informal.

The Town reserves the right to disqualify proposals not submitted in strict accordance with the terms and conditions of the Terms of Reference.

2.5 ERRORS AND OMISSION

The Firm shall examine the Terms of Reference Documents as soon as possible. Any errors, omissions or conflicts discovered shall be reported to the Manager of Operations and Facilities immediately.

Verbal instruction and/or communications will not be accepted.

2.6 LIST OF ADDENDA

During the request for proposals period, Firms may be advised by Addenda of required additions to, deletions from, or alterations in the Terms of Reference Documents. All such changes shall become an integral part of the Terms of Reference Documents and shall be allowed for in arriving at the Total Proposal Price. All Addenda received during the request for proposals period shall be acknowledged.

2.7 PROPOSAL WITHDRAWAL AND AWARD

Proposals received by the Administrator prior to Closing may be withdrawn upon written application only. The last proposal received shall invalidate all previous proposals received from the same Firm. Withdrawal of proposals shall be by letter bearing an official company or corporation signature and seal only.

No contracts will be awarded until after the proposal has been approved by Council.

Council reserves the right to:

- i) reject any recommendation;
- ii) reject any or all proposals;
- iii) accept any proposal deemed to be in the best interest of the Town, or
- iv) disqualify proposals not submitted in strict accordance with requirements of the terms of reference documents.

Firms are informed that it is a condition of the Terms of Reference Documents that each proposal shall remain in force from the closing date of the request of proposal until forty-five (45) calendar days thereafter unless the Firm has been formally rejected.

2.8 TAX MANAGEMENT (HST)

As it is the responsibility of the Firm to determine levy and collection of the Harmonized Sales Tax (HST), amounts bid shall show separately the HST amount, or alternatively cite the basis of exemption in lieu thereof.

2.9 ONTARIO RETAIL SALES TAX

Where contracts are awarded to non-resident Ontario Firms, they are required to either:

- a) Provide a copy of a valid Retail Sales Tax Vendor Permit, or
- b) file with the Town a copy of the letter of compliance issued by the Ontario Retail Sales Tax Branch.

Failure to comply will result in 4% of each payment due to the Contract to be withheld for remittance to the Treasurer of Ontario.

2.10 FAX TRANSMITTAL

Proposals may be submitted by Fax transmittal (807-274-8479) subject to additional conditions:

- i) All terms and conditions outlined in the Terms of Reference apply, including duplicate fax transmittals

- ii) All original proposal documents and enclosures are received within forty-eight (48) hours of the closing date of the request for proposals, and
- iii) The Town assumes no responsibility whatsoever for proper receipt of such Fax transmittals.

2.11 MUNICIPAL FREEDOM OF INFORMATION PROTECTION OF PRIVACY ACT

The Town is governed by the Municipal Freedom of Information and Protection of Privacy Act, therefore Firms must accept that proposal contents can be made public as a condition of the request for proposal process.

2.12 PAGES NUMBERED

All pages of the proposal document submitted must be numbered.

2.13 LOCATION OF FORT FRANCES

The Town of Fort Frances is located in the District of Rainy River, approximately 350 kilometers west of Thunder Bay, Ontario and 425 kilometers East of Winnipeg, Manitoba. The Town is bounded to the north and the east by Couchiching First Nation and the unorganized Township of Miscampbell, to the west by the Township of Alberton, and to the south by the United States of America. Also please note that Fort Frances is in the Central Time Zone.

2.14 FIRM'S INSURANCE

The successful Firm shall take out and keep in force throughout the duration of the Contract, a comprehensive policy of Professional Liability in the amount of not less than \$2,000,000.00 inclusive per occurrence.

The Town of Fort Frances shall be named as an additional insured thereunder, a certified copy of the policy or certificate thereof shall be deposited upon signing of the Agreement or as the Town may direct.

2.15 INQUIRIES

Questions regarding the Terms of Reference must be directed to:

Travis Rob, P.Eng.
Manager of Operations and Facilities
Town of Fort Frances
320 Portage Avenue
Fort Frances, Ontario
P9A 3P9

Telephone: 807-274-9893 ext 1316
Fax: 807-274-7360
Email: trob@fortfrances.ca

SECTION 3

PROJECT DESCRIPTION

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- 3.2 SCOPE OF WORK
- 3.3 OTHER SPECIFICATIONS FOR THE DESIGN ACTIVITIES

SECTION 3

PROJECT DESCRIPTION

3.1 GENERAL INFORMATION ON THE DESIGN ACTIVITIES

The successful firm will be tasked with the design works related to an all-encompassing building renovation, focusing on specific areas of concern within the building as detailed below. The Fort Frances Natatorium was originally constructed in 1974 with an addition for seating being completed in 1992. Since that time the pool has seen few small-scale renovations throughout its life.

3.2 SCOPE OF WORK – PART 1 – Structural Rehabilitation

The Natatorium was constructed with in a post and beam style with glulam wooden columns supporting glulam wooden roof beams supporting built up wooden purlins and a tongue and groove wooden roof deck. In 1997 the original roof structure failed due to snow loading and a new metal truss roof was installed overtop of the existing, repaired roof structure. Over time, with almost constant contact with water, the base of many of the wooden columns have started to rot. The purpose of the request for proposal is to retain a reputable Firm to complete the design works for the rehabilitation/replacement of the wooden roof columns including any footing works, construction process and staging plans, and specifications to complete the work.

3.3 SCOPE OF WORK – PART 2 – Pool Rehabilitation

The pool is 25m long and 15m wide with a total water capacity of approximately 200,000 gallons. The pool is of concrete construction with a concrete liner material finishing the surface coated with an epoxy pool paint. The pool liner material is well past its useful life and needs to be replaced. Secondly to that is that the pool suffers from groundwater infiltration when drained, further deteriorating the liner materials any time the pool is drained for maintenance. The purpose of this request for proposal is to retain a reputable firm to complete the design works for the replacement of the pool liner material as well as the installation of systems to control the groundwater around the pool structure such that future impacts from groundwater infiltration can be minimized. It is important to note that for the purposes of investigation related to design, the pool cannot be drained without risk of severe and rapid deterioration of the pool liner in its current state.

3.4 SCOPE OF WORK – PART 3 – Pool Deck Rehabilitation

Much of the work for the pool rehabilitation will require the removal of all or a part of the pool deck. The deck is concrete with an epoxy coated surface with granular material added for grip. The surface is old, stained and the deck has areas of cracking throughout it. In addition, many of the deck drains are cast iron and after years of chlorine exposure are starting to fail. The purpose of this request for proposal is to retain a reputable firm to complete the design works for the complete replacement of the pool deck surface including replacement of all drains, pool edge tile, pool deck fixtures (such as ladders, guard chairs, blocks, anchor points, etc.). Firms shall, after reviewing the site, recommend to the Town at least two different products for decking material including pros and cons of each material type and class D cost estimates for each for selection by the Town. In addition to this review of the pool deck, the viewing area guards shall be reviewed and new guards with tempered glass inserts that are compliant with the Ontario Building Code, are constructed of aluminum, and provide unobstructed site of the pool shall be designed to replace the existing rails.

3.5 SCOPE OF WORK – PART 4 – Pool Equipment Evaluation and Chemical Containment

Currently the pool uses vats of liquid sodium hypochlorite and muriatic acid in solution with two chemical dosing pumps connected to an Acu-Trol AK110 control unit to maintain pool water parameters. The chemical tanks are in the same room as much of the mechanical equipment, they are side by side and have no spill containment in place. Further they are manually filled and diluted by staff. The purpose of this request for proposal is to investigate the pool chemical dosing system, provide recommendations to the Town for improvement in the dosing system to improve reliability, reduce maintenance, improve the safety of the staff filling and maintaining the system and provide appropriate spill containment. Based on feedback from the town, firms will complete all related design works for the implantation of the changes to the chemical dosing systems.

3.6 SCOPE OF WORK – PART 5 – Natatorium HVAC Replacement

When the addition of the seating area was completed in the natatorium, there was no review of the existing HVAC system to address the additional space. As a result, air movement within the natatorium is poor and does not cover the entire space appropriately. Ceiling fans have been installed to help move dead spaces of air to try to help with air quality, but they are ineffective. In 2012 a new Dry-O-Tron unit was installed appropriately sized for the space and balanced properly. This unit does a good job of conditioning the air, however the distribution of the air around the space is poor. In addition, the exterior walls see condensation on their interior surfaces during winter months from lack of air movement. A full review of the space with a completely new HVAC duct design is to be completed including provisions for appropriate air circulation through the under-seating storage areas. In addition, a full review of the condition and lifecycle of the existing Dry-O-Tron shall be completed as part of this work with recommendations on remaining useful life and any lifecycle maintenance activities that the Town should plan for shall be completed. It is not the intention of the Town to replace the Dry-O-Tron as part of this project.

3.3 OTHER SPECIFICATIONS FOR THE ENGINEERING ACTIVITIES

1. The Town is requiring that the successful firm complete the design works in as timely a fashion as possible. All parts of the scope are priority and can be worked on concurrently. The intent is to award the contract to the successful firm within 2 weeks of the closing date of February 14, 2023. Each firm shall include a proposed schedule with their proposal. The successful firm shall submit a formal schedule of work including important dates and milestones to the town, prior to commencing work.
2. The successful firm shall complete the review and design works in accordance with applicable regulations and codes within the Province of Ontario and Canada.
3. The work shall be planned in phases and wherever possible planned such that one portion of the project does not rely on the completion of any other portion. The exemption to this requirement is the pool rehabilitation work and deck work.
4. Firms shall include are to complete all design works to the point of tendering. Complete design drawings including full specifications and construction staging are to be completed as well as a designated substance survey for the work area.
5. Firms are to include within their proposal provisional pricing for construction management services including tendering, recommendation for award, periodic inspection, payment management, project closeout and as-constructed drawing preparation.

SECTION 4
PROPOSAL REQUIREMENTS
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- 4.1 PROPOSAL REQUIREMENTS SUBMITTED BY FIRM
- 4.2 PROPOSAL EVALUATION
- 4.3 OCCUPATIONAL HEALTH & SAFETY PLAN
- 4.4 CONTRACT

SECTION 4

PROPOSAL REQUIREMENTS

4.1 PROPOSAL REQUIREMENTS SUBMITTED BY FIRM

The proposals prepared by the Firms will clearly indicate that the design works will be carried out in accordance with the **Request for Proposal 2023-OF-01**. The Firm's proposal must contain at least, but is not necessarily limited to the following:

- 1) A work chart or work schedule showing the timing of the major tasks and milestones for each part of this project.
- 2) The Firm shall describe their previous work of this type, highlighting their experience and expertise with the specific requirements of this project. If the Firm intends to partner with others to complete certain components, the experience and expertise of those partner companies must also be described, citing previous relevant work.
- 3) The Firm shall identify the lead designer and other staff and list the responsibilities of each. Qualifications of the Firm's lead designer and key personnel should be outlined. Any substitution of staff during the course of the design works will not be permitted without approval of the Town's Manager of Operations and Facilities.
- 4) Maximum total cost of the project broken down by deliverable, where major tasks or milestones, field inspection work, report writing, printing costs and other disbursements are listed separately.
- 5) Per diem rates for key personnel involved in the project and an estimate of the number of hours that project staff will spend on each specific task.
- 6) A listing of any special circumstances required to complete the design works.
- 7) Identify any possible gaps in this Request for Proposal and how these gaps will be taken into account in the design activities.
- 8) Submit a listing of previous projects of similar scale or type completed for Municipal or institutional clients.
- 9) Three (3) copies of the proposal will be submitted
- 10) All Documents will be in Microsoft Office Format.

4.2 PROPOSAL EVALUATION

The Town of Fort Frances will review the proposal submitted by each individual Engineering Firm during late February 2023. A scoring system will be utilized on the following categories:

- 1) Quality of the proposal submitted - ease of understanding, required components of the Design Activities, and work schedule.
- 2) Past Experience in completing similar design activities.

- 3) Key Personnel assigned to the project
- 4) Proposal value
- 5) Schedule

It should be clearly understood that the Town of Fort Frances has the right to assign weighting to each of the 5 above mentioned categories and if any proposal submitted fails to include any mandatory requirements as outlined in the Terms of Reference, the proposal is automatically disqualified.

4.3 OCCUPATIONAL HEALTH & SAFETY PLAN

The proposed Occupational Health and Safety Plan shall outline the Firm's general approach to Occupational Health and Safety.

The successful Firm will be responsible for meeting all of the "employer" obligations under the Occupational Health and Safety Act (OHSA) and shall ensure that all work is carried out in accordance with the OHSA and all applicable regulations. This includes but is not limited to, the duties to: provide a safe workplace; provide information and educate the workers on workplace hazards; appoint a competent supervisor; prepare and provide a health and safety policy; implement a comprehensive health and safety program to support the policy; and take every reasonable precaution to protect the health and safety of workers.

Each Firm shall submit a statutory declaration with the proposal: Appendix "A".

4.4 CONTRACT

The Firm shall include a draft contract of engagement with their proposal.

The Firm shall enter into an engineering contract with the Corporation of the Town of Fort Frances. The contract shall indicate that work to be undertaken shall be done to the satisfaction of the Municipality according to the request for proposal and for the amount agreed upon by the two parties. The contract shall also indicate that no additional money shall be paid to the Firm for any additional work for which prior authorization has not been given in writing. The contract shall contain, as a minimum, the Request for Proposal and the Proposal accepted.

APPENDIX “A”

STATUTORY DECLARATION

STATUTORY DECLARATION

In submitting this proposal, I/We, on behalf of _____
Legal Name of Company

certify the following:

- (a) I/We have a health and safety policy and will maintain a program to implement such policy as required by clause 25(2) (j) the *Occupational Health and Safety Act*, R.S.O. 1990, c.O.1, as amended, (the "OHSA").
- (b) With respect to the services being offered in this proposal, I/We and our proposed sub-contractors, acknowledge the responsibility to, and shall:
 - (i) fulfill all of the "employer" obligations under the OHSA and ensure that all work is carried out in accordance with the OHSA and its regulations.
 - (ii) ensure that adequate and competent supervision is provided as per the OHSA to protect the health and safety of workers; and
 - (iii) provide information and instruction to all employees to ensure they are informed of the hazards inherent in the work and understand the procedures for minimizing the risk of injury or illness.
- (c) I/We agree to take every precaution reasonable in the circumstances for the protection of worker health and safety, as required under the OHSA.

Dated at _____ this _____ day of _____ 2023.

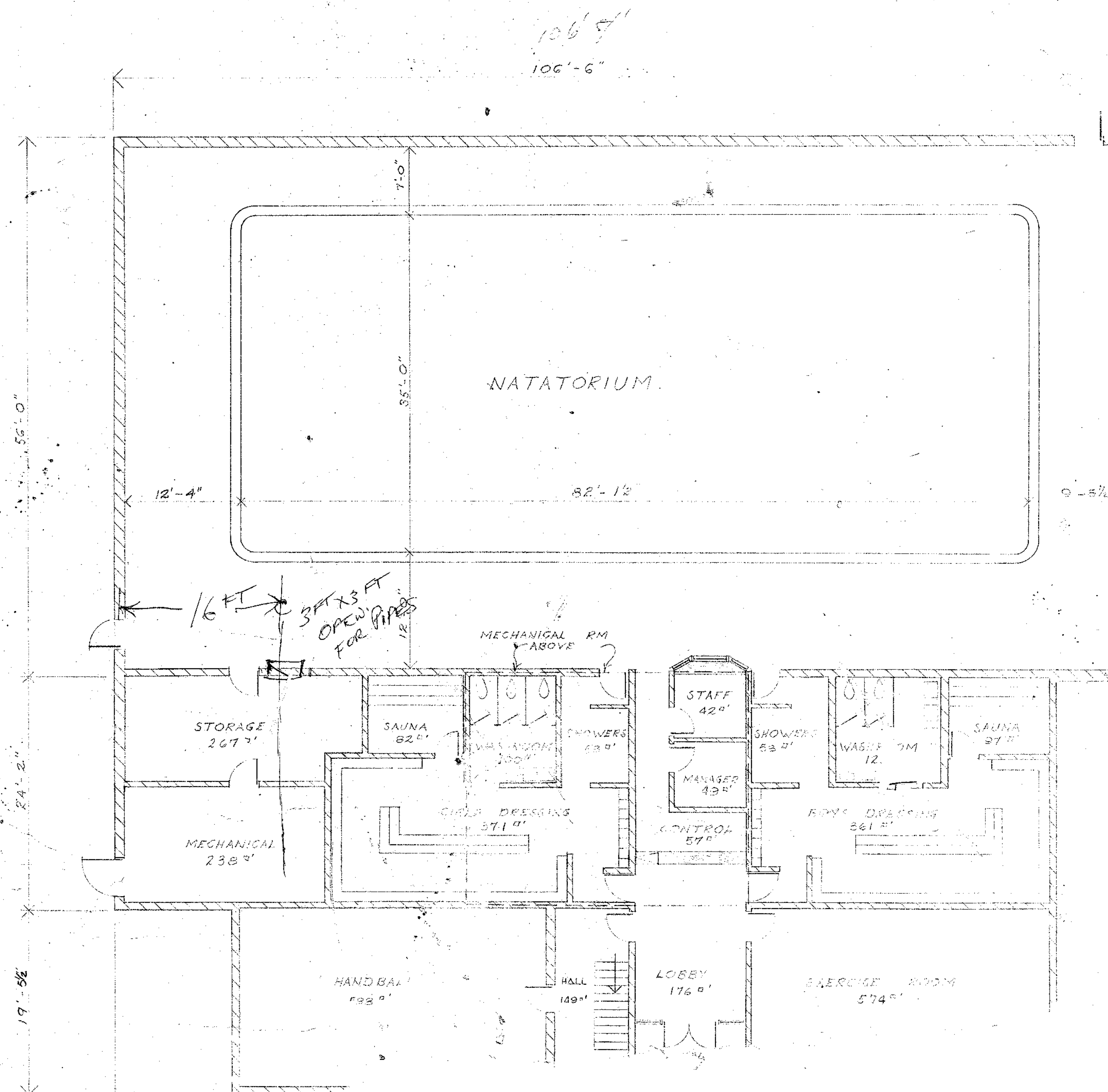
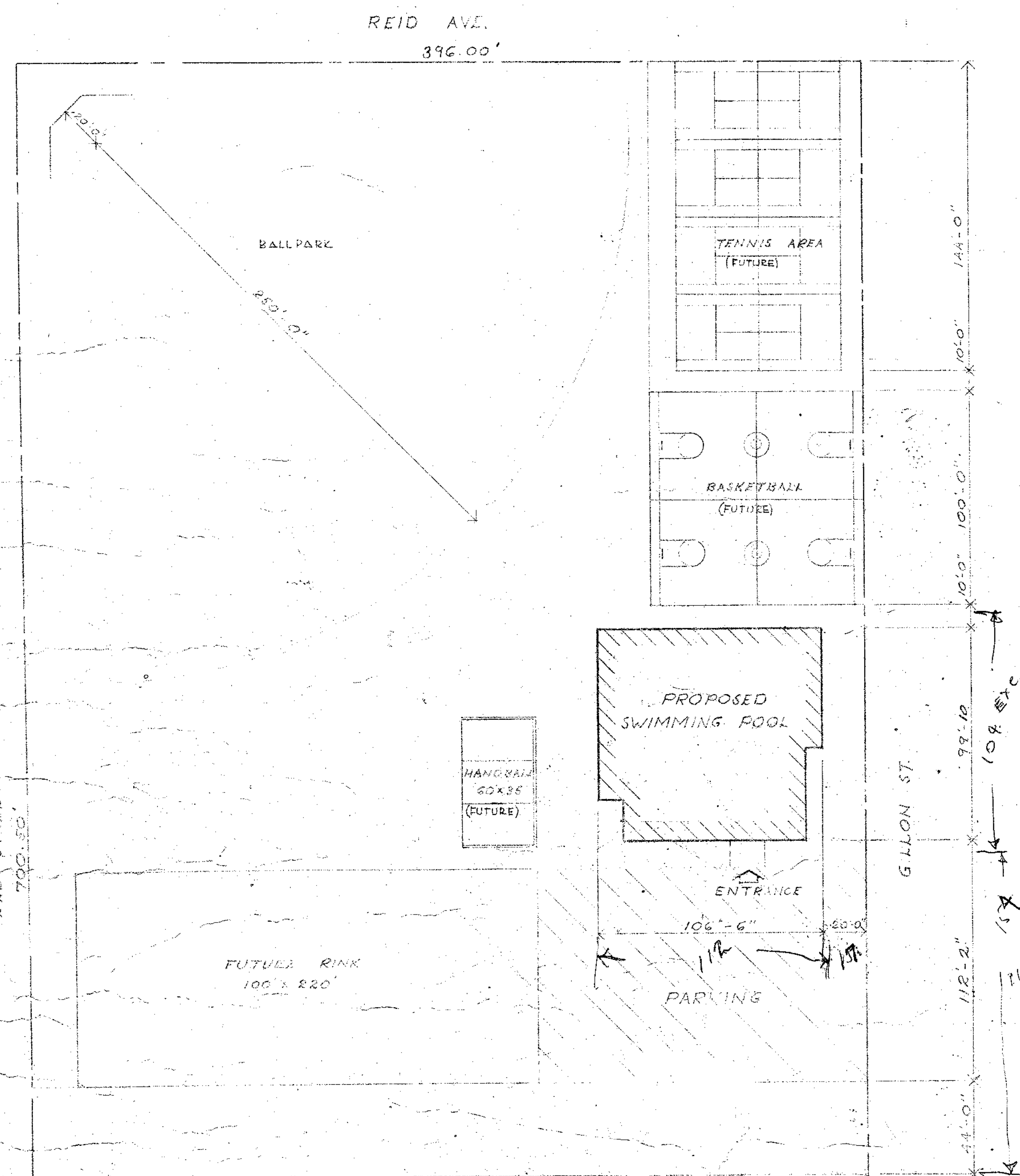
(Authorized signing agent for the Firm)

(Title)

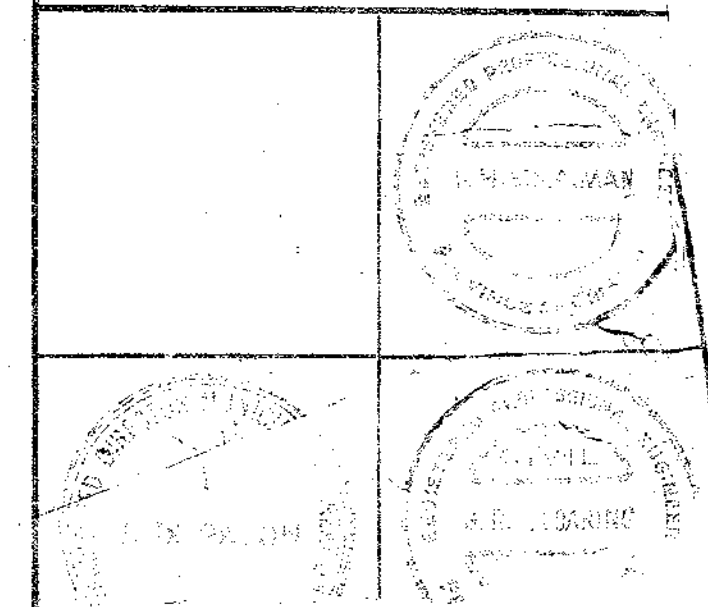
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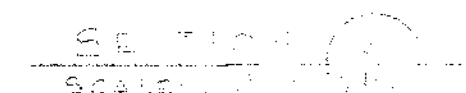
APPENDIX “B”

AUGUST 1973 ORIGINAL NATATORIUM CONSTRUCTION DRAWINGS



ALL DRAWINGS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF CANADIAN SWIMMING POOL DESIGN SERVICES LIMITED AND MUST BE RETURNED UPON REQUEST. REPRODUCTIONS OF DRAWINGS AND RELATED DOCUMENTS IN PART OR IN WHOLE IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF CANADIAN SWIMMING POOL DESIGN SERVICES LIMITED.

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60 BENCH BLACK
2A O.C.
1A 1/2 HEARD

D O O R S C E N E D O U B L E										
NO.	SIZE	TYPE	MATERIAL	FINISH	GLAZING	GRILLE	MATERIAL	FINISH	TYPE	REMARKS
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2	2' 0" x 6' 0"		WOOD METAL	PAINT			WOOD METAL	PAINT	FI	DOOR TO STAIRS, 1ST FLOOR
3	2' 0" x 6' 0"		WOOD METAL	PAINT			WOOD METAL	PAINT	FI	DOOR TO STAIRS, 1ST FLOOR
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20	2' 0" x 6' 0"		WOOD METAL	PAINT			WOOD METAL	PAINT	FI	DOOR TO STAIRS, 1ST FLOOR

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WINDSOR - DUNDAS - TORONTO
HEAD OFFICE: 2130 SOUTH PACIFIC AVE., P.O. BOX 577
WINDSOR, ONTARIO N9A 6M6 TEL. (519) 252-0155

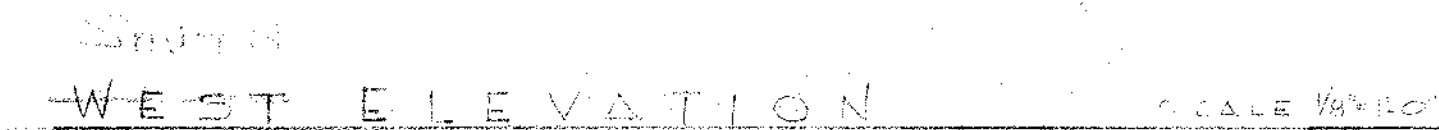
THE UNIVERSITY OF CHICAGO

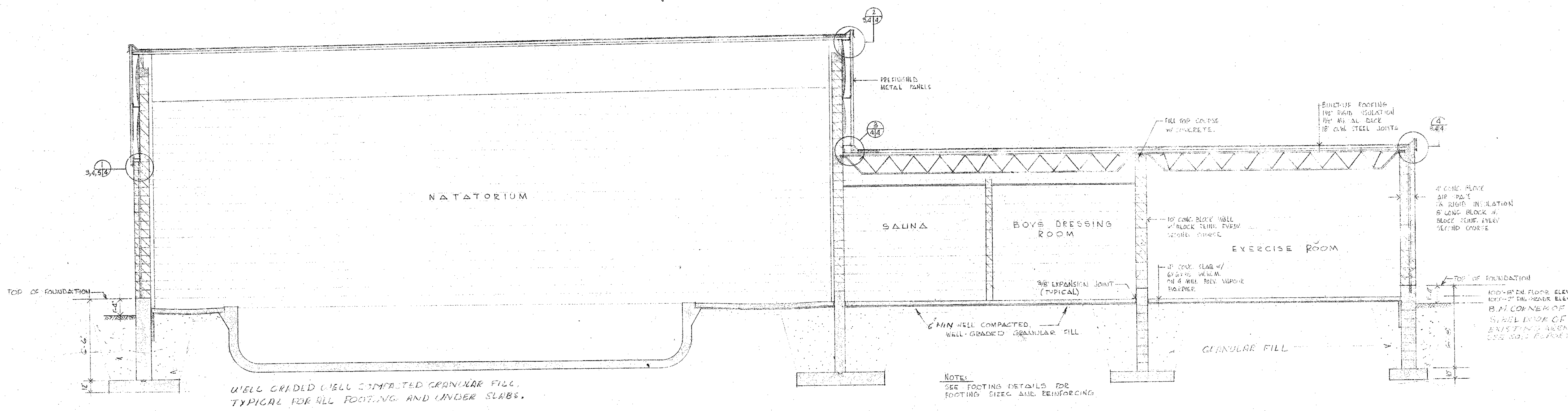
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CLIENT:

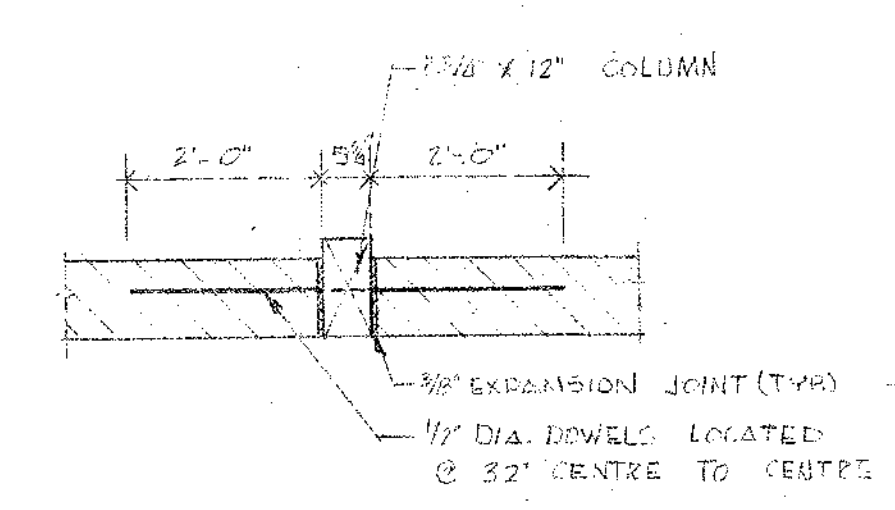
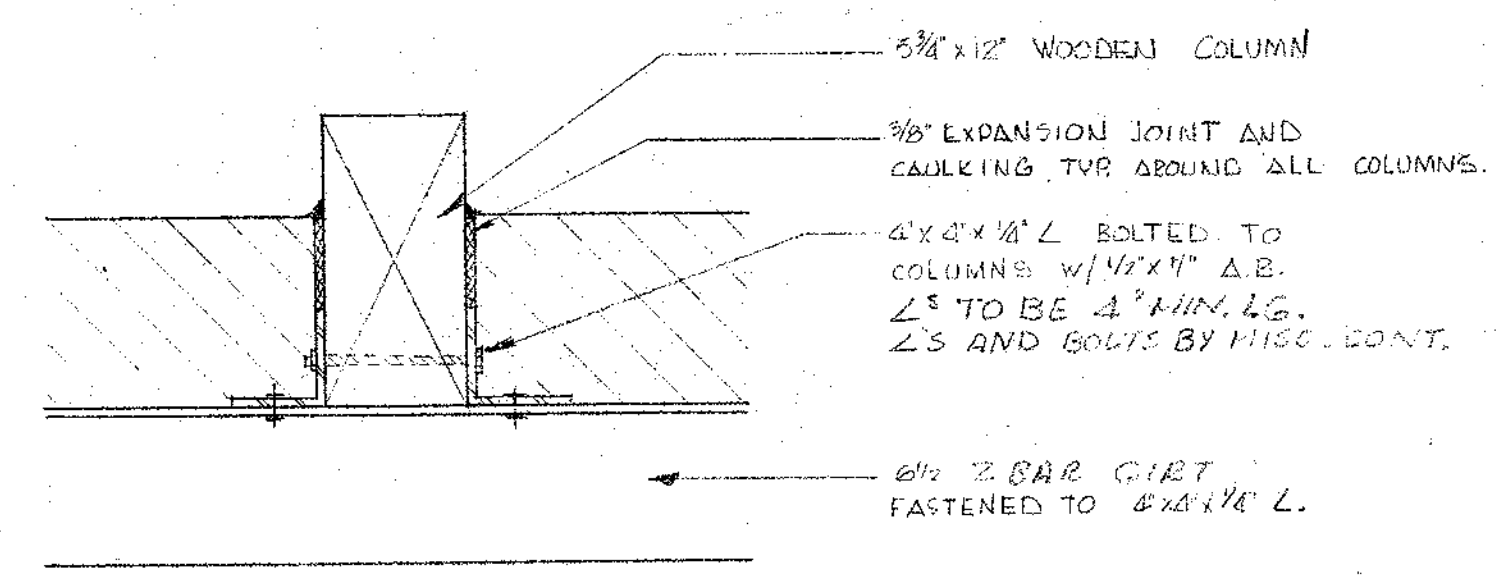
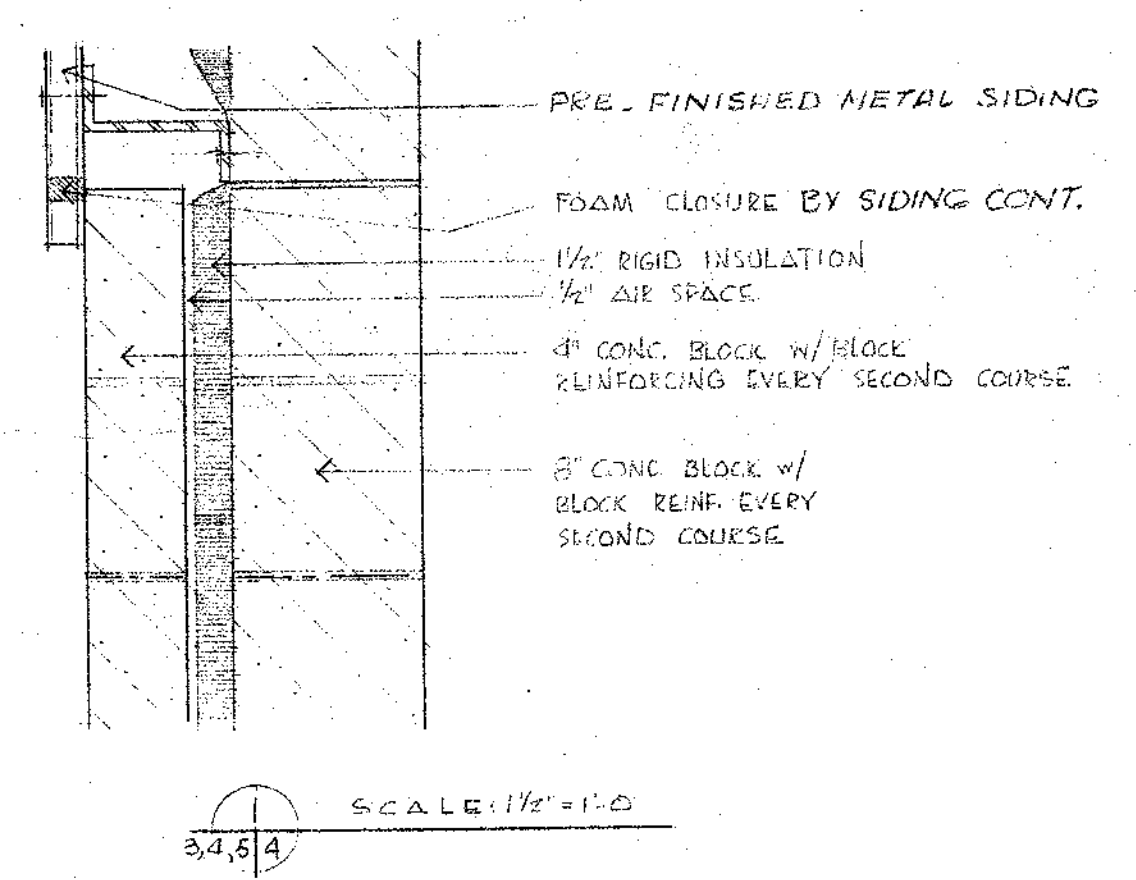
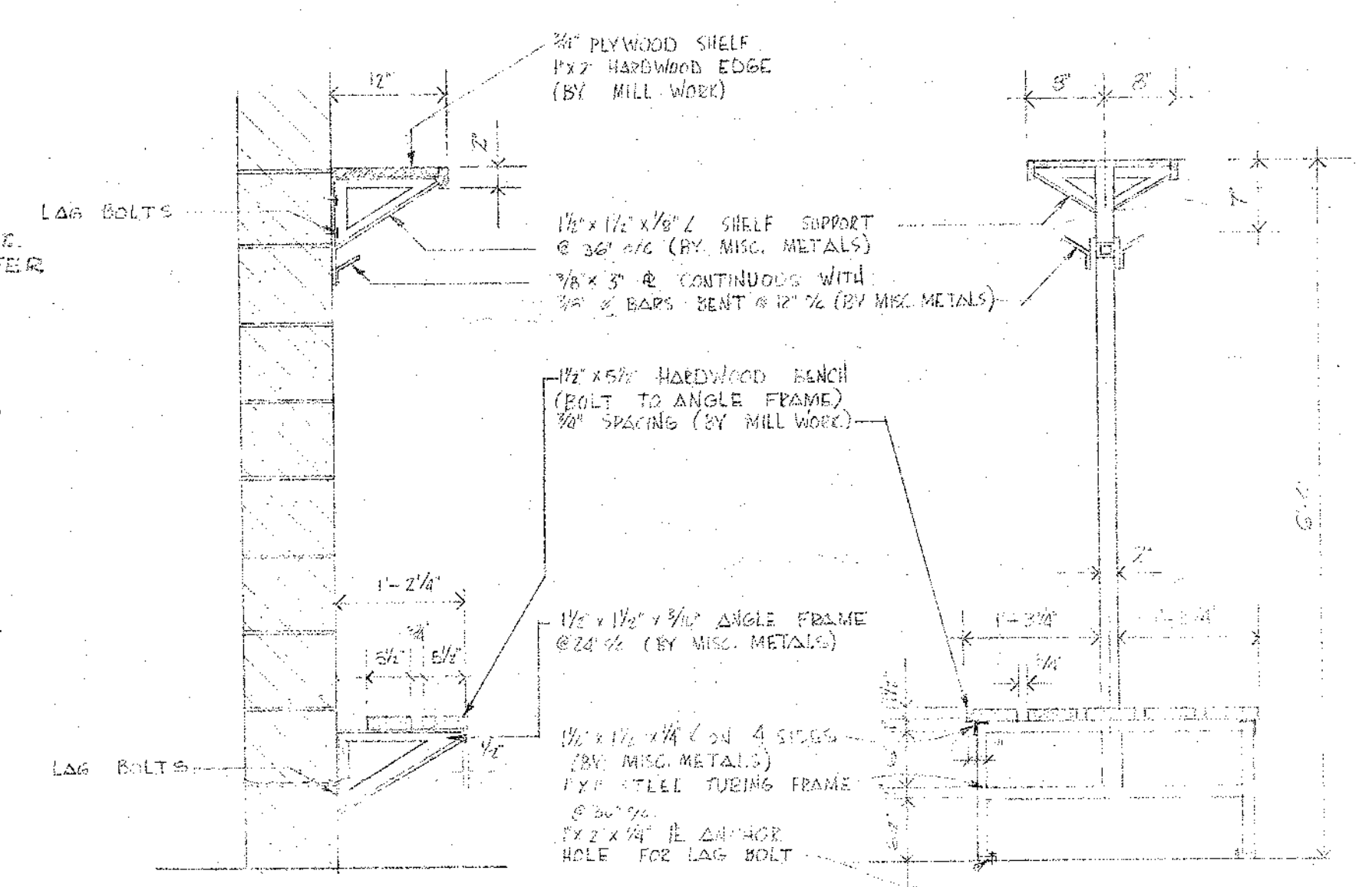
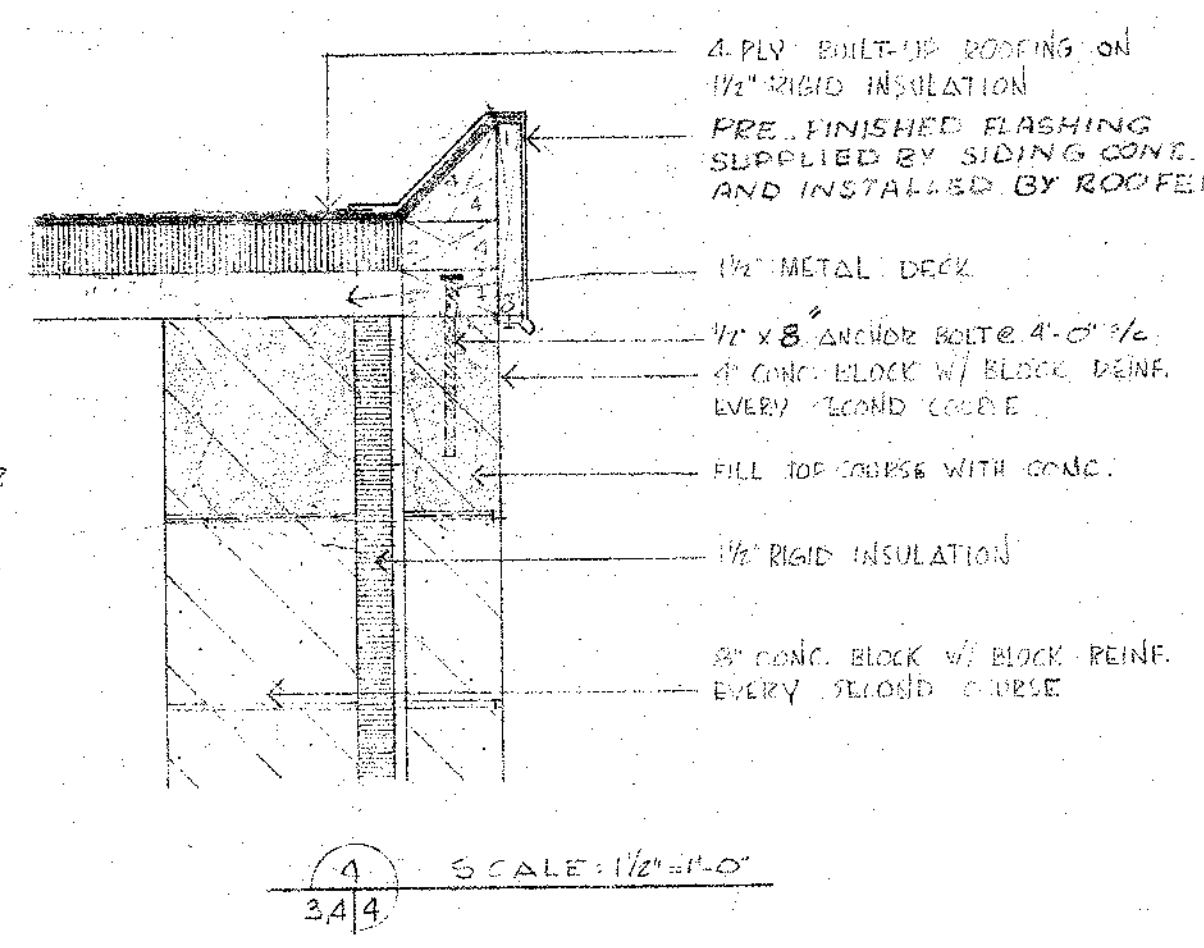
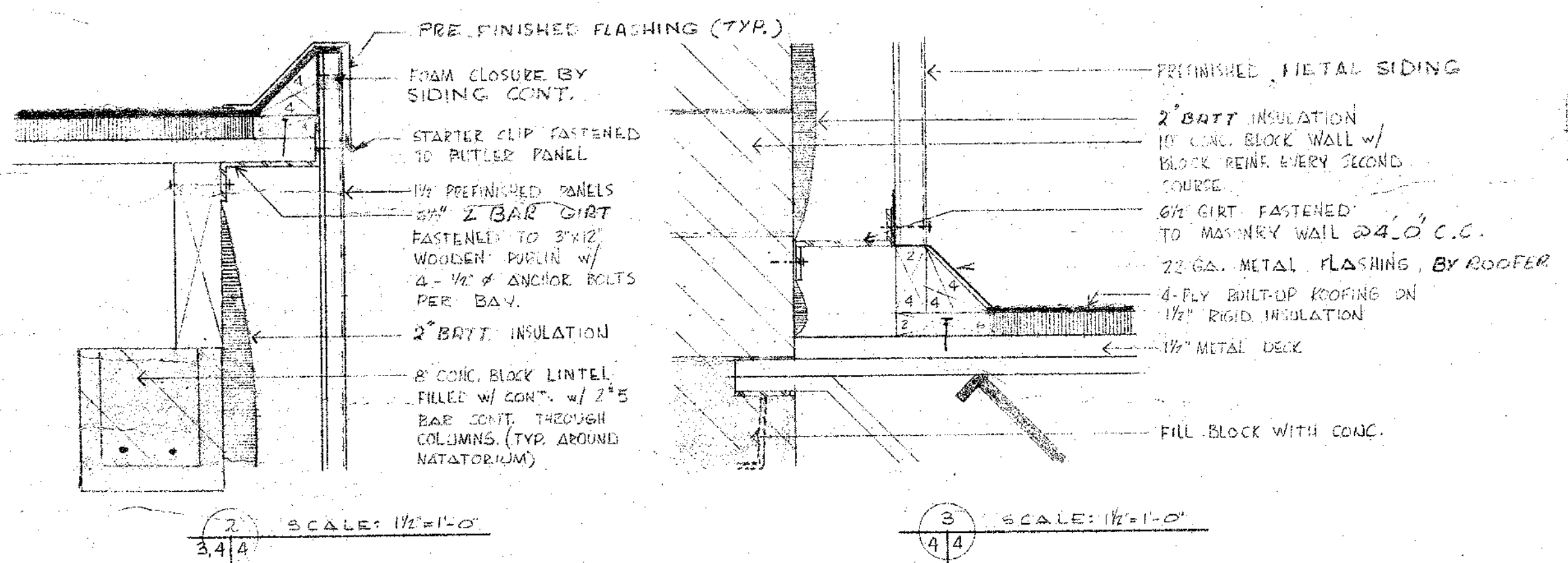
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DATE:	SCALE:	IN CHARGE:
DRAWN BY:	CHECKED BY:	COL. TAYLOR





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



COLUMN-GIRT DETAIL
SCALE: 1/2" = 1'-0"

COLUMN DETAIL (TYP. AT ALL COLUMN LOCATIONS)
SCALE: 1/2" = 1'-0"

Canadian Swimming Pool Design Services Limited

CONSULTING ENGINEERS
WINDSOR - DUNDAS - TORONTO
HEAD OFFICE: 2130 SOUTH PACIFIC AVE., P.O. BOX 577
WINDSOR, ONTARIO N9A 6M5 TEL (519) 232-9155

PROJECT TITLE:
PORT FRANKLIN MILL
INDUSTRIAL PARK

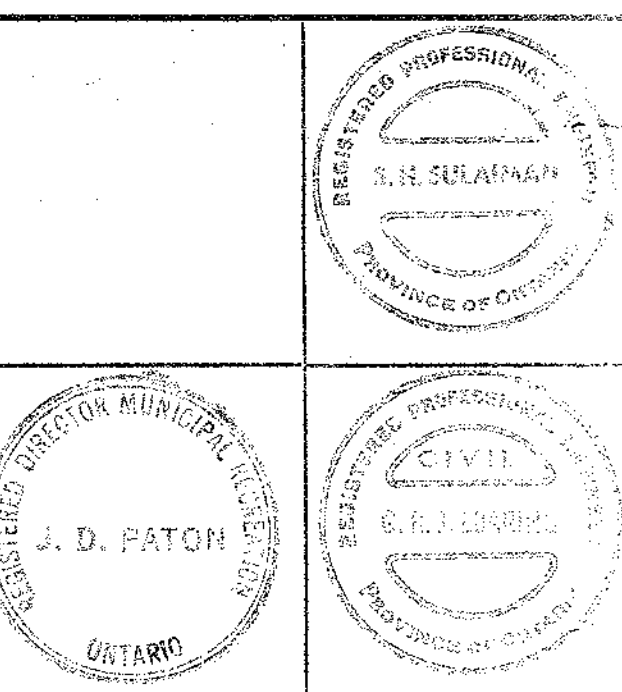
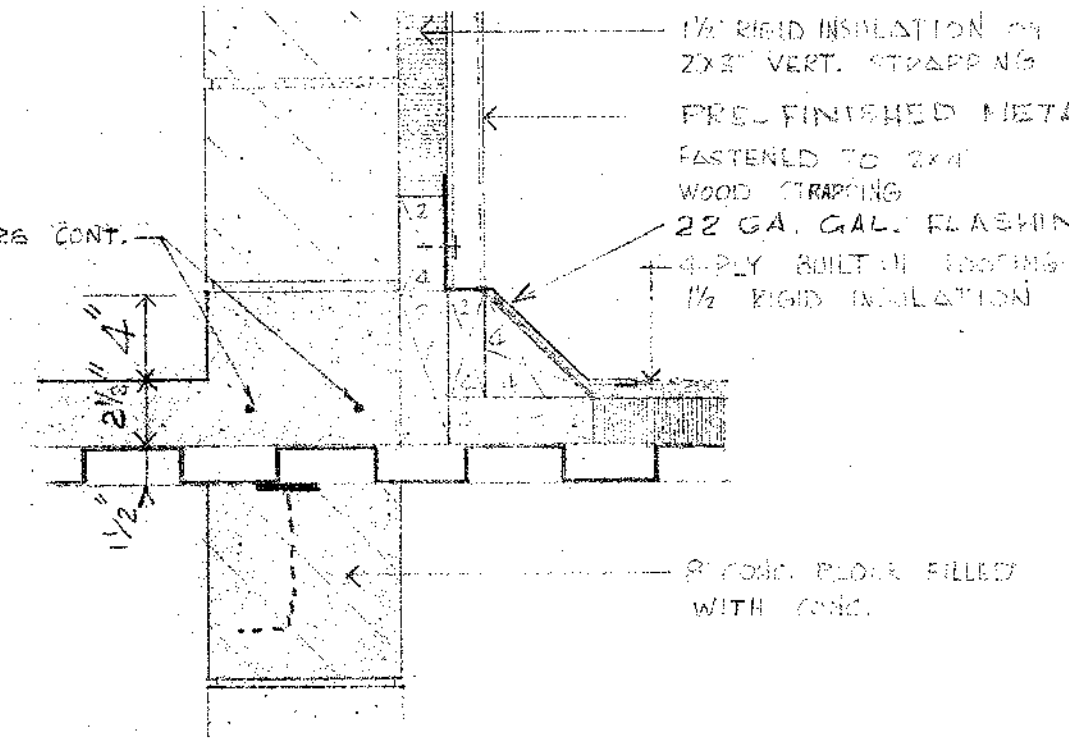
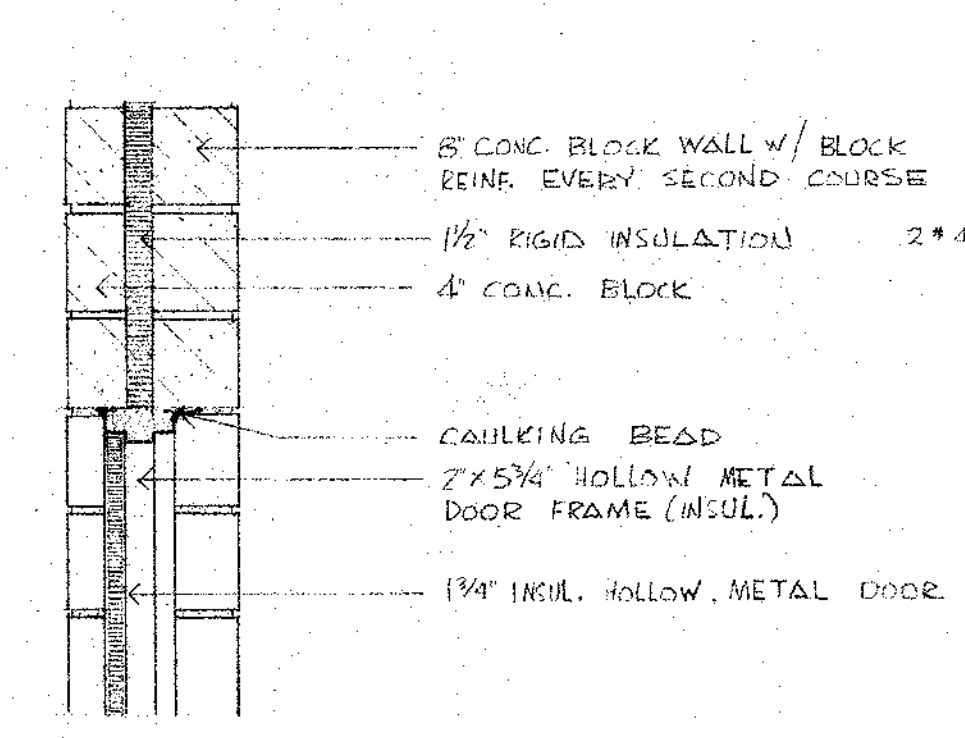
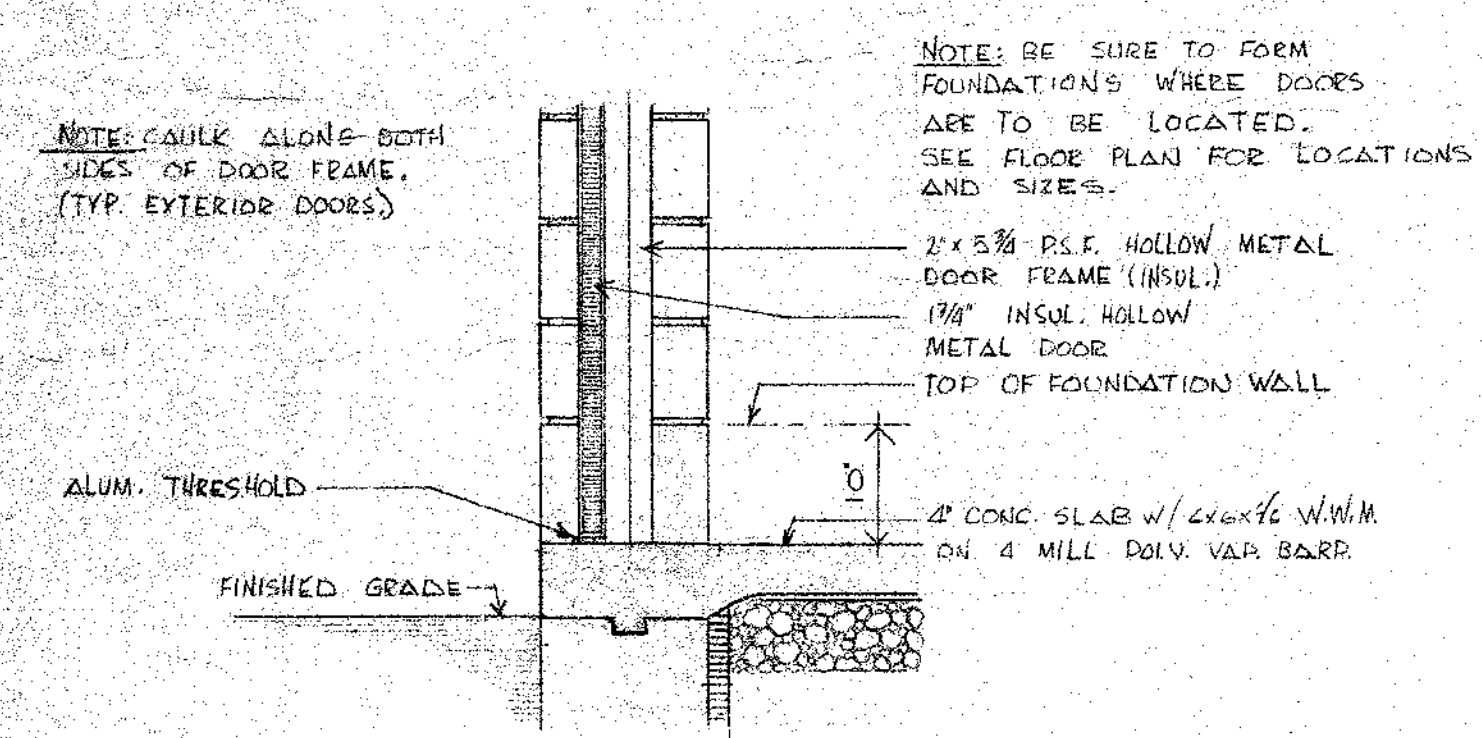
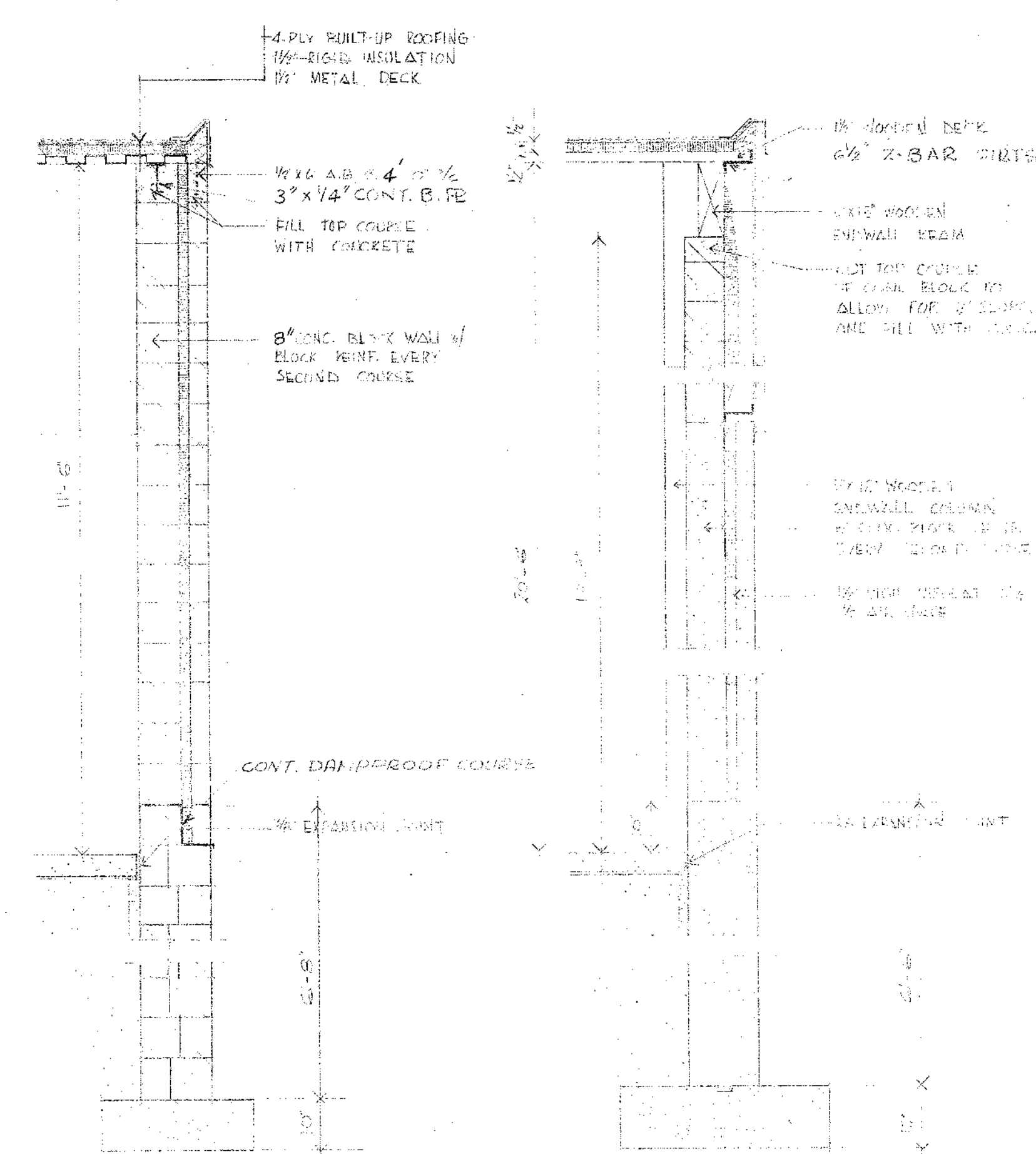
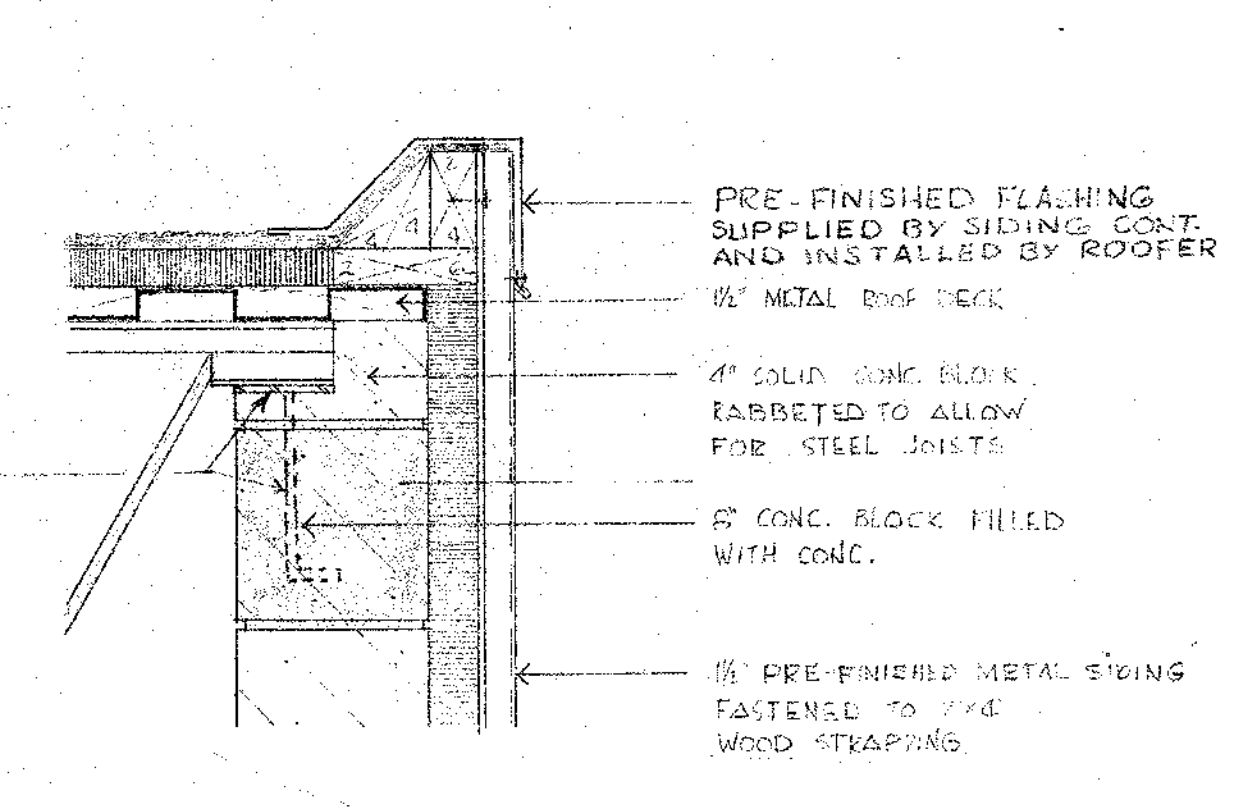
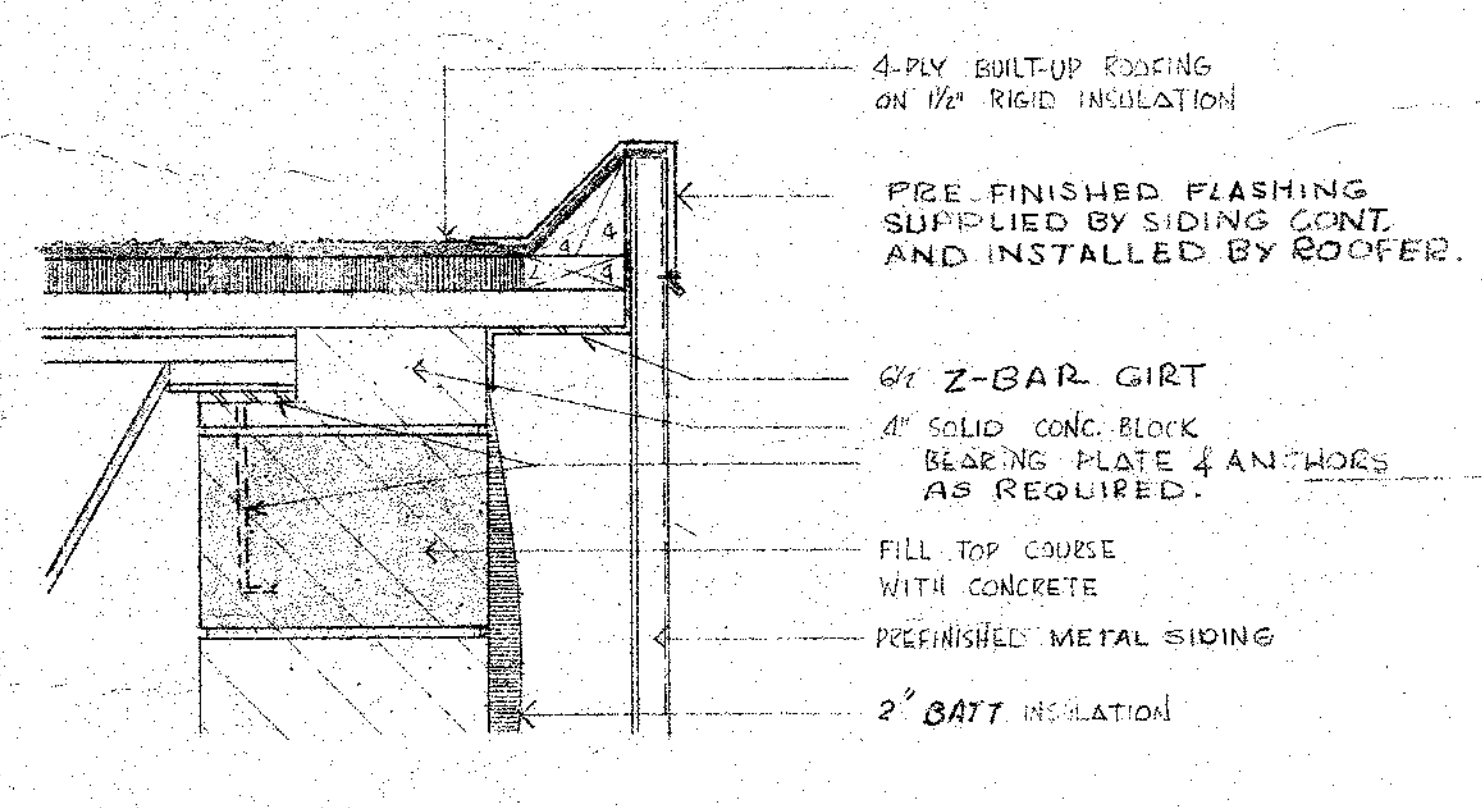
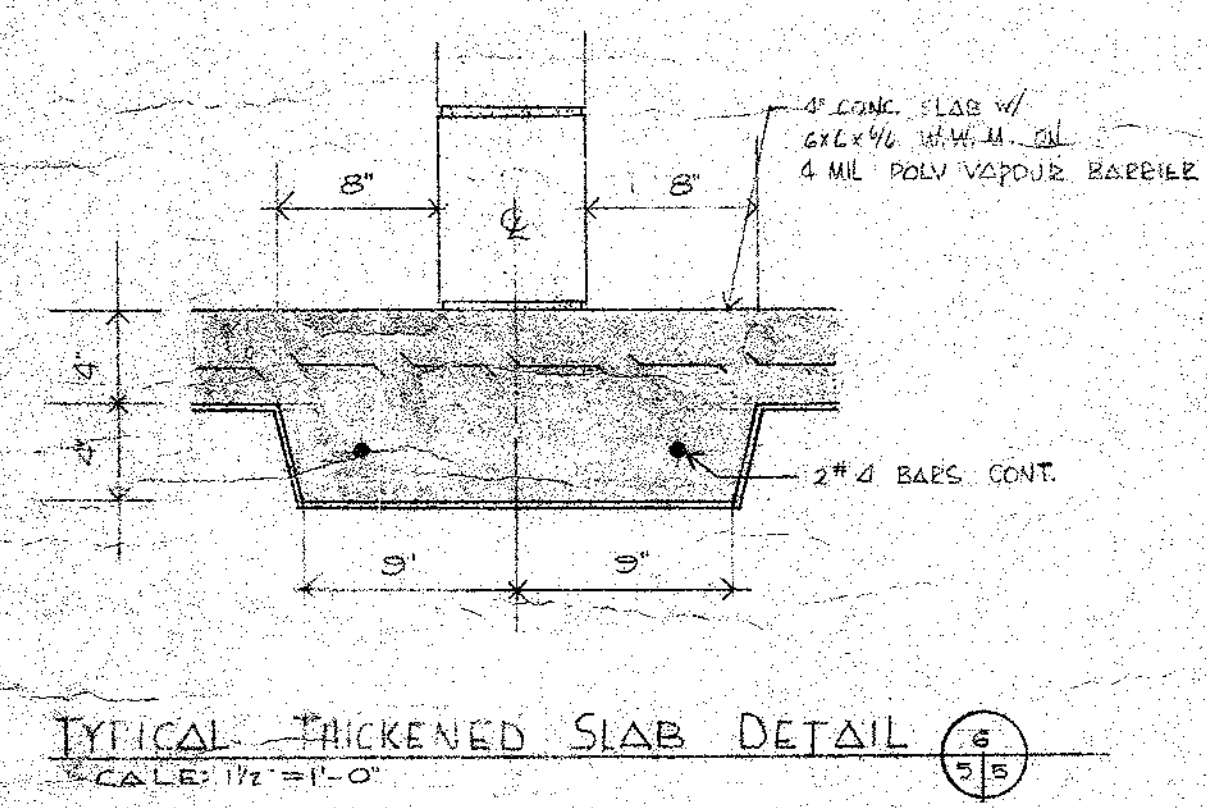
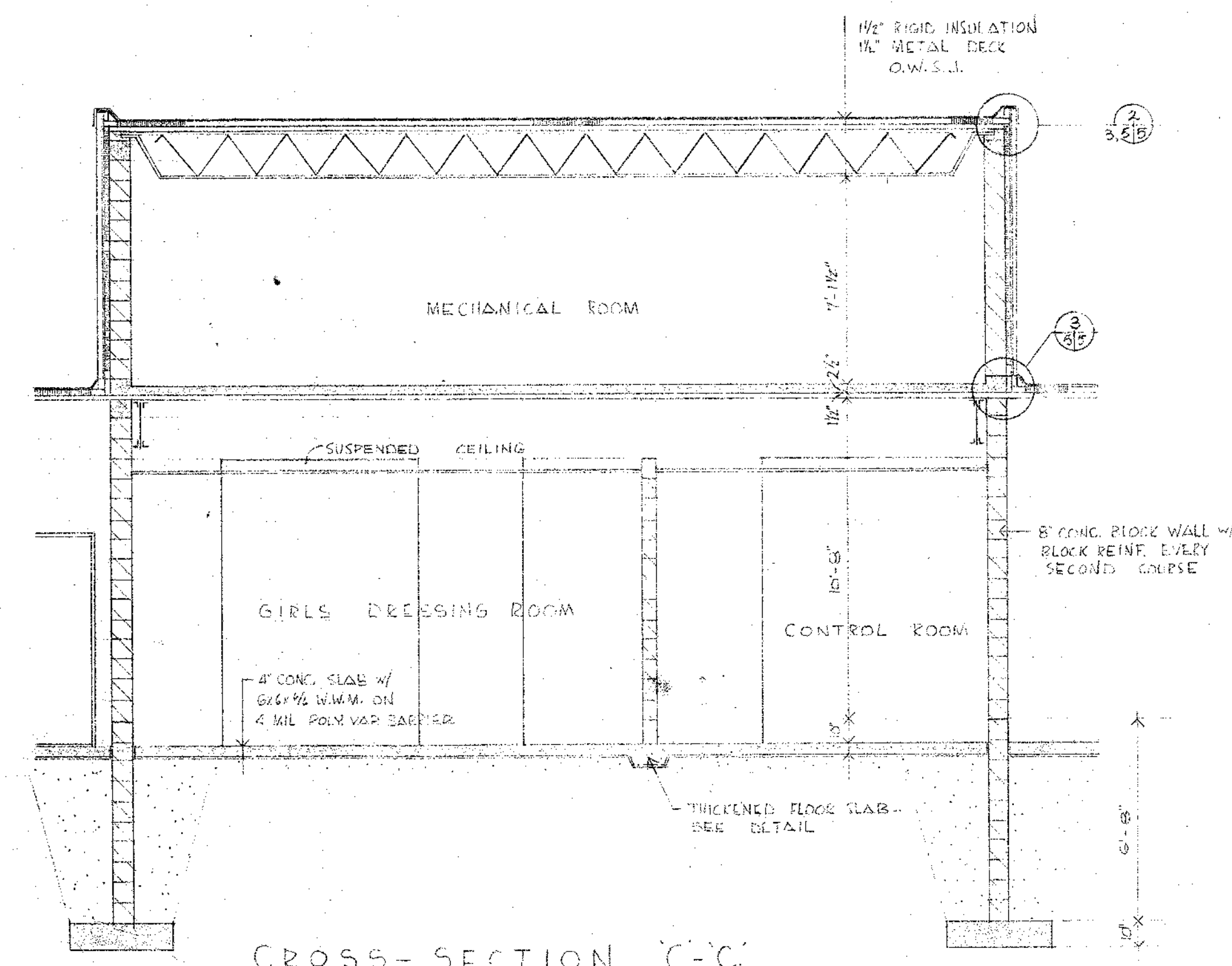
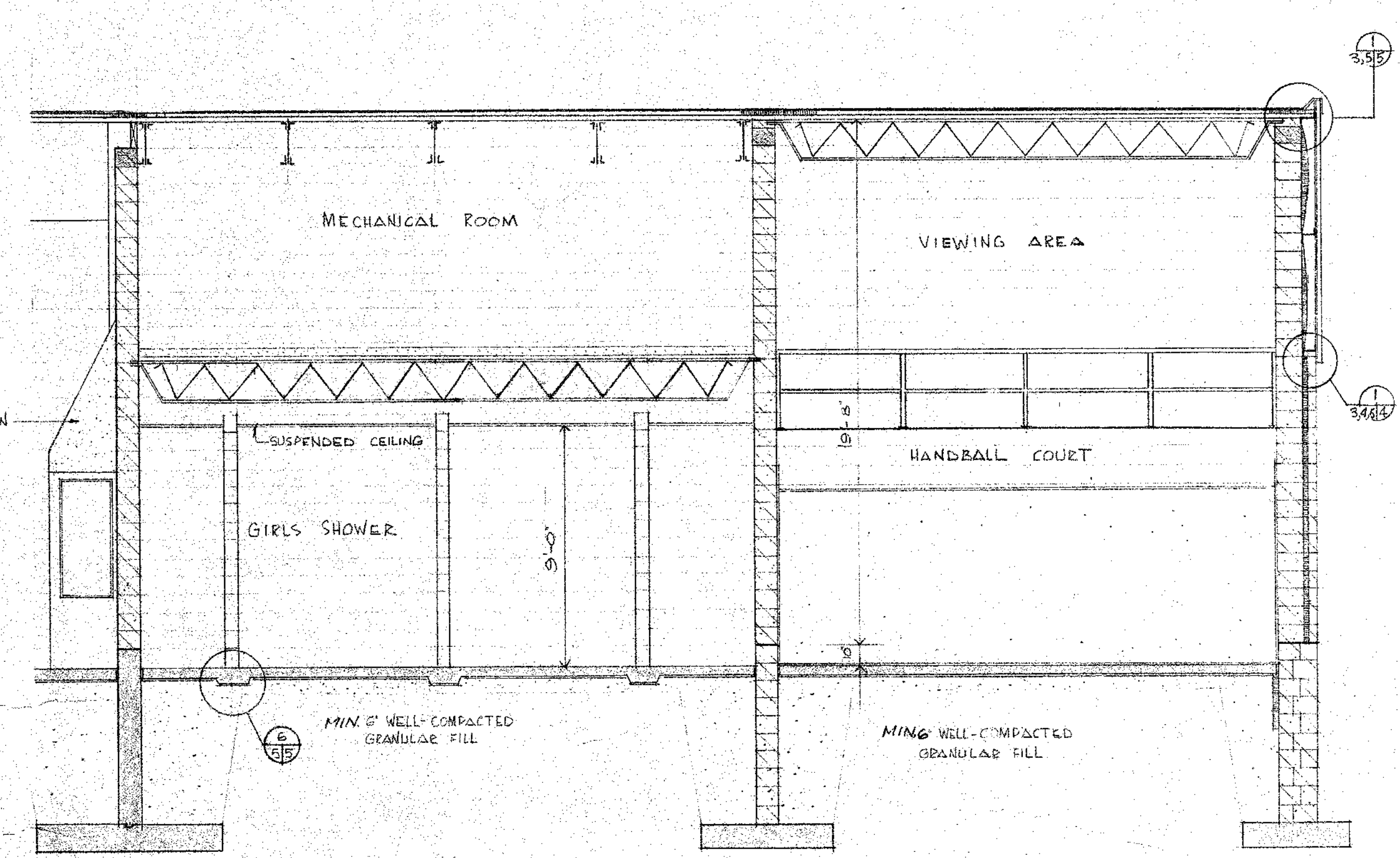
CLIENT:
PORT FRANKLIN MILL

DRAWING TITLE:
FOUNDATION & DETAILS

DATE	SCALE	IN CHARGE
DATE: 2/1/75	SCALE: 1/4" = 1'-0"	IN CHARGE: J. D. PATON
DRAWN BY: J. D. PATON	CHECKED BY: J. D. PATON	AS CAPTAIN: J. D. PATON
PROJECT NO. 100	SHEET NO. 1	SHEET NO. 1

ALL DRAWINGS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF CANADIAN SWIMMING POOL DESIGN SERVICES LIMITED AND MUST BE RETURNED UPON REQUEST. REPRODUCTIONS OF DRAWINGS AND RELATED DOCUMENTS IN PART OR IN WHOLE IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF CANADIAN SWIMMING POOL DESIGN SERVICES LIMITED.

DATE: AUG 27/73
 ISSUED FOR: TENDER

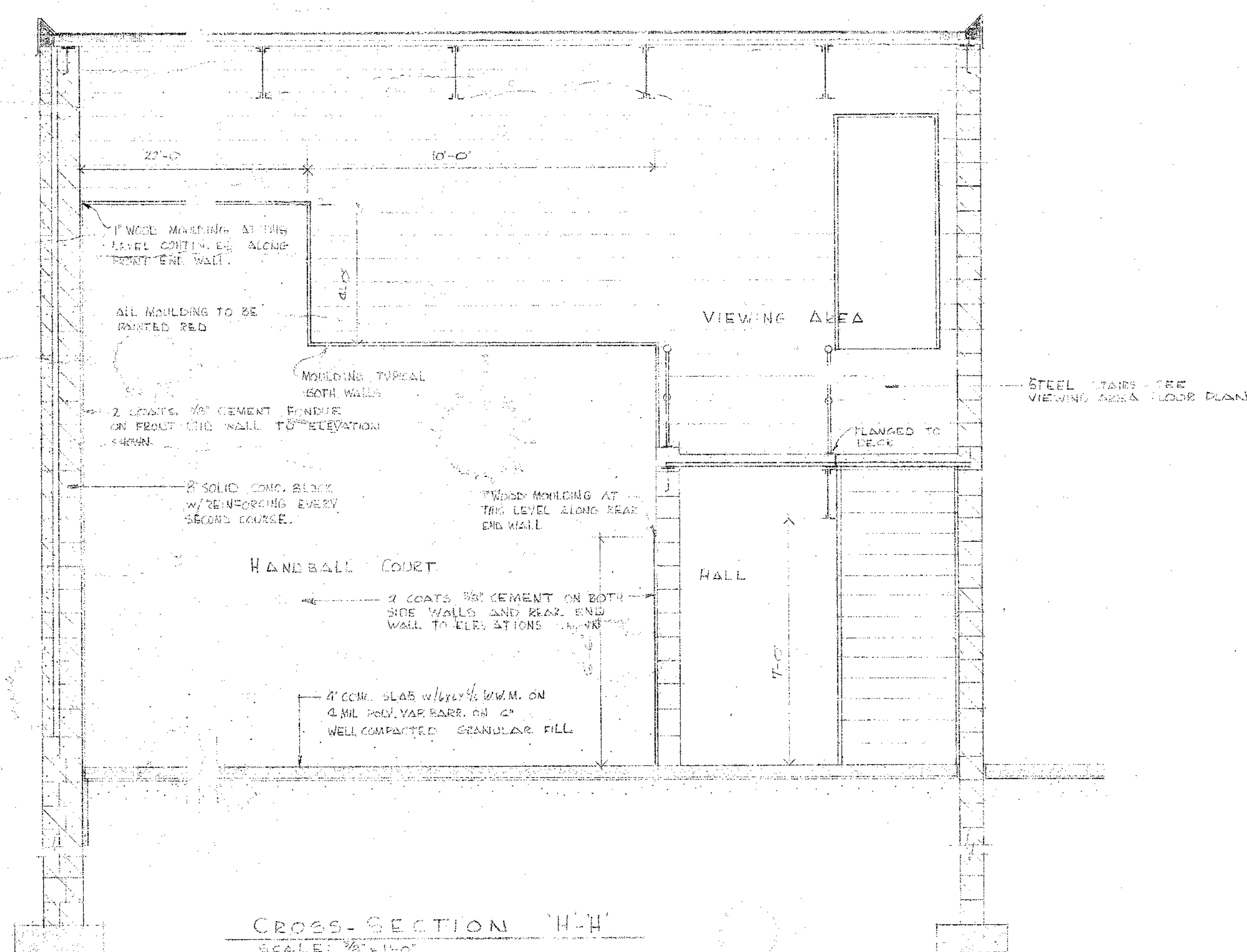
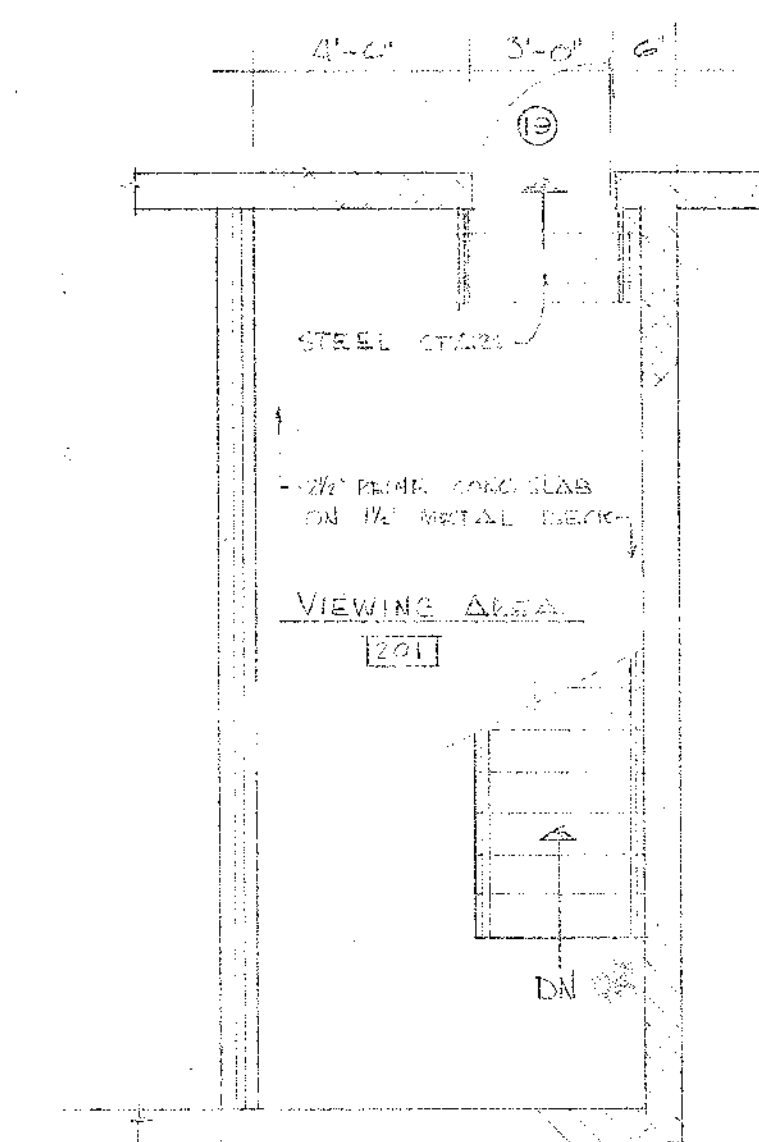
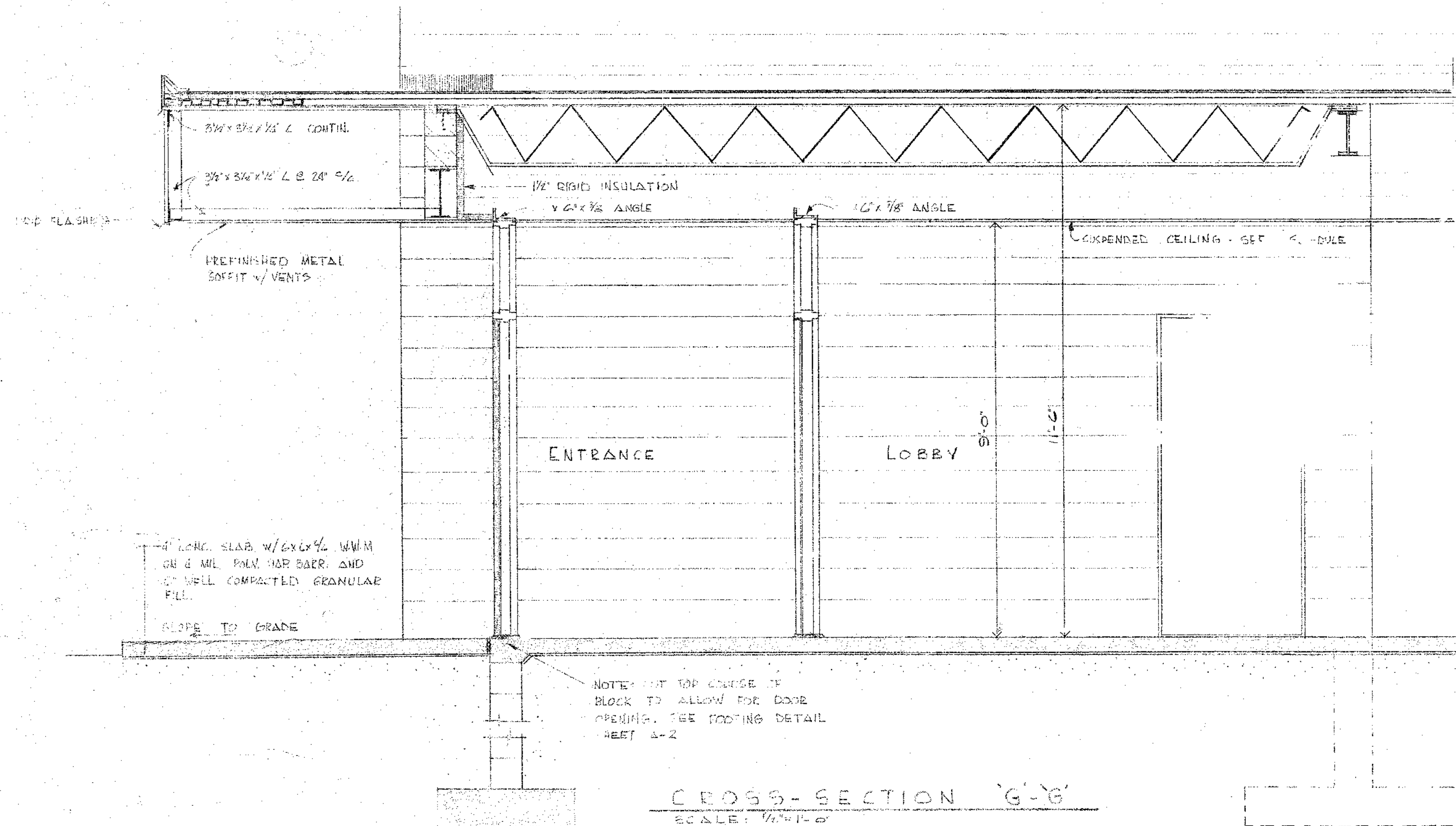


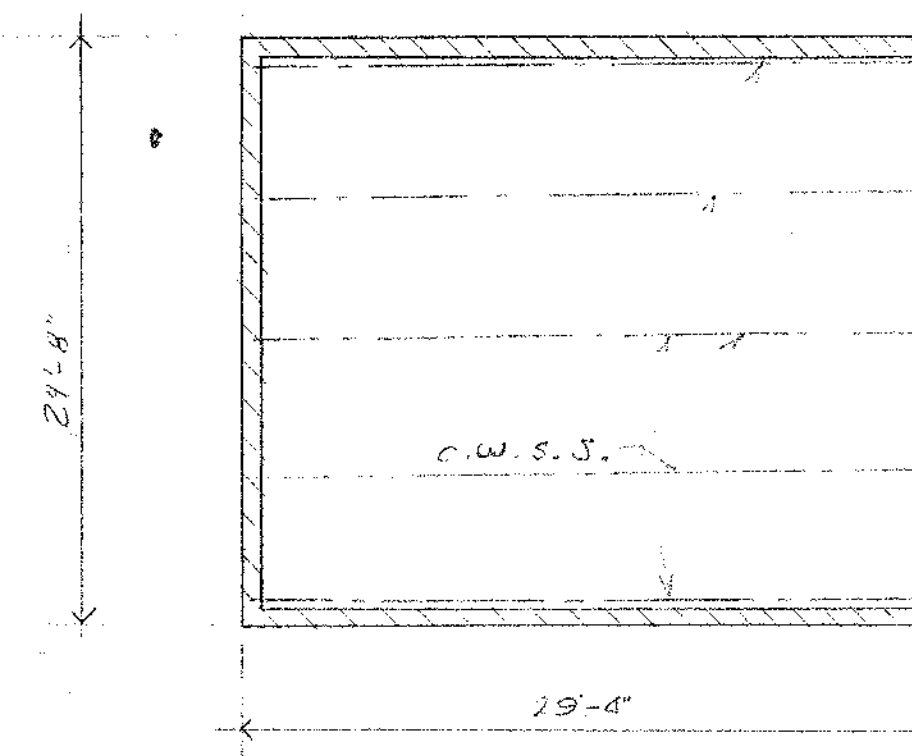
CONSULTING ENGINEER
 WINDSOR - DUNDAS - TORONTO
 HEAD OFFICE 2100 SOUTH PACIFIC AVE., P.O. BOX 577
 WINDSOR, ONTARIO N7A 5M6 TEL. (519) 232-8155

GENERAL CONTRACTOR
 LOANING CHILDREN
 COMPANY LIMITED

PROJECT TITLE:
 PORT PAINES CIVIC
 IMPROVEMENTS
 CLIENT:

DRAWING TITLE:
 CROSS-SECTION
 & DETAILS
 DATE: AUG 27/73
 SCALE: 1/4" = 1'-0"
 IN CHARGE:
 DRAWN BY:
 CHECKED BY:
 PROJECT NO.:
 SET NO.:





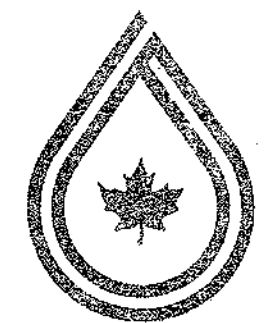
MECHANICAL ROOM FRAMING PLAN
SCALE: 1/8" = 1'-0"

ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

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[illegible]

1. The first part of the document is a letter from the President of the United States to the Congress, dated March 3, 1837. It is a message of congratulatory and encouragement to the new Congress, and it contains a review of the administration of the President during the past year. The letter is signed by Andrew Jackson.	2. The second part of the document is a report from the Secretary of the Treasury, dated March 3, 1837. It contains a detailed account of the financial condition of the United States, and it includes a table showing the receipts and expenditures of the Treasury for the year ending December 31, 1836. The report is signed by James Smith.
3. The third part of the document is a report from the Secretary of the Interior, dated March 3, 1837. It contains a detailed account of the land and mineral resources of the United States, and it includes a table showing the amount of land and minerals that have been surveyed and located. The report is signed by James Smith.	4. The fourth part of the document is a report from the Secretary of the Navy, dated March 3, 1837. It contains a detailed account of the naval operations of the United States, and it includes a table showing the number of ships and crews that have been employed. The report is signed by James Smith.



CONSULTING: 1989-1999

WINDSOR - DUNDAS - TORONTO
HEAD OFFICE: 2130 SOUTH PACIFIC AVE., P. O. BOX 577
WINDSOR, ONTARIO N9A 6M6 TEL. (519) 252-8155

GENERAL CONTRACTORS:

Los Angeles Consolidated
COMPANY LIMITED

PROJECT TITLE

Fort Fox Lake Community
Swimming Pool

CLIENT

DRAFTING YIT

1964.10.15. 10/15/64
2nd 10/15/64

DATE :	SCALE :	IN CHARGE :
DRAWN BY :	CHECKED BY :	JOB CAPTAIN :
PROJECT NO. :	SST NO. :	SHEET NO. :

SYMBOLS

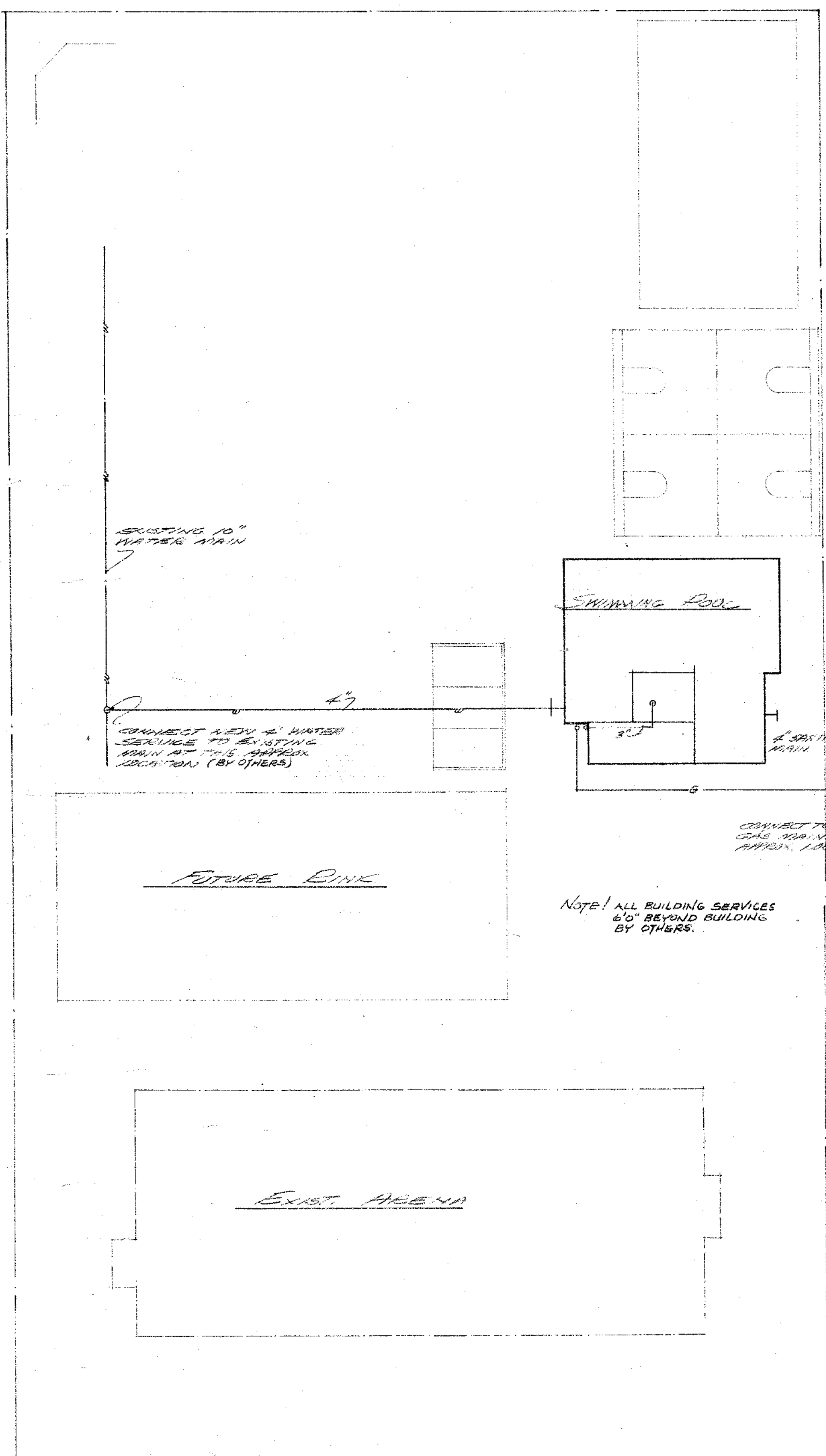
- | | | |
|----------|----------|-------------------|
| <u>W</u> | <u>W</u> | COLD WATER |
| <u>H</u> | <u>H</u> | HOT WATER |
| <u>H</u> | <u>H</u> | HOT WATER BETWEEN |
| <u>V</u> | <u>V</u> | VENT PIPING |
| <u>S</u> | <u>S</u> | SANITARY MAIN |
| <u>G</u> | <u>G</u> | GAS PIPING |

ABBREVIATIONS

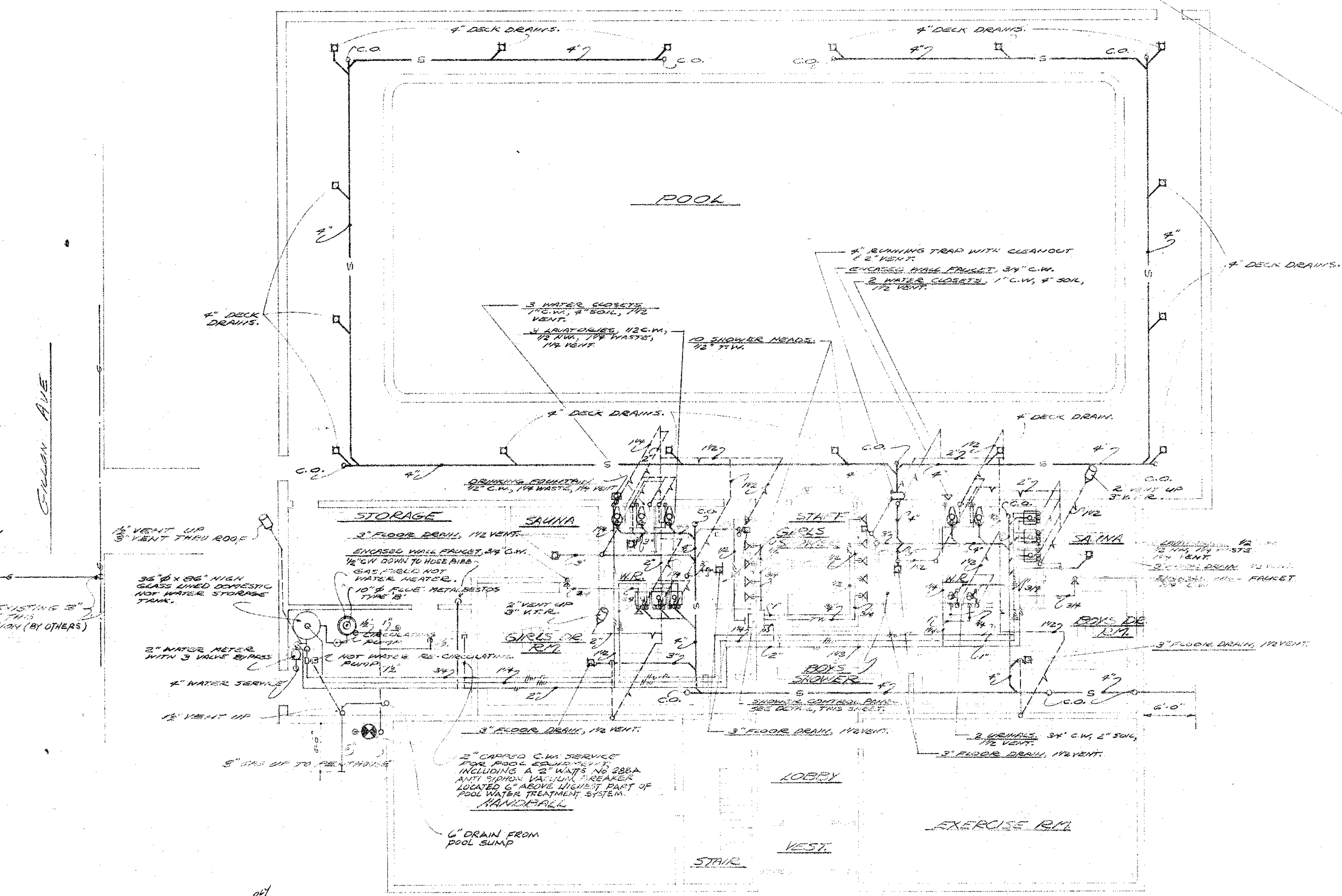
- S.A.D. -- SUPPLY AIR DIFFUSER
S.A.R. -- SUPPLY AIR REGISTER
E.A.R. -- EXHAUST AIR REGISTER
B.A.R. -- RETURN AIR REGISTER

General Notes

DO NOT SCALE DRAWING. THIS INSTALLATION PURPOSES AS A ALL DIMENSIONS FROM ARCHITECTURAL PLANS & MANUFACTURERS DATA SHEETS.

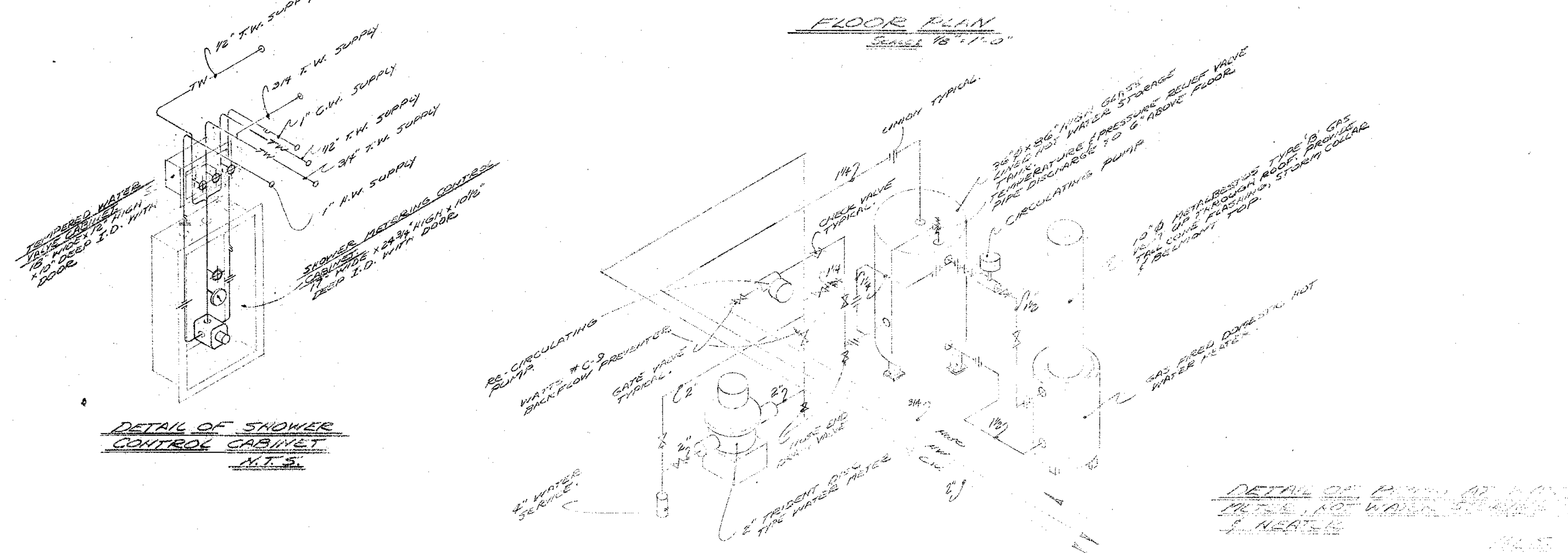


NOTE! ALL BUILDING SERVICES
6'0" BEYOND BUILDING
BY OTHERS.



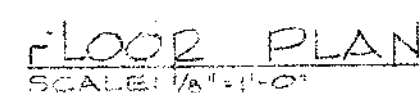
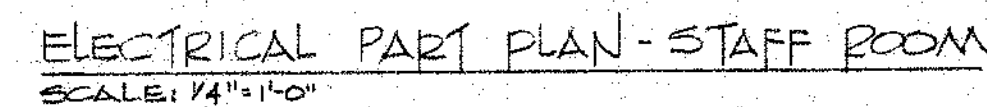
FLOOR PLAN

١٥٠٠

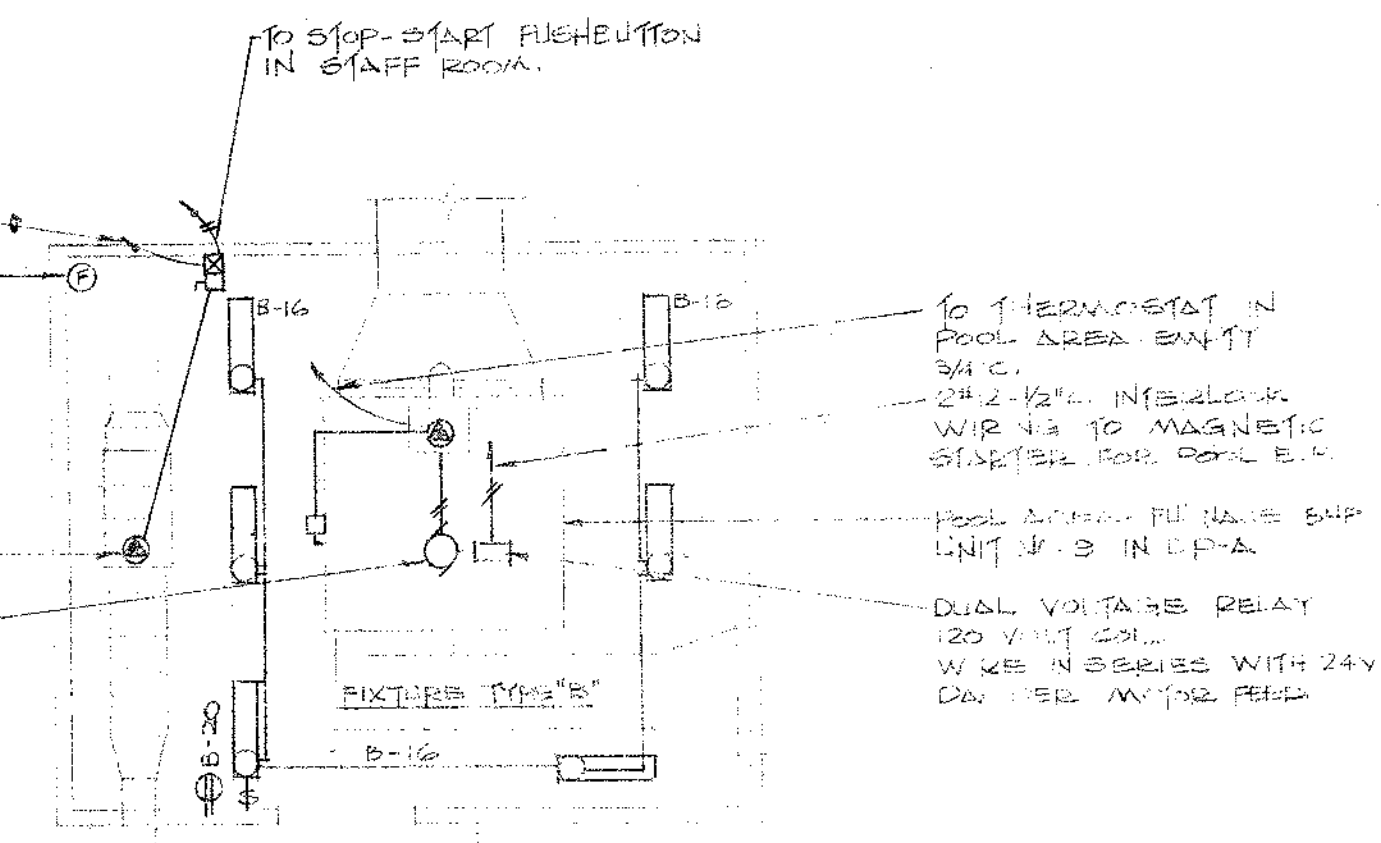
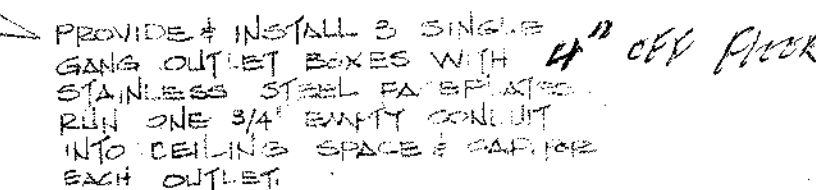


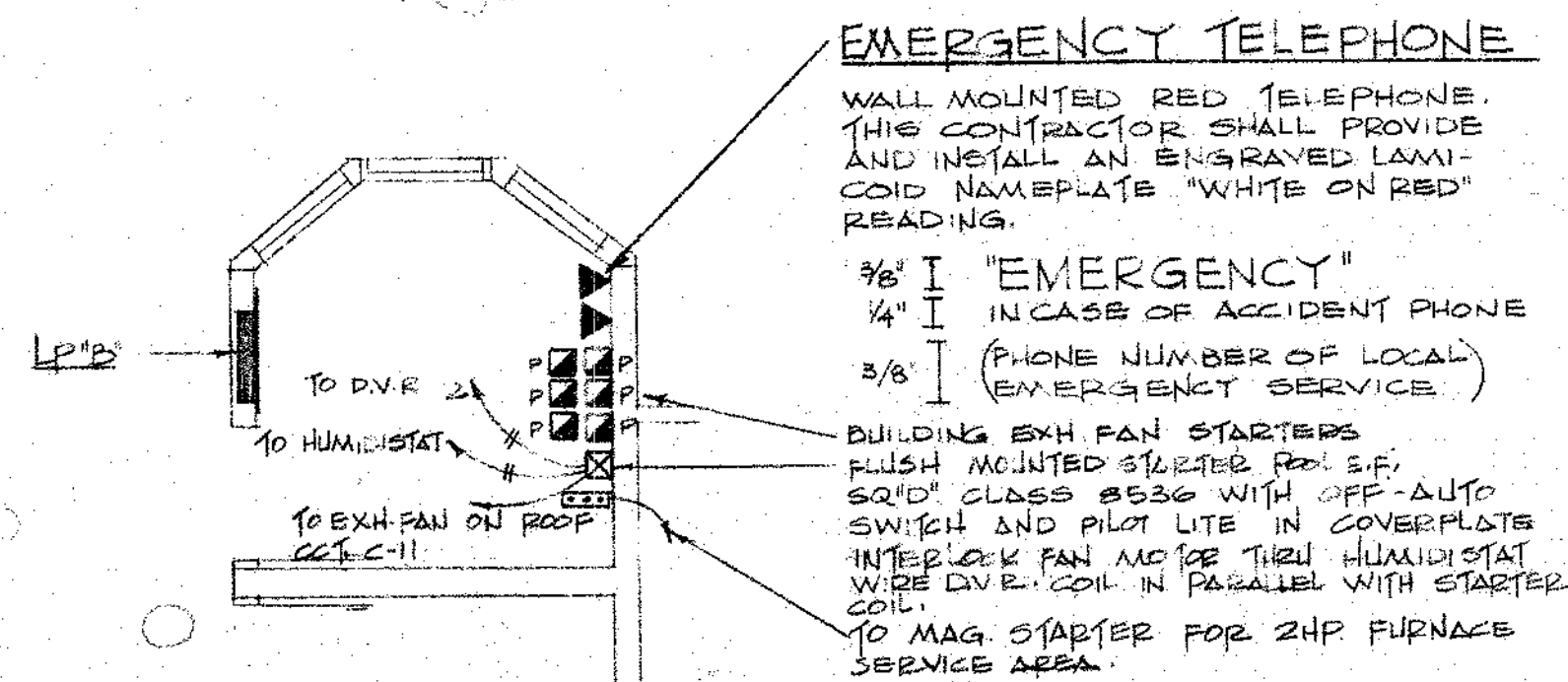
DETAIL OF SHOWER
CONTROL CABINET

N. T. S.



II. POOL LIGHTING IS DESIGNED TO PROVIDE AN AVERAGE MAINTAINED LEVEL OF 30FC AT DECK AND WATER SURFACES. THIS CONTRACTOR SHALL MAKE ANY NECESSARY FIELD ADJUSTMENTS TO FIXTURE POSITIONING OR MTC HEIGHT IS NEEDED TO MEET THIS REQUIREMENT.

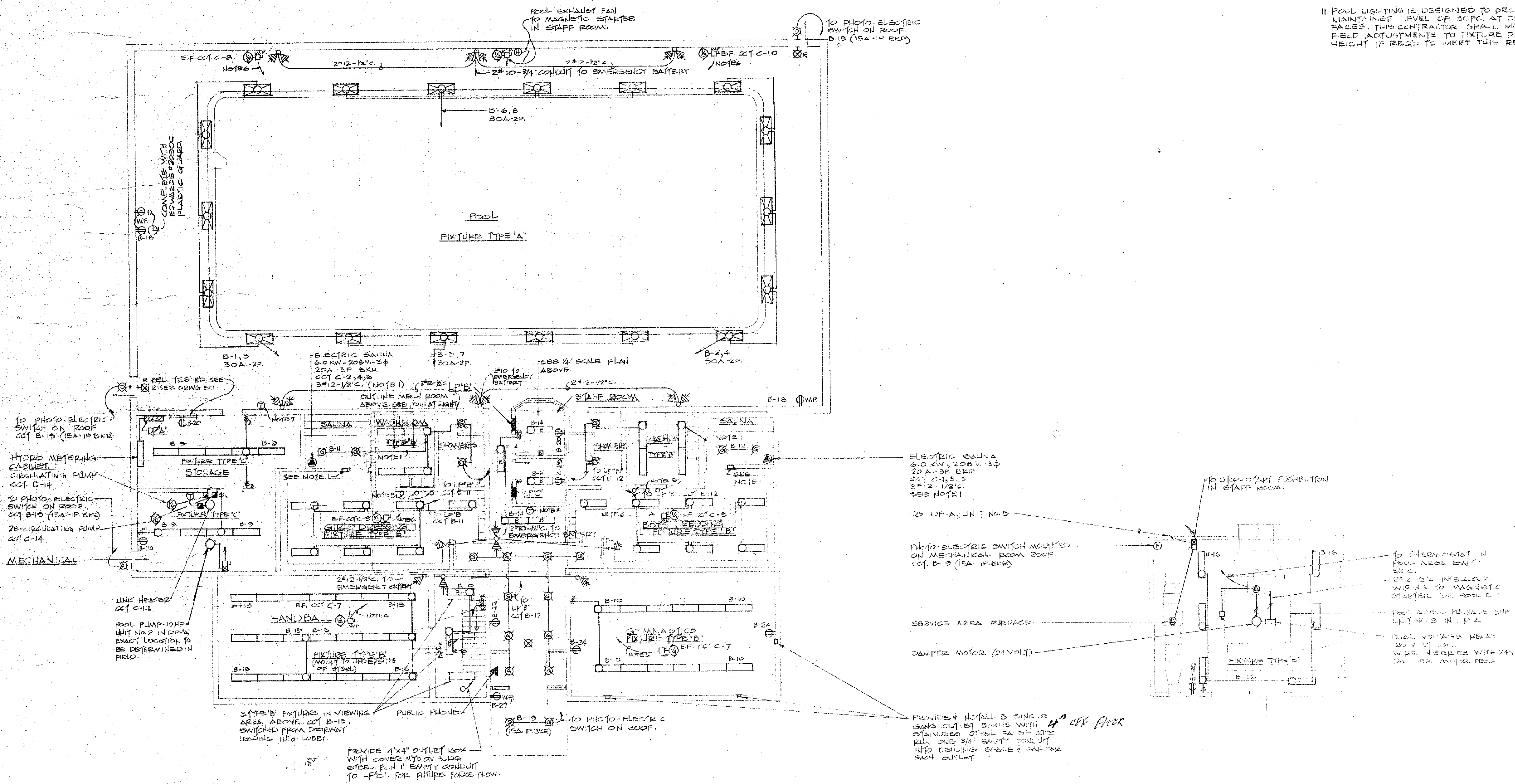




ELECTRICAL PART PLAN - STAFF ROOM
SCALE: 1/4"=1'-0"

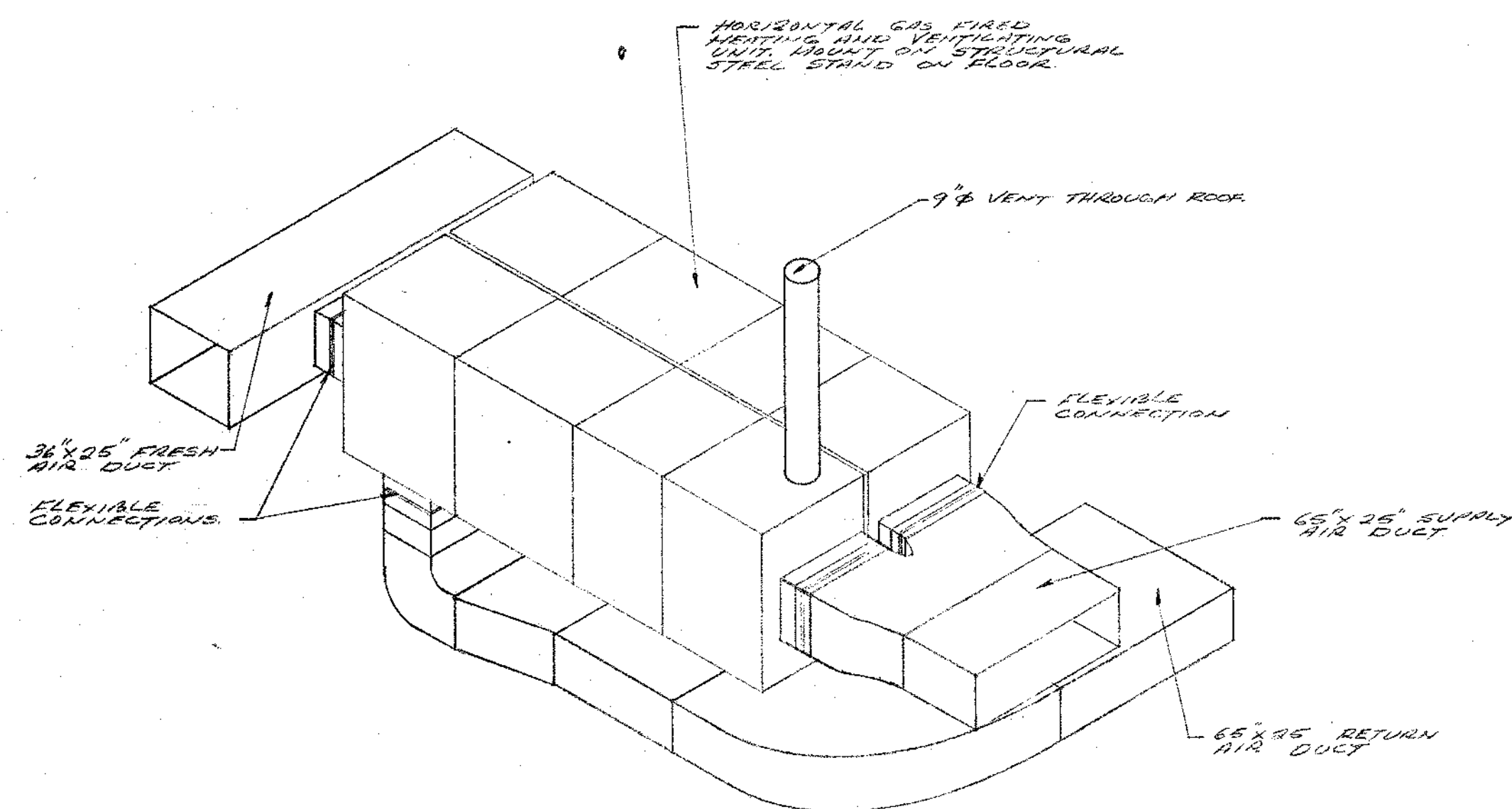
CONSTRUCTION NOTES:

1. THIS CONTRACTOR SHALL PROVIDE A RED CELL CABINET SIZED TO SUIT SAUNA CONTROLS WITH A STICK LOCK. SAUNA CONTROLS SHALL BE MOUNTED IN CABINET. ALL WIRING WITHIN SAUNA AND IN WALLS SURROUNDING SAUNA SHALL BE PREPARED. SAUNA SHALL BE AS MANUFACTURED BY FINLUX MODEL NO. FLE-2000 W/ 15 V-10 50 STAMP. STONES AND CONTROLS.
2. ALL LIGHTING BREAKERS SHALL BE 20 AMP UNLESS NOTED OTHERWISE.
3. D.P.A. SHALL BE SERVICE ENTRANCE THE BOARD AS SHOWN. RATED FOR 400 AMP SERVICE 120/208 VOLT 3P 4W 3P. SHALL HAVE MAIN BUSSES DISCONNECT, UTILITY METER, SECTION, RATED DISSECTION SECTION, FULL BLOCK WITH SILVER PLATED CONTACTS ON ALUMINUM. FUSE RULL. SAFETY INTERNAL GROUND BUS PANEL SHALL BE BRACED TO WITHSTAND 20,000 A.M.C. STV. ABSORBED.
4. ALL PIPES SHALL BE DUAL ELEMENT NON REMOVABLE FUSEBURN AS MANUFACTURED BY BUSSEMAN.
5. THIS CONTRACTOR SHALL PROVIDE AND INSTALL 2-25 AMP FUSE BOXES WITH STAINLESS STEEL BLANK PLATE MOUNTED 5/8" ABOVE FINISHED FLOOR FOR FUTURE HAIR LINTERS. RUN ONE 3/4" EMPTY CONDUIT FROM EACH BOX AND CAP AT TOP.
6. TO MANUAL STARTER IN STAFF ROOM. 2#12-1/2".
7. RUN EMPTY 3/4" C. FROM THERMOSTAT TO SHIP POOL AREA FURNACE.
8. RUN EMPTY 3/4" C. FROM THERMOSTAT TO 2HP SERVICE AREA FURNACE.
9. PROVIDE LAMICOID NAMEPLATES WHITE LETTERING ON BLACK BACKGROUND FOR ALL PANELS, PUSH BUTTONS AND STARTERS. FASTEN WITH EPOXY RESIN ADHESIVE.
10. ALL FACEPLATES SHALL BE STAINLESS STEEL TYPE 304.
11. POOL LIGHTING IS DESIGNED TO PROVIDE AN AVERAGE MAINTAINED LEVEL OF 30FC AT DECK AND WATER SURFACES. THIS CONTRACTOR SHALL MAKE ANY NECESSARY FIELD ADJUSTMENTS TO FIXTURE POSITIONING OR MTE HEIGHT IF REQUIRED TO MEET THIS REQUIREMENT.



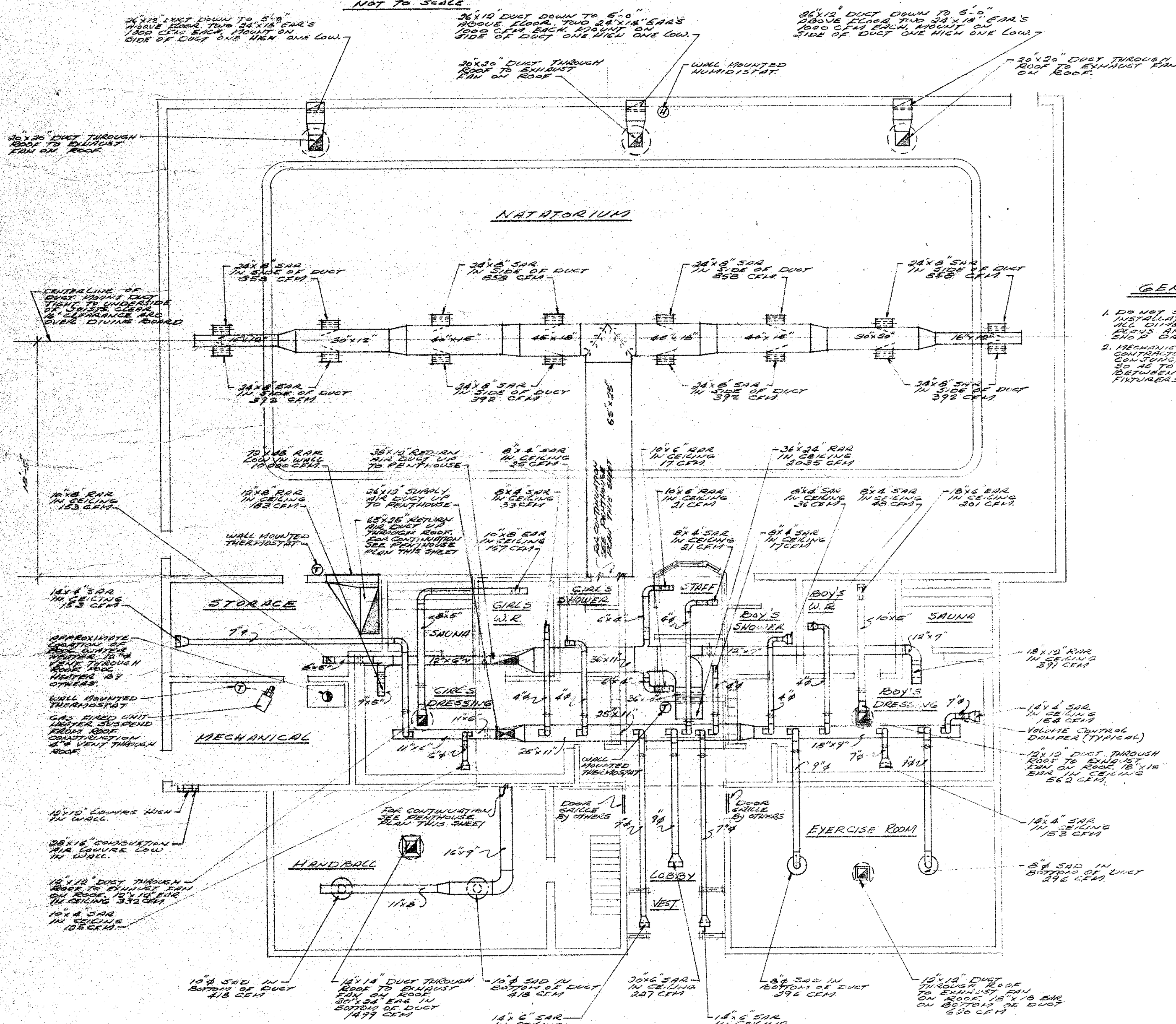
FLOOR PLAN
SCALE: 1/8"=1'-0"

Canadian Swimming Pool Design Services Limited	
WINDSOR: 2180 SOUTH PACIFIC AVE., P.O. BOX 577 WINDSOR, L9A 4B6 TEL: (519) 532-8155 TORONTO: 2180 SOUTH PACIFIC AVE., P.O. BOX 577 TORONTO, ONT. M9A 4B6 TEL: (416) 532-8155	
PROJECT NO. _____ CLIENT: _____	
DRAWING NO. _____ DATE: _____ SCALE: _____ IN CHARGE: _____ DRAWN BY: _____ CHECKED BY: _____ PROJECT NO. _____	

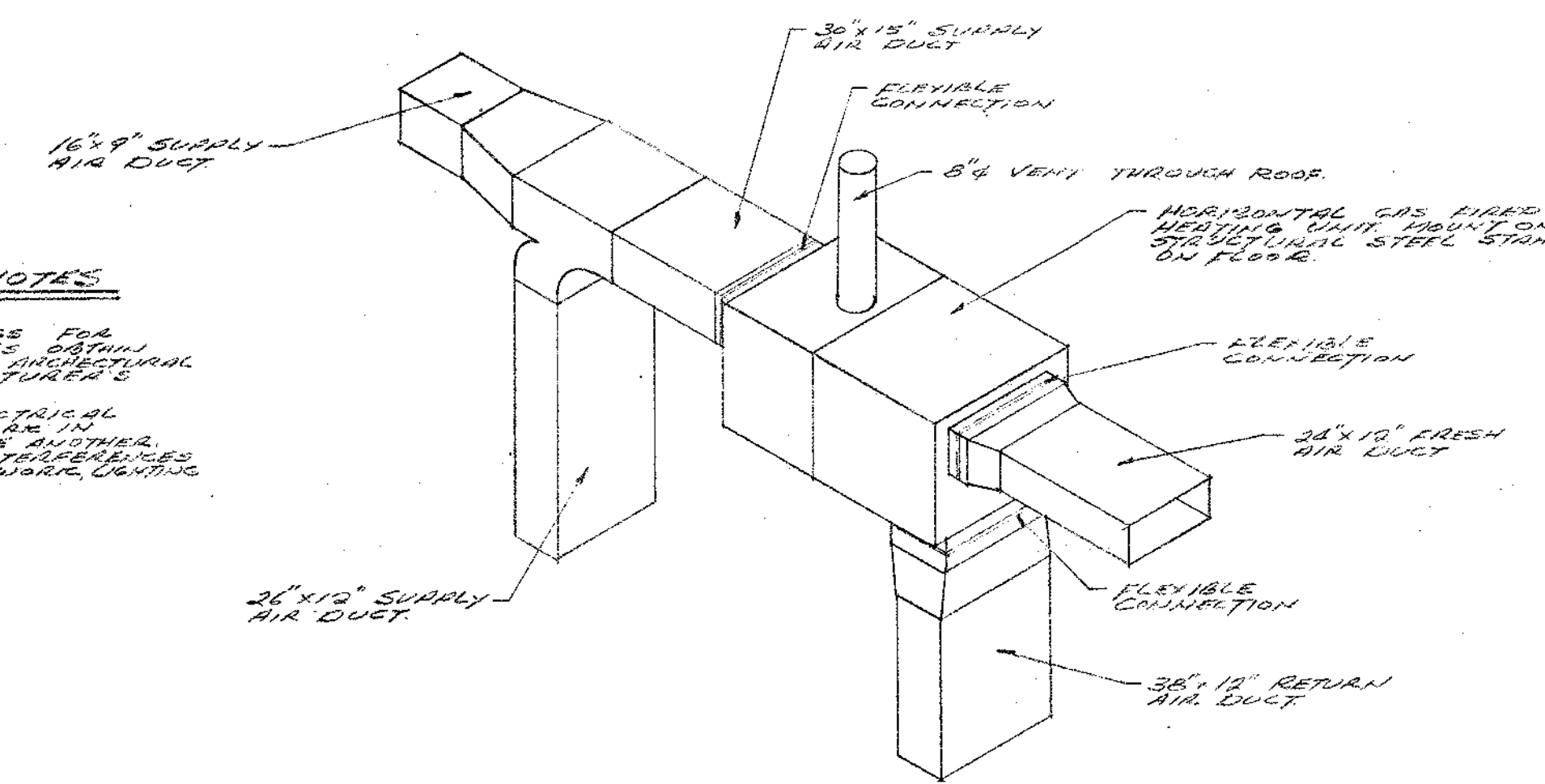


ISOMETRIC OF POOL EXHAUST SYSTEM (3 REQUIRED)
NOT TO SCALE

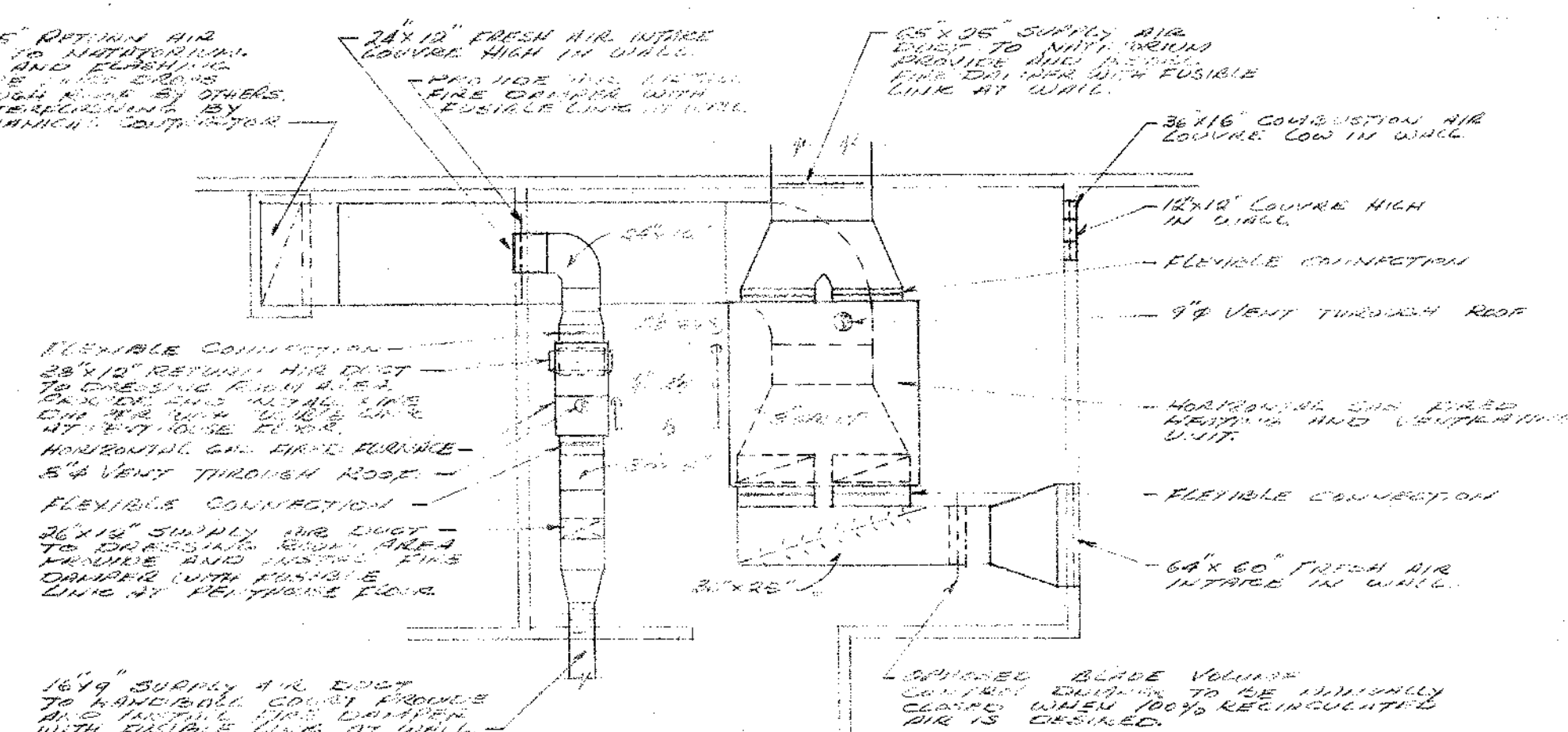
ISOMETRIC OF NATATORIUM HEATING AND VENTILATING UNIT
NOT TO SCALE



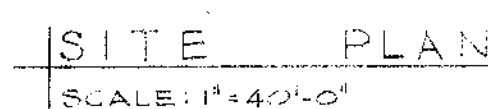
FLOOR PLAN
SCALE $\frac{1}{8}" = 1'-0"$



ISOMETRIC OF DRESSING AREA HEATING UNIT
NOT TO SCALE

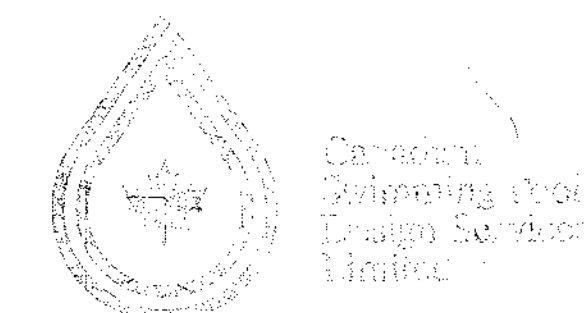


10-17-68

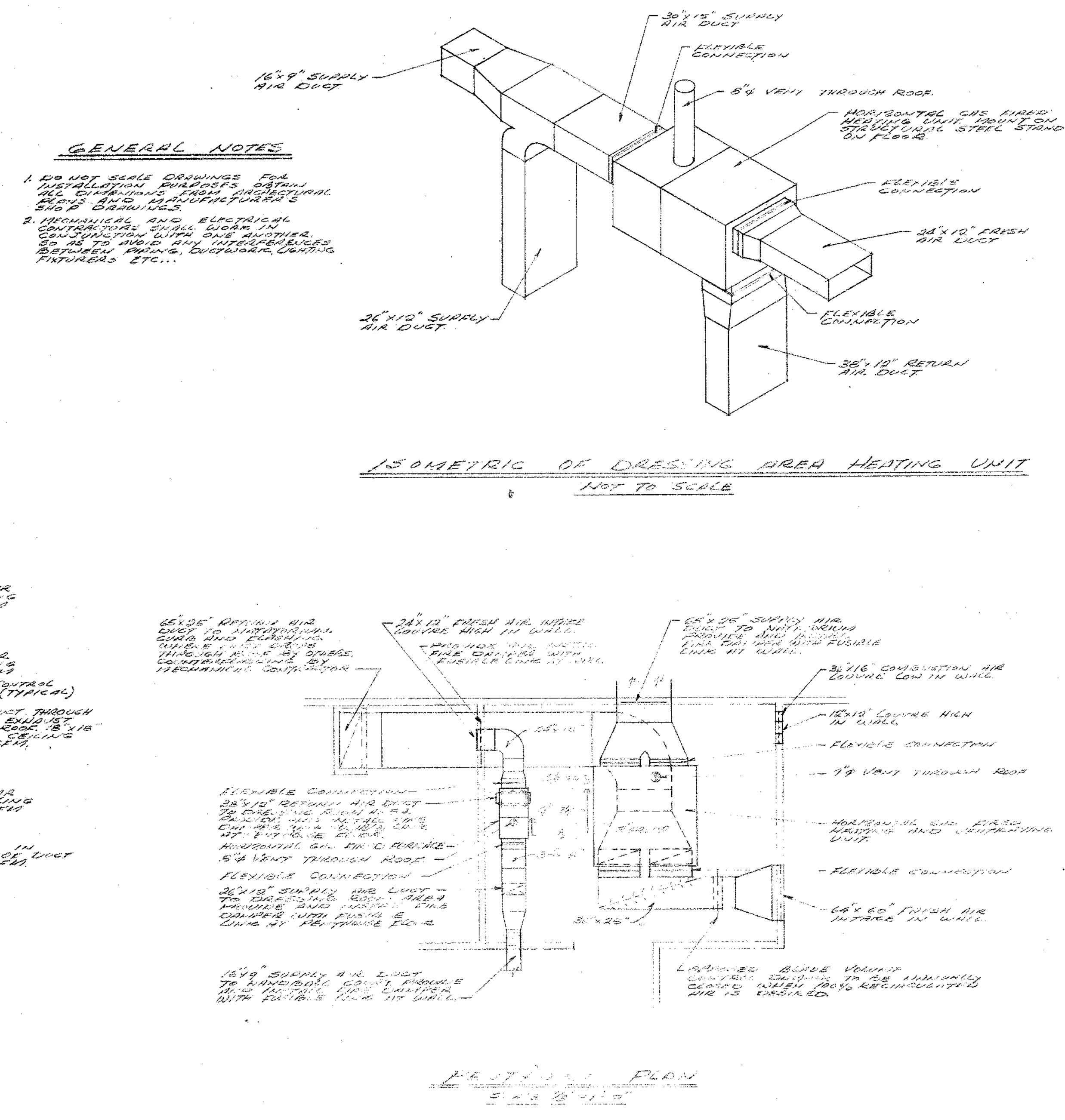
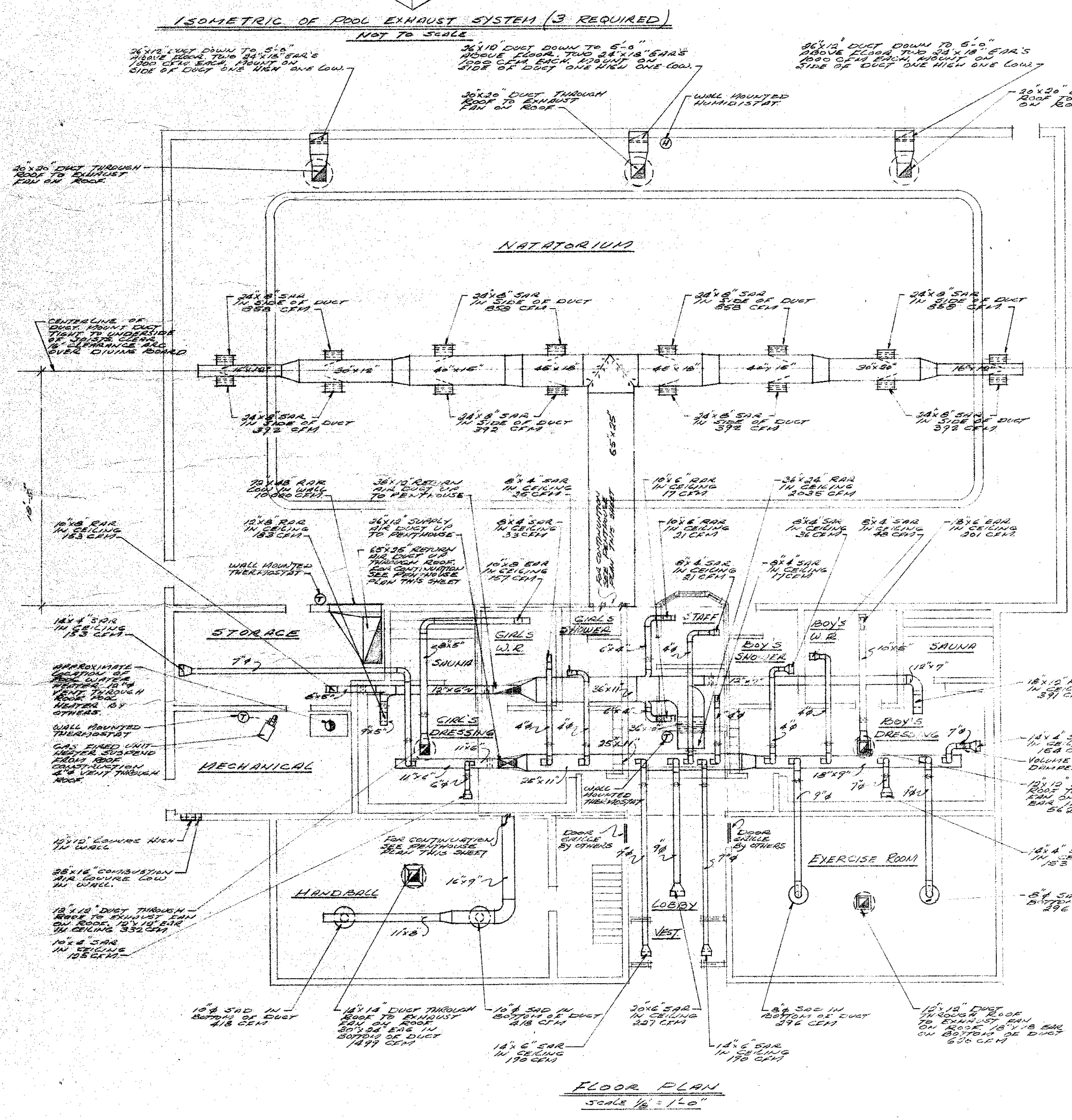
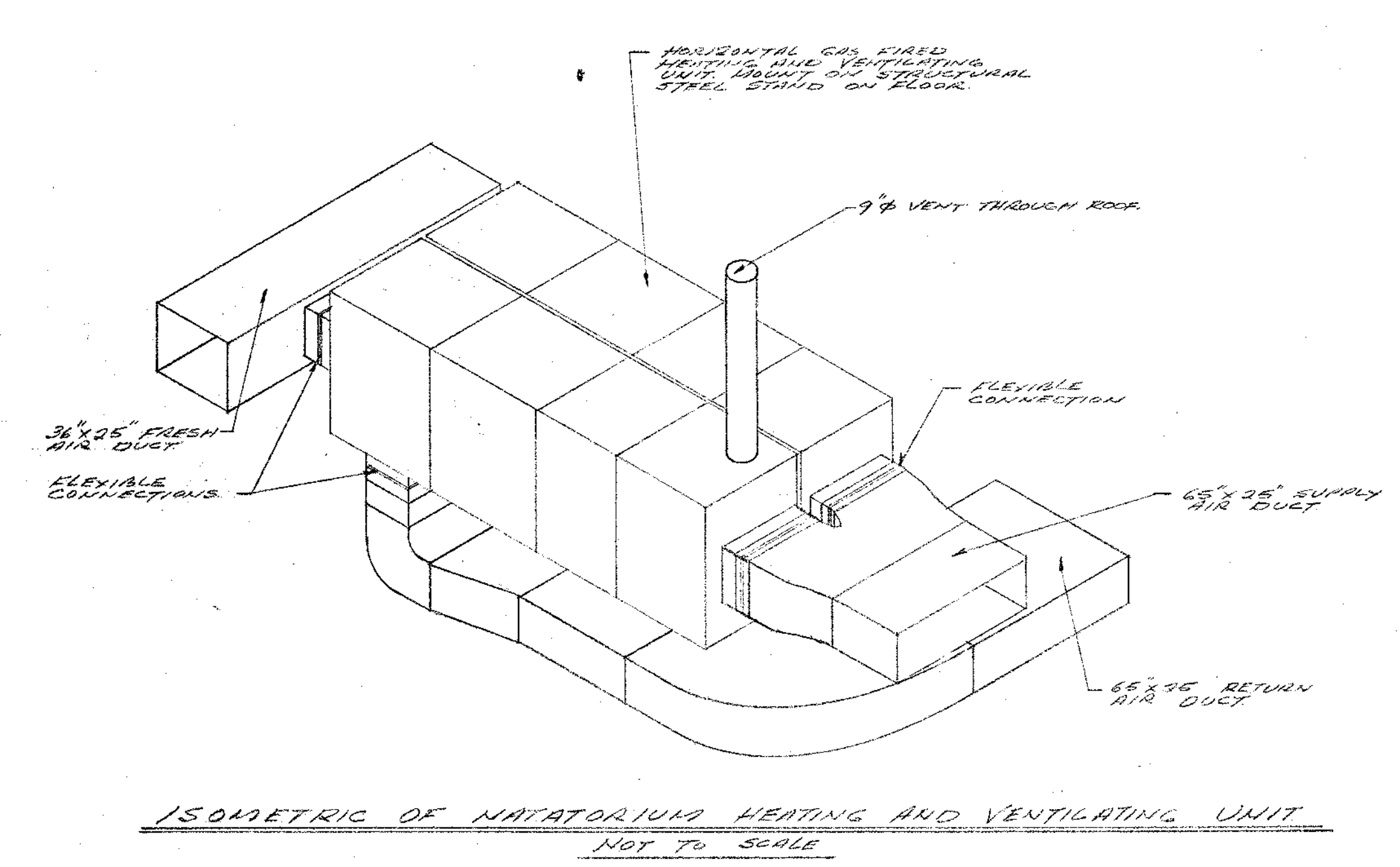
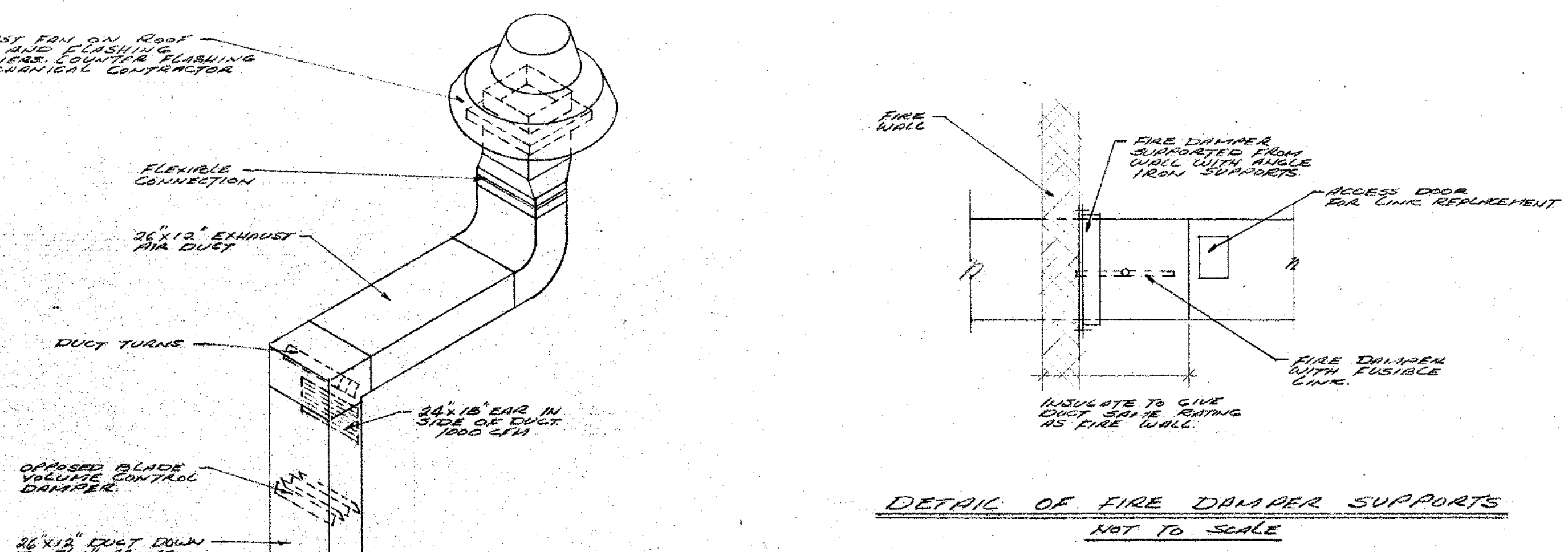


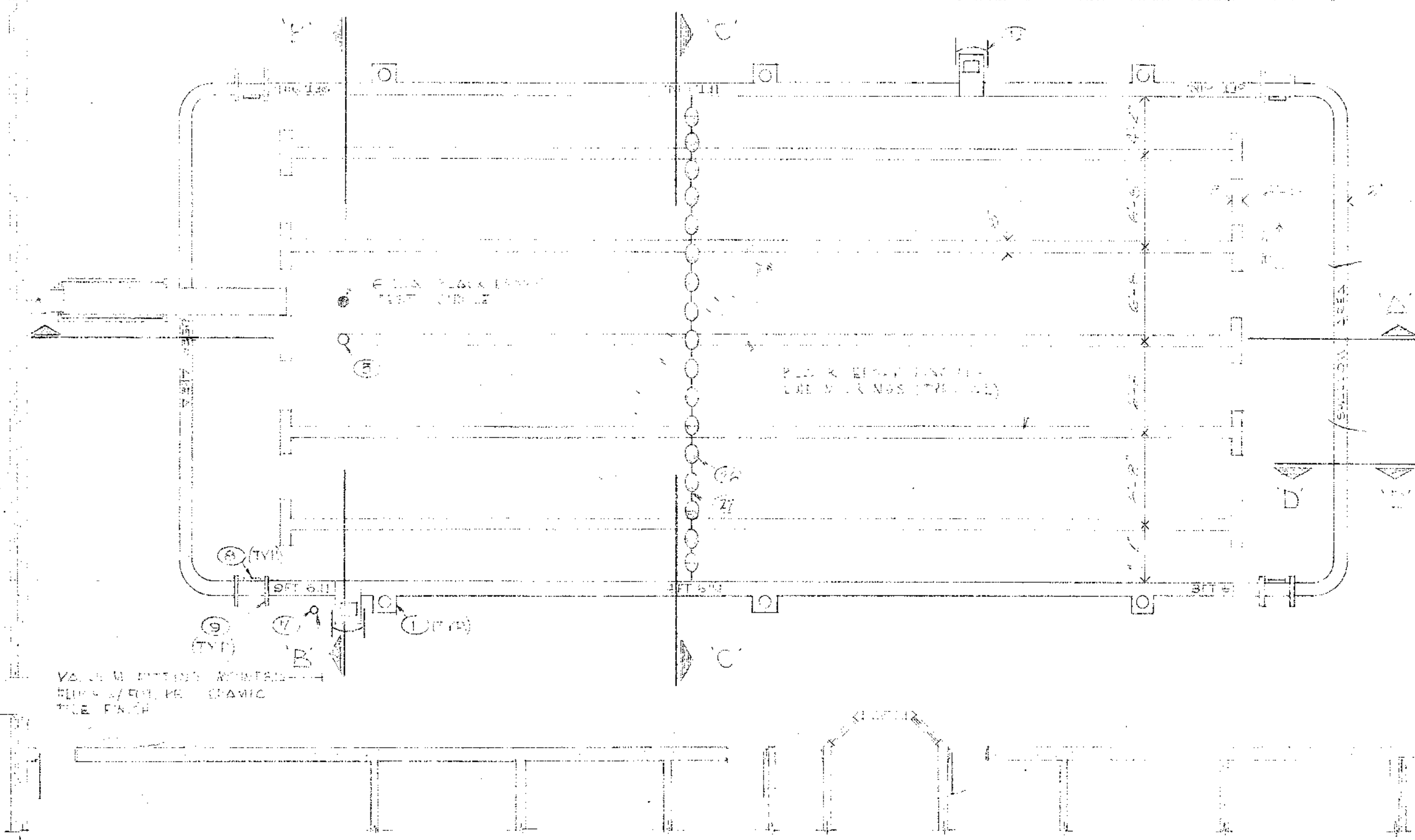
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99	99	99
100	100	100

DISTRICT OF COLUMBIA				
OFFICE OF THE DISTRICT CLERK				
FILE NO.	DATE	DESCRIPTION	AMOUNT	REMARKS
1	10/1/1917	PAID TO J. H. HARRIS	100.00	
2	10/1/1917	PAID TO J. H. HARRIS	100.00	
3	10/1/1917	PAID TO J. H. HARRIS	100.00	
4	10/1/1917	PAID TO J. H. HARRIS	100.00	
5	10/1/1917	PAID TO J. H. HARRIS	100.00	
6	10/1/1917	PAID TO J. H. HARRIS	100.00	
7	10/1/1917	PAID TO J. H. HARRIS	100.00	
8	10/1/1917	PAID TO J. H. HARRIS	100.00	
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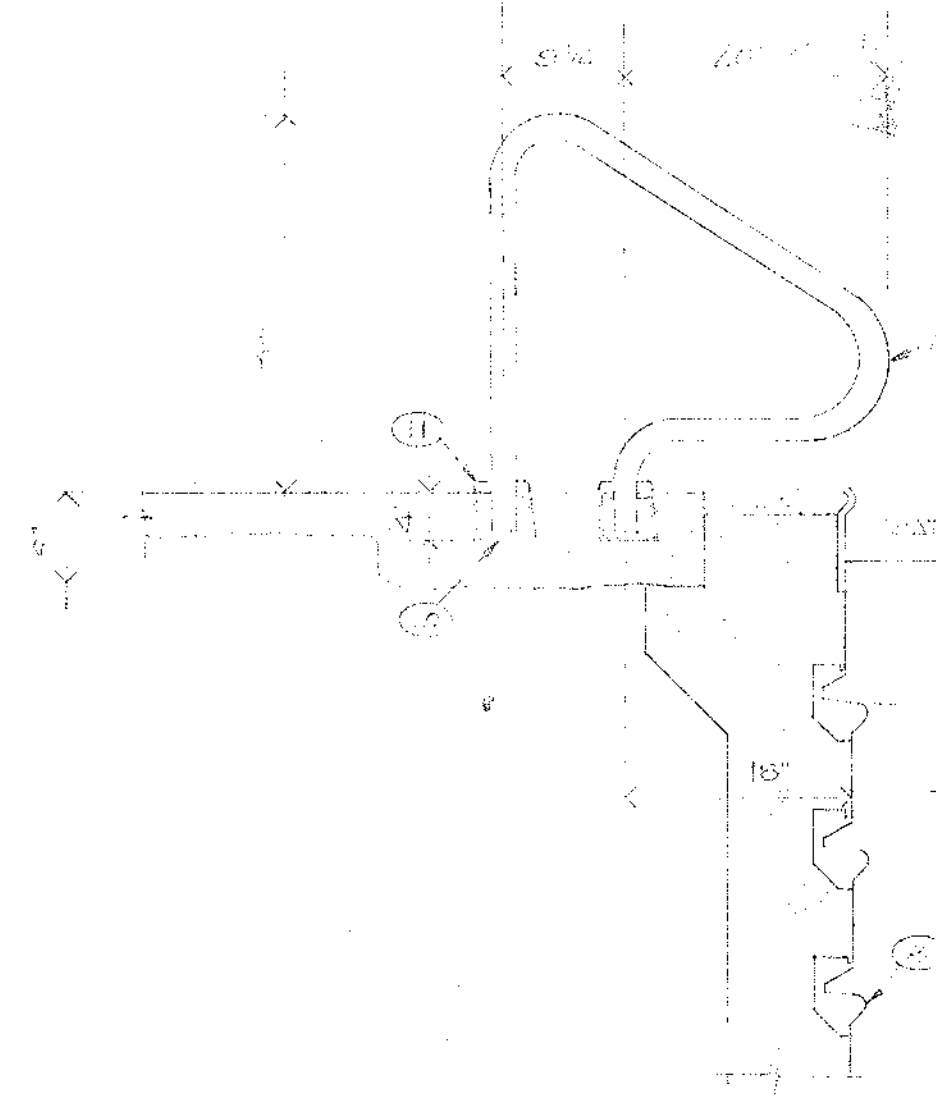
WINDSONG • JOURNAL OF THE WINDSONG SOCIETY
 READ ONLINE: WWW.WINDSONG.SOCIETY.ORG
 WINDSONG, 200-4510 HWY. 28, P.O. BOX 11111, TAMPA, FL 33626-1111



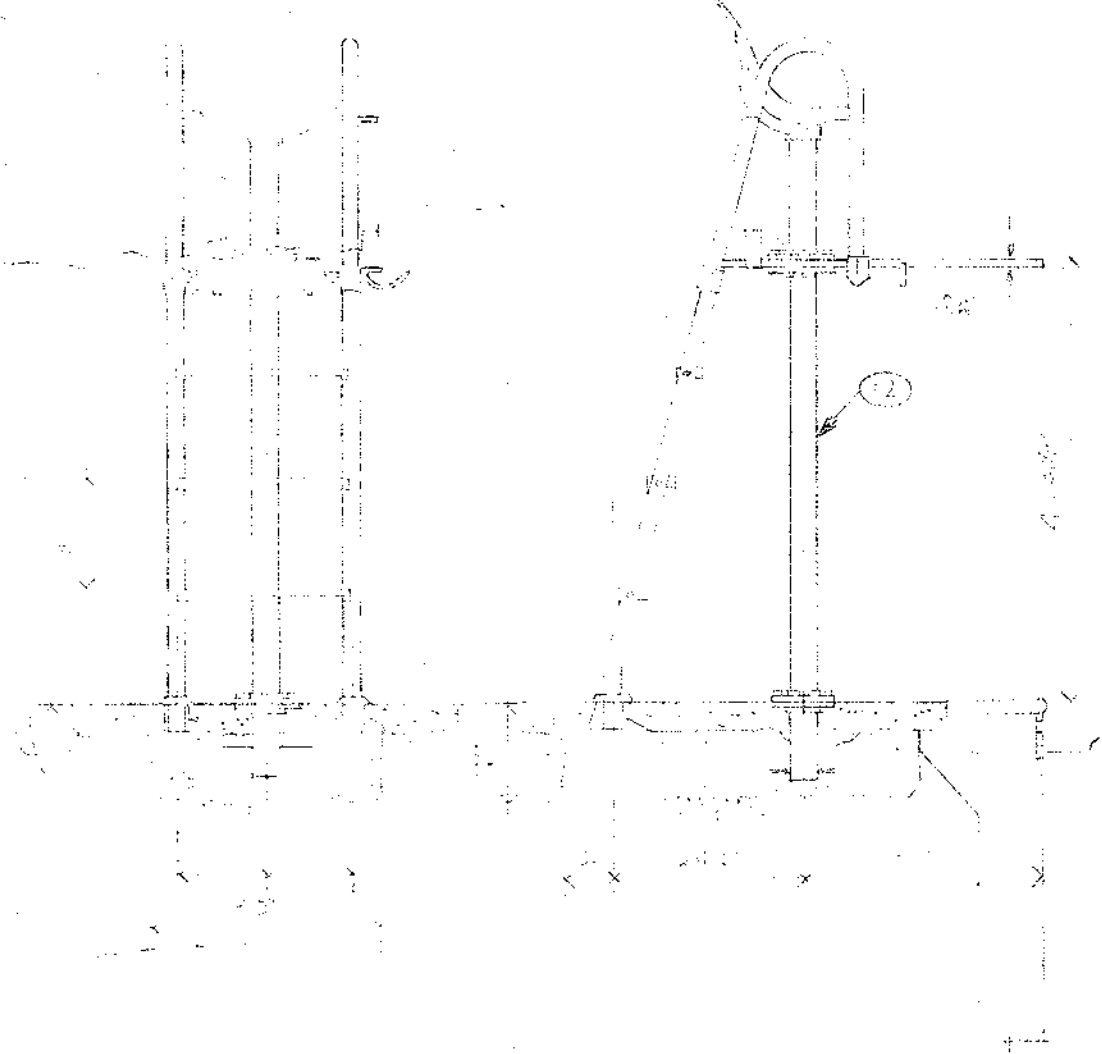


PARTIAL POOL PLAN
SCALE: 1/4" = 1'-0"

NOTE: 1. ALL POOL DEPTH MARKING
2. ALL POOL DEPTH MARKING



STEEL AND GEAR RAIL DETAIL
SCALE: 1/4" = 1'-0"

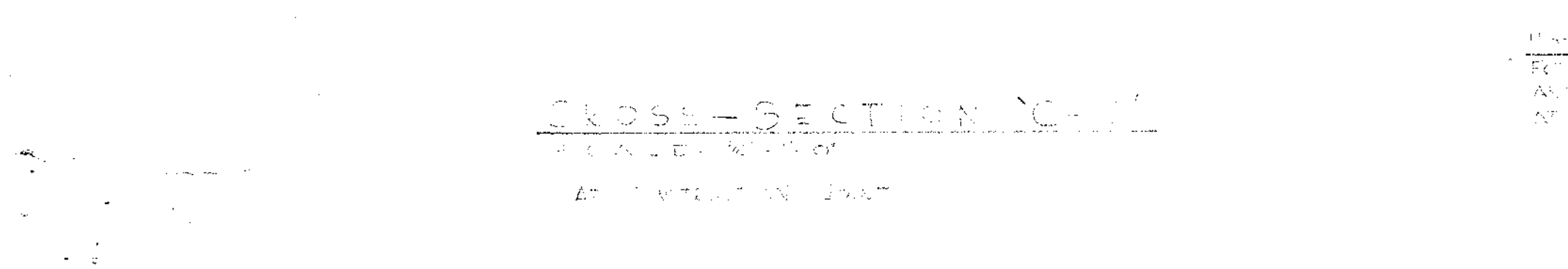
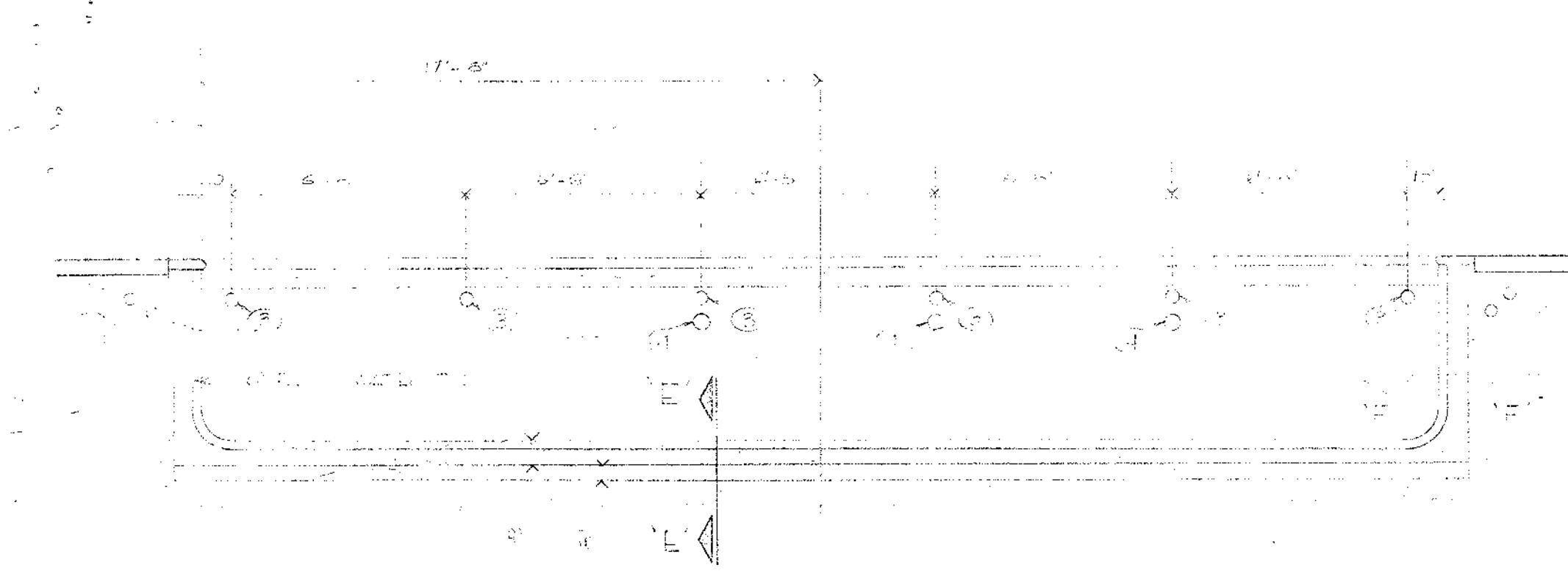
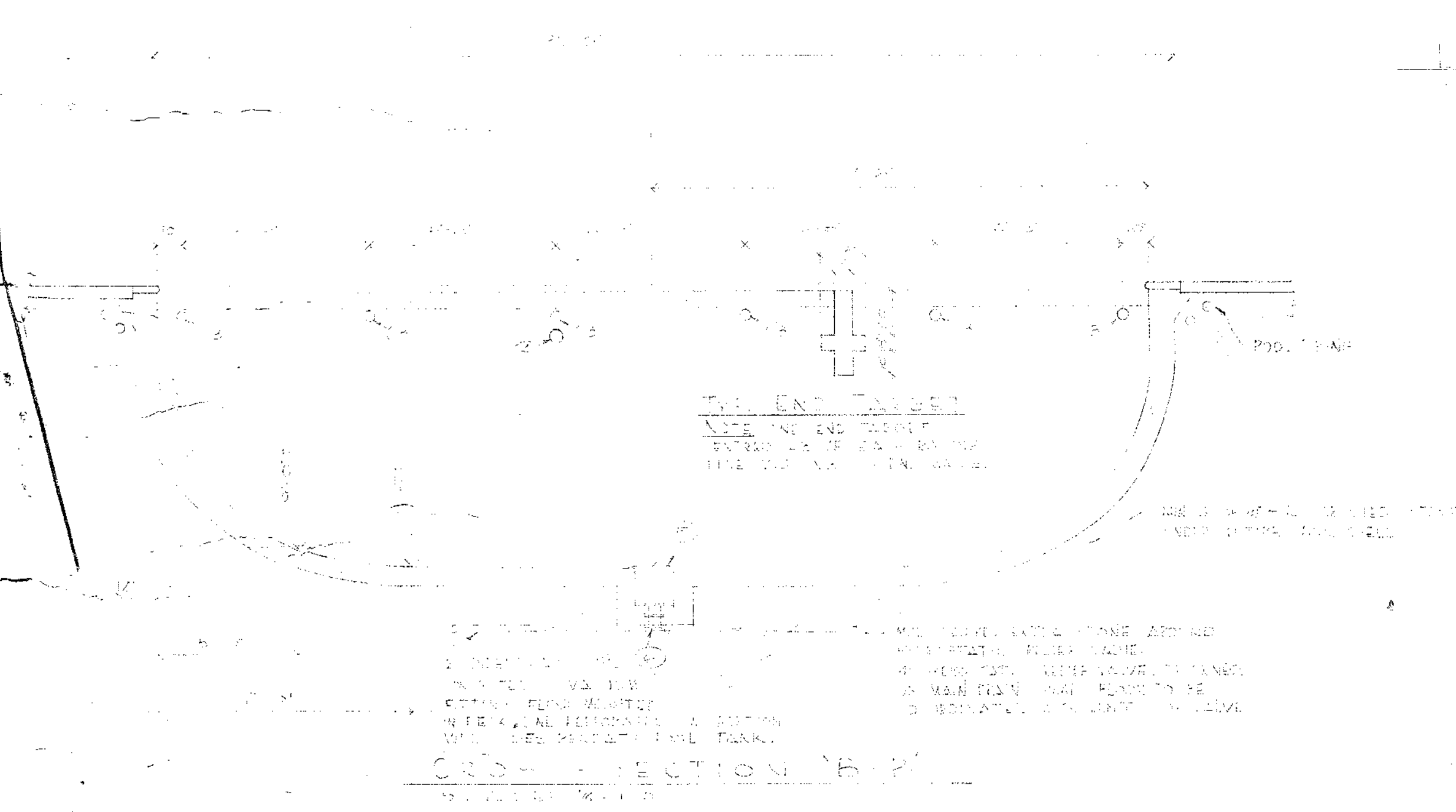
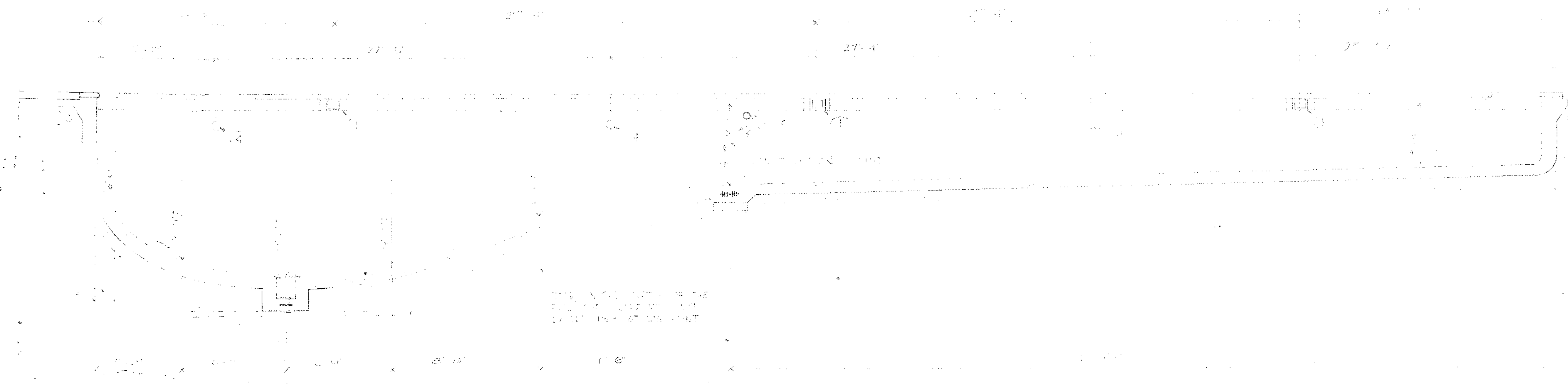


SHALLOW AREA DEEP DETAIL
SCALE: 1/4" = 1'-0"

SHALLOW AREA
DEEP DETAIL

EXAM. OF POOL DEPTH MARKING
SCALE: 1/4" = 1'-0"

1	POOL DEPTH MARKING
2	POOL DEPTH MARKING
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100	POOL DEPTH MARKING



PLAN VIEW OF CANAL SECTION

NOTE: SEE END VIEW
 SCALE: 1/4" = 1'-0"

NOTE: SEE END VIEW
 SCALE: 1/4" = 1'-0"

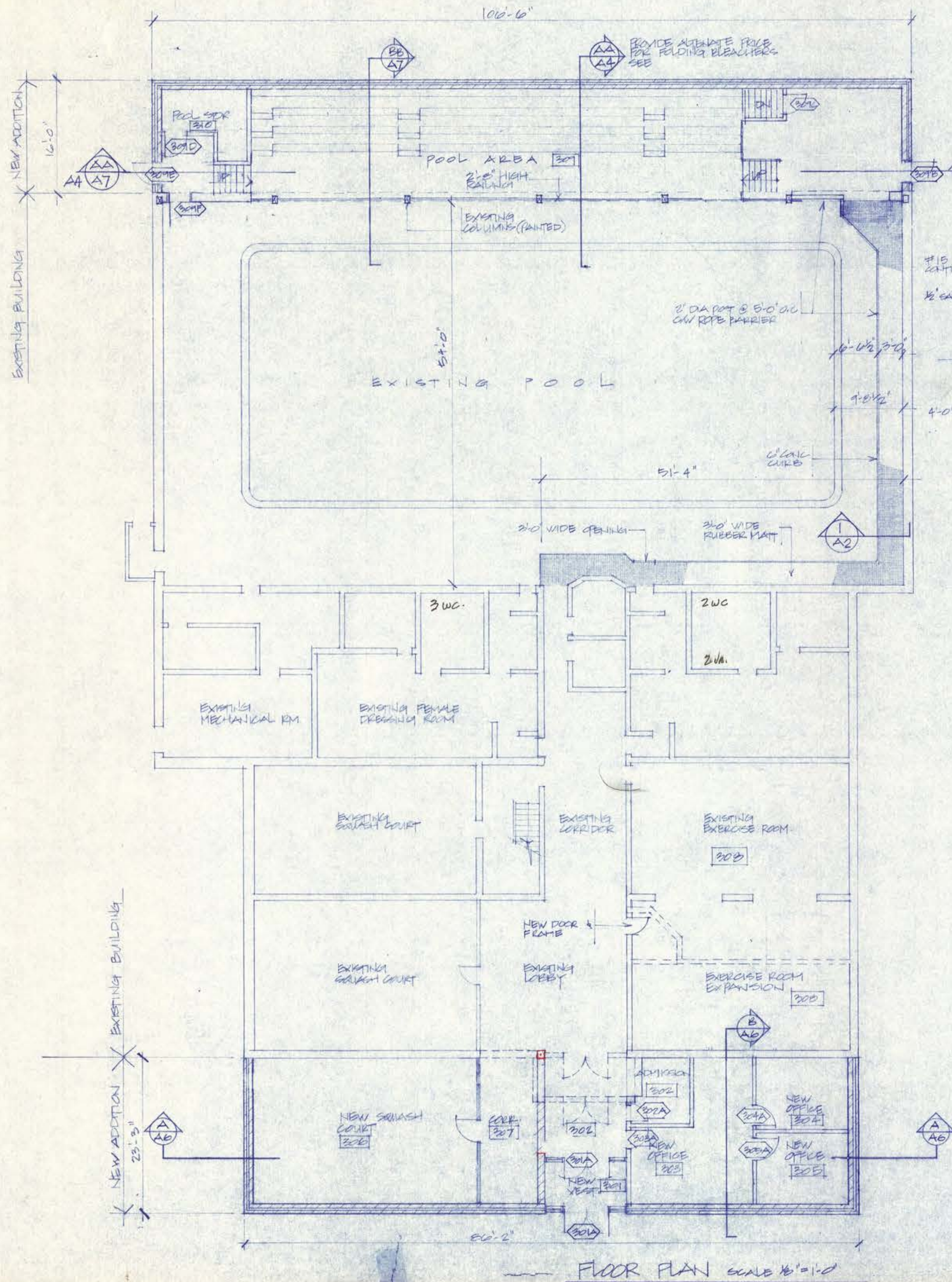
NOTE: SEE END VIEW
 SCALE: 1/4" = 1'-0"

NOTE: SEE END VIEW
 SCALE: 1/4" = 1'-0"

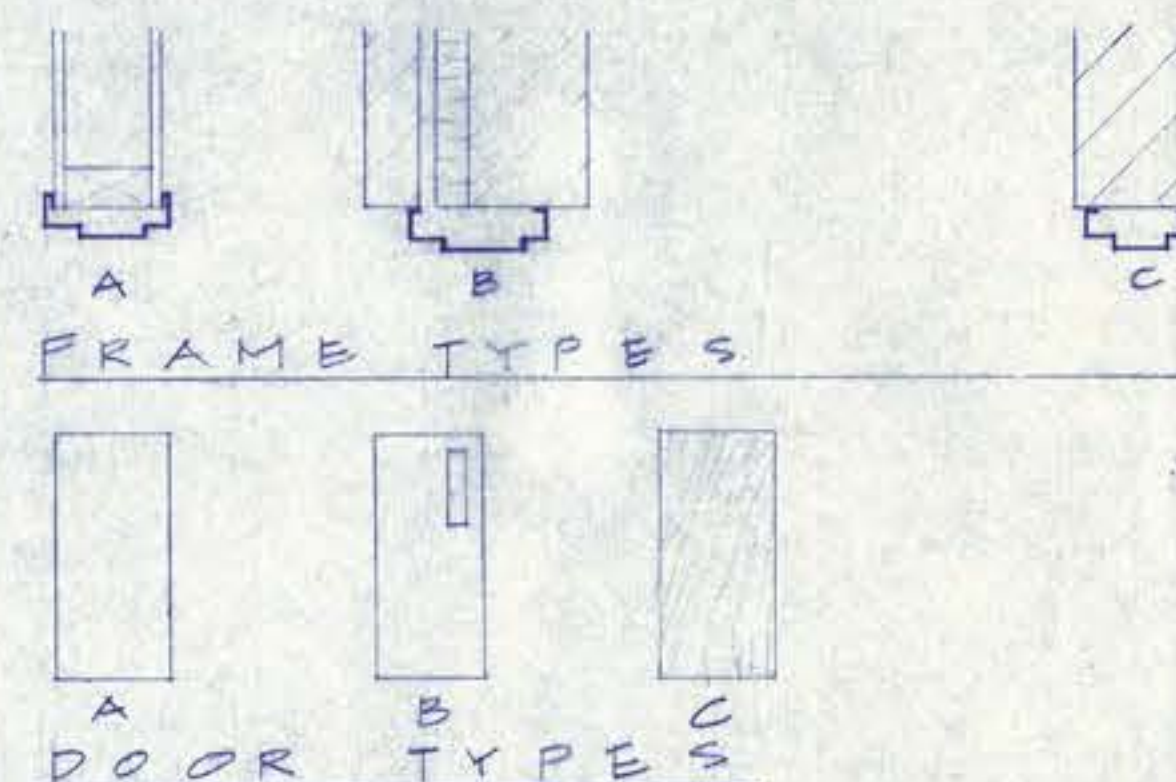
NOTE: SEE END VIEW
 SCALE: 1/4" = 1'-0"

APPENDIX “C”

JUNE 1991 NATATORIUM ADDITION FLOOR PLAN



DOOR NO.	SIZE	MATERIAL	DOOR TYPE	DOOR FINISH	FRAME MATERIAL	FRAME TYPE	FRAME FINISH	REMARKS	SIGN	ROOM NO.
301A	2'-3 1/2" x 7'-0"	EXISTING			METAL		PAINTED	REUSE EXISTING DOOR		301
303A	2'-0" x 6'-8"	SOLID CORE	B	REFIN	METAL	A	PAINTED			303
304A	2'-0" x 6'-8"	SOLID CORE	C	REFIN	METAL	A	PAINTED			304
305A	2'-0" x 6'-8"	SOLID CORE	C	REFIN		A	PAINTED			305
306A	2'-0" x 6'-8"	GLASS						BACKWALL DOOR BY PLAYCO		306
308A	2'-0" x 6'-8"	METAL	B	PAINTED	METAL	A	PAINTED			308
309A	2'-0" x 6'-8"	SOLID CORE	C	REFIN	METAL	A	PAINTED			309
309B	3'-0" x 7'-0"	INSUL-METAL	A		INSUL-METAL	B	PAINTED			309
309C	3'-0" x 7'-0"	METAL	A	PAINTED	METAL	A	PAINTED			309
309D	3'-0" x 7'-0"	METAL	A	PAINTED	METAL	A	PAINTED			309
309E	3'-0" x 7'-0"	INSUL-METAL	A	PAINTED	METAL	B	PAINTED			309
309F	3'-0" x 7'-0"	METAL	B	PAINTED	METAL	B	PAINTED			309



FINISH SCHEDULE													
ROOM NO.	ROOM NAME	FLOORS		WALLS					CEILING			REMARKS	ROOM NO.
		MAT	FINISH	BASE	NORTH	EAST	SOUTH	WEST	MAT	FINISH	HEIGHT		
301	VESTIBULE	VINYL		VINYL	PAINT	PAINT	PAINT	PAINT	TILE		9'-0"		301
302	ADMISSIONS	VINYL		VINYL	PAINT	PAINT	PAINT	PAINT	TILE		9'-0"		302
303	OFFICE	CARPET		VINYL	PAINT	PAINT	PAINT	PAINT	TILE		9'-0"		303
304	OFFICE	CARPET		VINYL	PAINT	PAINT	PAINT	PAINT	TILE		9'-0"		304
305	OFFICE	CARPET		VINYL	PAINT	PAINT	PAINT	PAINT	TILE		9'-0"		305
306	SQUASH COURT								EXPOSED		20'-0"	REFINISHED WALL PANELS & FLOOR BY PLAYERS!	306
307	CORRIDOR	VINYL		VINYL	PAINT	PAINT	PAINT	PAINT	TILE		9'-0"		307
308	EXERCISE ROOM	RUBBER		VINYL	PAINT	PAINT	PAINT	PAINT	TILE		9'-0"		308
309	NEW POOL AREA	CONC.	PAINTED		PAINT	PAINT	PAINT	PAINT	EXPOSED		20'-0"		309
310	POOL STORAGE	CONC.	PAINTED		EXPOSED	EXPOSED	EXPOSED	PAINT	EXPOSED		20'-0"		310
311	STORAGE	CONC.	PAINTED		EXPOSED	EXPOSED	EXPOSED	PAINT	EXPOSED		VARIABLES		311

ISSUED FOR TENDER 01.08.02

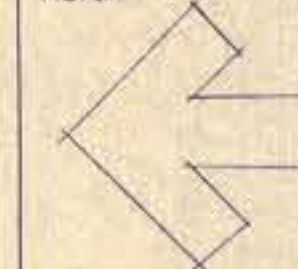
revision/issued date by no.

PRINTED

AUG 7 1991

FOR CONSTRUCTION

north



this drawing is not valid until sealed and signed by the engineer or architect

project title
ADDITION TO
FORT FRANCES
POOL COMPLEX

sheet title
FLOOR PLAN
DETAILS, NOTES

peterson + habib
consultants inc.
engineer and architect

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project no. 91020 drawing no.
date JUNE 1991
drawn by SHM
scale AS NOTED

A2

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this drawing should not be sealed.

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