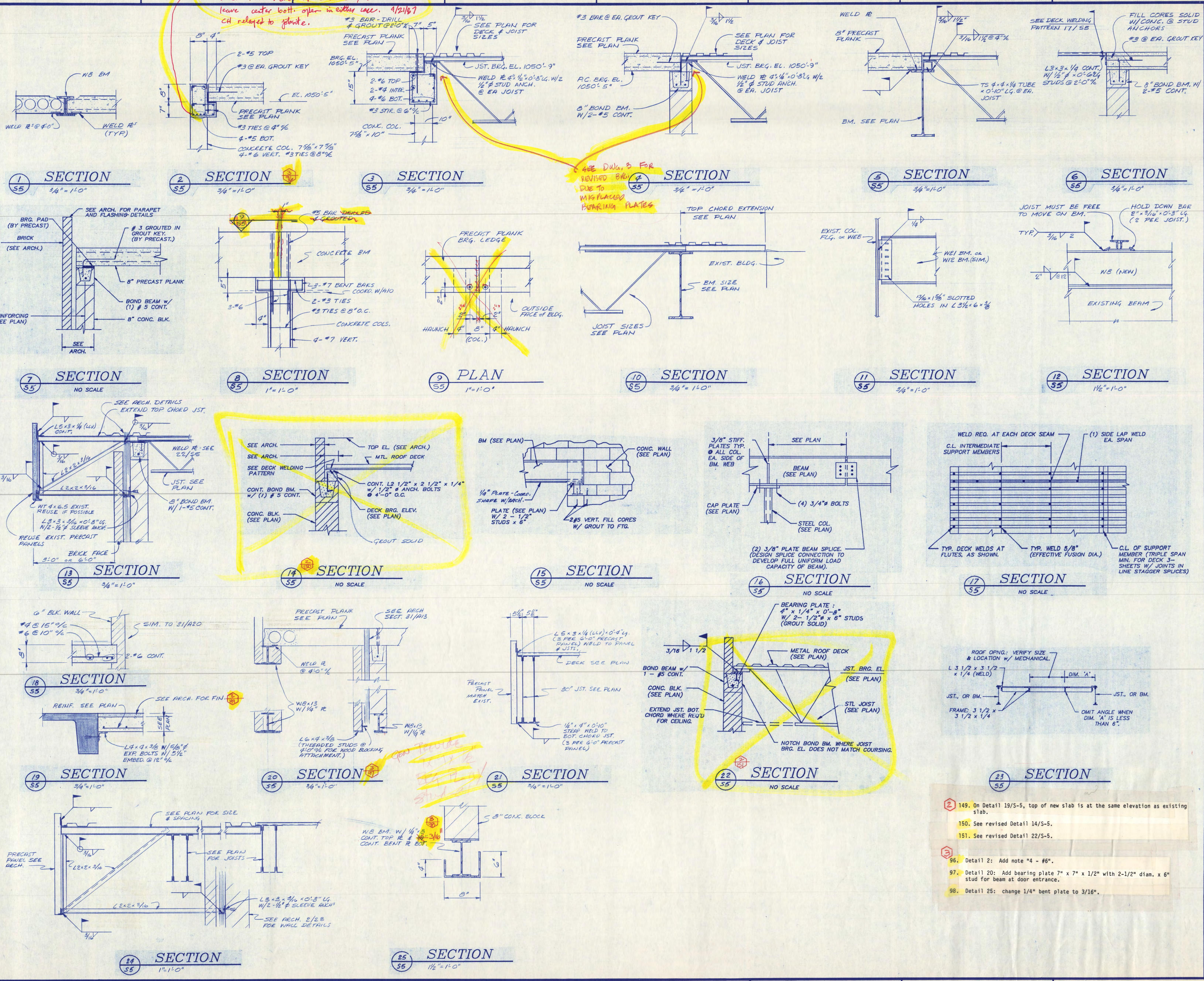


Keep said ok. to bundle 2-#5 @ ea. bot. corner or place 1-#5 @ ea. bot. corner then 1" clear space above of 2#5 above leave center bot. open in either case. 4/21/67 CH related to joint.



SEE DWG. 3 FOR REVISED BRG. #2 DUE TO MISPLACED BEARING PLATES

- 149. On Detail 19/S-5, top of new slab is at the same elevation as existing slab.
- 150. See revised Detail 14/S-5.
- 151. See revised Detail 22/S-5.
- 96. Detail 2: Add note "4 - #6".
- 97. Detail 20: Add bearing plate 7" x 7" x 1/2" with 2-1/2" diam. x 5" stud for beam at door entrance.
- 98. Detail 25: change 1/4" bent plate to 3/16".

**WAYNE C. LARSON**  
CONSULTING ENGINEERS  
3128 SECOND STREET WHITE BEAR, MN 55110  
612/429-8363

COPYRIGHT 1966 BY FREDRIC WEMLINGER AND ASSOCIATES INC. THE CONTENTS OF THIS DOCUMENT ARE FOR THE SOLE AND EXCLUSIVE USE FOR THE PROJECT AND SITE IDENTIFIED HEREON. ANY OTHER USE NOT SPECIFICALLY AUTHORIZED BY THE ARCHITECT/ENGINEER IS PROHIBITED.

I HEREBY CERTIFY THAT THIS PLAN SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE 12-15-66 REG. NO. 13935

**FREDRIC WEMLINGER AND ASSOCIATES INC.**  
ARCHITECTS AND ENGINEERS  
SAINT CLOUD, MINNESOTA 56301  
TELEPHONE 612-253-2100

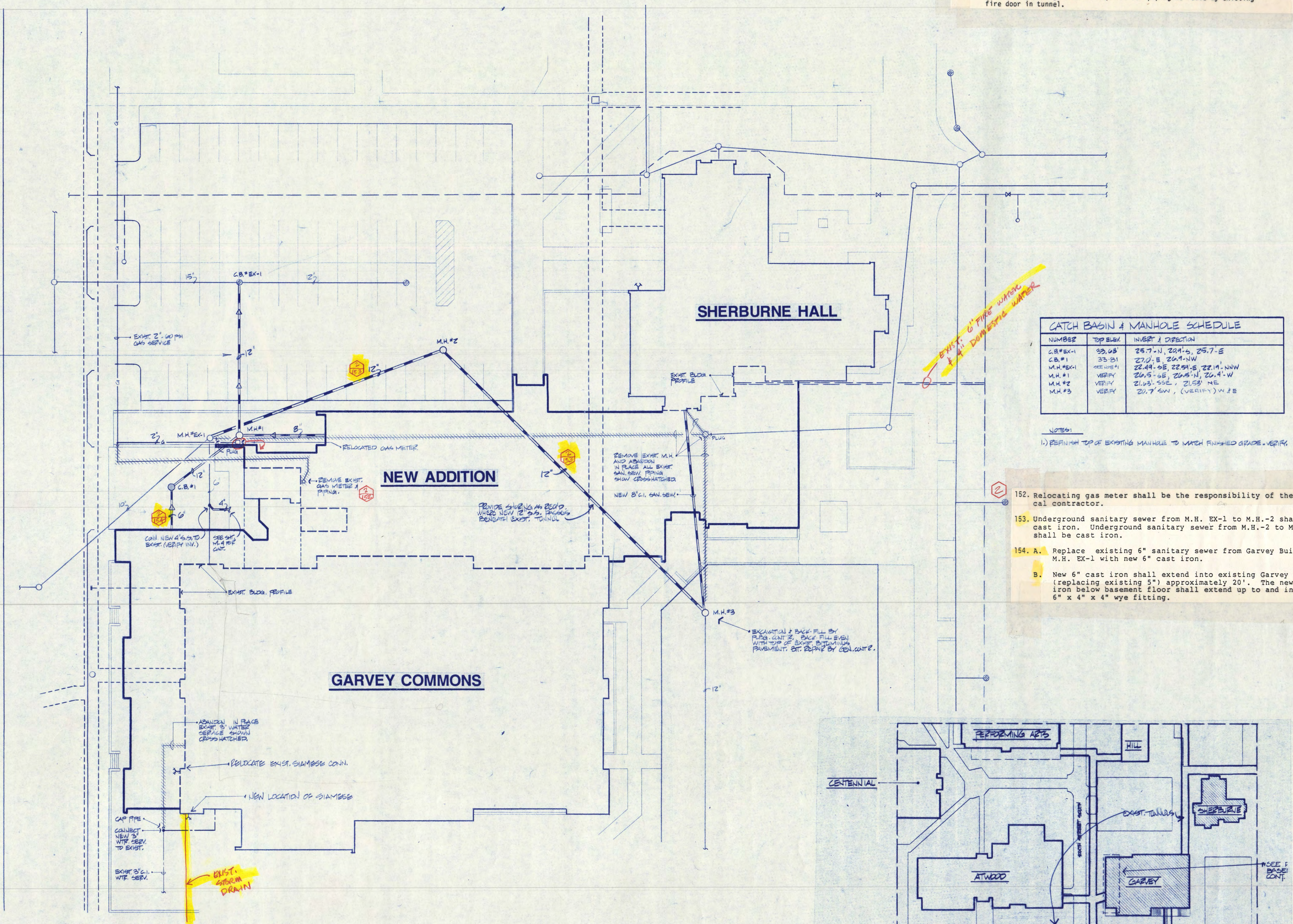
**GARVEY COMMONS/ SHERBURNE HALL**  
ADDITIONS & REMODELING  
ST. CLOUD STATE UNIVERSITY  
ST. CLOUD MINNESOTA

REVISED	PROJECT NO. 86015
	ISSUE DATE 12-15-66
	DRAWN BY FEW
	CHECKED HV
	APPROVED ARCHITECT FW
	SCALE AS SHOWN



- 99. Chilled Water Piping in Tunnel. Support from existing pipe racks (similar to existing piping) where possible. Support remaining pipe per specification. Victaulic fittings are approved for piping in tunnel only.
- 100. Expansion compensators on chilled water piping in tunnel. Yarway Model 6236 installed in each pipe at 3 locations (6 total). One pair at chilled water piping between connection to existing chilled water and first tunnel intersection. One pair on chilled water piping between first tunnel intersection and turn to Garvey building. One pair on chilled water piping after turn to Garvey building.
- 101. Provide pipe anchors between all compensators and at each turn. Provide anchoring as recommended by compensator manufacturer.
- 102. Contractor shall include \$1,500 allowance to provide offsets, relocation of existing piping, etc. as required for piping to route by existing fire door in tunnel.

EXCAVATION & BACK-FILL BY PLUMBING CONTRACTORS. BRICK NEW EVEN W/ EXISTING GRADE. NEW EXISTING TUNNELMENT BY GC CONTACT TO ORIGINAL DENSITY.



CATCH BASIN & MANHOLE SCHEDULE		
NUMBER	TOP BULK	INVERT & DIRECTION
C.B.#EX-1	33.08	25.7'-N, 20.1'-S, 25.7'-E
C.B.#1	33.01	27.0'-S, 20.1'-N-W
M.H.#EX-1	SEE NOTE 1	22.4'-E, 22.5'-E, 22.1'-N-W
M.H.#1	VERIFY	20.5'-E, 20.4'-N, 20.4'-W
M.H.#2	VERIFY	21.6'-S-E, 21.5'-N-E
M.H.#3	VERIFY	20.7'-S-W, (VERIFY) N-E

NOTES:  
1.) REFINISH TOP OF EXISTING MANHOLE TO MATCH FINISHED GRADE - VERIFY

- 152. Relocating gas meter shall be the responsibility of the mechanical contractor.
- 153. Underground sanitary sewer from M.H. EX-1 to M.H.-2 shall be cast iron. Underground sanitary sewer from M.H.-2 to M.H.-3 shall be cast iron.
- 154. A. Replace existing 6" sanitary sewer from Garvey Building to M.H. EX-1 with new 6" cast iron.  
B. New 6" cast iron shall extend into existing Garvey Building (replacing existing 5") approximately 20'. The new 6" cast iron below basement floor shall extend up to and include new 6" x 4" x 4" wye fitting.



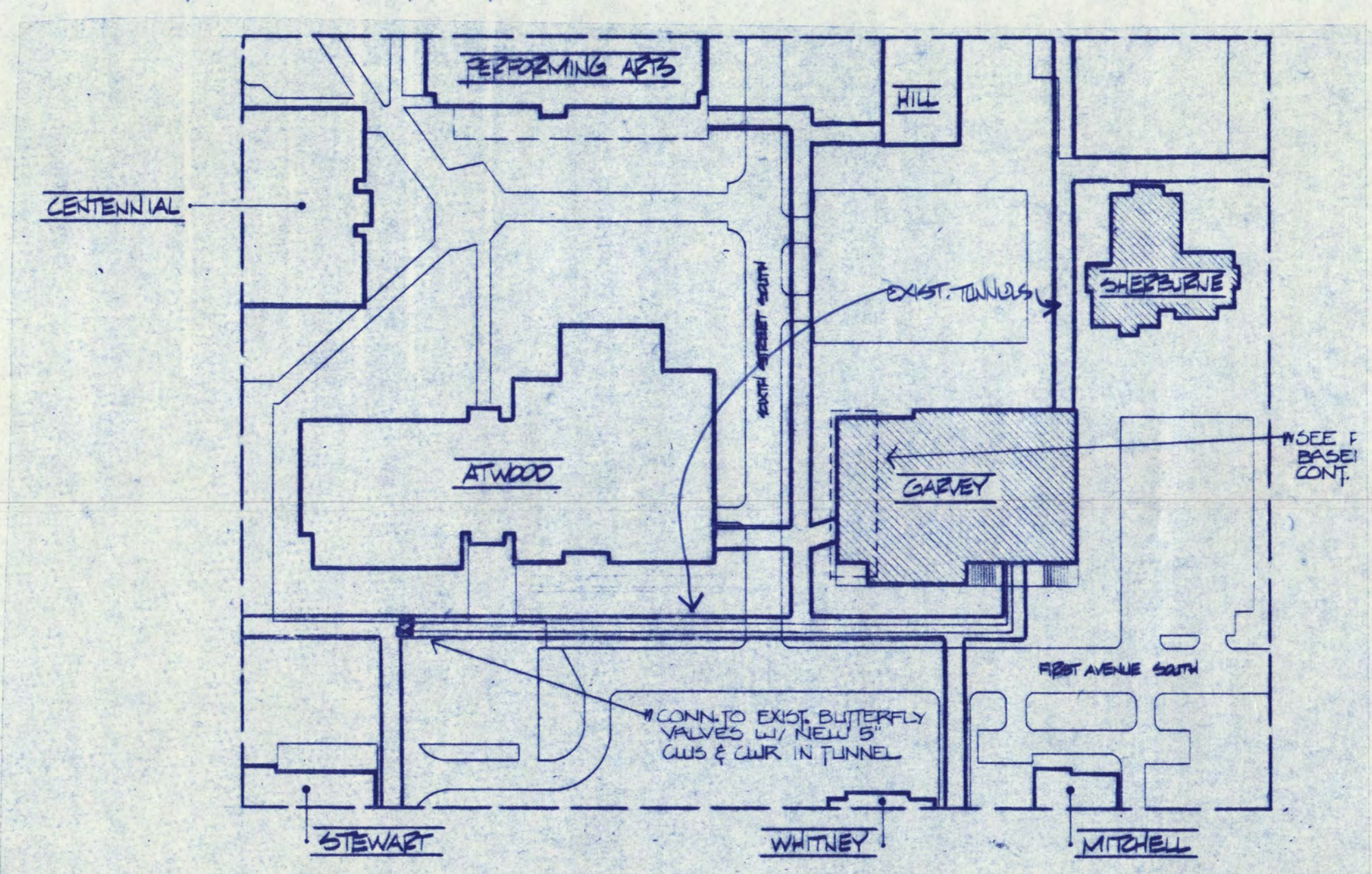
COPYRIGHT 1986 BY FREDRIC WEMLINGER AND ASSOCIATES, INC. THE CONTENTS OF THIS DOCUMENT ARE FOR THE SOLE AND EXCLUSIVE USE FOR THE PROJECT AND SITE IDENTIFIED HEREON. ANY OTHER USE NOT SPECIFICALLY AUTHORIZED BY THE ARCHITECT ENGINEER IS PROHIBITED.

I HEREBY CERTIFY THAT THIS PLAN SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM DULY REGISTERED ARCHITECT/ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.  
DATE: 12-15-86 REG NO: 7620



**GARVEY COMMONS/ SHERBURNE HALL ADDITIONS & REMODELING**  
ST. CLOUD STATE UNIVERSITY  
ST. CLOUD MINNESOTA

REVISED	PROJECT NO. 86015
	ISSUE DATE 12-15-86
	DRAWN BY DP
	CHECKED PM
	APPROVED ARCHITECT FW
	SCALE AS NOTED



**SITE PLAN**

SCALE 1" = 20' - 0"

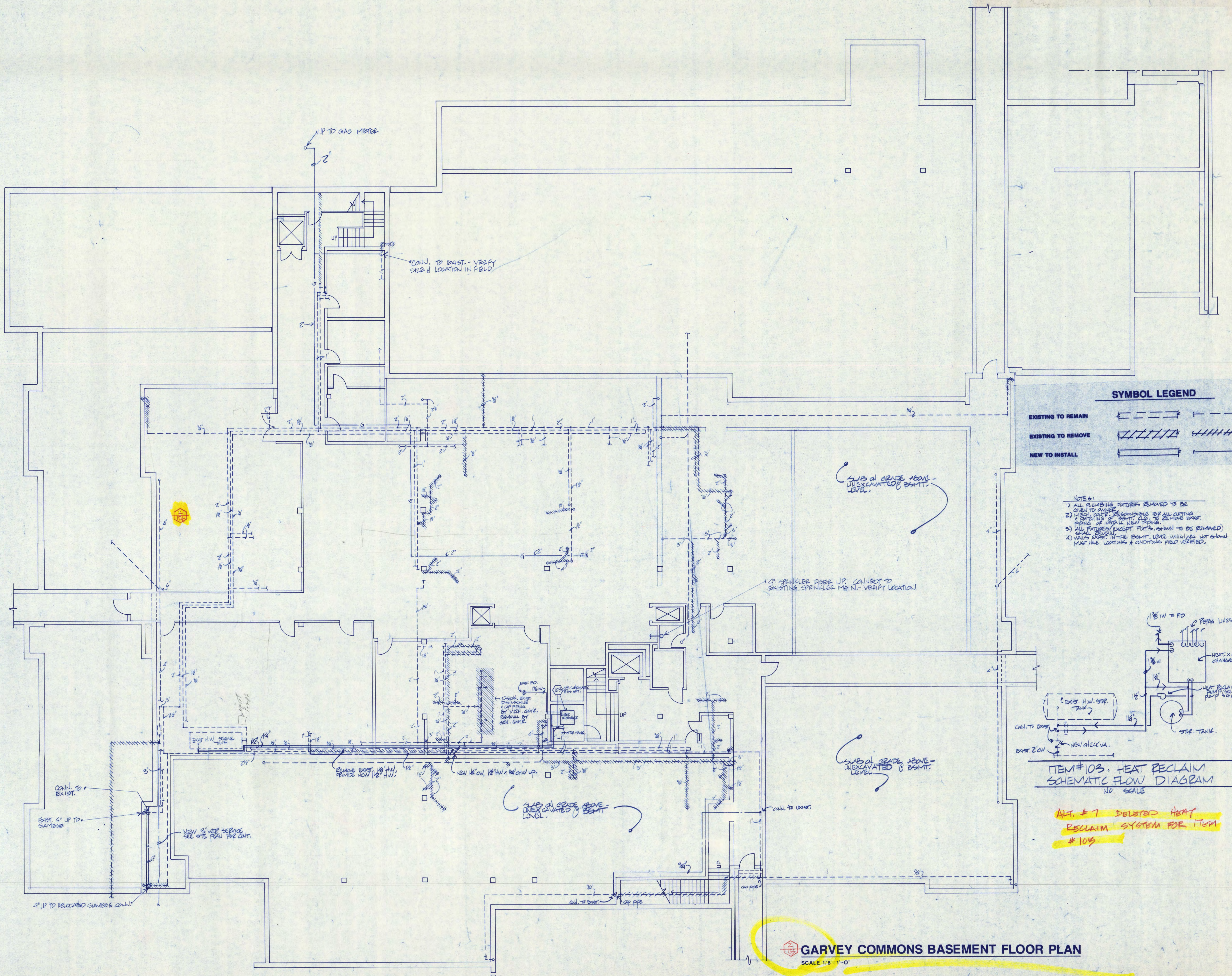
**PARTIAL SITE PLAN**

SCALE: 1" = 100'





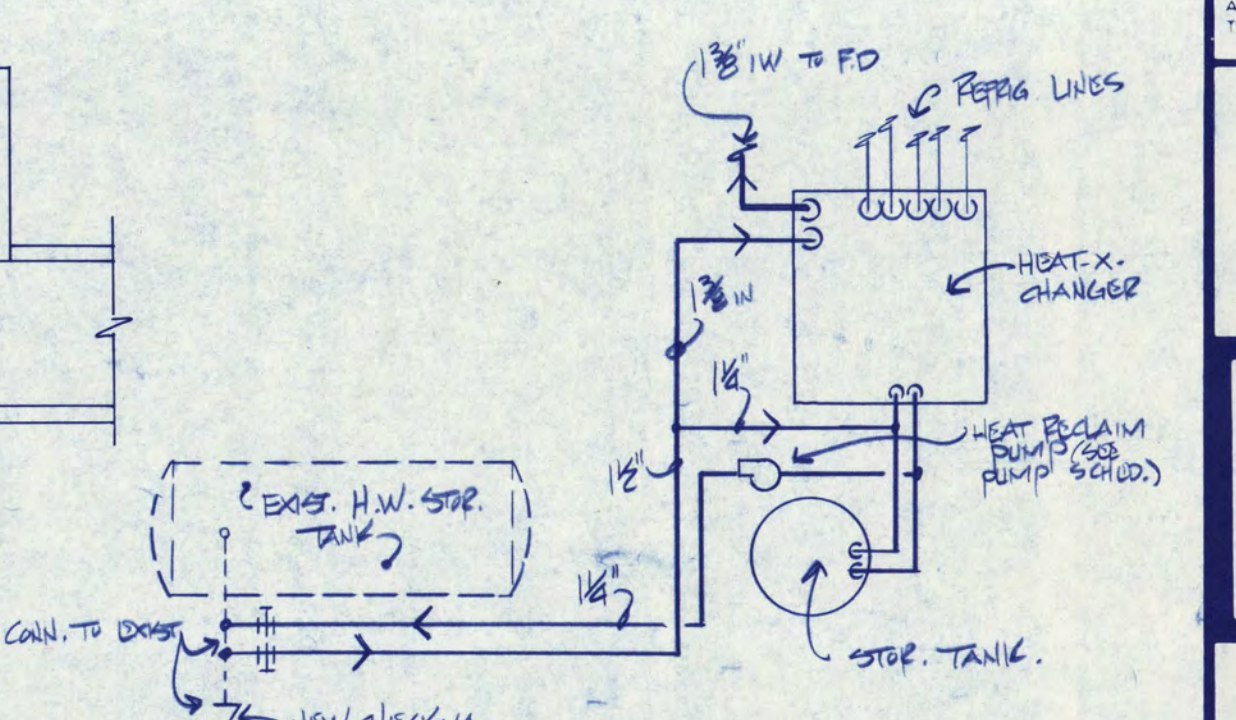
- 155. This drawing shall be further identified as Plumbing and Fire Protection - Demolition and Remodel.
- 156. Replace existing 4" back water valve located near the southwest corner in the basement floor. Josam 1110 series.



**SYMBOL LEGEND**

EXISTING TO REMAIN	
EXISTING TO REMOVE	
NEW TO INSTALL	

- NOTES:**
- 1) ALL PLUMBING FIXTURES REMOVED TO BE GIVEN TO OWNER
  - 2) VERIFY CODE RESPONSIBILITY FOR ALL CUTTING & PATCHING OF ROOFING TO BE DONE BEFORE PILING OF NEW FLOORING
  - 3) ALL FIXTURES (EXCEPT FIXTURES TO BE REMOVED) SHALL BE INSTALLED
  - 4) WALLS EXIST IN THE BSMT. LEVEL WHICH ARE NOT SHOWN MUST HAVE LOCATIONS & CONDITIONS FIELD VERIFIED.



**ITEM#103: HEAT RECLAIM SCHEMATIC FLOW DIAGRAM**  
NO SCALE

**ALT. # 7 DELETED HEAT RECLAIM SYSTEM FOR ITEM # 103**

**LWS&M**  
lundquist, wilmar, schultz and martin, inc.  
consulting engineers  
baker court suite 300 • 821 raymond ave.  
saint paul, mn 55114 • 612/642-9771

COPYRIGHT 1986 BY FREDRIC WEMLINGER AND ASSOCIATES, INC. THE CONTENTS OF THIS DOCUMENT ARE FOR THE SOLE AND EXCLUSIVE USE FOR THE PROJECT AND SITE IDENTIFIED HEREON. ANY OTHER USE NOT SPECIFICALLY AUTHORIZED BY THE ARCHITECT/ENGINEER IS PROHIBITED.

I HEREBY CERTIFY THAT THIS PLAN SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

*Fredric Wemlinger*  
DATE: 12-15-86 REG. NO. 7620

**FREDRIC WEMLINGER AND ASSOCIATES INC.**  
ARCHITECTS AND ENGINEERS  
SAINT CLOUD, MINNESOTA 56301  
TELEPHONE 812-253-2100

**GARVEY COMMONS/ SHERBURNE HALL ADDITIONS & REMODELING**  
ST. CLOUD STATE UNIVERSITY  
ST. CLOUD MINNESOTA

REVISED PROJECT NO. 86015  
ISSUE DATE 12-15-86  
DRAWN BY D.D.  
CHECKED P.M.  
APPROVED F.W. ARCHITECT  
SCALE AS NOTED

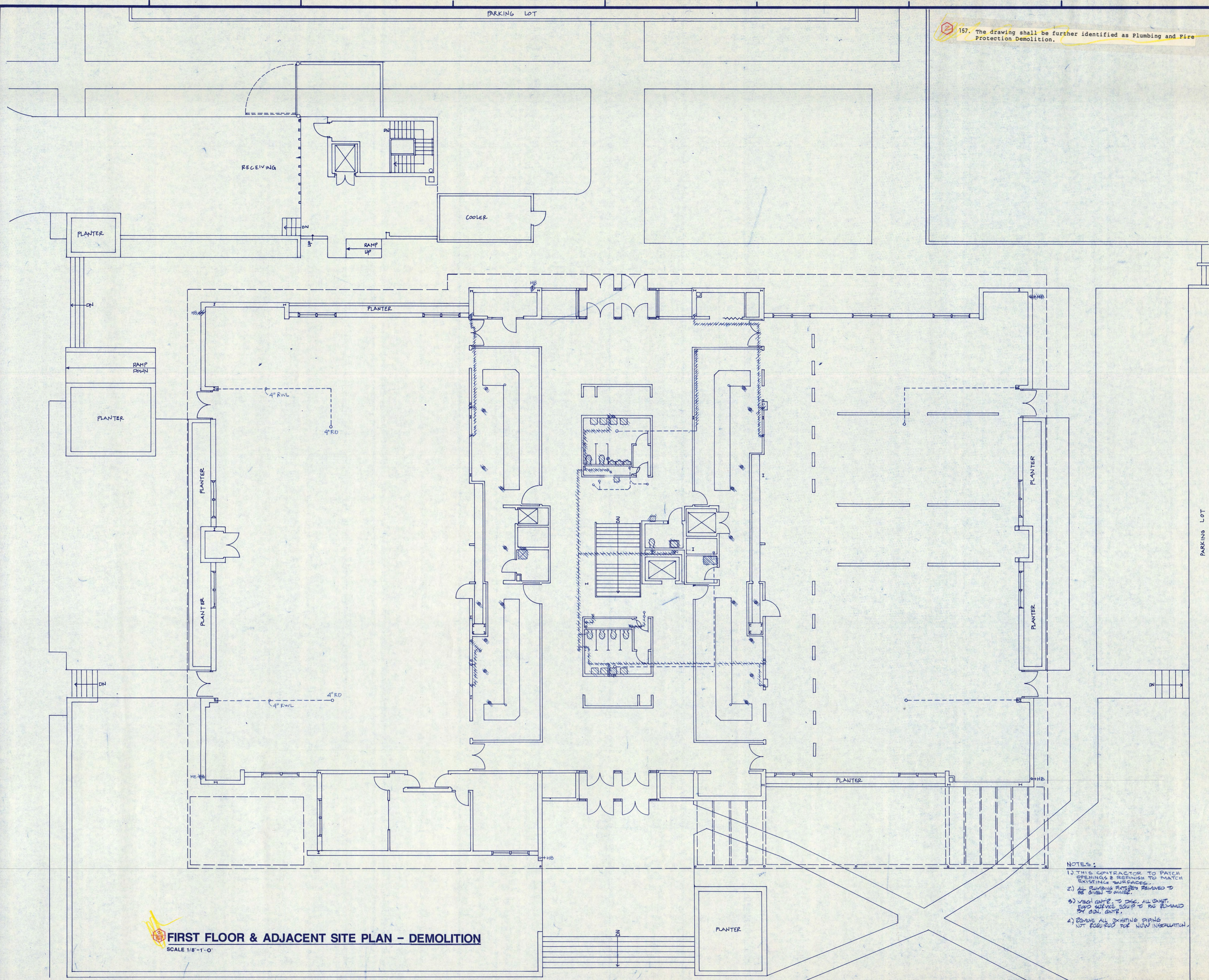
NORTH

**M-2**

**GARVEY COMMONS BASEMENT FLOOR PLAN**  
SCALE 1/8" = 1'-0"



157. The drawing shall be further identified as Plumbing and Fire Protection Demolition.



**FIRST FLOOR & ADJACENT SITE PLAN - DEMOLITION**  
SCALE 1/8"=1'-0"

- NOTES:**
- 1) THIS CONTRACTOR TO PATCH OPENINGS & REFINISH TO MATCH EXISTING SURFACES.
  - 2) ALL PLUMBING FIXTURES REMOVED TO BE OVERLAP TO WALLS.
  - 3) VERIFY DATE TO SEE ALL EXIST. FLOOR SERVICE COULD TO BE REMOVED BY CON. DATE.
  - 4) REMOVE ALL EXISTING PIPING NOT REQUIRED FOR NEW INSTALLATION.

PARKING LOT



COPYRIGHT © BY FREDRIC WEMLINGER AND ASSOCIATES INC. THE CONTENTS OF THIS DOCUMENT ARE FOR THE SOLE AND EXCLUSIVE USE FOR THE PROJECT AND SITE IDENTIFIED HEREON. ANY OTHER USE NOT SPECIFICALLY AUTHORIZED BY THE ARCHITECT/ENGINEER IS PROHIBITED.

I HEREBY CERTIFY THAT THIS PLAN SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM DULY REGISTERED ARCHITECT/ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

*Fredric Wemlinger*  
DATE: 12-15-80 REG. NO. 7620



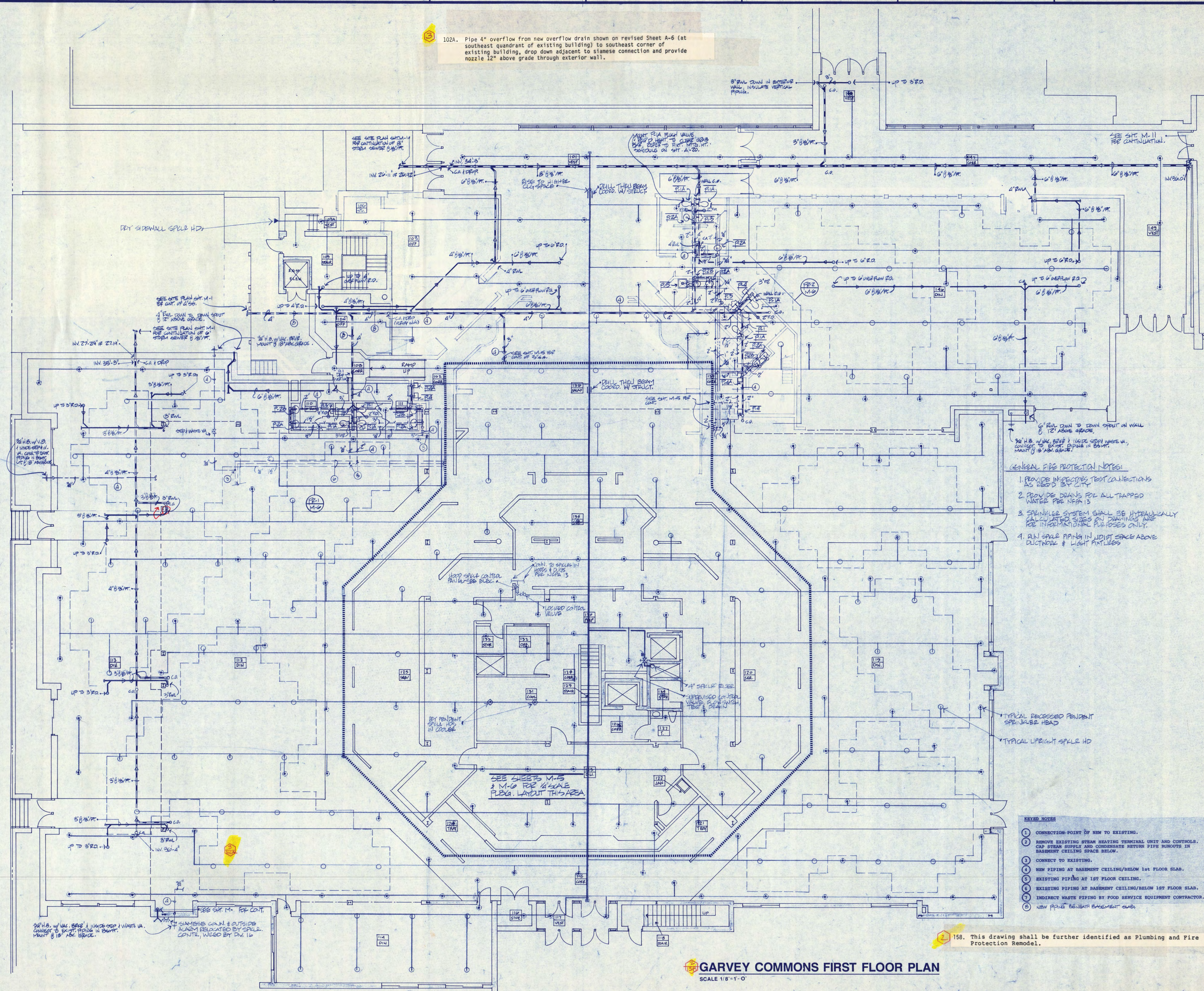
**GARVEY COMMONS/  
SHERBURNE HALL  
ADDITIONS & REMODELING**  
ST. CLOUD STATE UNIVERSITY  
ST. CLOUD MINNESOTA

REVISED	PROJECT NO. 80015
	ISSUE DATE 12-15-80
	DRAWN BY DD
	CHECKED FM
	APPROVED ARCHITECT FW
	SCALE AS NOTED





102A. Pipe 4" overflow from new overflow drain shown on revised Sheet A-6 (at southeast quadrant of existing building) to southeast corner of existing building, drop down adjacent to slimes connection and provide nozzle 12" above grade through exterior wall.



- GENERAL FIRE PROTECTION NOTES:**
1. PROVIDE INSPECTOR TEST CONNECTIONS AS REQ'D BY CITY
  2. PROVIDE DRAINS FOR ALL TRAPPED WATER PER NFPA 13
  3. SPRINKLER SYSTEM SHALL BE HYDRAULICALLY CALCULATED. SIZES ON DRAWINGS ARE FOR INFORMATIONAL PURPOSES ONLY.
  4. RUN SPUR PIPING IN UTILITY SPACE ABOVE DUCTWORK & LIGHT FIXTURES

- KEYED NOTES**
- 1 CONNECTION POINT OF NEW TO EXISTING.
  - 2 REMOVE EXISTING STEAM HEATING TERMINAL UNIT AND CONTROLS. CAP STEAM SUPPLY AND CONDENSATE RETURN PIPE RUNOUTS IN BASEMENT CEILING SPACE BELOW.
  - 3 CONNECT TO EXISTING.
  - 4 NEW PIPING AT BASEMENT CEILING/BELOW 1ST FLOOR SLAB.
  - 5 EXISTING PIPING AT 1ST FLOOR CEILING.
  - 6 EXISTING PIPING AT BASEMENT CEILING/BELOW 1ST FLOOR SLAB.
  - 7 INDIRECT WASTE PIPING BY FOOD SERVICE EQUIPMENT CONTRACTOR.
  - 8 NEW PIPING BENEATH BASEMENT SLAB.

**LWSM**  
Lundquist, Wilmar, Schultz and Martin, Inc.  
consulting engineers  
baker court suite 300 • 821 raymond ave.  
saint paul, mn 55114 • 612/642-8771

COPYRIGHT 1986 BY FREDRIC WEMLINGER AND ASSOCIATES INC. THE CONTENTS OF THIS DOCUMENT ARE FOR THE SOLE AND EXCLUSIVE USE FOR THE PROJECT AND SITE IDENTIFIED HEREON. ANY OTHER USE NOT SPECIFICALLY AUTHORIZED BY THE ARCHITECT ENGINEER IS PROHIBITED.

I HEREBY CERTIFY THAT THIS PLAN SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM DULY REGISTERED ARCHITECT ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.  
*Fredric Wemlinger*  
DATE 12-5-86 REG NO. 7620

**FREDRIC WEMLINGER AND ASSOCIATES INC.**  
ARCHITECTS AND ENGINEERS  
SAINT CLOUD, MINNESOTA 56301  
TELEPHONE 812-253-2100

**GARVEY COMMONS/  
SHERBURNE HALL  
ADDITIONS & REMODELING  
ST. CLOUD STATE UNIVERSITY  
ST. CLOUD MINNESOTA**

REVISED	PROJECT NO. B0015
	ISSUE DATE 12-15-86
	DRAWN BY DD TE
	CHECKED PM
	APPROVED ARCHITECT FW
	SCALE AS NOTED

158. This drawing shall be further identified as Plumbing and Fire Protection Remodel.

**GARVEY COMMONS FIRST FLOOR PLAN**  
SCALE 1/8"=1'-0"

**NORTH**  
**M-4**