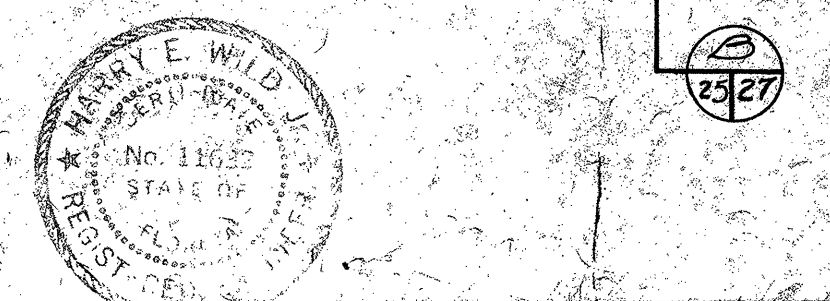
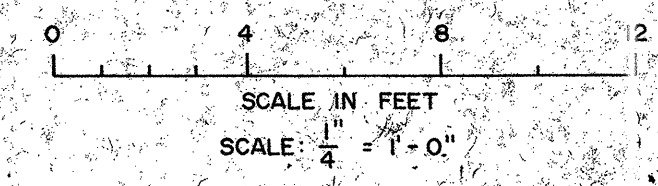


NOTE:
SEE MECHANICAL PLANS FOR
HANDRAILS AROUND PROCESS
AREAS.

PLAN - EL. 76.00
SCALE 1/4" = 1'-0"

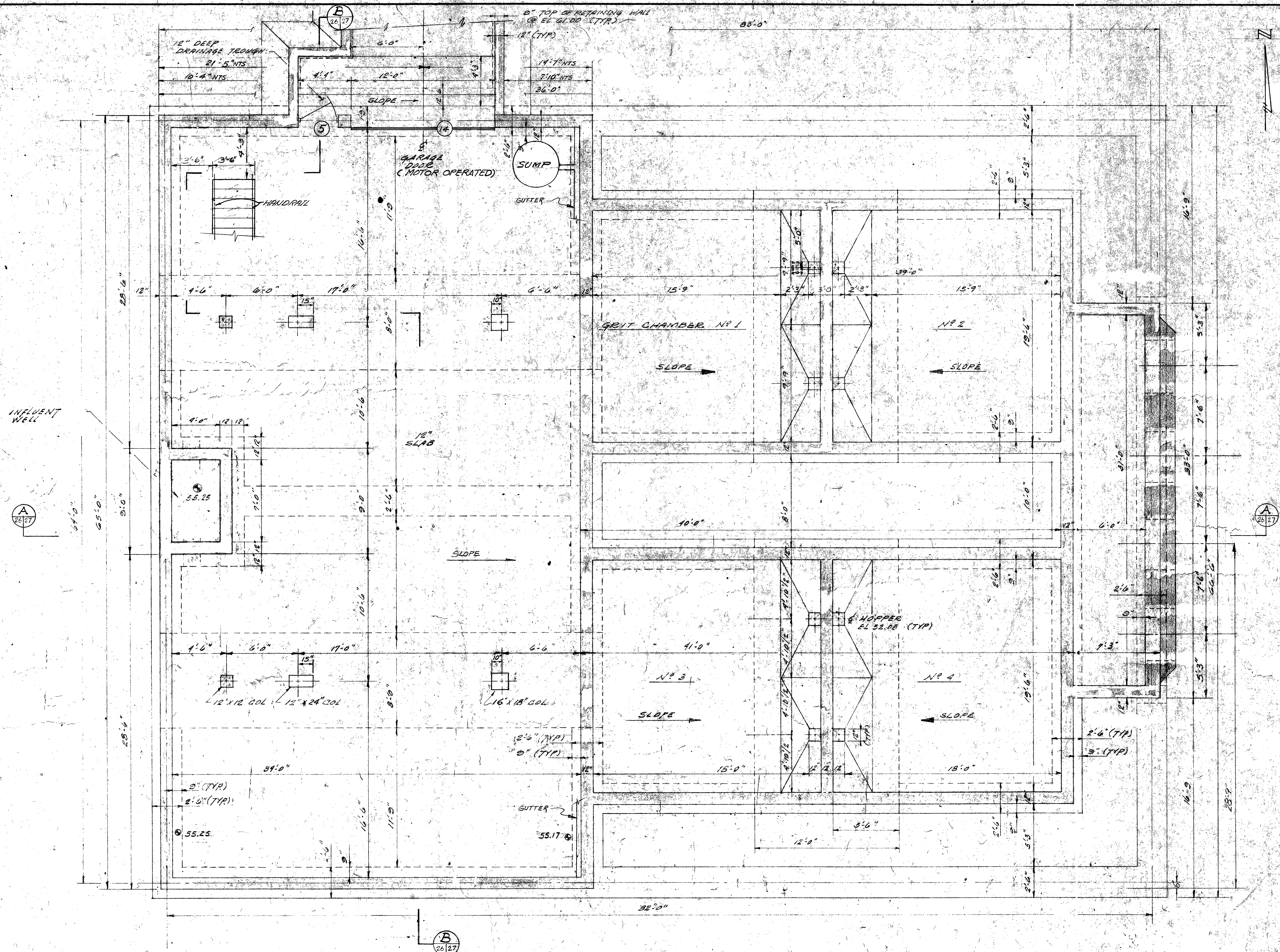


DESIGNED	SUBMITTED
DRAWN	APPROVED
CHECKED	

Briley, Wild & Associates
CONSULTING ENGINEERS
DAYTONA BEACH, FLA. CLEARWATER, FLA.

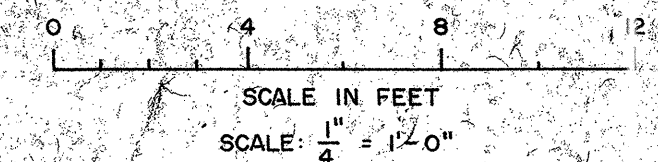
NORTHEAST WASTEWATER TREATMENT FACILITY
INFLUENT STRUCTURE - PLAN AT ELEV. 76.00
CLEARWATER, FLORIDA

DATE: DEC. 1975	PROJ. NO. 7236-2A
SCALE: 1/4" = 1'-0"	FILE NO.
SHEET NO. 25 OF 142	A-8396



PLAN - EL 61.00

SCALE 1/4" = 1'-0"

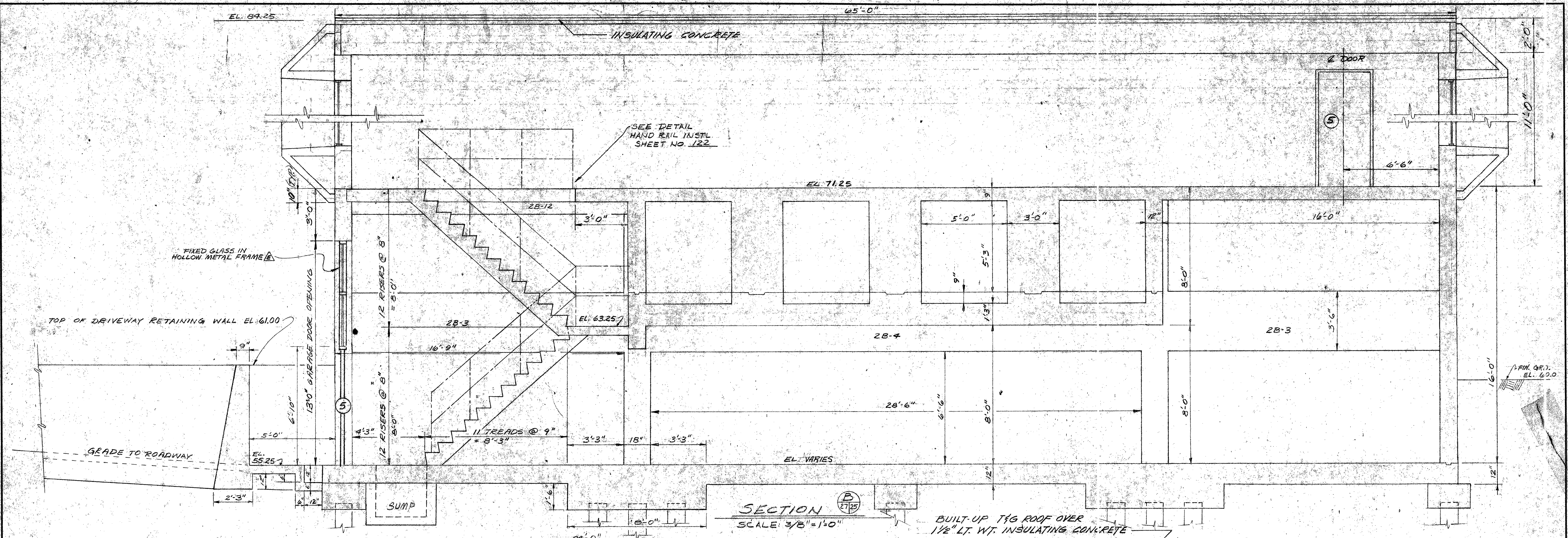


DESIGNED	EVJ	SUBMITTED	3/26/76
DRAWN	GH	APPROVED	
CHECKED	EVJ		

Briley, Wild & Associates
 CONSULTING ENGINEERS
 DAYTONA BEACH, FLA. CLEARWATER, FLA.

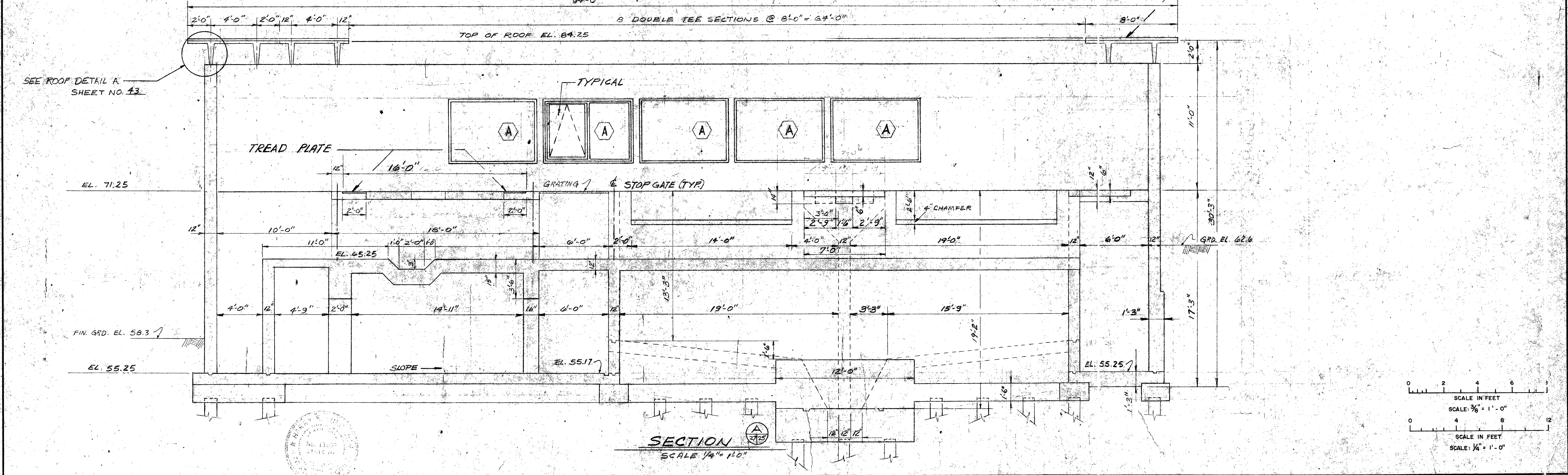
NORTHEAST WASTEWATER TREATMENT FACILITY
 INFLUENT STRUCTURE - PLAN AT ELEV. 61.00
 CLEARWATER, FLORIDA

DATE	DEC. 1975	PROJ. NO.	7236-2A
SCALE	1/4" = 1'-0"	FILE NO.	
SHEET NO.	26 OF 142		A-8397

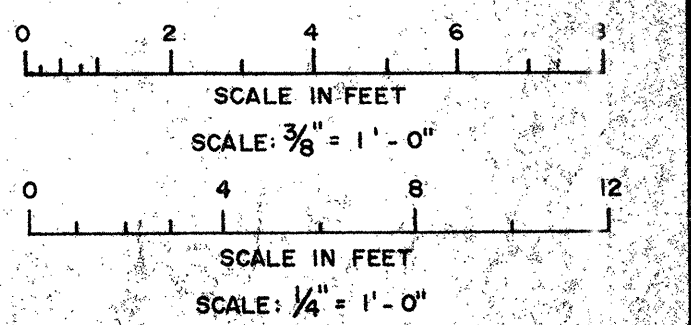


SECTION B-125
SCALE: 3/8" = 1'-0"

BUILT-UP T&G ROOF OVER
1/2" LT. WT. INSULATING CONCRETE



SECTION A-125
SCALE: 1/4" = 1'-0"

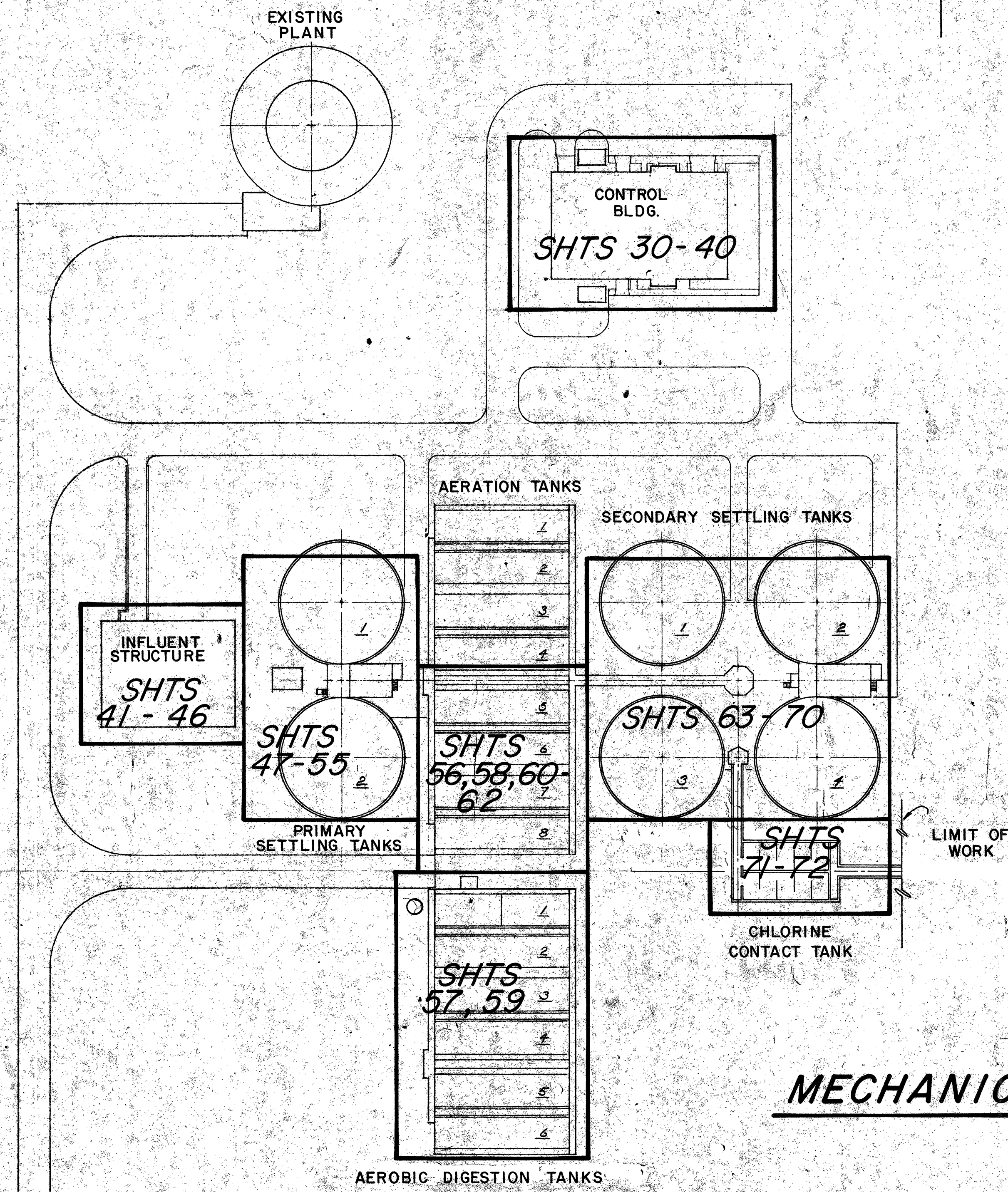


DESIGNED	BY	SUBMITTED	BY
DRAWN	BY	APPROVED	BY
CHECKED	BY		

Briley, Wild & Associates
CONSULTING ENGINEERS
DAYTONA BEACH, FLA. CLEARWATER, FLA.

NORTHEAST WASTEWATER TREATMENT FACILITY
INFLUENT STRUCTURE - SECTIONS & DETAILS
CLEARWATER, FLORIDA

DATE: DEC. 1975	PROJ. NO. 7236-2
SCALE: AS SHOWN	FILE NO.
SHEET NO. 27 OF 142	A-8398



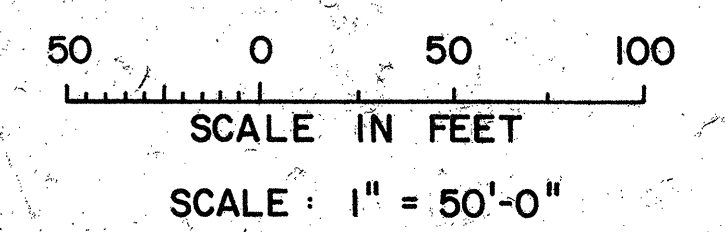
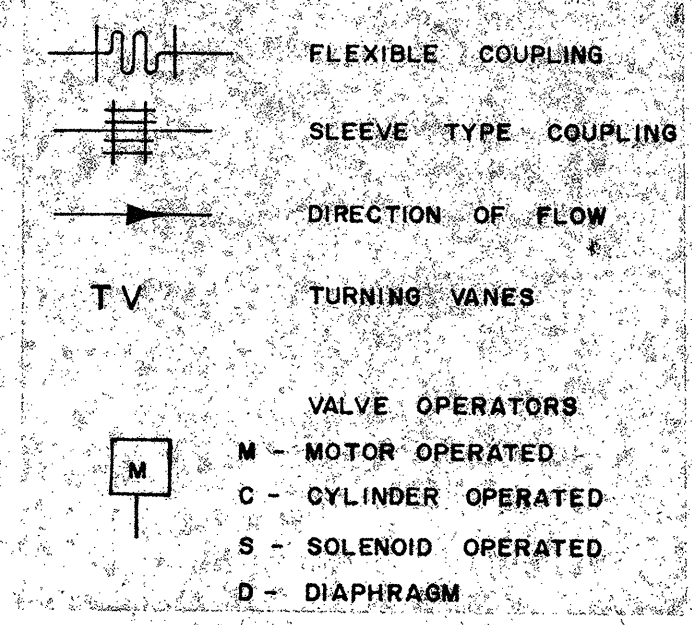
PIPING LEGEND - SEWAGE TREATMENT

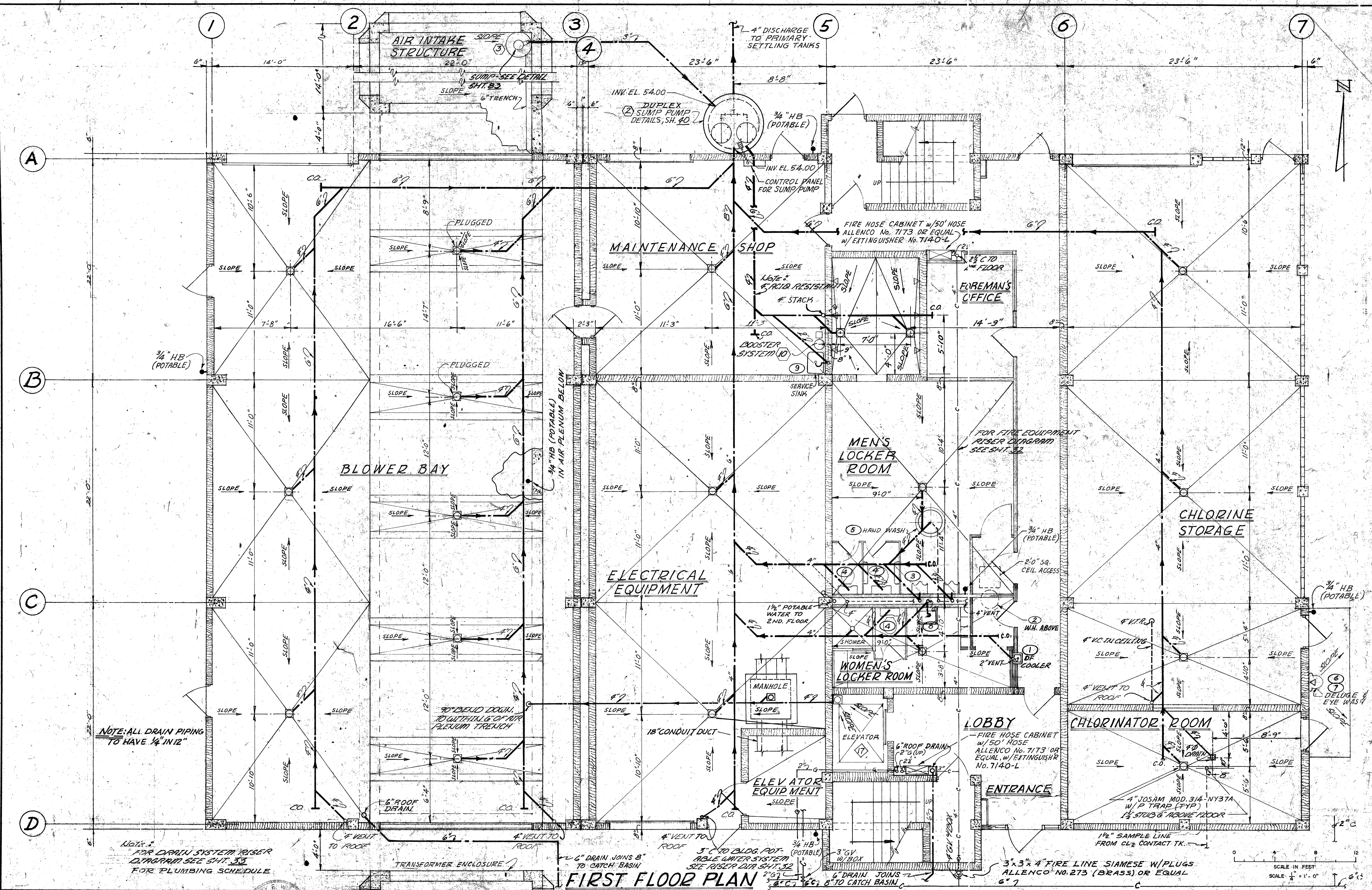
ABBREVIATIONS	SERVICE	MATERIAL
A	AIR PROCESS	STEEL, ABOVE GROUND, D.I.P. IN GROUND
AER	AERATION	STEEL, STAINLESS STEEL 104 RISERS & HEADERS
ATE	AERATION TANK EFFLUENT	CAST IRON PIPE, REINFORCED CONCRETE PIPE
C	POTABLE WATER - COLD	COPPER
CIW	CHLORINE INJECTOR WATER	CAST IRON PIPE, GALVANIZED STEEL
CLG	CHLORINE GAS (TO CHLORINATOR)	SCHEDULE 80 SEAMLESS STEEL
CLS	CHLORINE SOLUTION	SCHEDULE 80 POLYVINYL CHLORIDE
CLV	CHLORINE GAS VENT	SCHEDULE 80 POLYVINYL CHLORIDE
CR	CHLORINE RESIDUAL SAMPLING	SCHEDULE 80 POLYVINYL CHLORIDE
CVG	CHLORINE GAS VACUUM	SCHEDULE 80 POLYVINYL CHLORIDE
D	DRAIN	SOIL PIPE
DSL	DIGESTER SLUDGE	CAST IRON PIPE
DTS	DIGESTION TANK SUPERNATANT	CAST IRON PIPE
DW	DEWATERING	CAST IRON PIPE
E	ELECTRICAL CONDUIT	NOT APPLICABLE, SEE SPECIFICATIONS
EFW	EFFLUENT FLUSHING WATER	CAST IRON PIPE, GALVANIZED STEEL
FE	FINAL EFFLUENT	CAST IRON PIPE, REINFORCED CONCRETE PIPE
DL	DECANT LIQUOR	CAST IRON PIPE
FSL	FINAL SLUDGE	CAST IRON PIPE
FSW	FOAM-SPRAY WATER	CAST IRON PIPE, GALVANIZED STEEL
G	GRIT	CAST IRON PIPE
H	POTABLE WATER - HOT	COPPER
IA	INSTRUMENT AIR	GALVANIZED STEEL
LC	LIQUID CHLORINE	SCHEDULE 80 SEAMLESS STEEL
OF	OVERFLOW	CAST IRON PIPE
PE	PRIMARY EFFLUENT	CAST IRON PIPE, REINFORCED CONCRETE PIPE
PSC	PRIMARY SCUM	CAST IRON PIPE
PSL	PRIMARY SLUDGE	CAST IRON PIPE
RS	RETURN SLUDGE	CAST IRON PIPE
RAS	RETURN ACTIVATED SLUDGE	CAST IRON PIPE
SEW	RAW SEWAGE	CAST IRON PIPE, REINFORCED CONCRETE PIPE
SC	SCUM	CAST IRON PIPE
SCD	SCUM DECANT	CAST IRON PIPE
SCE	SCREENING EFFLUENT	CAST IRON PIPE, REINFORCED CONCRETE PIPE
TDS	THICKENED DIGESTED SLUDGE	CAST IRON PIPE
TDW	THICKENER DILUTING WATER	CAST IRON PIPE
TS	THICKENED SLUDGE	CAST IRON PIPE
VAC	VACUUM	GALVANIZED
WS	WASTE SLUDGE	CAST IRON PIPE
WSD	WASTE ACTIVATED SLUDGE	CAST IRON PIPE
PFD	PRIMARY FUME DUCT	TYPE I, PVC
ESW	EFFLUENT SAMPLING WATER	SCHED. 80 POLYVINYL CHLORIDE
GAS	GAS	STEEL
POT	POTABLE WATER	CAST IRON PIPE

NOTE: REINFORCED CONCRETE PIPE TO BE CLASS III WALL B.

SINGLE-LINE PIPING SYMBOLS

	FLANGED	MECHANICAL JOINT	BELL & SPIGOT	SCREWED	WELDED	SOLDERED
1. Joint						
2. Elbow - 90°						
3. Elbow - 45°						
4. Elbow - Turned Up						
5. Elbow - Turned Down						
6. Elbow - Long Radius						
7. Reducing Elbow						
8. Tee						
9. Tee - Outlet Up						
10. Tee - Outlet Down						
11. Side Outlet Tee - Outlet Up						
12. Cross						
13. Reducer - Concentric						
14. Reducer - Eccentric						
15. Lateral						
16. Gate Valve - Elev.						
17. Globe Valve - Elev.						
18. Check Valve						
19. Stop Cock						
20. Safety Valve						
21. Butterfly Valve						
22. Ball Valve						
23. Solenoid Valve						
24. Diaphragm Valve						
25. Balancing Valve						
26. Pressure Reducing Valve						
27. Plug Valve						
28. Hose Gate						
29. Angle Valve						
30. Relief Valve						
31. Air Vent						
32. Expansion Joint						
33. Union						
34. Bushing						
35. Strainer						





NOTE: ALL DRAIN PIPING TO HAVE 1/4" IN 12"

NOTE: FOR DRAIN SYSTEM RISER DIAGRAM SEE SHT. 32 FOR PLUMBING SCHEDULE

FIRST FLOOR PLAN

REV. NO.	DATE	REVISION	BY	CHECKED
2/24/74		ADDED FIRE & BACKFLOW LINE	SH	

DESIGNED	EDW
DRAWN	SH
CHECKED	EDW

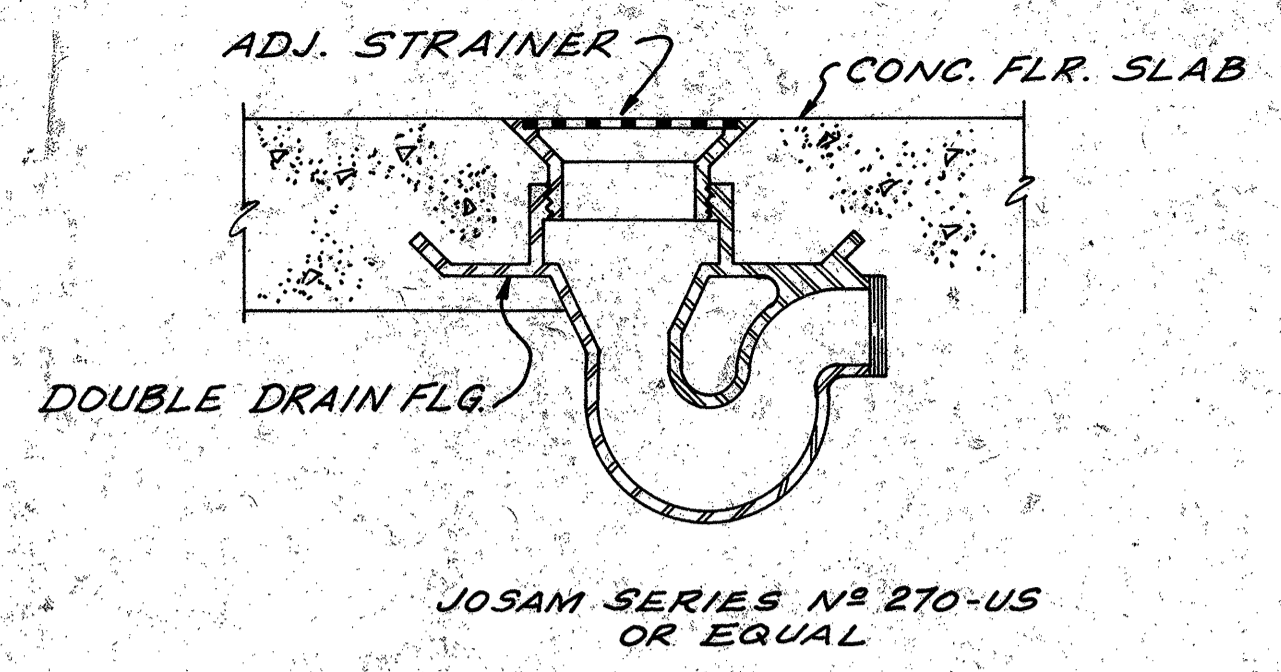
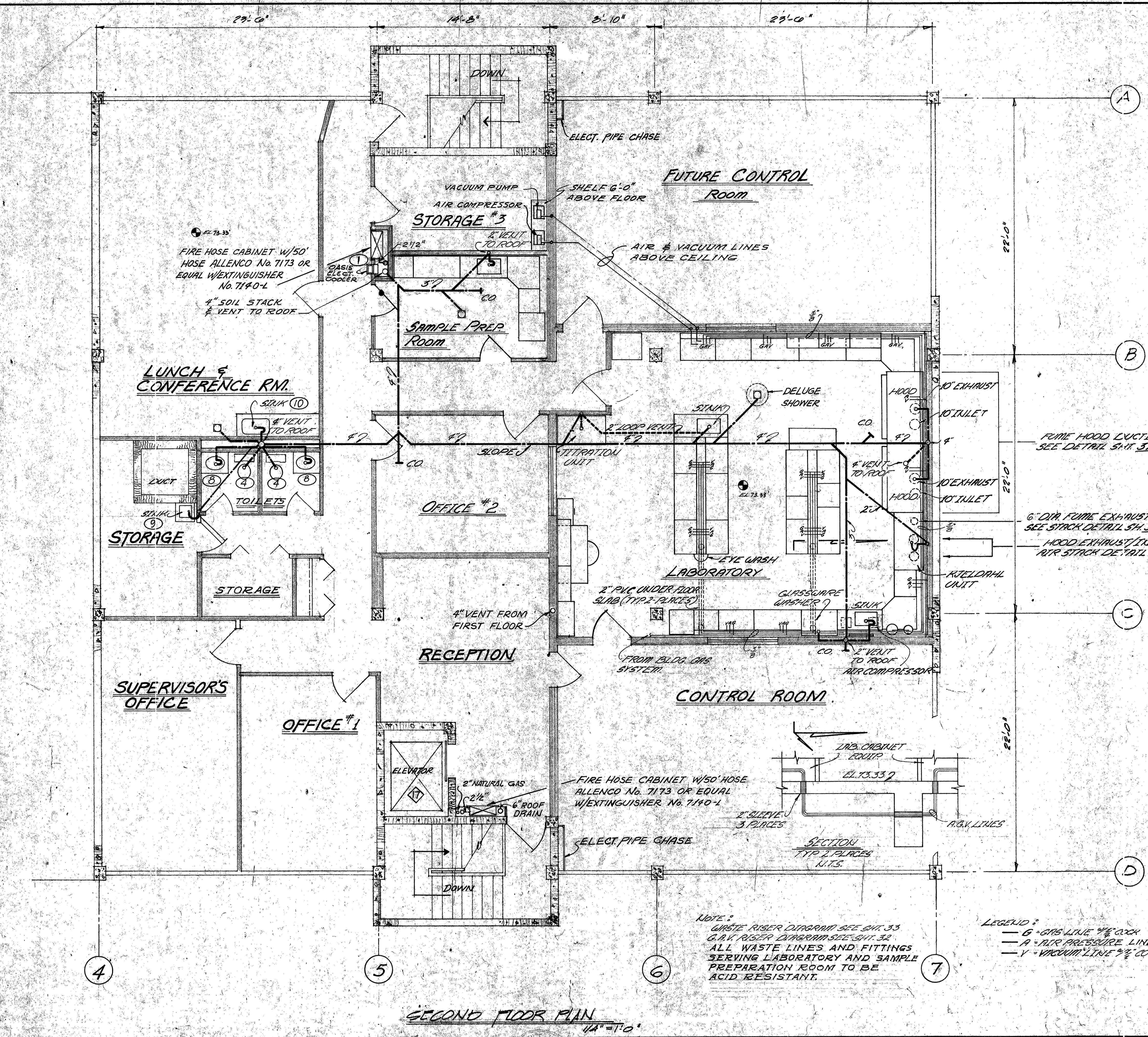
SUBMITTED	BULEY, WILD & ASSOCIATES
APPROVED:	



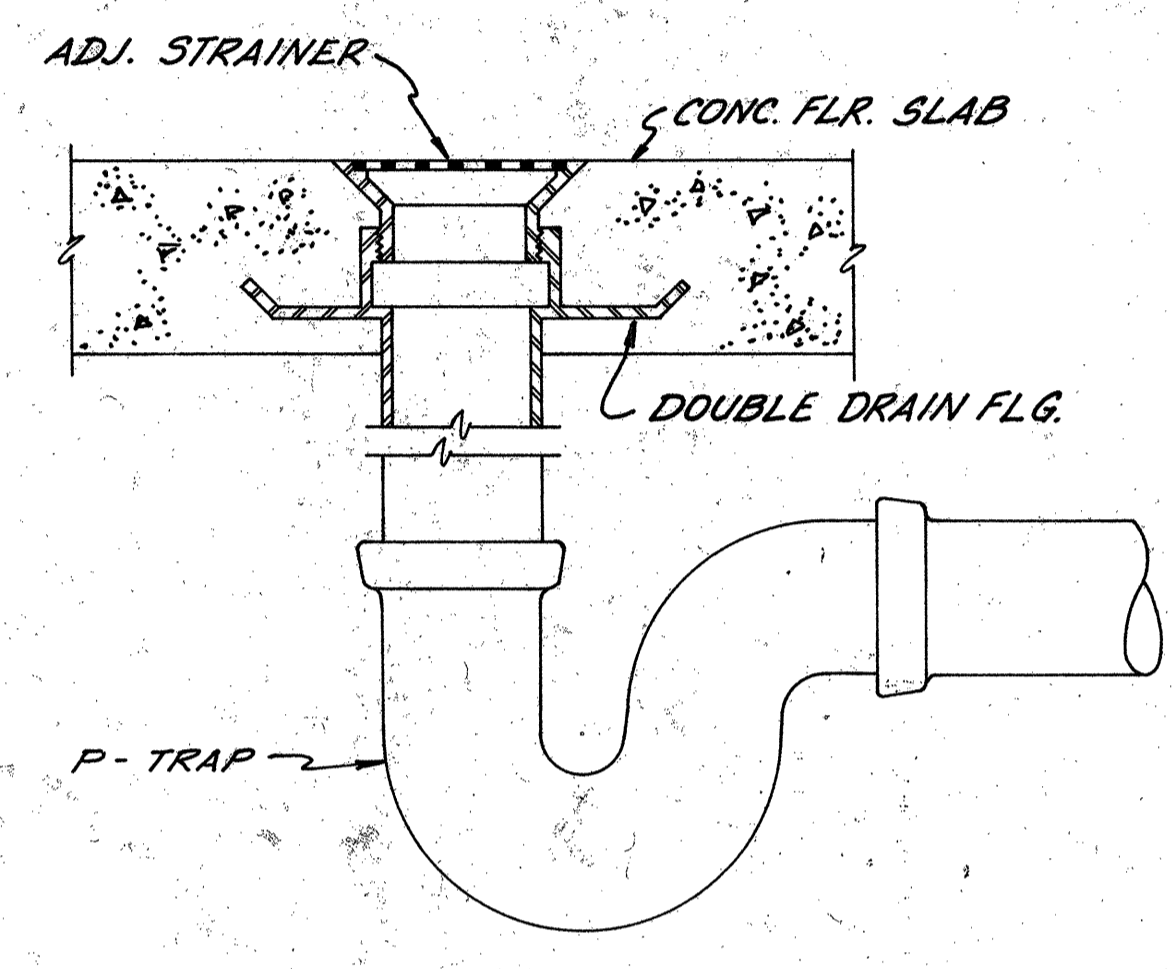
Buley, Wild & Associates
CONSULTING ENGINEERS
ORMOND BEACH, FLA. CLEARWATER, FLA.

NORTHEAST WASTEWATER TREATMENT FACILITY
CONTROL BUILDING - PLUMBING PLAN
CLEARWATER, FLORIDA

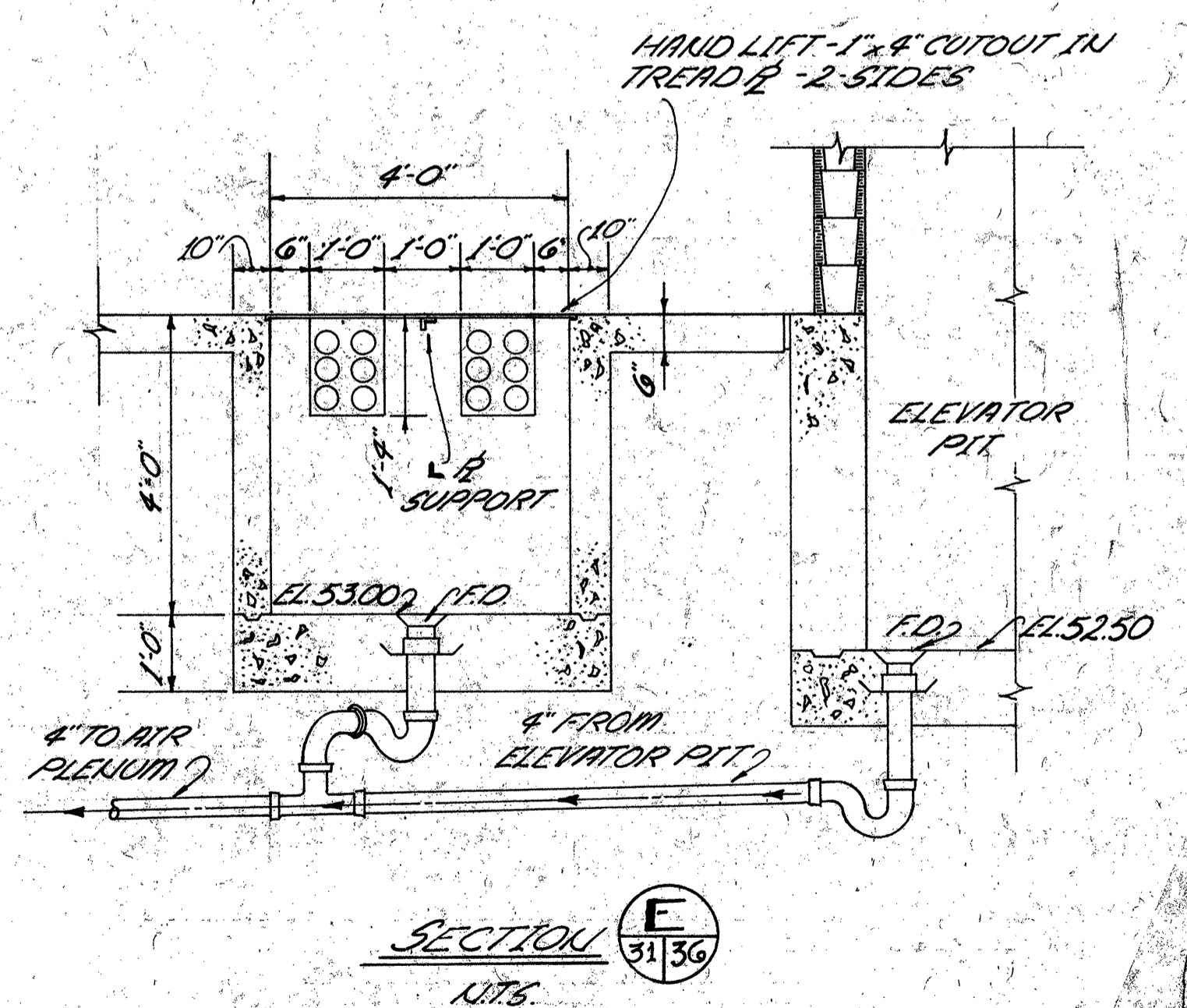
DATE: DEC. 1975	PROJ. NO. 7236-2/A
SCALE: 1/4" = 1'-0"	FILE NO.
SHEET NO. 30 OF 142	M-8401



FLOOR DRAIN WITH BUILT-IN TRAP
N.T.S.



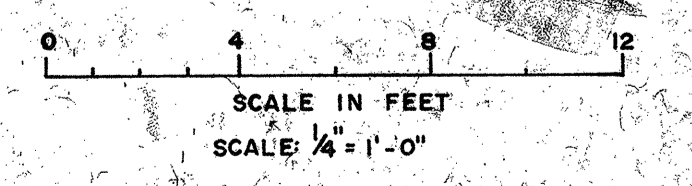
FLOOR DRAIN WITH TRAP ADDED
N.T.S.



SECTION E
31/36
N.T.S.

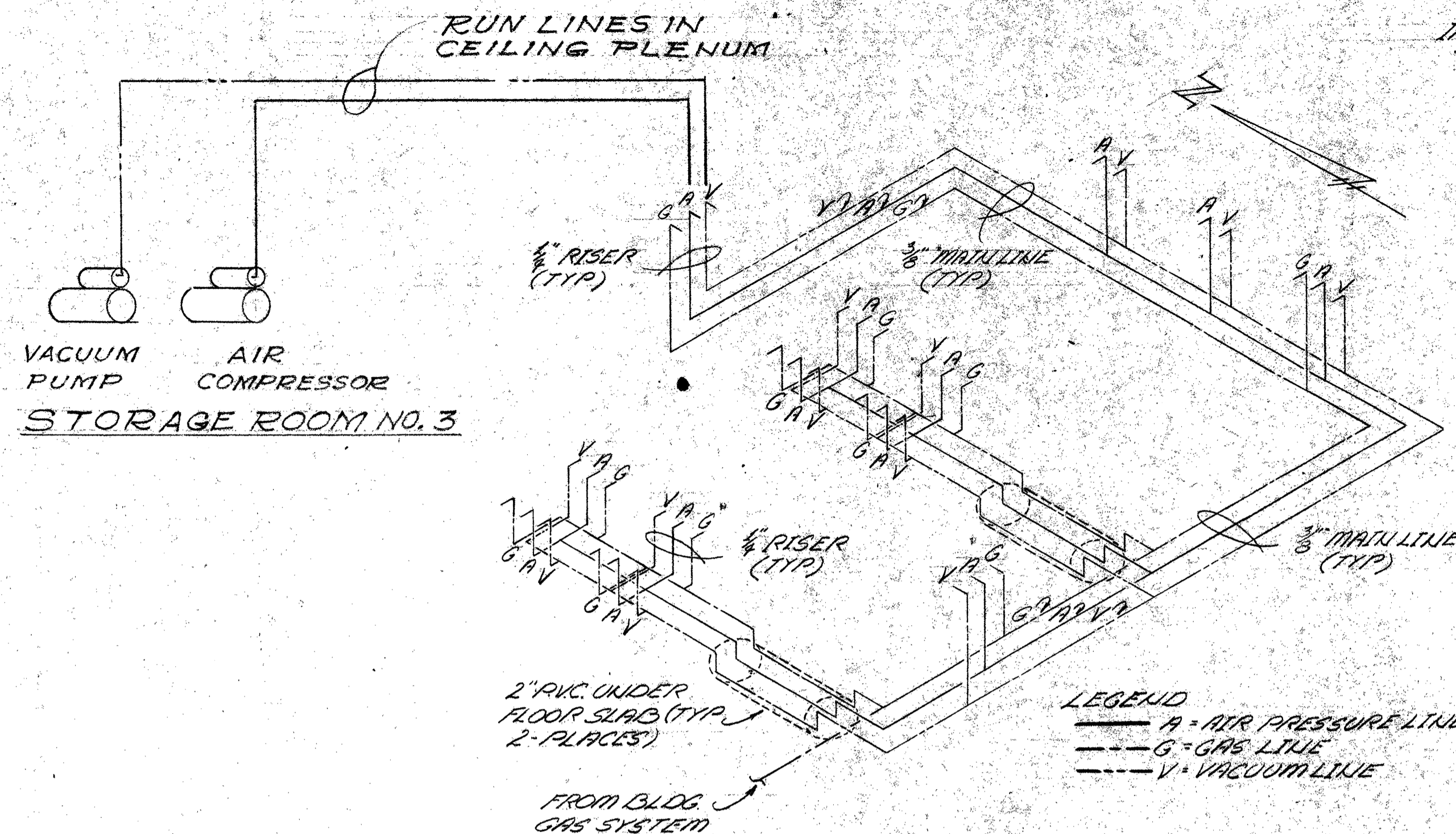
NOTE:
WASTE RISER DIAGRAM SEE SH. 33
G.V. RISER DIAGRAM SEE SH. 32
ALL WASTE LINES AND FITTINGS SERVING LABORATORY AND SAMPLE PREPARATION ROOM TO BE ACID RESISTANT.

LEGEND:
— G - GAS LINE 1/2" COCK
— A - AIR PRESSURE LINE W/ 1/4" COCK
— V - VACUUM LINE 3/8" COCK

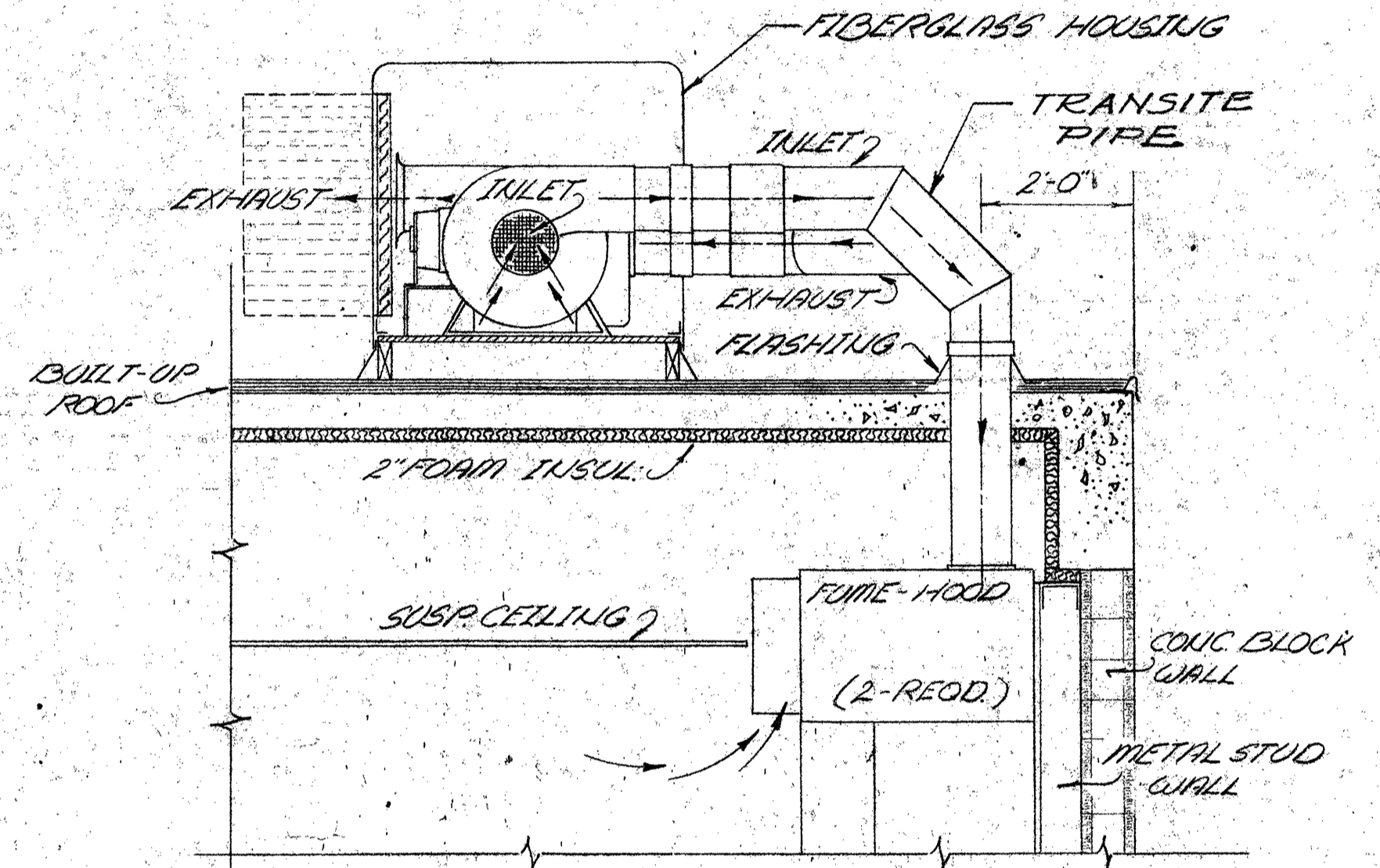
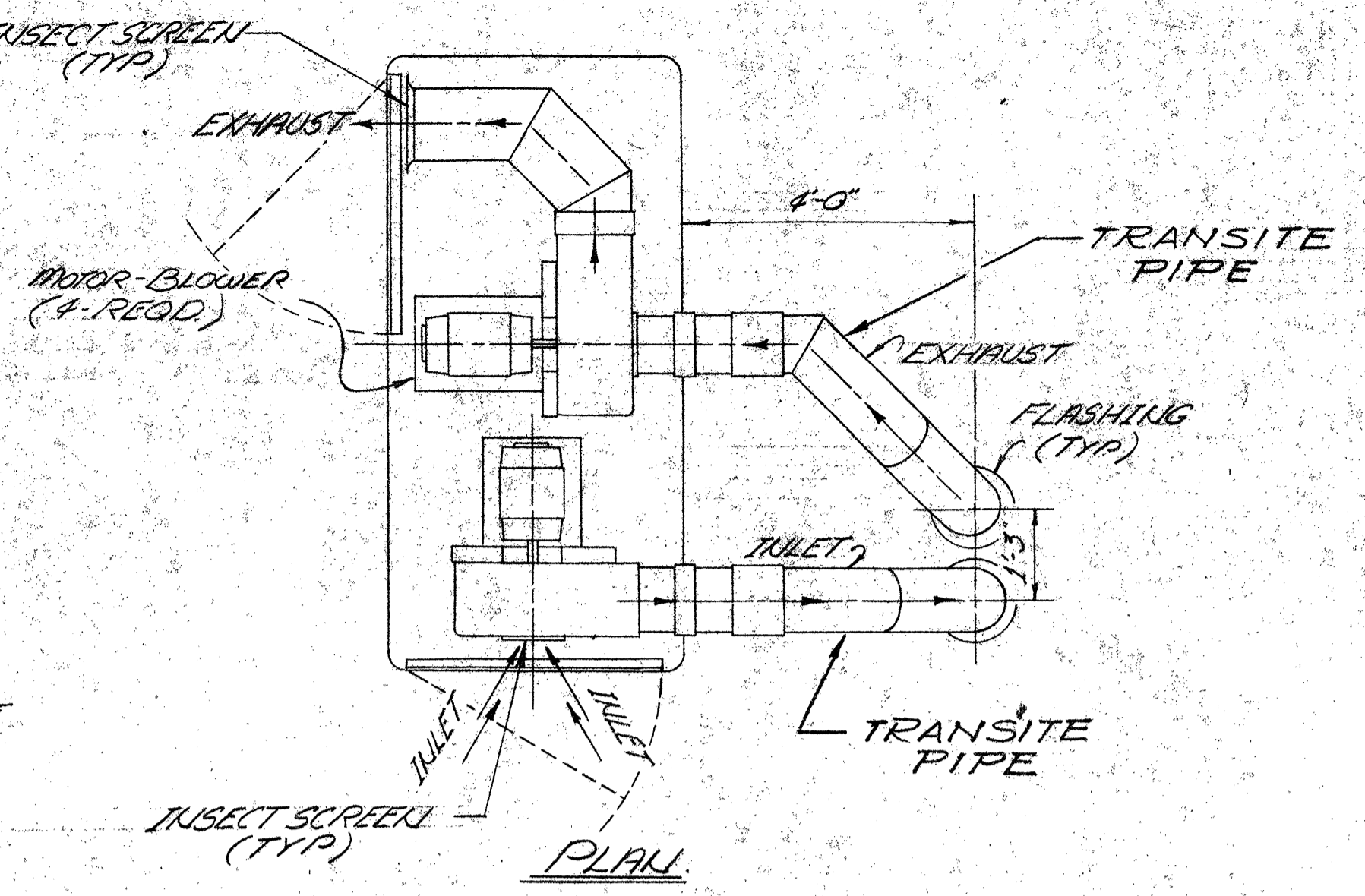


SECOND FLOOR PLAN
1/4" = 1'-0"

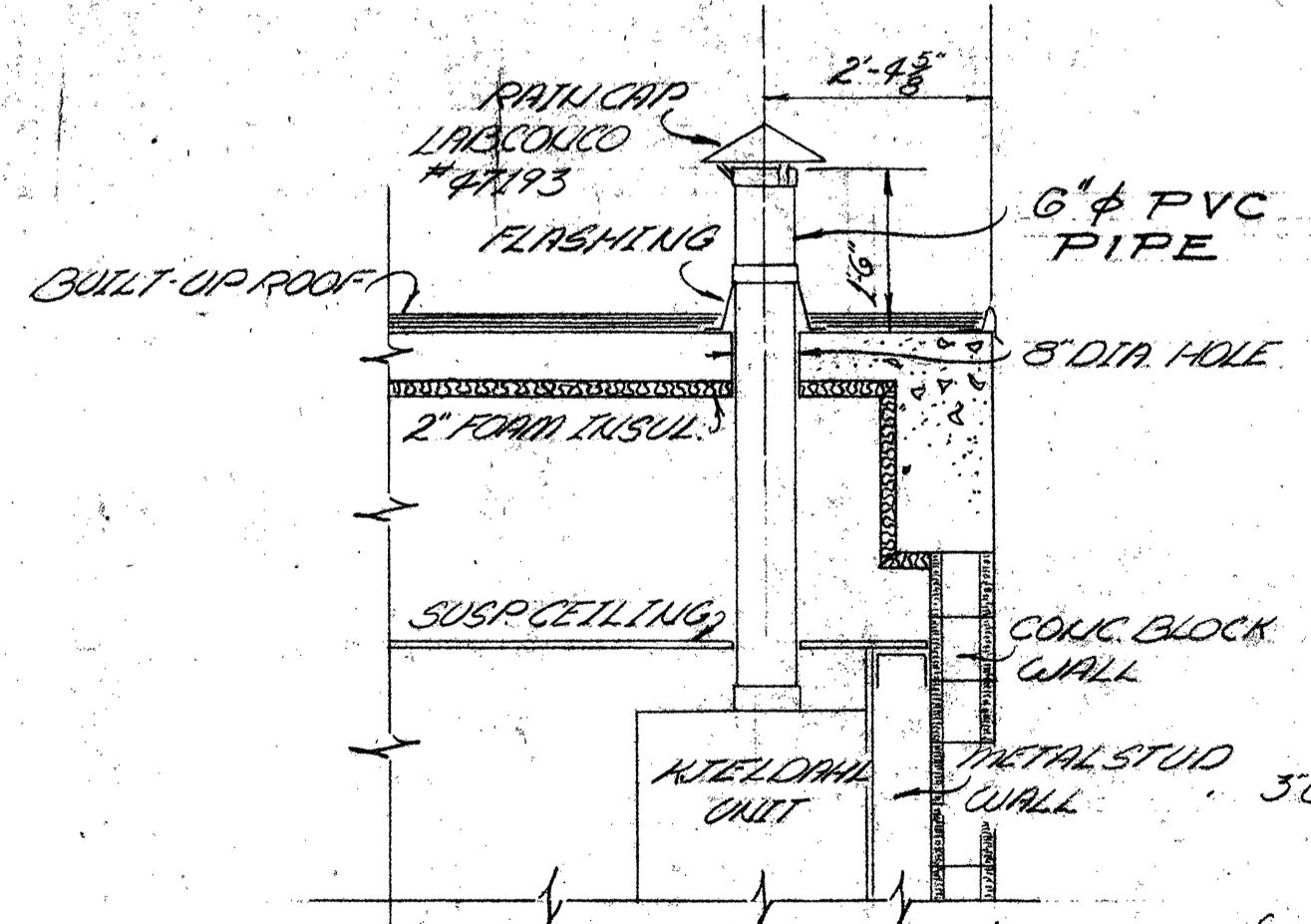
DESIGNED: J.T.D.		SUBMITTED: BRILEY, WILD & ASSOCIATES		PROJECT NO. 7236-2A	
DRAWN: G.M.W.		PRINCIPAL: Steven & Thomas		DATE: DEC. 1975	
CHECKED: J.T.D.		PROJECT ENGINEER: [Signature]		SCALE: 1/4" = 1'-0"	
REVISION: 3/1/76 ADDED AIR PUMPS & NOTES GH		APPROVED: [Signature]		SHEET NO. 31 OF 142	
		<p align="center">Briley, Wild & Associates CONSULTING ENGINEERS ORMOND BEACH, FLA. CLEARWATER, FLA.</p>		<p align="center">NORTHEAST WASTEWATER TREATMENT FACILITY CONTROL BUILDING - PLUMBING PLAN CLEARWATER, FLORIDA</p>	



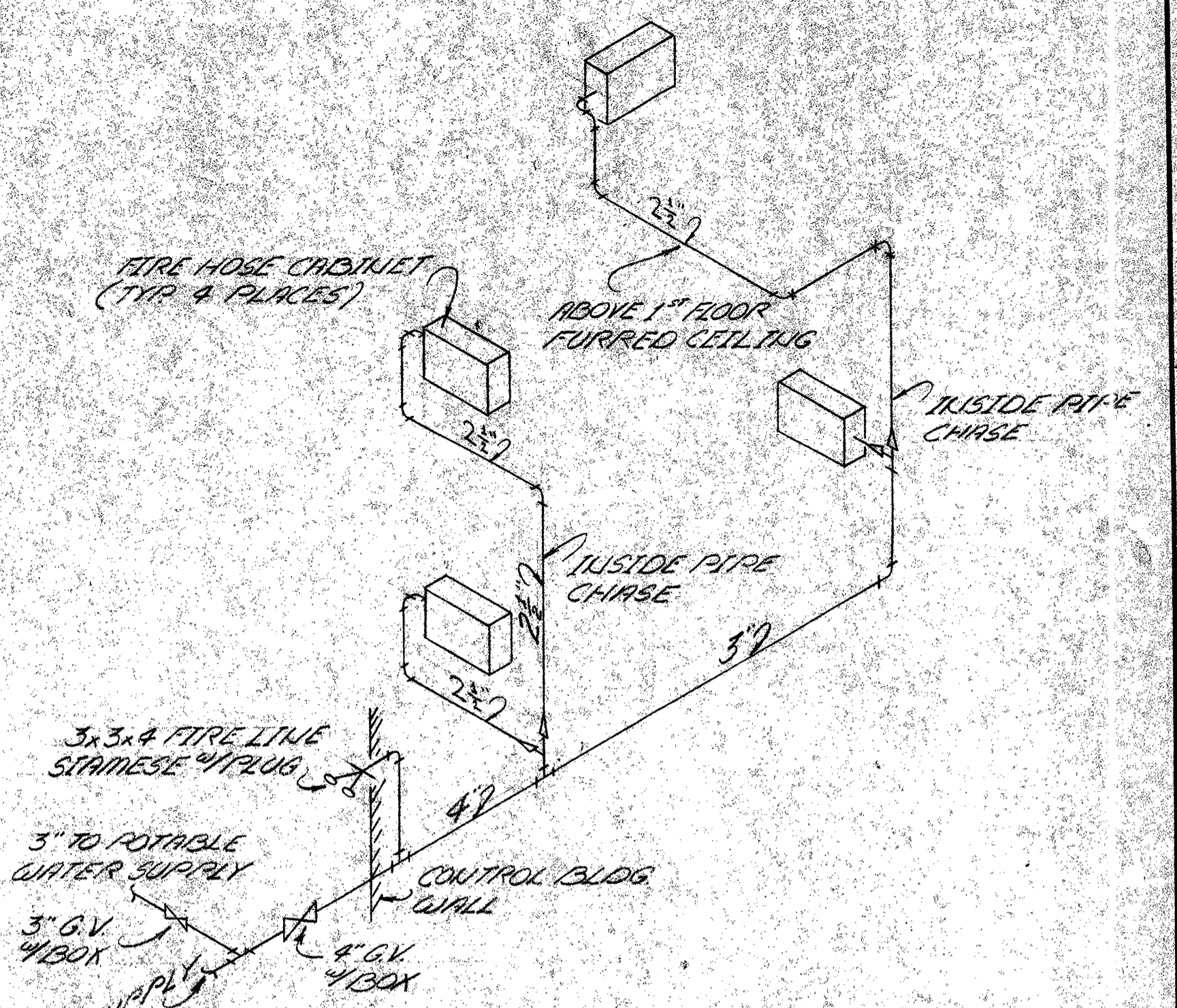
RISER DIAGRAM
LABORATORY - AIR PRESSURE/GAS/VACUUM
N.T.S.



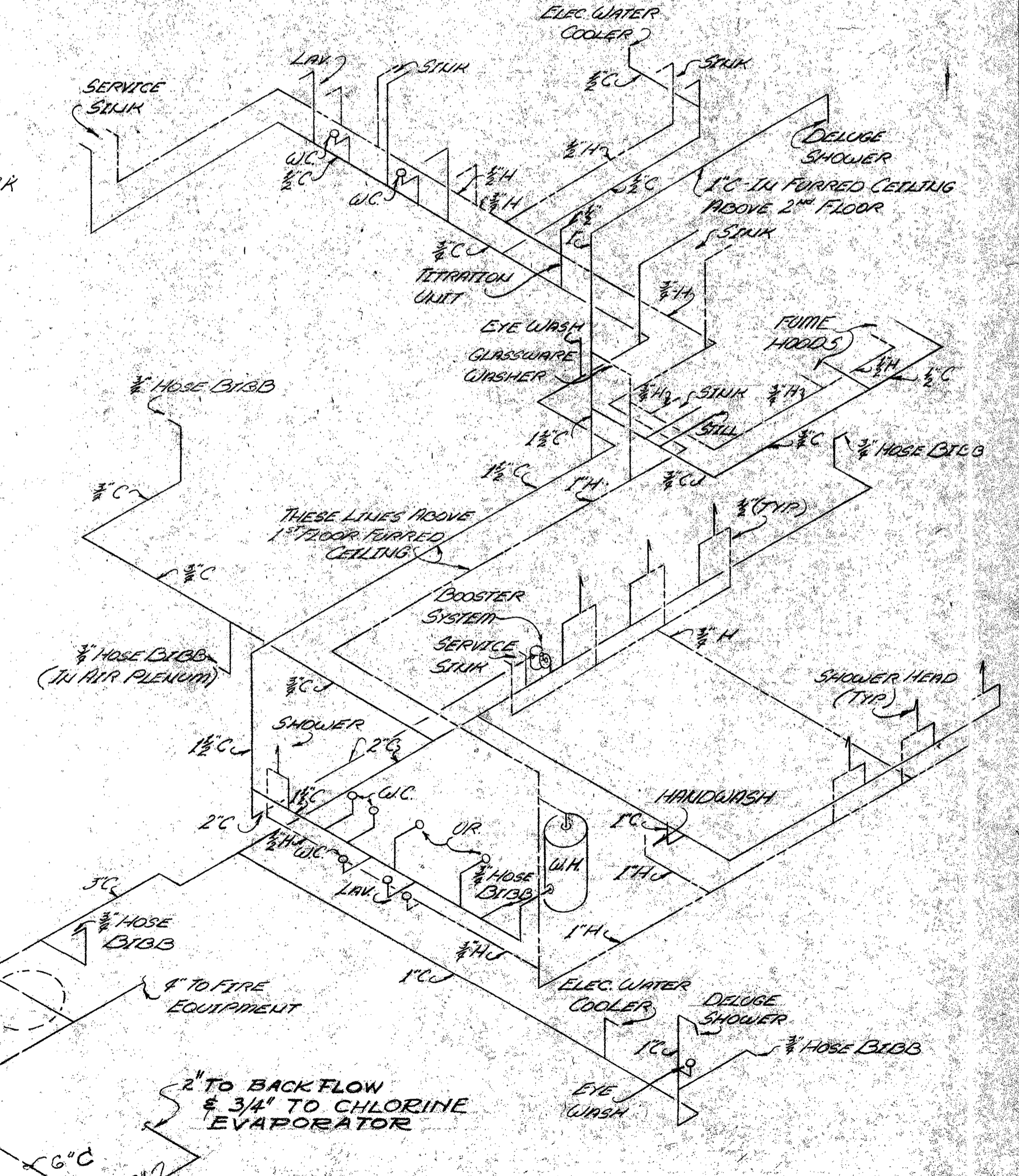
DETAIL - FUME HOOD DUCTING
TYP. 2 PLACES
N.T.S.
(KJELDAHL UNIT DUCTING SIMILAR)
(1 PLACE)



DETAIL - KJELDAHL FUME EXHAUST STACK
N.T.S.

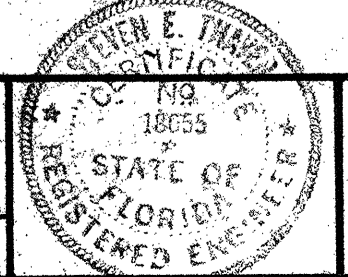


FIRE EQUIPMENT RISER DIAGRAM
NO SCALE



RISER DIAGRAM - POTABLE WATER SYSTEM
NO SCALE

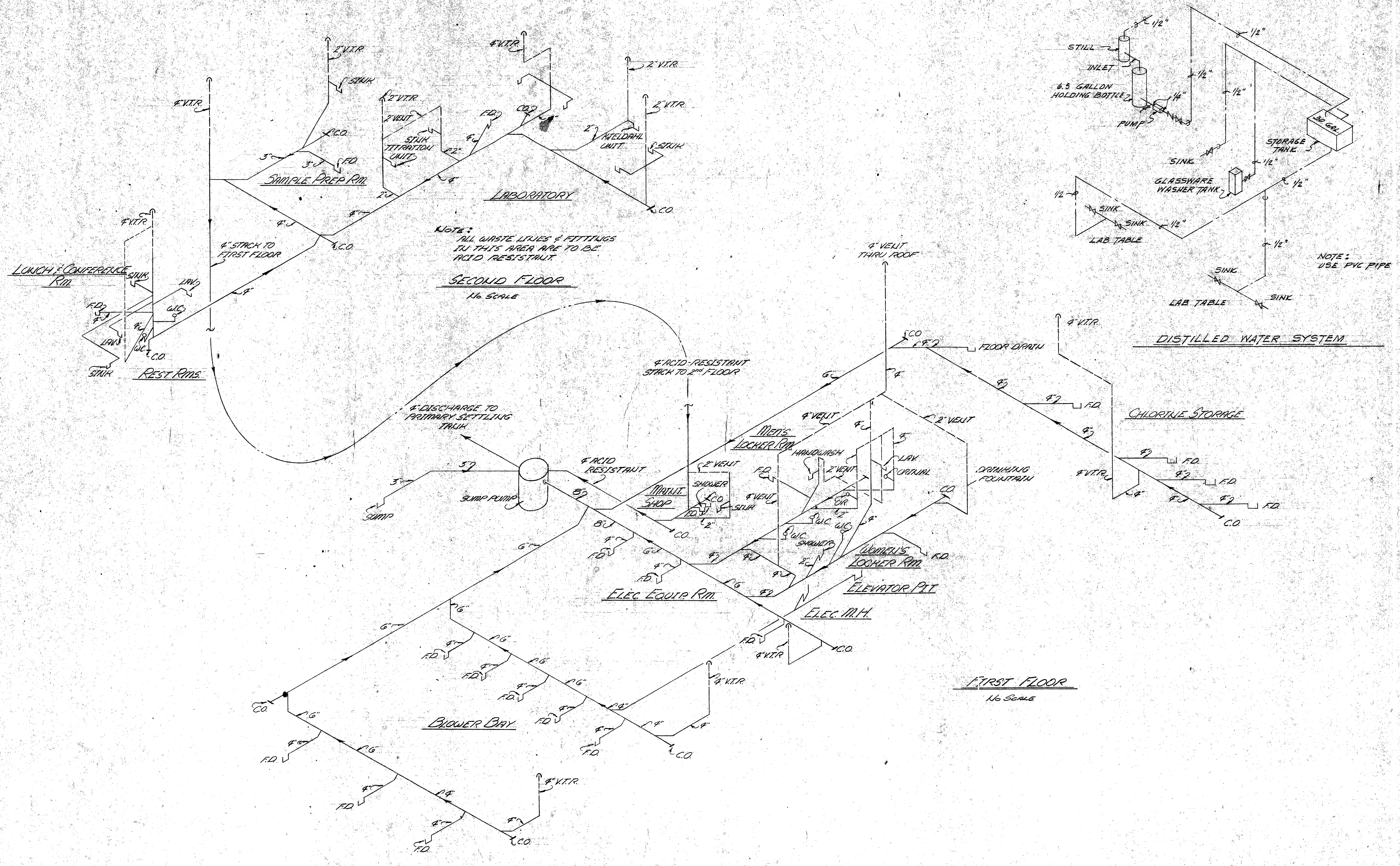
DESIGNED	EWB	DATE	3/1/76
DRAWN	GH	REVISION	ADDED AIRPUMP CLINES
CHECKED	EWB	BY	GH
APPROVED	STEVEN E. WILD	DATE	3/24/76



Biley, Wild & Associates
CONSULTING ENGINEERS
ORMOND BEACH, FLA. CLEARWATER, FLA.

NORTHEAST WASTEWATER TREATMENT FACILITY
CONTROL BUILDING - RISER DIAGRAMS
CLEARWATER, FLORIDA

DATE	DEC. 1975	PROJ. NO.	7236-2A
SCALE	NO SCALE	FILE NO.	M-8403
SHEET NO.	32	OF	142



NOTE:
ALL WASTE LINES & FITTINGS
IN THIS AREA ARE TO BE
ACID RESISTANT

SECOND FLOOR
No SCALE

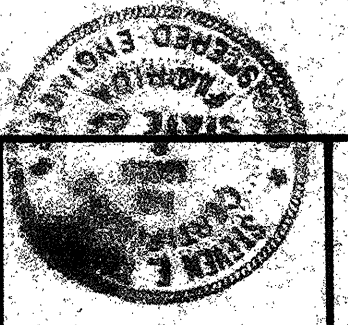
FIRST FLOOR
No SCALE

NOTE:
USE PVC PIPE

REV. NO.	DATE	REVISION	BY	CHECKED

DESIGNED	ETJ
DRAWN	ETJ
CHECKED	ETJ

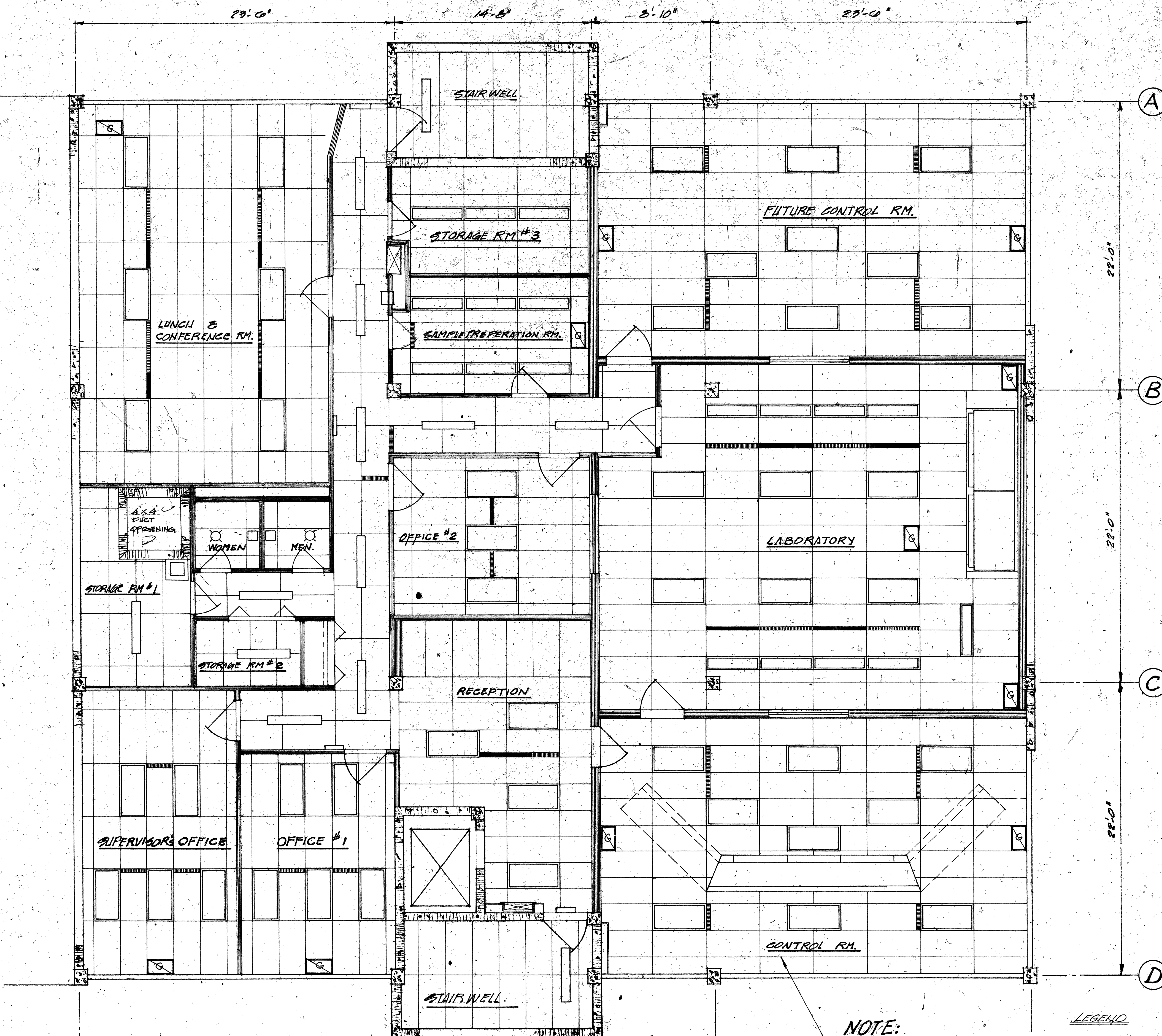
SUBMITTED BY: KEV. WILD & ASSOCIATES
 PROJECT ENGINEER: Steven E. Thayer 3/28/76
 APPROVED: _____



Briley, Wild & Associates
 CONSULTING ENGINEERS
 ORMOND BEACH, FLA. CLEARWATER, FLA.

NORTHEAST WASTEWATER TREATMENT FACILITY
 CONTROL BUILDING - RISER DIAGRAMS
 CLEARWATER, FLORIDA

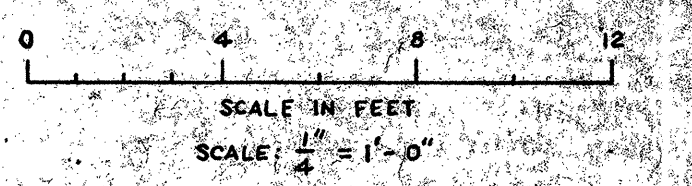
DATE: DEC. 1975	PROJ. NO. 7236-2A
SCALE: NO SCALE	FILE NO.
SHEET NO. 33 OF 142	M-8404



NOTE:
2'-0" x 4'-0" CEILING GRID
SEE ELECTRICAL SH. No. 133

LEGEND

- SUPPLY AIR SLOT
- RETURN AIR SLOT
- RETURN AIR GRILLE



SECOND FLOOR - CEILING PLAN
1/4" = 1'-0"

REV. NO.	DATE	REVISION	BY	CHECKED
3/1/76		REVISED TITLE	GH	

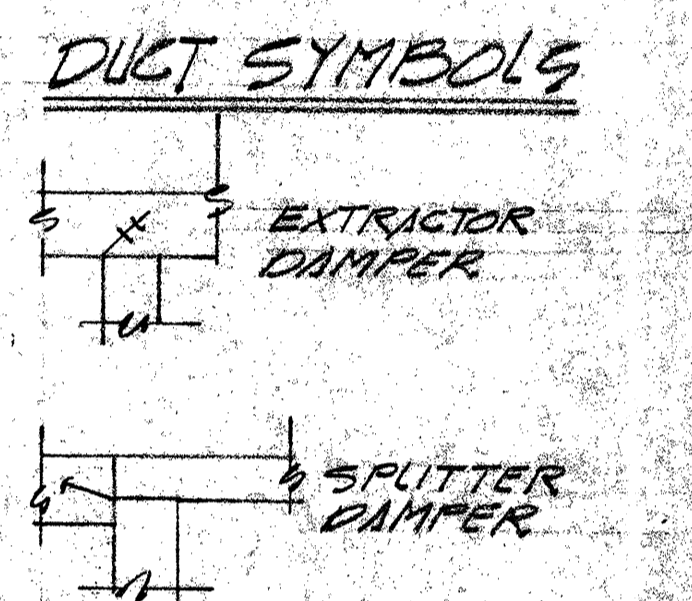
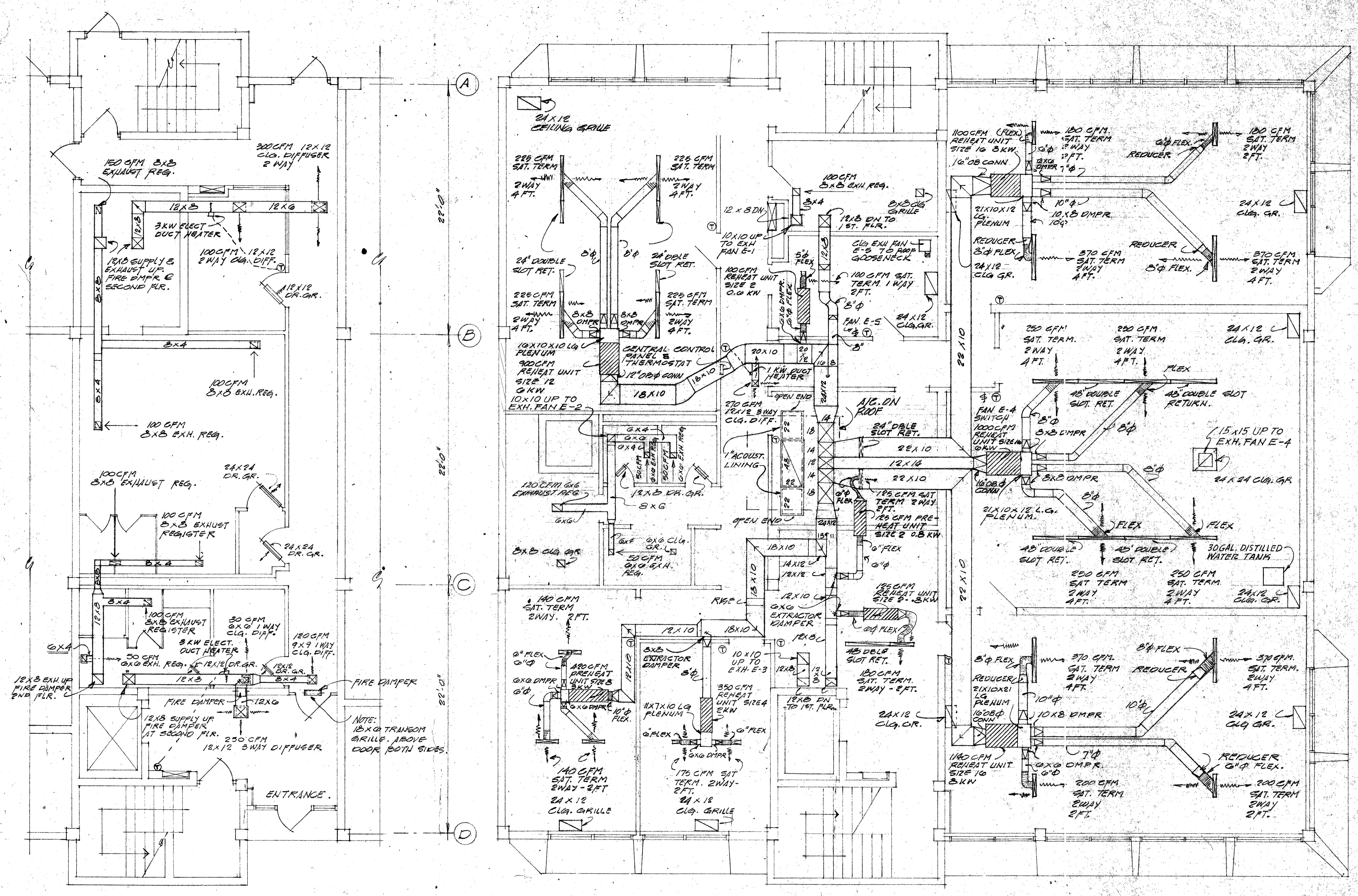
DESIGNED	MPC
DRAWN	ELH/DP
CHECKED	MPC

SUBMITTED BY	WILCOX & ASSOCIATES
PRINCIPAL	Stuart E. Thayer 3/24/76
PROJECT ENGINEER	
APPROVED:	

Briley, Wild & Associates
CONSULTING ENGINEERS
ORMOND BEACH, FLA. CLEARWATER, FLA.

NORTHEAST WASTEWATER TREATMENT FACILITY
CONTROL BUILDING - REFLECTED CEILING PLAN
CLEARWATER, FLORIDA

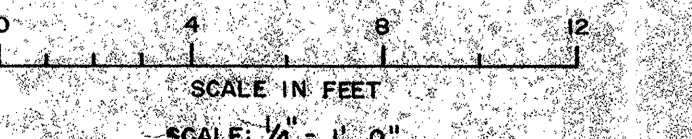
DATE	DEC. 1975	PROJECT NO.	7256-2
SCALE	AS SHOWN	FILE NO.	
SHEET NO.	34 OF 142		M-8405



NOTE: A/C UNIT
 TRANE SAHD - 233 MBH
 7A TO 3H 95° OUTSIDE
 AIR 35 DB / 69° WB
 ENTERING AIR 3 HP
 EXHA. FAN MOTOR
 6000 CFM @ 3/4" EXTERNAL SP.

NOTE: EXHAUST FANS TOP S.P. AIR SPEED
 E-1 450 CFM @ 3/8" 1/10 1000
 E-2 270 CFM @ 1/4" 1/25 1000
 E-3 350 CFM @ 3/8" 1/10 1000
 E-4 100 CFM @ 1/4" 1/4 500
 E-5 200 CFM @ 1/8" 1/10 1000
 * RPM

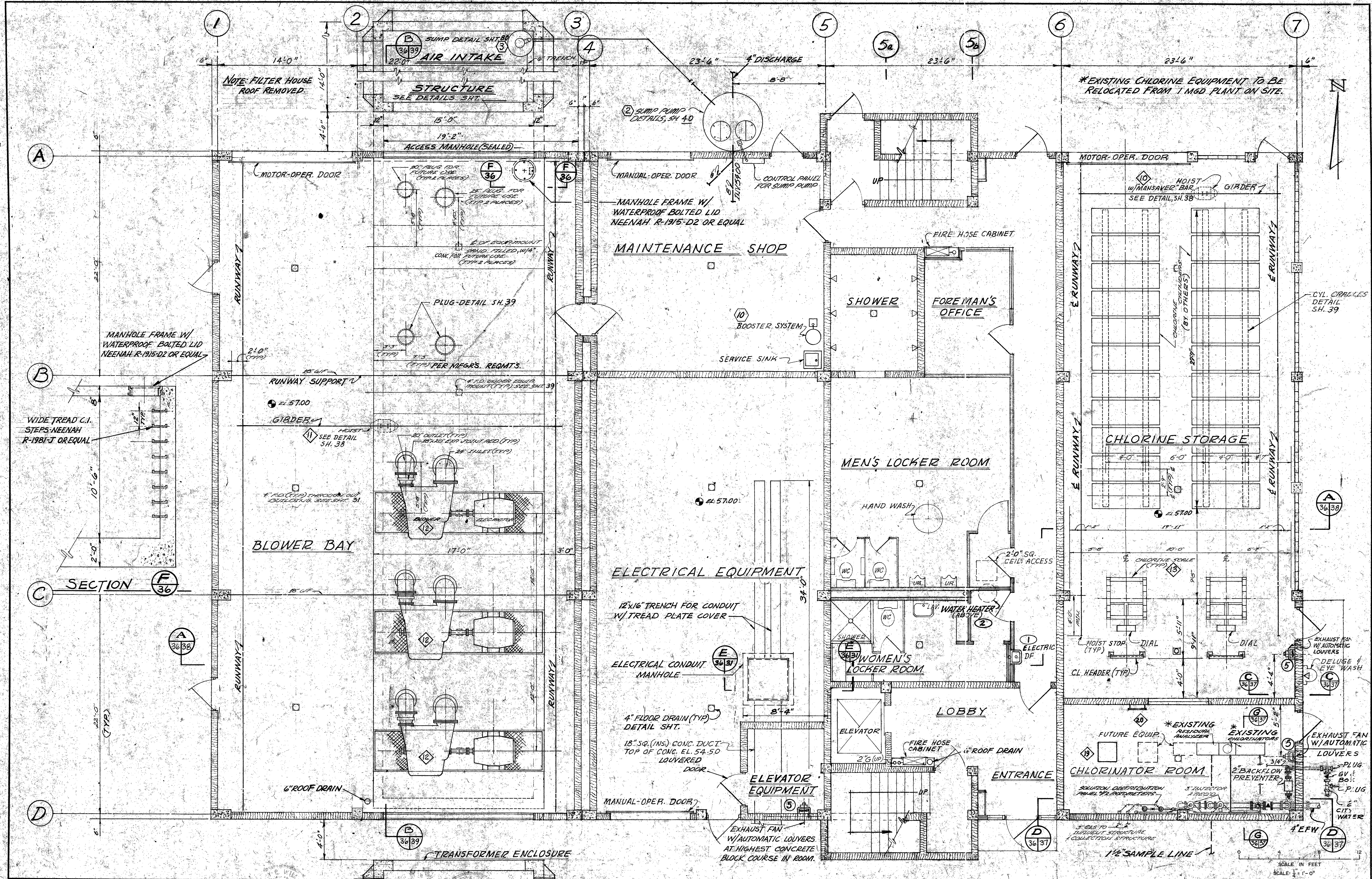
NOTE: SEE SHT. 3A FOR EXACT LOCATIONS OF AIR SLOTS RELATIVE TO 2ND FLOOR CEILING GRID SYSTEM.



FIRST FLOOR

SECOND FLOOR

DESIGNED: TIEL DRAWN: JHE CHECKED: JPH		SUBMITTED: BRILEY, WILD & ASSOCIATES PROJECT ENGINEER: Steven E. Wild 3/24/76 APPROVED:		NORTHEAST WASTEWATER TREATMENT FACILITY CONTROL BLDG. - DUCT PLAN CLEARWATER, FLORIDA		DATE: DEC. 1975 SCALE: 1/4" = 1'-0" SHEET NO. 35 OF 142		PROJ. NO. 7236-2A FILE NO. M-8406	
3/1/76 ADDED SHADE, REV. NOTES REV. NO. DATE REVISION BY CHECKED		BRILEY, WILD & ASSOCIATES CONSULTING ENGINEERS ORMOND BEACH, FLA. CLEARWATER, FLA.		NORTH FLORIDA REGISTERED PROFESSIONAL ENGINEERS STATE OF FLORIDA LICENSE NO. 10888		DATE: DEC. 1975 SCALE: 1/4" = 1'-0" SHEET NO. 35 OF 142		PROJ. NO. 7236-2A FILE NO. M-8406	



3-25-74	REVISED CL ₂ SCALES	DESIGNED	BY
3-14-76	ADDED BACKFLOW PREVENTER	DRAWN	BY
REV. NO.	DATE	REVISION	BY

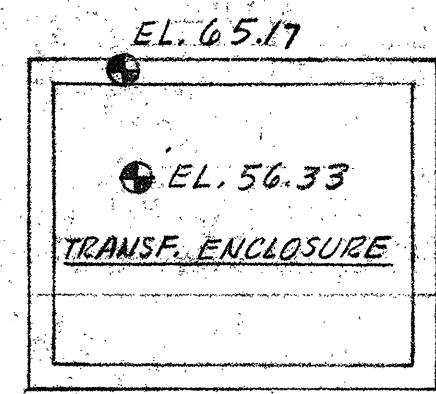
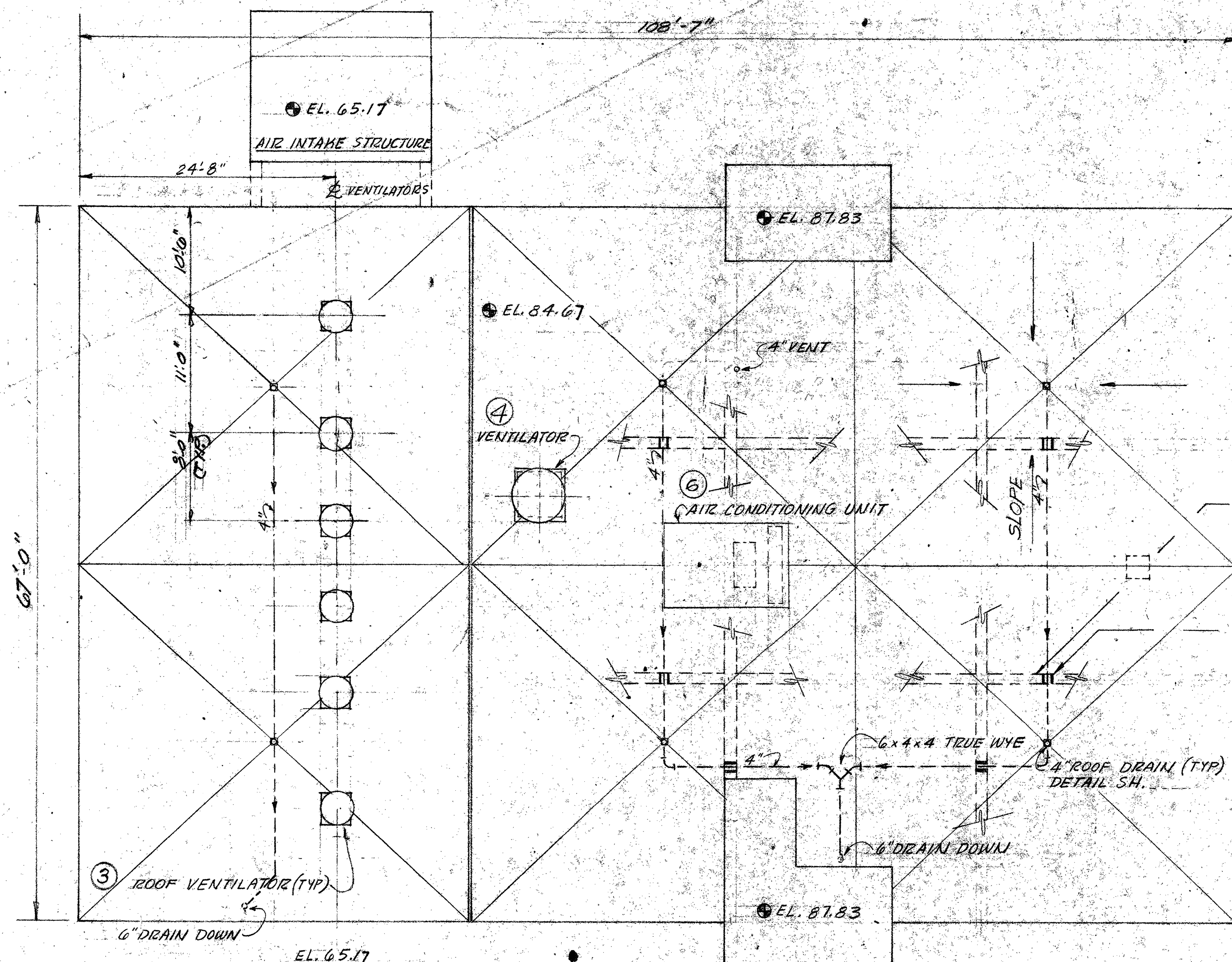
DESIGNED	BY
DRAWN	BY
CHECKED	BY

SUBMITTED: BRILEY, WILD & ASSOCIATES
PRINCIPAL
PROJECT ENGINEER
APPROVED:

Briley, Wild & Associates
 CONSULTING ENGINEERS
 ORMOND BEACH, FLA. CLEARWATER, FLA.

NORTHEAST WASTEWATER TREATMENT FACILITY
 CONTROL BUILDING — FIRST FLOOR PLAN
 CLEARWATER, FLORIDA

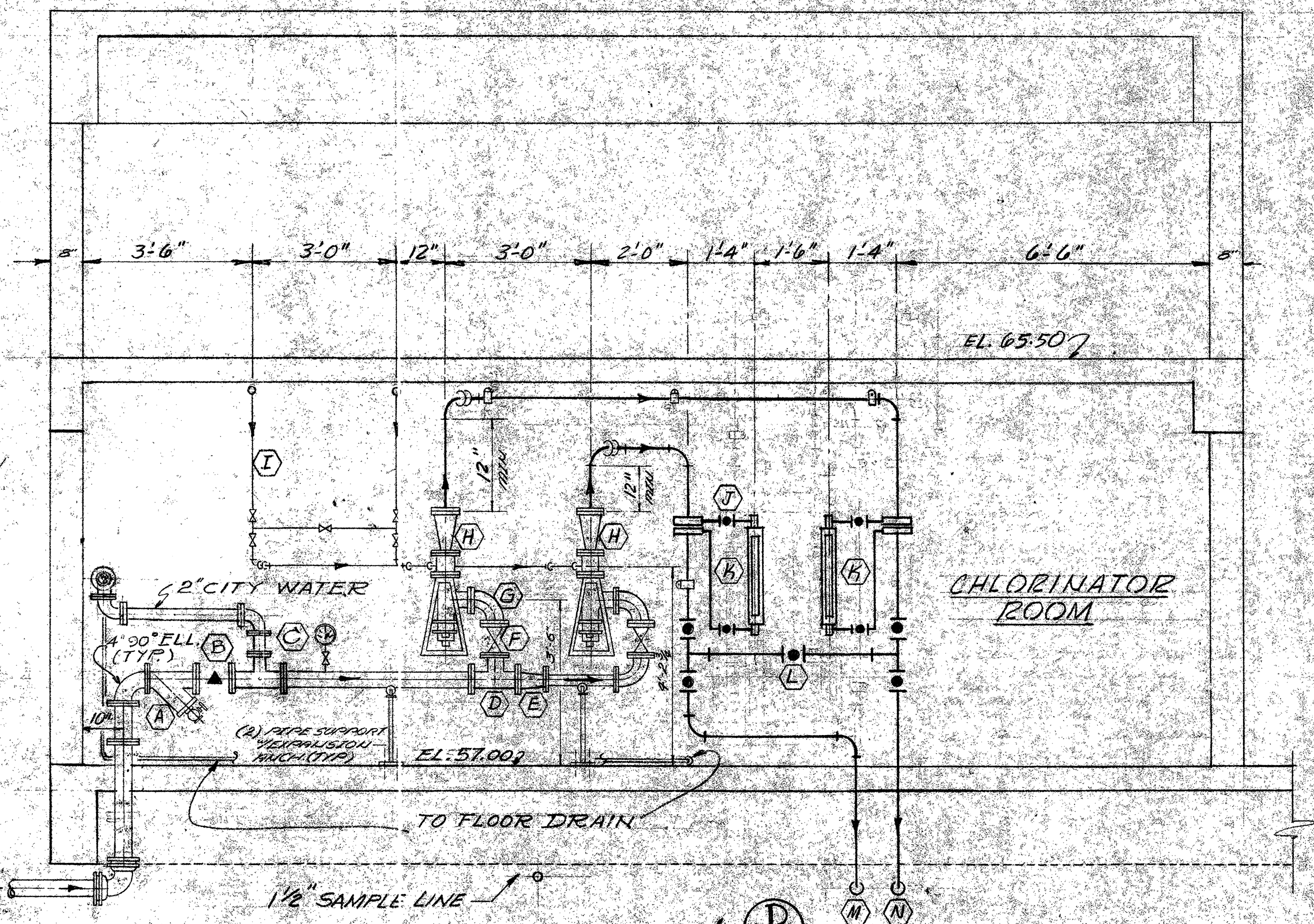
DATE: DEC. 1975	PROJ. NO. 7236-2A
SCALE: 1/4" = 1'-0"	FILE NO.
SHEET NO. 36 OF 142	M-8407



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

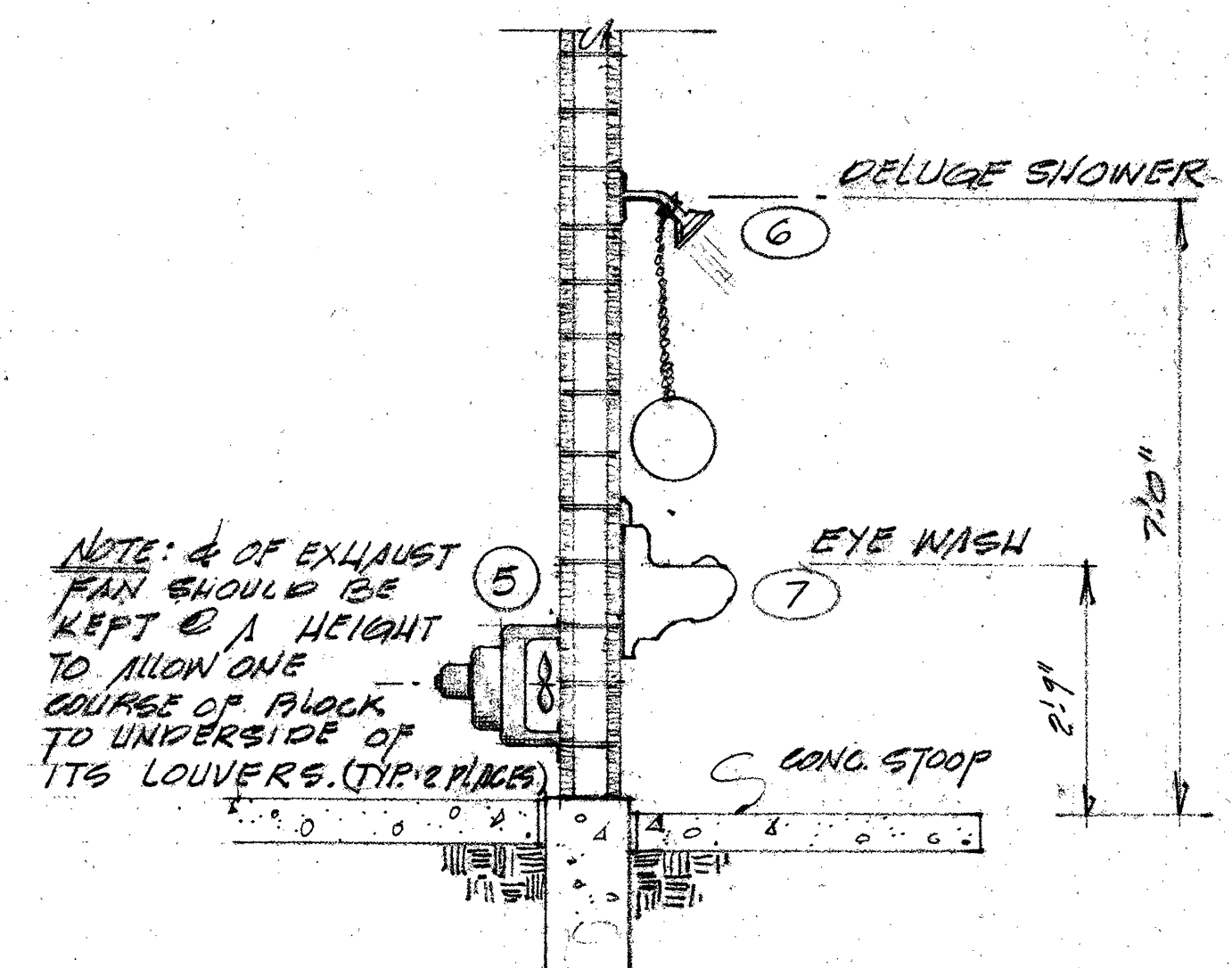
NOTE: SLOPE ALL ROOF DRAIN PIPING 1/4" PER FT. WHERE POSSIBLE.

BEAMS UNDER ROOF SHOWN FOR CLARIFICATION.
SLEEVE THRU BEAM (TYP. 6 PLCS.)

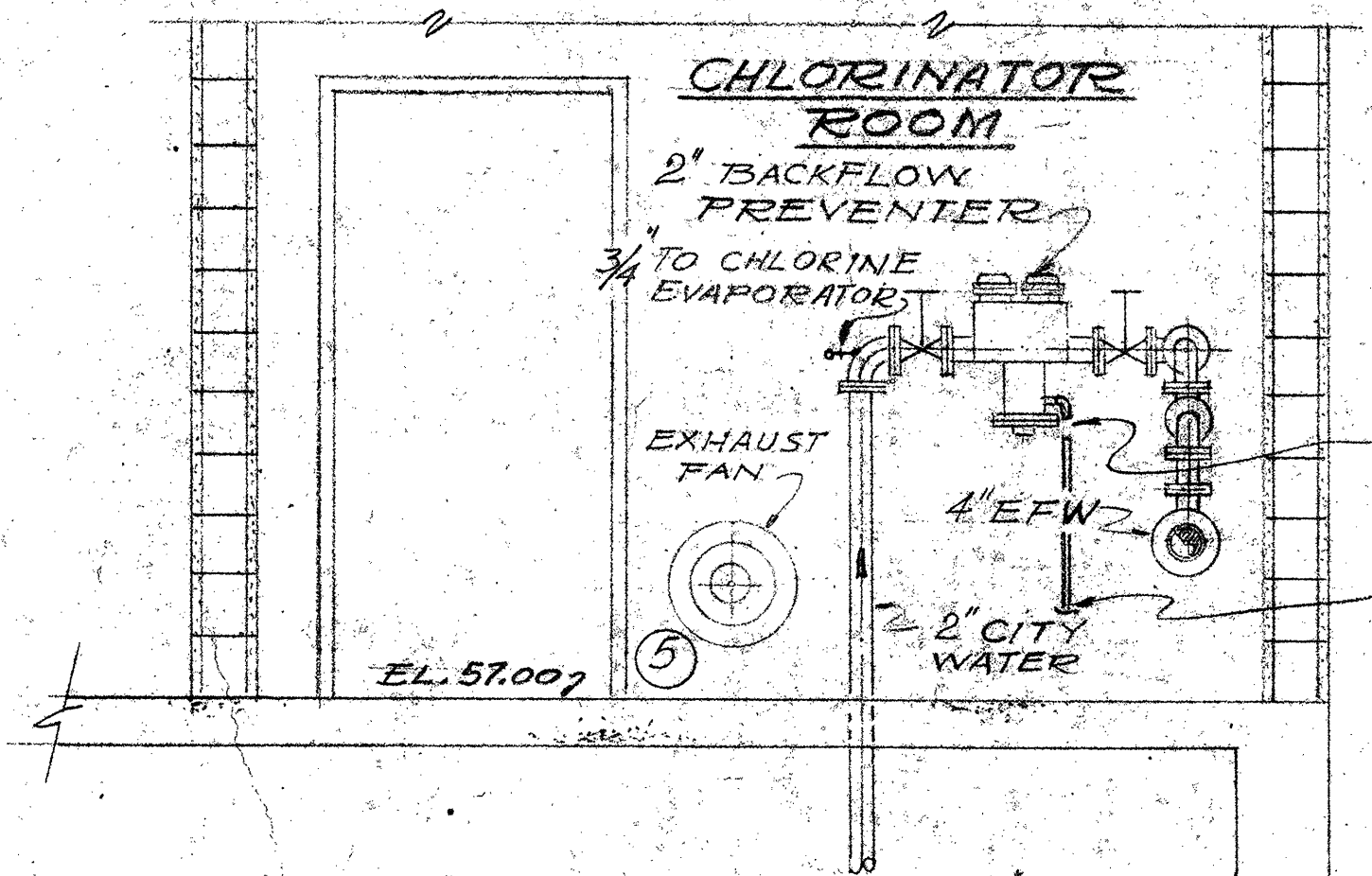


SECTION D
SCALE: 1/2" = 1'-0"

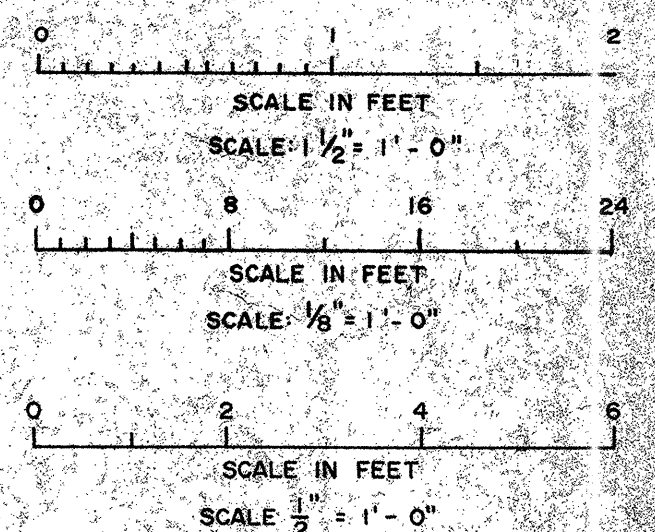
- (A) 4" SELF-CLEANING Y-TYPE BASKET STRAINER W/ 2" GV BLOWOFF
- (B) 4" WATER SUPPLY
- (C) PRESSURE GAUGE W/ VALVE
- (D) 4" TEE
- (E) 4 X 3 REDUCER
- (F) 3" RUBBER-LINED DIAPHRAGM VALVE
- (G) 3"-90° FLG ELL
- (H) 3" INJECTOR, WALLACE & TIERNAN OR EQUAL
- (I) 1 1/4" CL₂ FROM CHLORINATORS
- (J) 1/2" BLV (4 PLACES)
- (K) 3" BY-PASS ROTOMETER
- (L) 3" BLV (5 PLACES)
- (M) 3" CLS TO CHLORINE CONTACT TANK
- (N) 3" CLS TO INFLUENT STRUCTURE



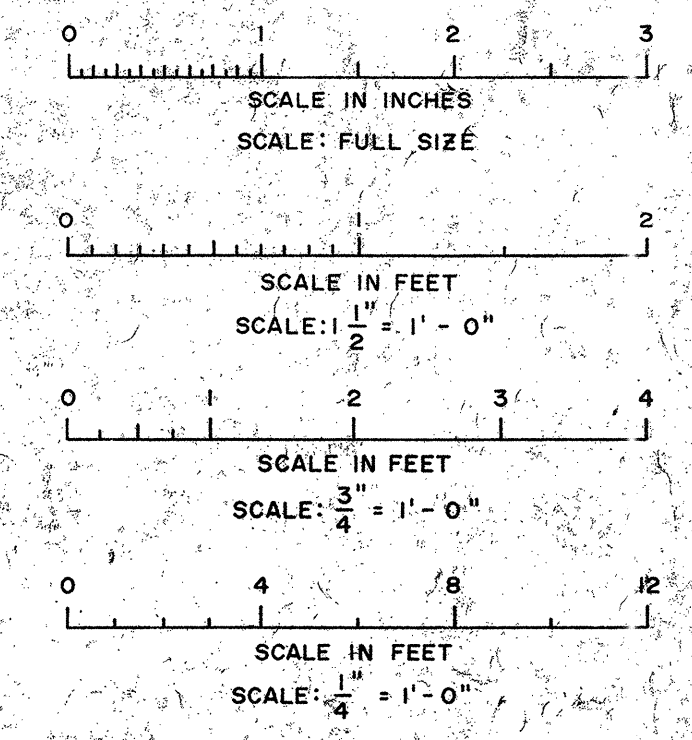
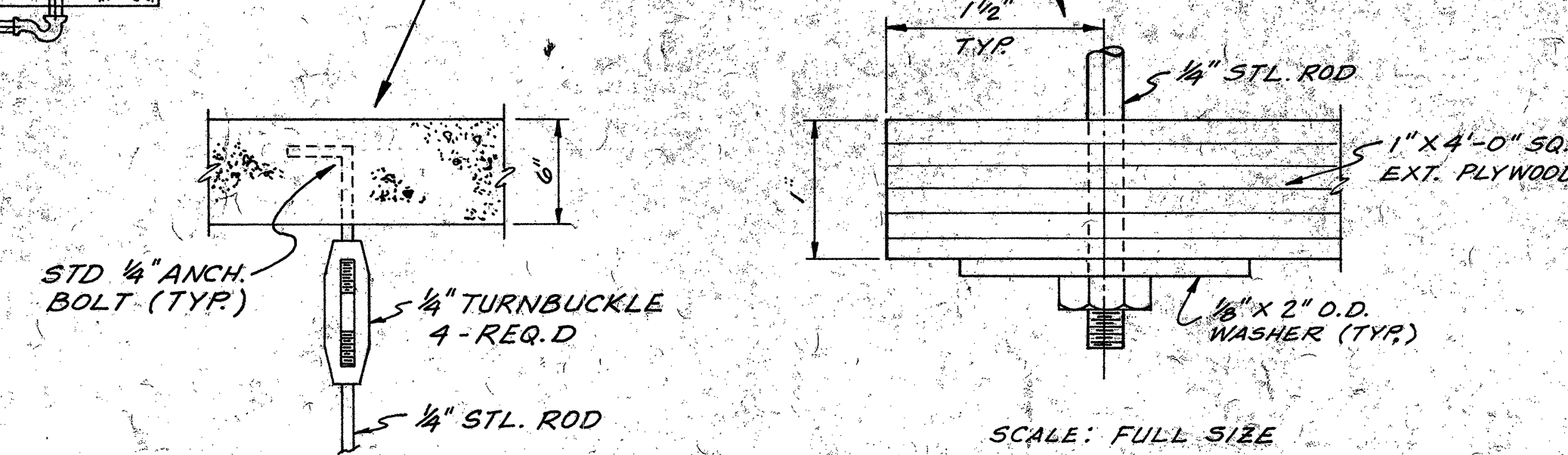
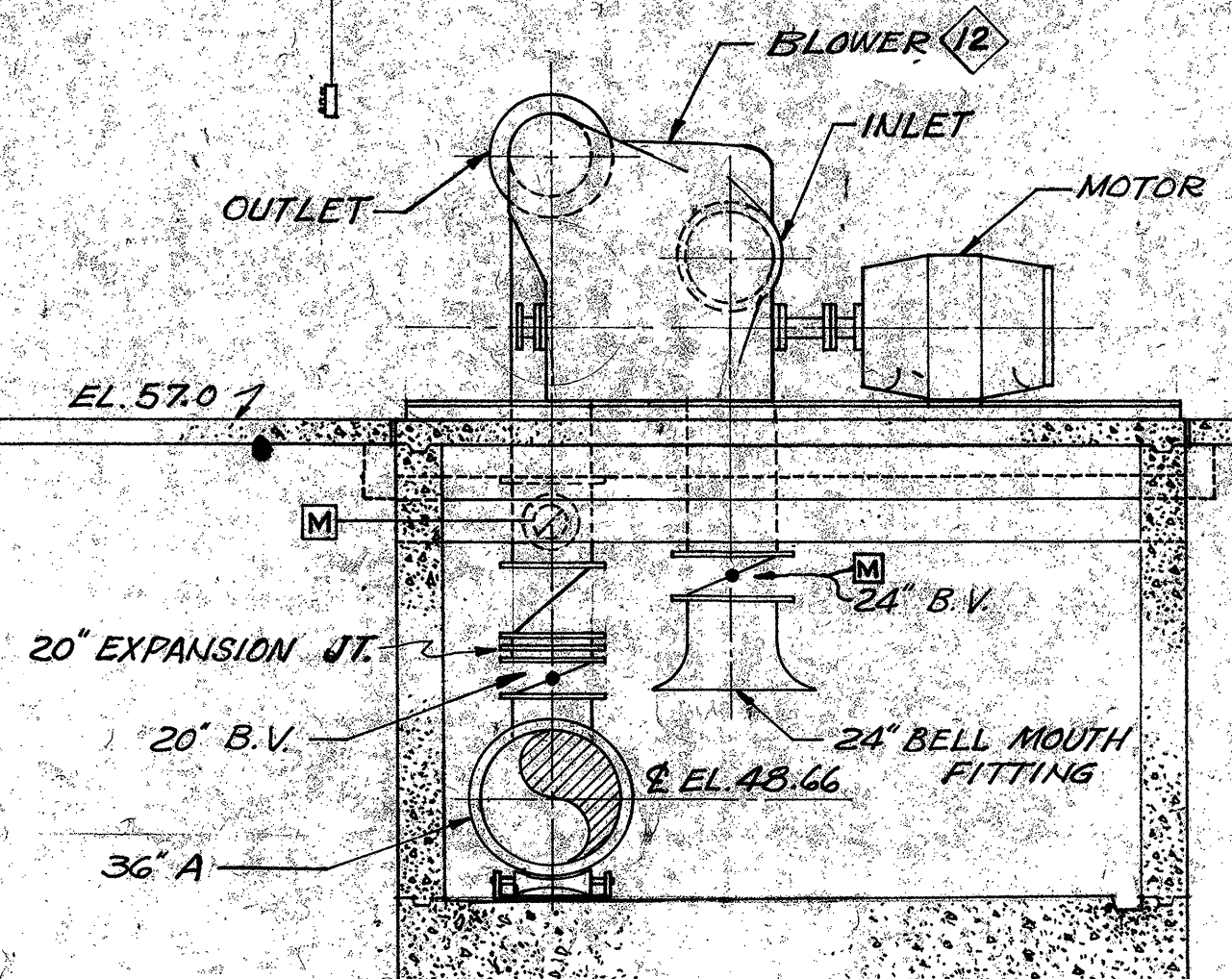
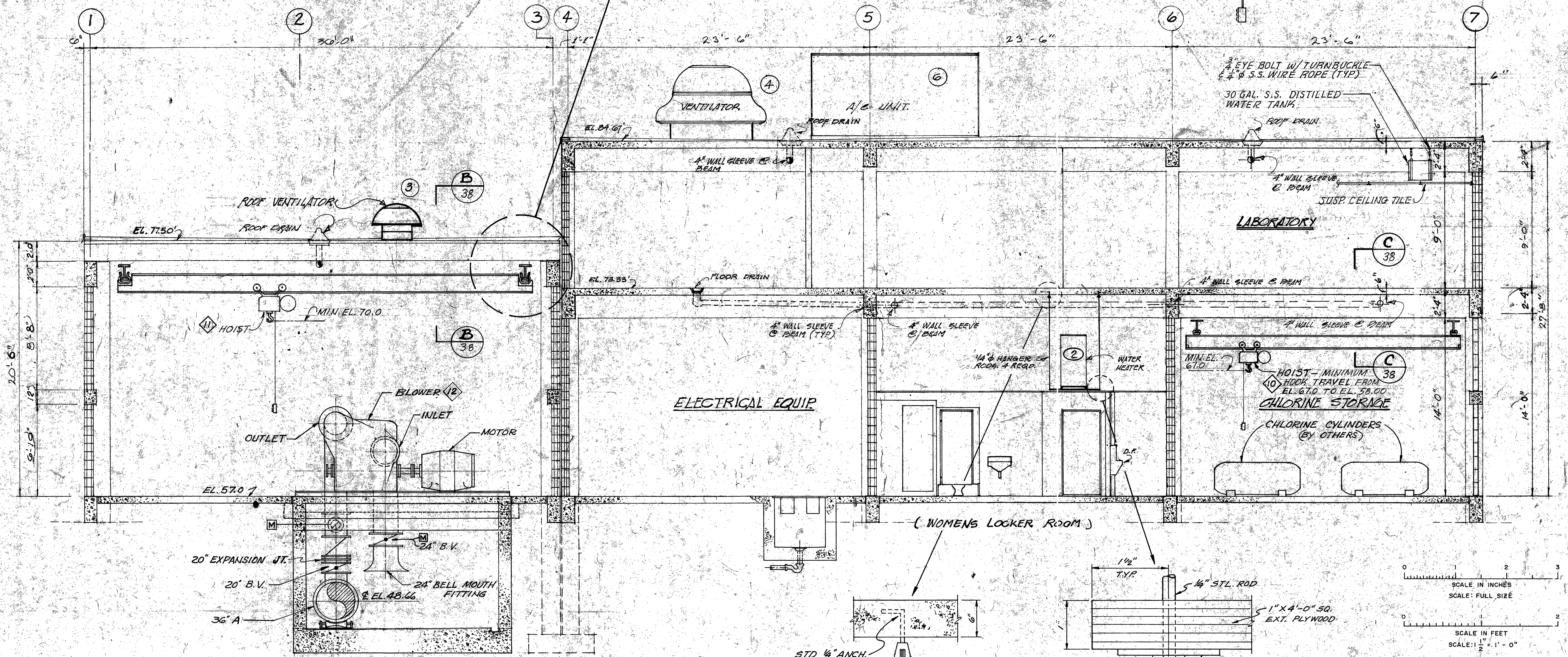
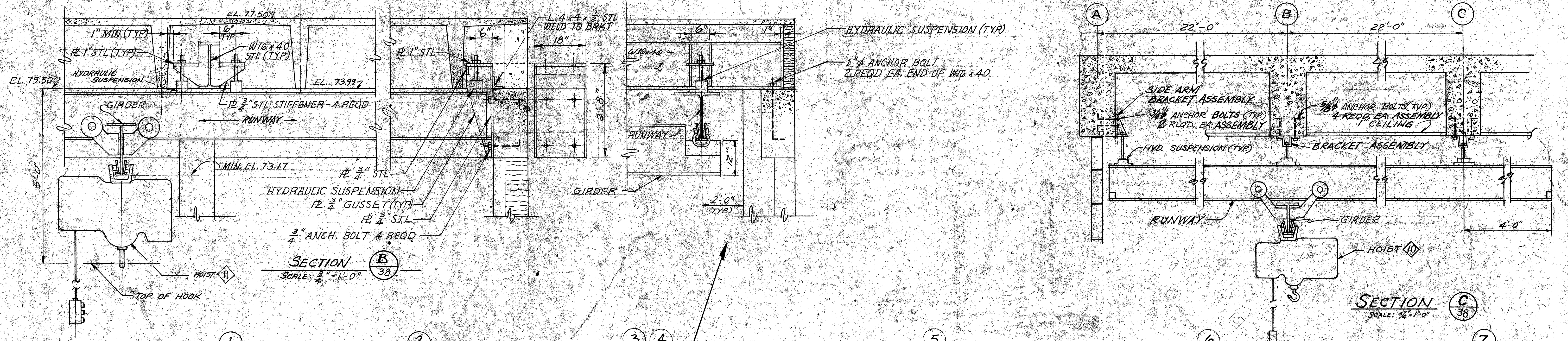
SECTION C
SCALE: 1/4" = 1'-0"



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



DESIGNED: <i>ST</i> DRAWN: <i>MB</i> CHECKED: <i>ST</i>				SUBMITTED: BRILEY, WILD & ASSOCIATES PROJECT ENGINEER: <i>Steven E. Young</i> 3/24/76		STATE OF FLORIDA REGISTERED ENGINEER		NORTHEAST WASTEWATER TREATMENT FACILITY CONTROL BUILDING-ROOF PLAN, SECTIONS & DETAILS CLEARWATER, FLORIDA		DATE: DEC. 1975 SCALE: AS SHOWN SHEET NO. 37 OF 142		PROJ. NO. 7236-2A FILE NO. M-8408	
REV. NO.	DATE	REVISION	BY	CHECKED	APPROVED:	Briley, Wild & Associates CONSULTING ENGINEERS ORMOND BEACH, FLA. CLEARWATER, FLA.		PROJECT NO. 7236-2A FILE NO. M-8408					

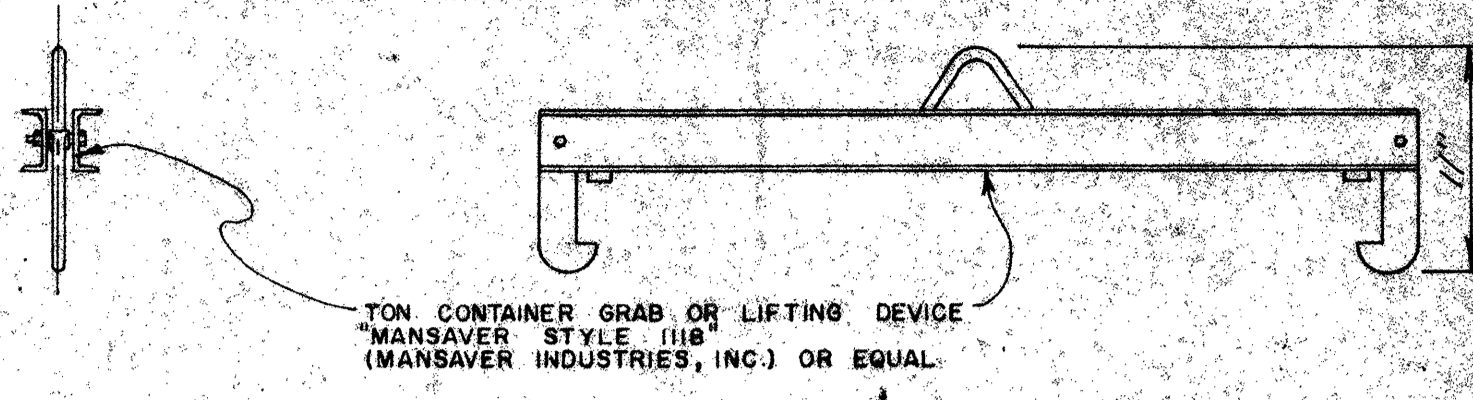


SECTION A
SCALE: 3/4" = 1'-0"

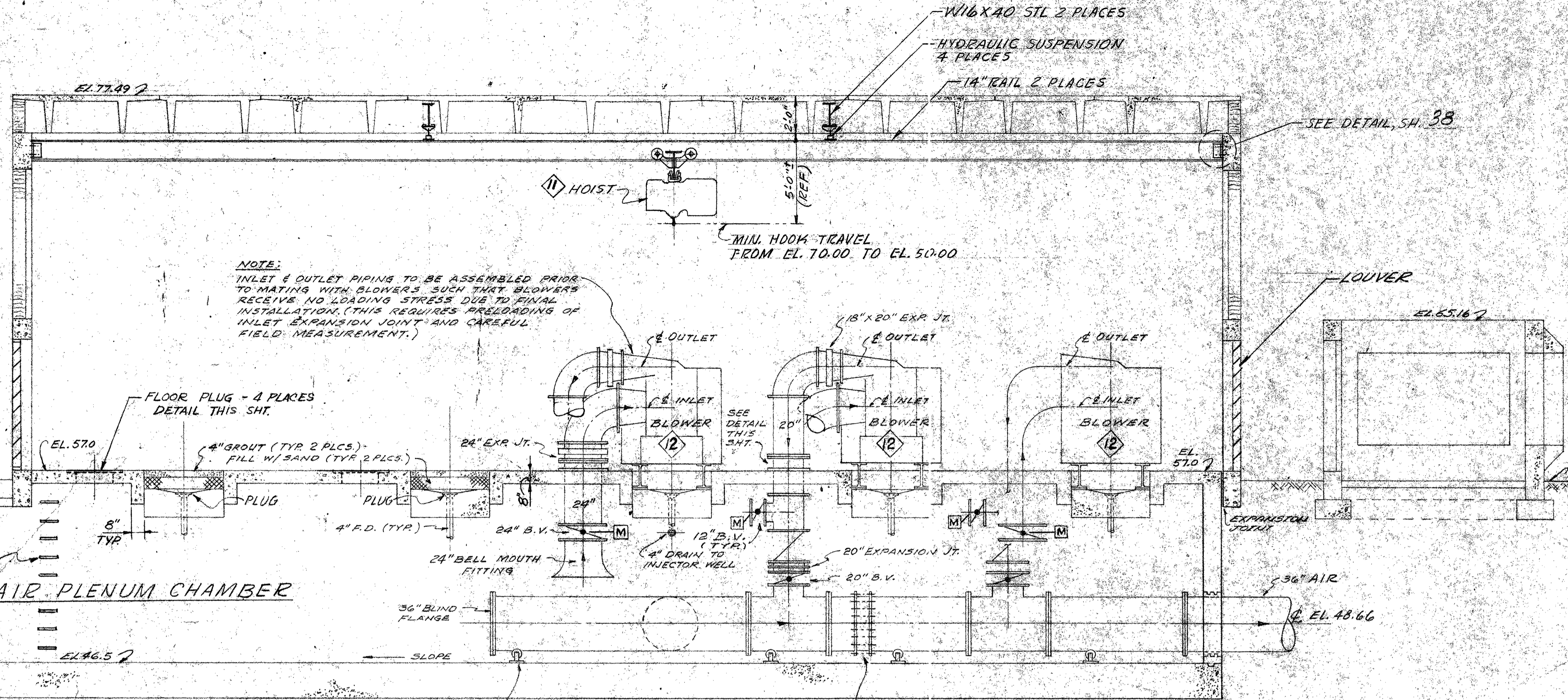
SUPPORT FOR WATERHEATER - DETAILS
SCALE: 1 1/2" = 1'-0"

3-25-74 REVISED HOIST SUPPORT SYSTEM 3/5/74 ADDED TITLE FOR DET. & GH		DESIGNED: [Signature] DRAWN: [Signature] CHECKED: [Signature]	SUBMITTED: BRILEY, WILD & ASSOCIATES PRINCIPAL: [Signature] PROJECT ENGINEER: [Signature]	PROJECT NO. 7236-2A DATE: DEC. 1975 SCALE: AS SHOWN SHEET NO. 38 OF 142	PROJECT NO. 7236-2A FILE NO. M-8409
BRILEY, WILD & ASSOCIATES CONSULTING ENGINEERS ORMOND BEACH, FLA. CLEARWATER, FLA.		NORTHEAST WASTEWATER TREATMENT FACILITY CONTROL BUILDING - SECTIONS & DETAILS CLEARWATER, FLORIDA		DATE: DEC. 1975 SCALE: AS SHOWN SHEET NO. 38 OF 142 PROJECT NO. 7236-2A FILE NO. M-8409	

**"MANSAVER" GRAB BAR
FOR CHLORINATION STOR. ROOM**

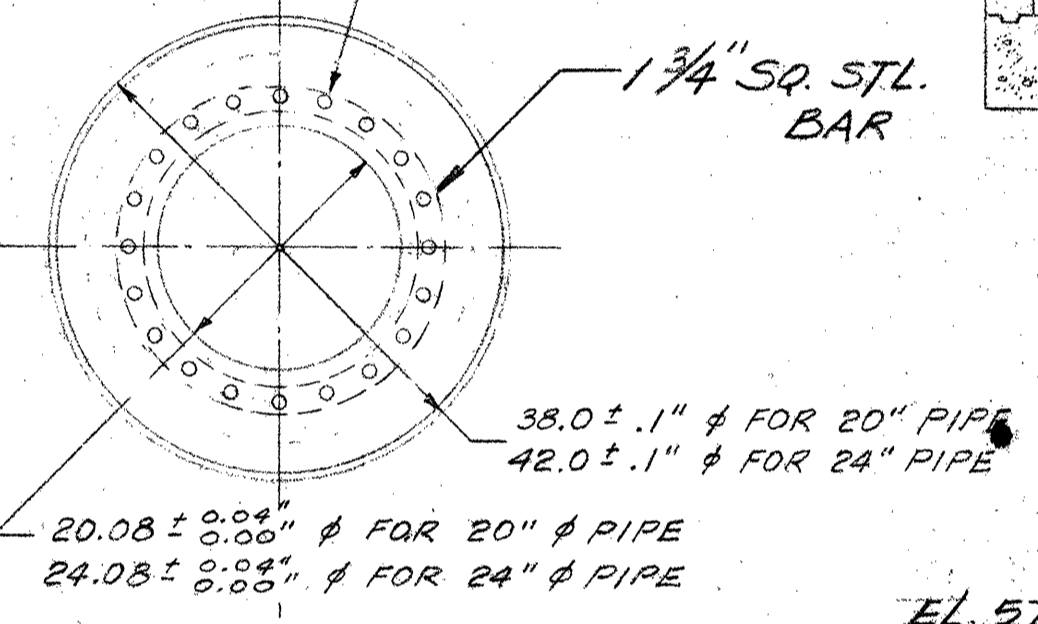


TON CONTAINER GRAB OR LIFTING DEVICE
"MANSAVER" STYLE 1118
(MANSAVER INDUSTRIES, INC.) OR EQUAL

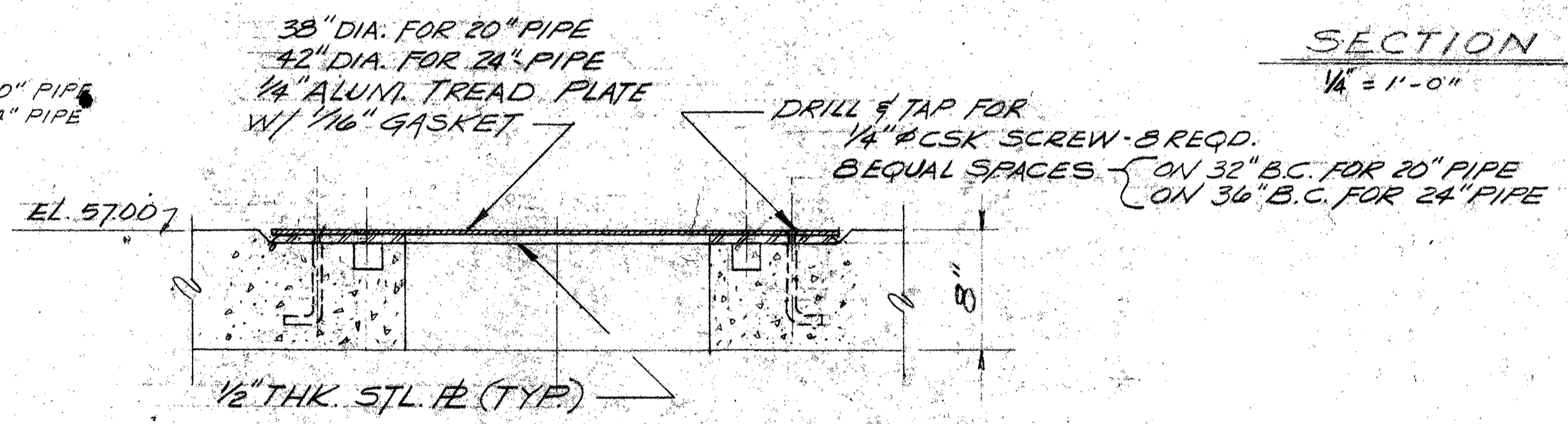
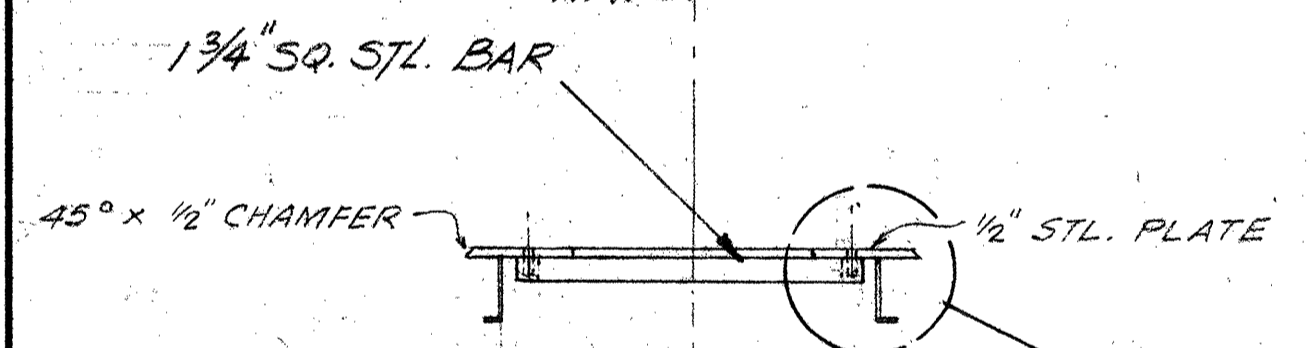


NOTE:
INLET & OUTLET PIPING TO BE ASSEMBLED PRIOR TO MATING WITH BLOWERS SUCH THAT BLOWERS RECEIVE NO LOADING STRESS DUE TO FINAL INSTALLATION. (THIS REQUIRES PRELOADING OF INLET EXPANSION JOINT AND CAREFUL FIELD MEASUREMENT.)

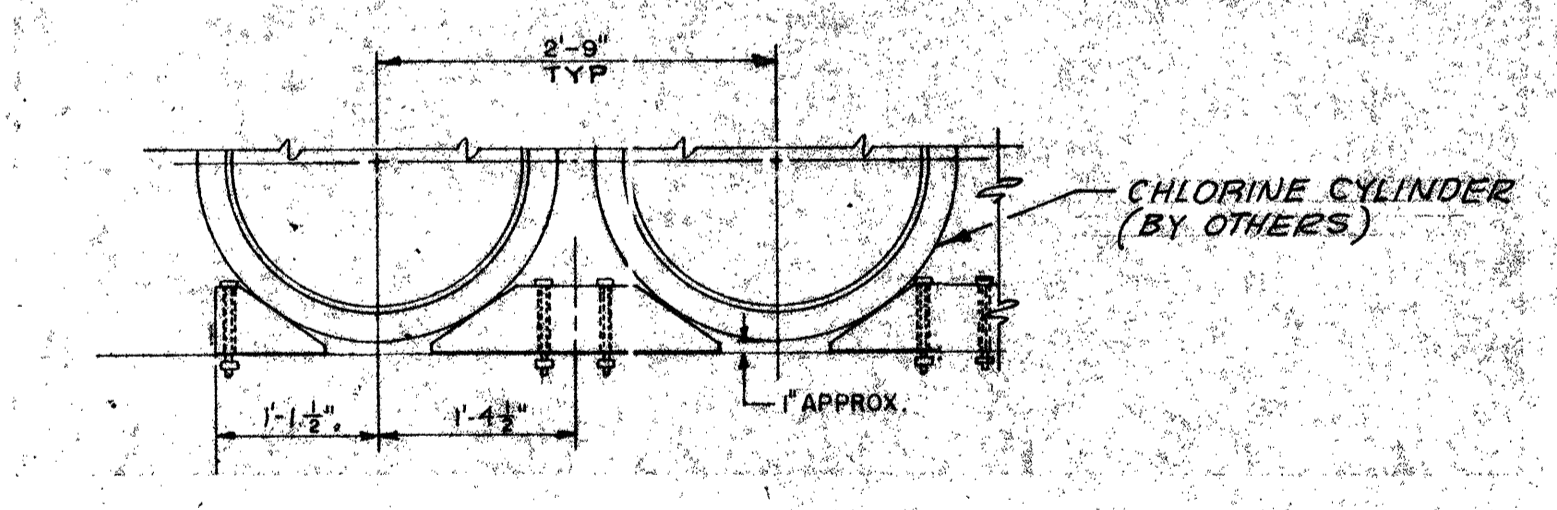
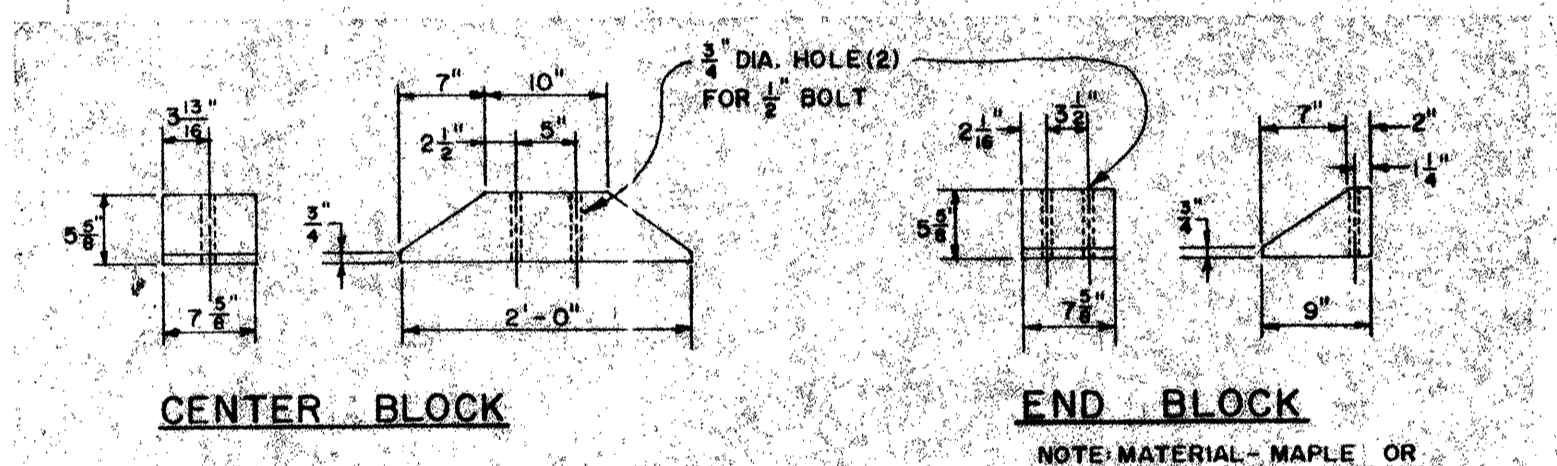
1 1/2" TAP - 20 REQ'D.
MATE W/ 20" ϕ WELDING FLANGE
1 1/4" TAP - 20 REQ'D.
MATE W/ 24" ϕ WELDING FLANGE



FACE PLATE DETAIL
N. T. S.

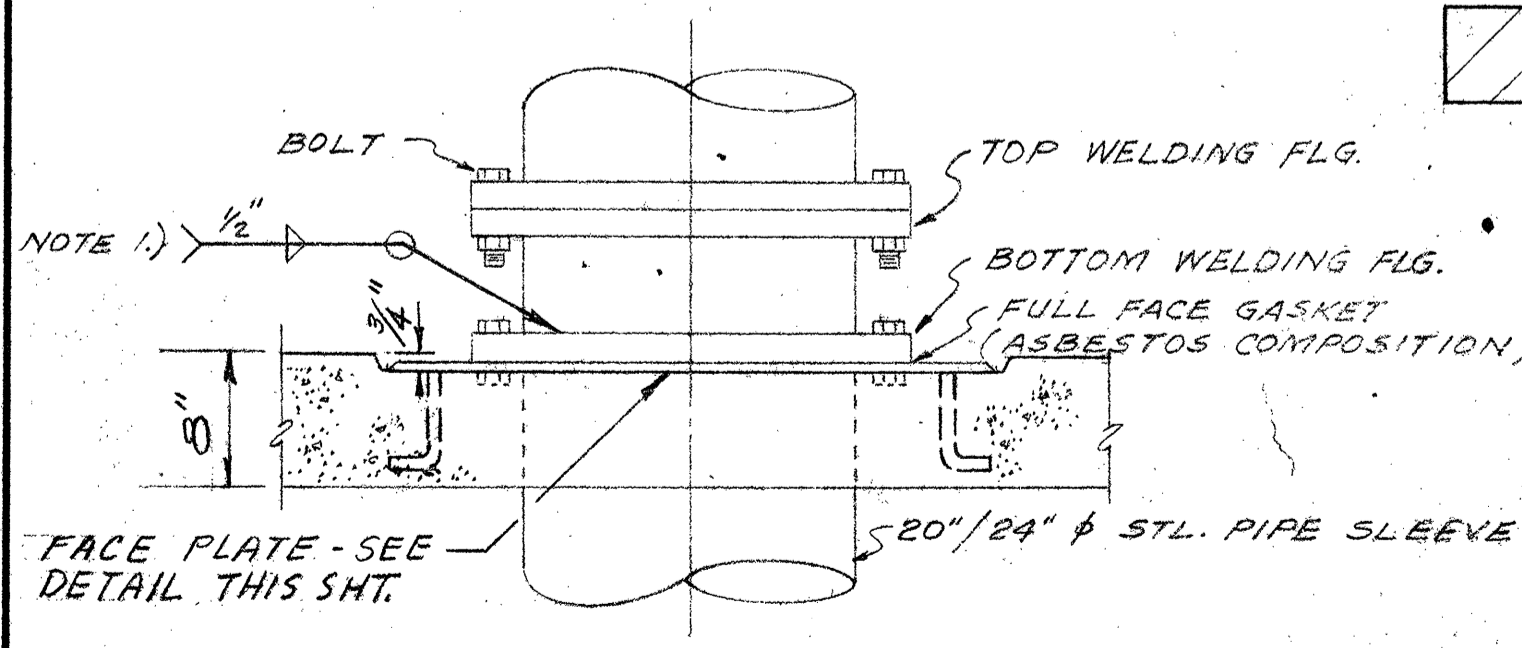


FLOOR PLUG - DETAIL
SCALE: 1/2" = 1'-0"

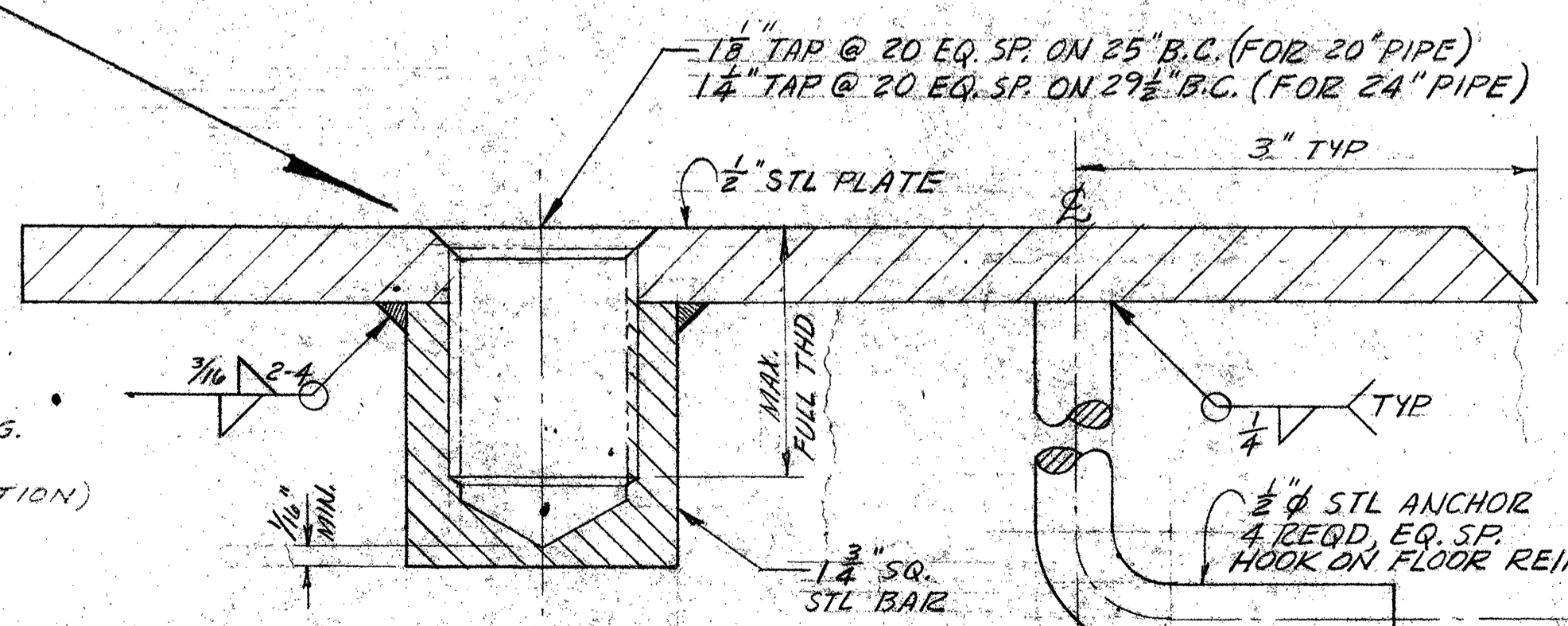


**DETAIL - TON CHLORINE
CONTAINER CRADLES**
SCALE: 3/4" = 1'-0"

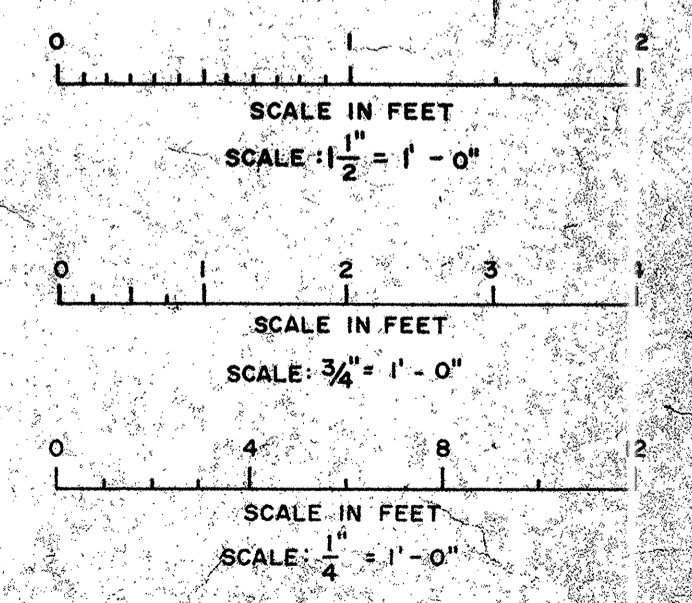
NOTE:
1.) FULL FACE OF NUTS MUST SEAT ON FLANGE UPON FINAL ASSEMBLY.
2.) MATING FACE OF PLATE TO BE FLAT WITHIN .020 TIR AFTER WELDING.



FLOOR PENETRATION - DETAIL
N. T. S.

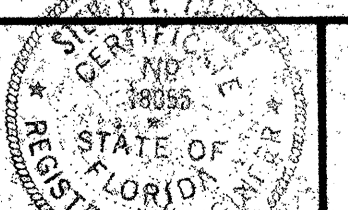


DETAIL
SCALE: FULL SIZE



DESIGNED	2A
DRAWN	9/15
CHECKED	
BY	

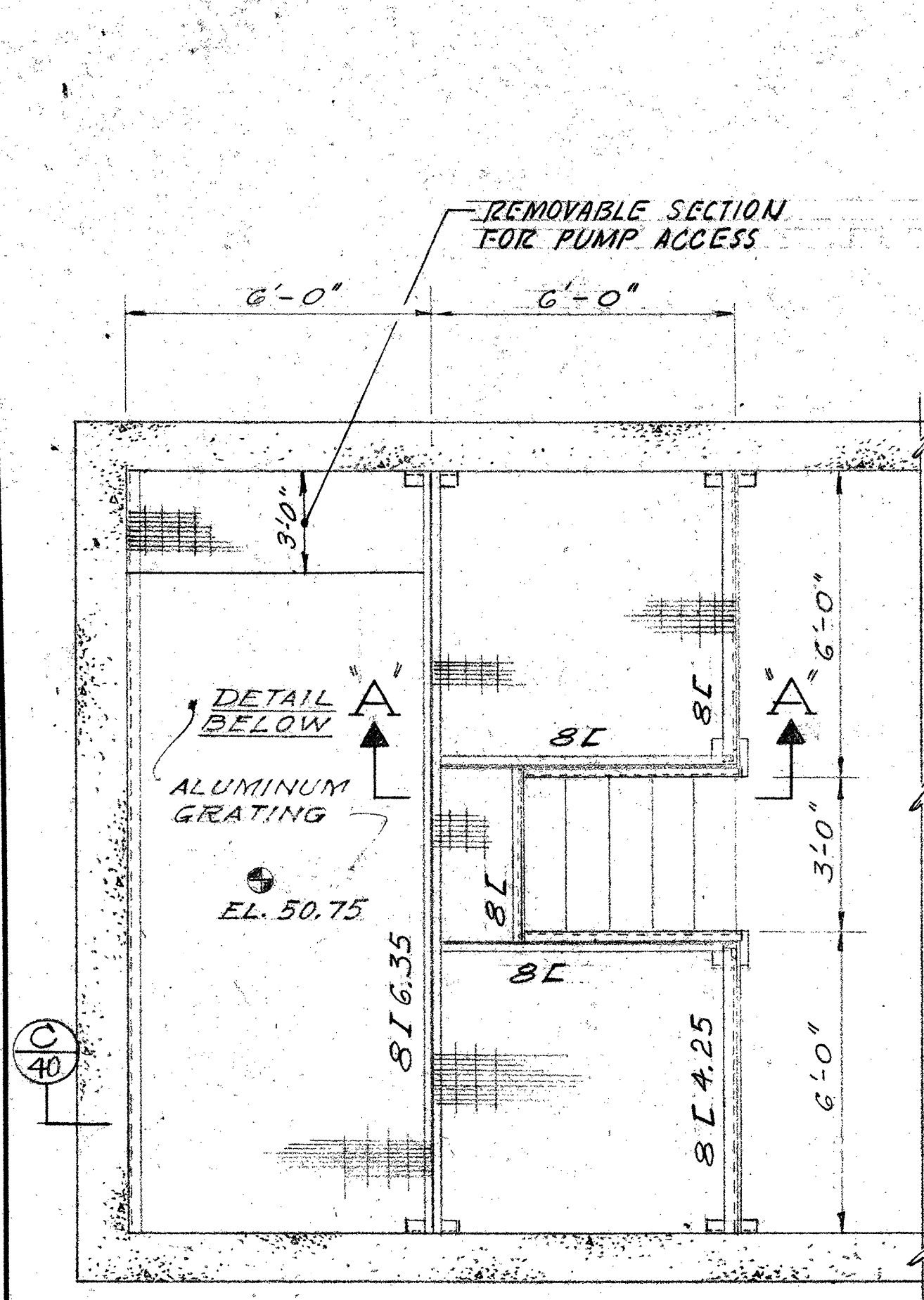
SUBMITTED: BRILEY, WILD & ASSOCIATES
PRINCIPAL: Steven E. Thomas
PROJECT ENGINEER: 3/24/76



Briley, Wild & Associates
CONSULTING ENGINEERS
ORMOND BEACH, FLA. CLEARWATER, FLA.

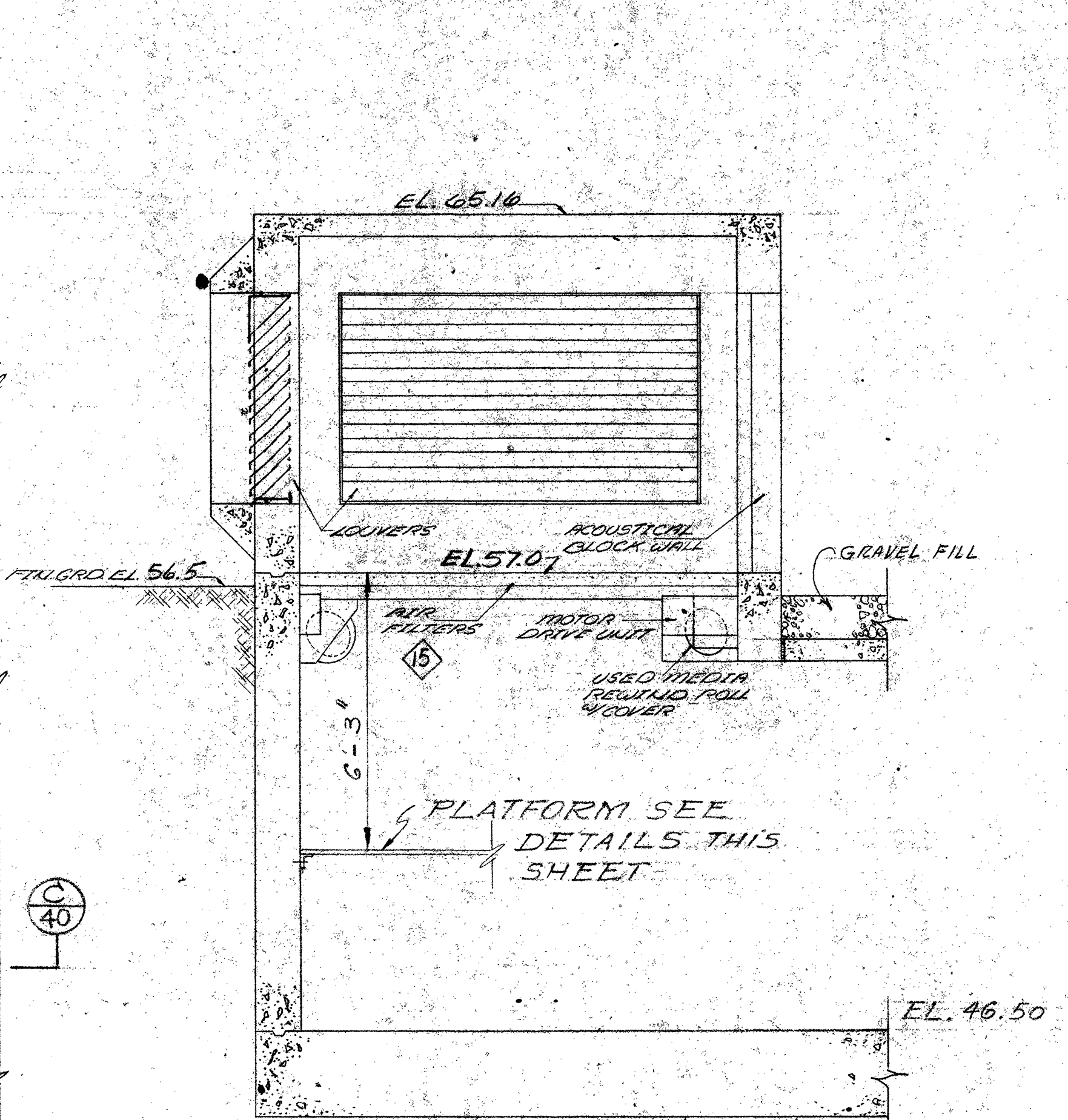
NORTHEAST WASTEWATER TREATMENT FACILITY
CONTROL BUILDING - SECTIONS & DETAILS
CLEARWATER, FLORIDA

DATE	DEC. 1975	PROJ. NO.	7236-2A
SCALE	AS SHOWN	FILE NO.	
SHEET NO.	39 OF 142		M-8410



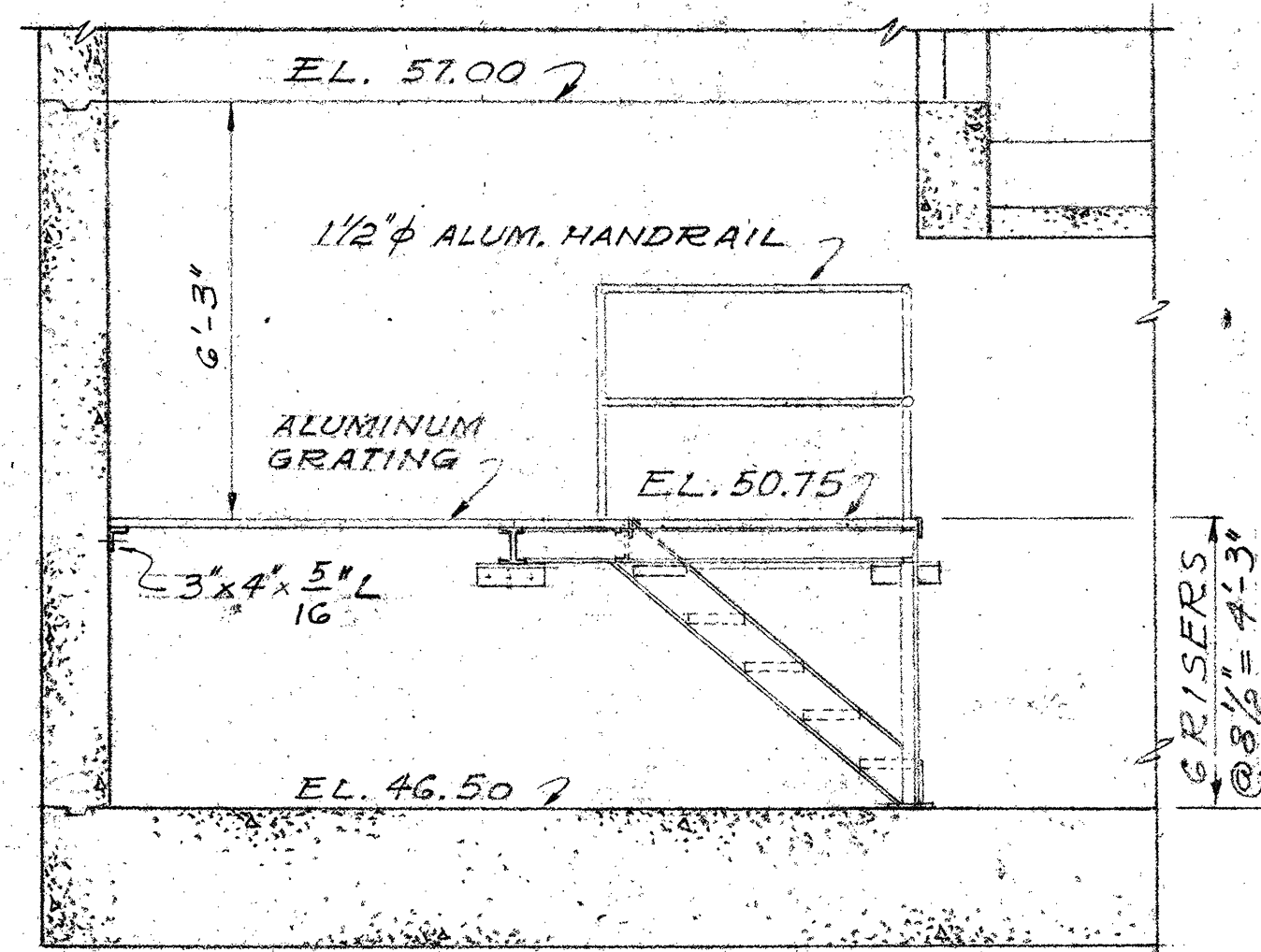
PLATFORM-PLAN

SCALE: 3/8"=1'-0"
(NOTE: ALL FRAMING ALUMINUM)



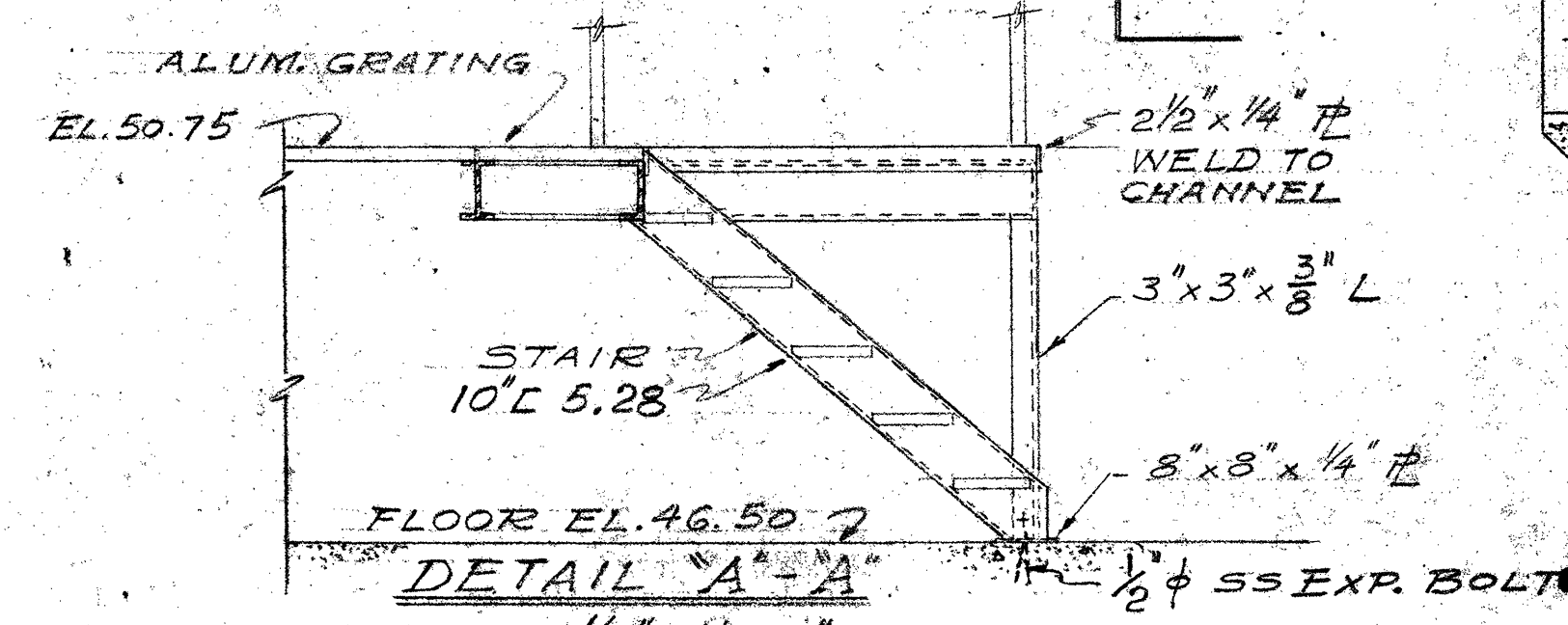
SECTION A-A

SCALE: 3/8"=1'-0"



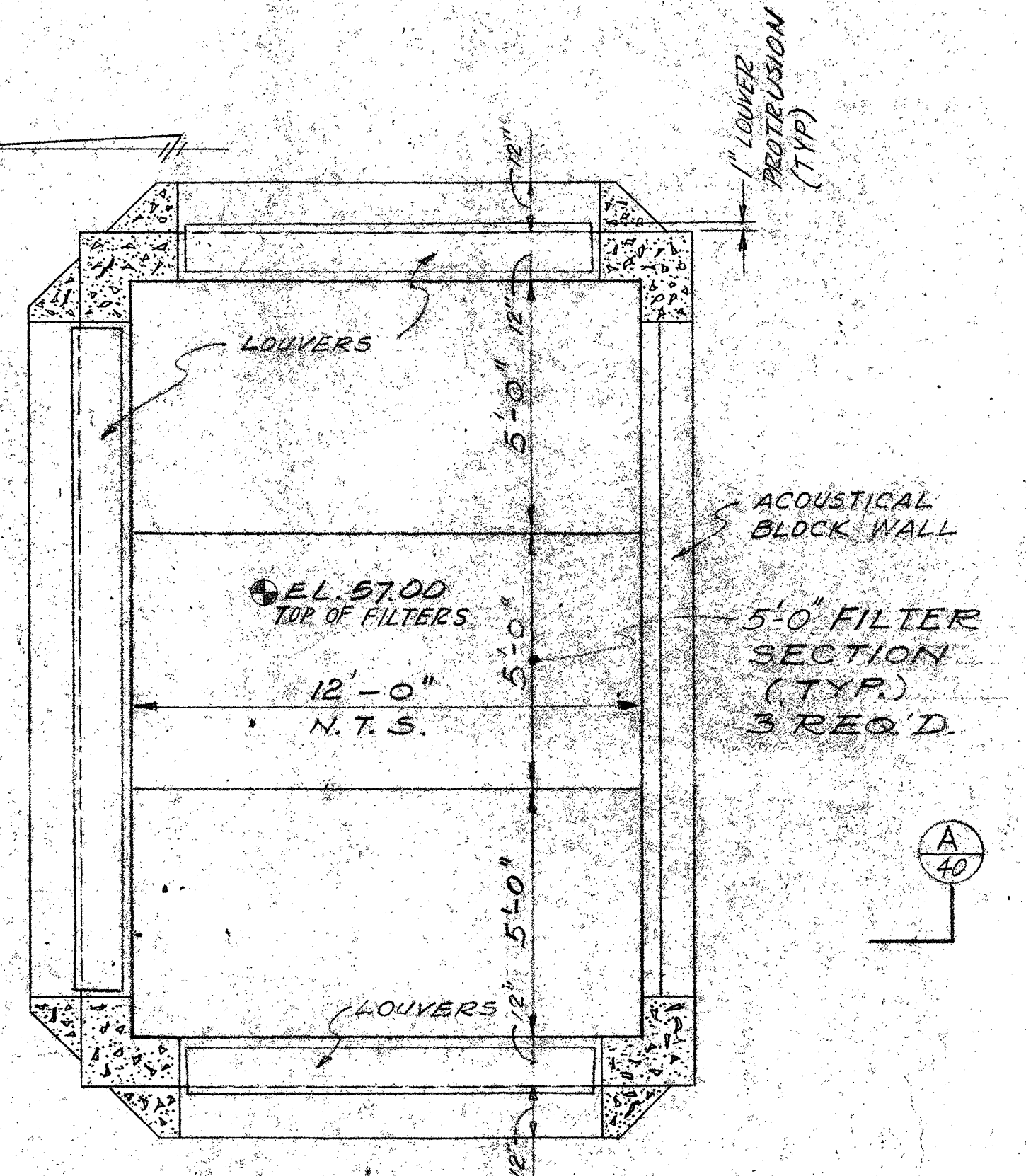
SECTION C-C

SCALE: 3/8"=1'-0"



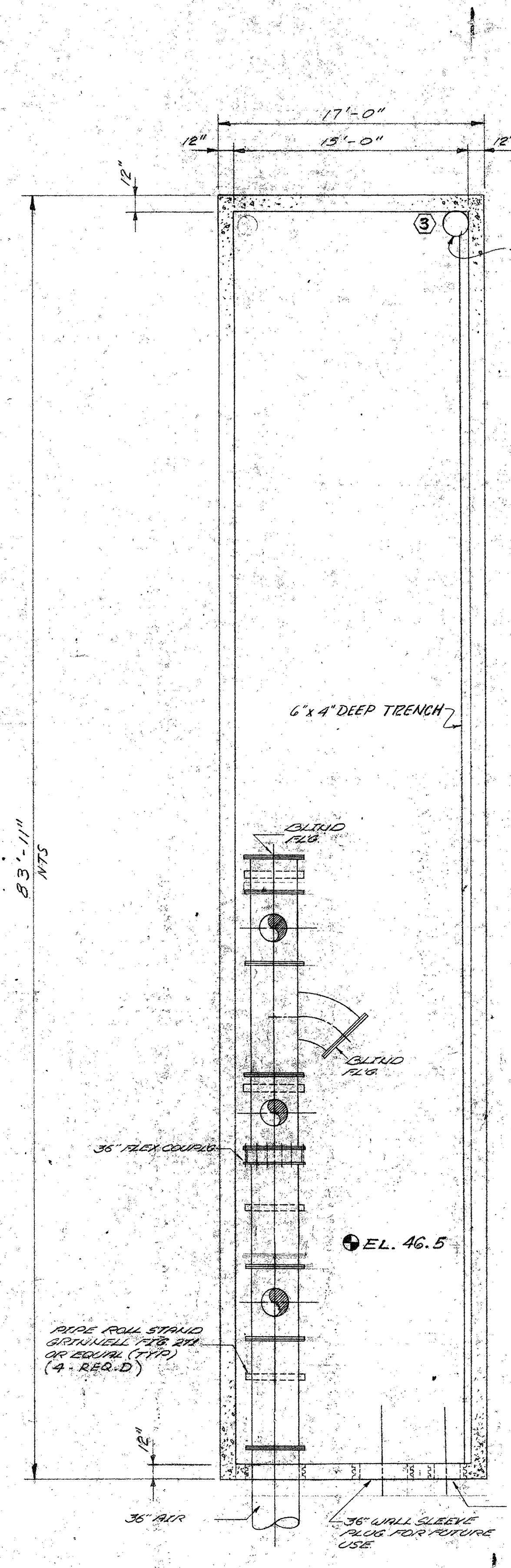
DETAIL A-A

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



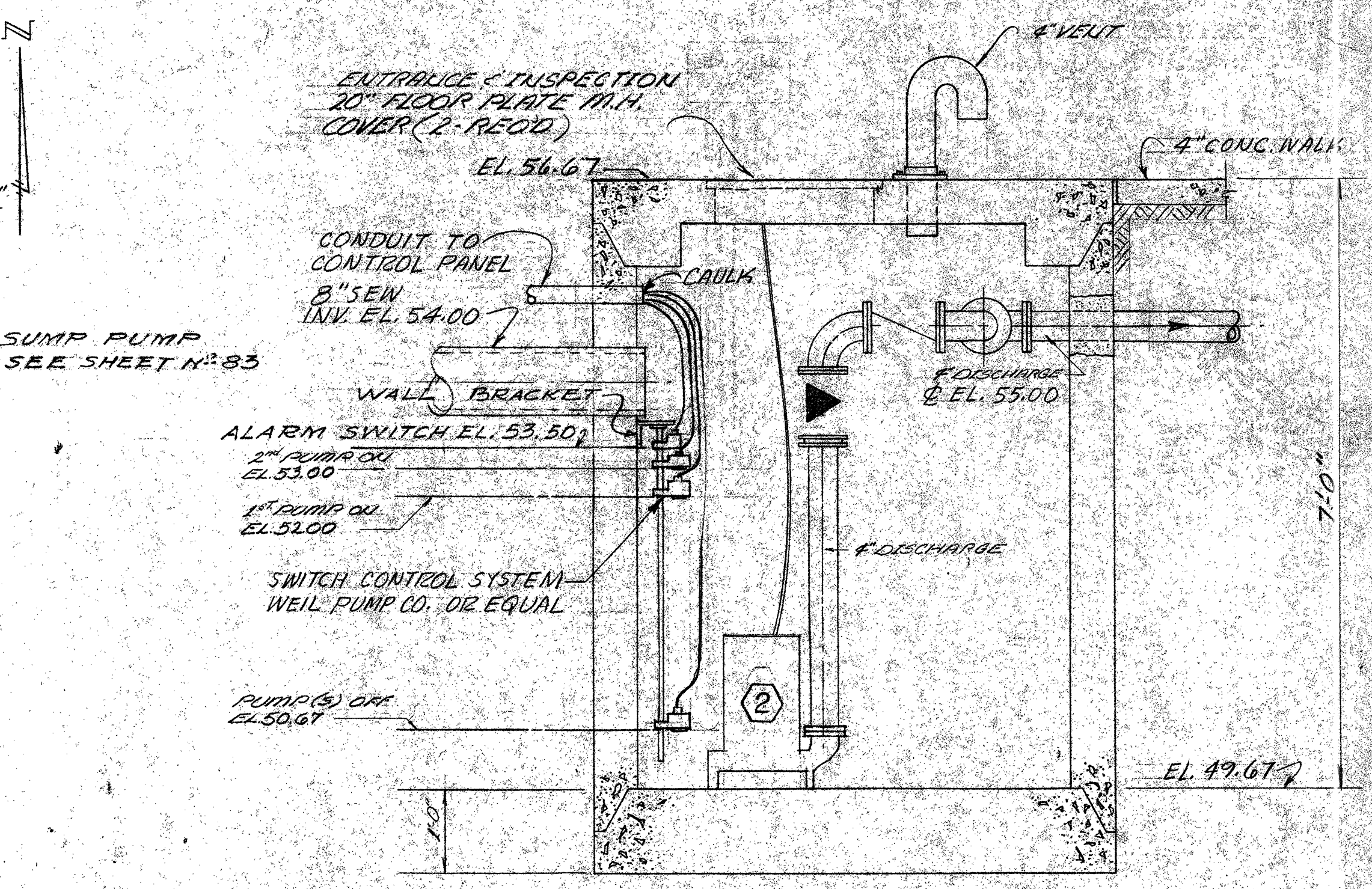
FILTER STRUCTURE PLAN

N.T.S.



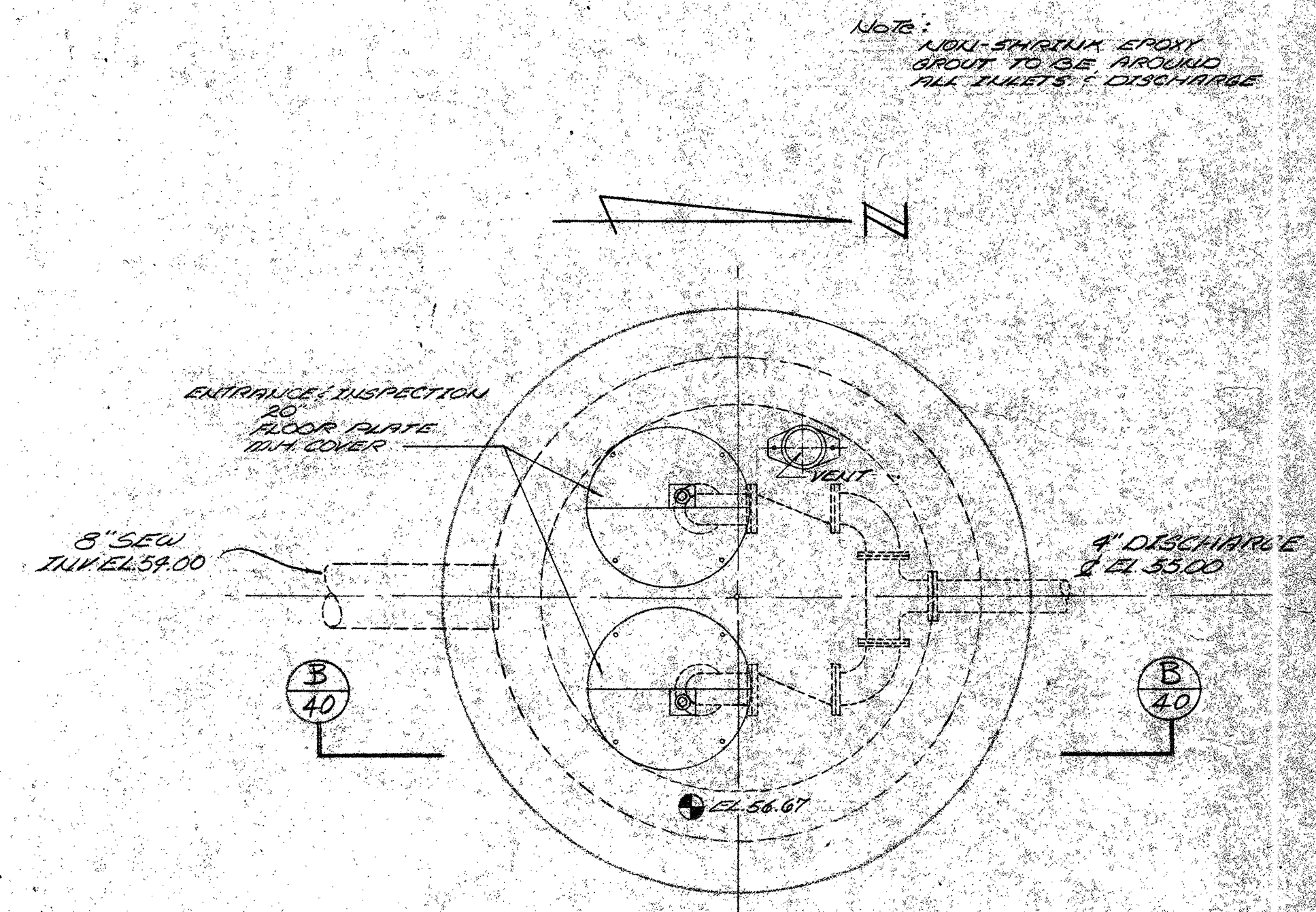
AIR PLENUM CHAMBER PLAN

SCALE: 3/8"=1'-0"



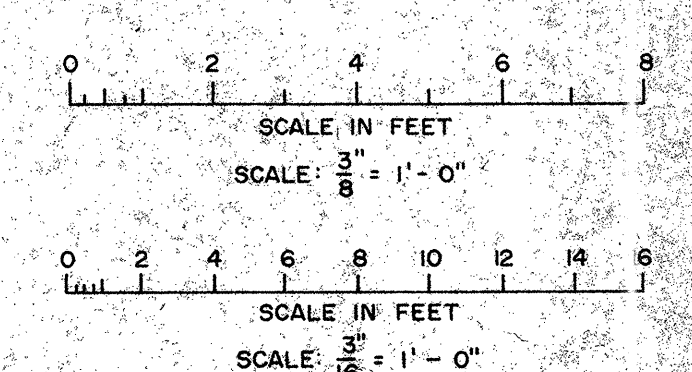
SUMP SECTION

N.T.S.



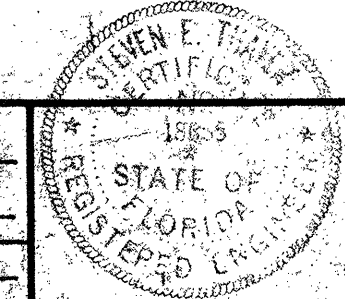
SUMP PLAN

N.T.S.



DESIGNED	BY	DATE
DRAWN	BY	DATE
CHECKED	BY	DATE

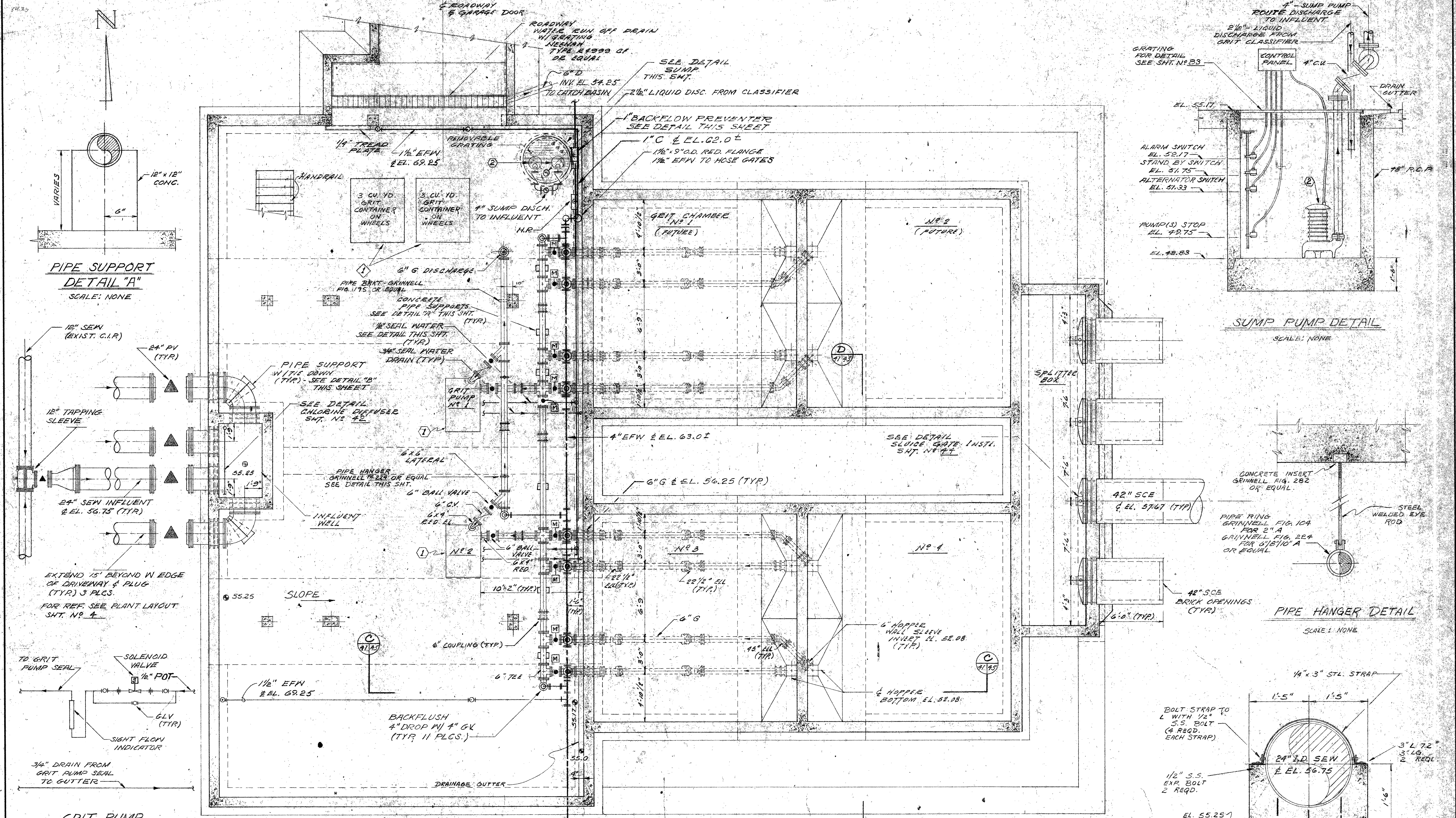
APPROVED:	DATE
	3/24/76



B Riley, Wild & Associates
CONSULTING ENGINEERS
ORMOND BEACH, FLA. CLEARWATER, FLA.

NORTHEAST WASTEWATER TREATMENT FACILITY
CONTROL BUILDING-SECTIONS & DETAILS
CLEARWATER, FLORIDA

DATE	PROJ. NO.
DEC. 1975	7236-2A
SCALE	FILE NO.
AS SHOWN	M-8411
SHEET NO. 40 OF 142	



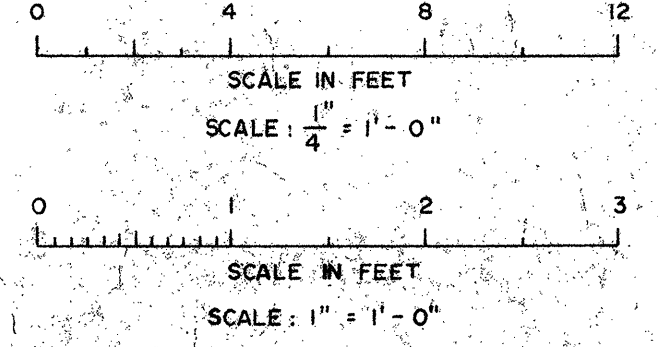
**PIPE SUPPORT
DETAIL "A"**
SCALE: NONE

SUMP PUMP DETAIL
SCALE: NONE

PIPE HANGER DETAIL
SCALE: NONE

PIPE SUPPORT DETAIL "B"
SCALE: 1" = 1'-0"

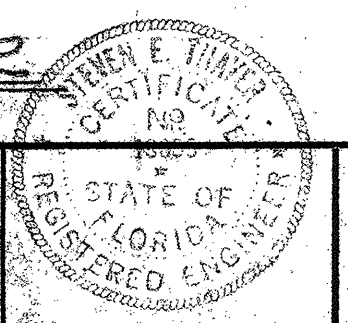
PLAN
SCALE: 1/4" = 1'-0"



**GRIT PUMP
SEAL WATER SCHEMATIC**
SCALE: NONE

POTABLE WATER BACKFLOW PREVENTER
NO SCALE

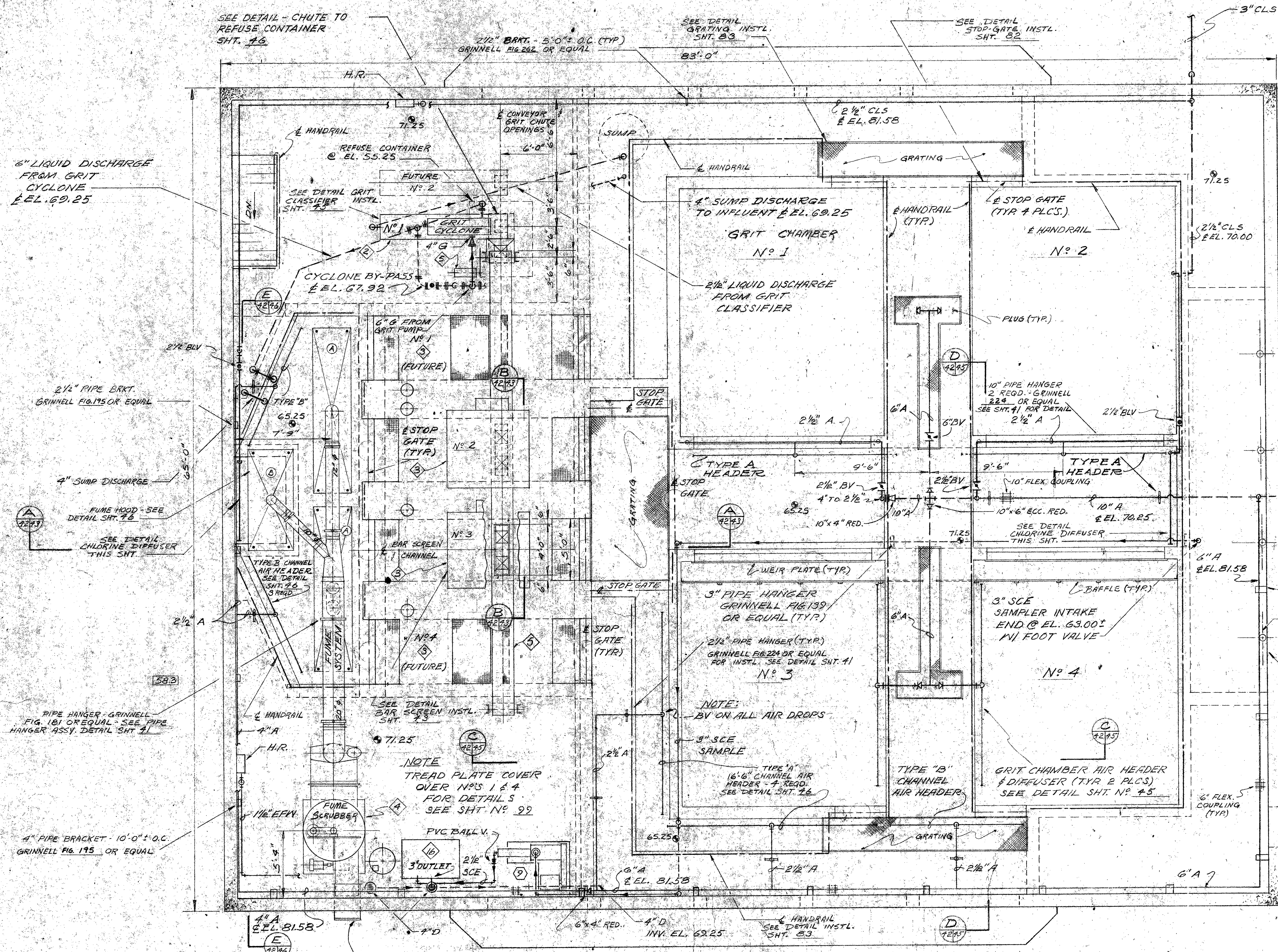
DESIGNED	BY	SUBMITTED	DATE
DRAWN	BY	APPROVED	
CHECKED	BY		



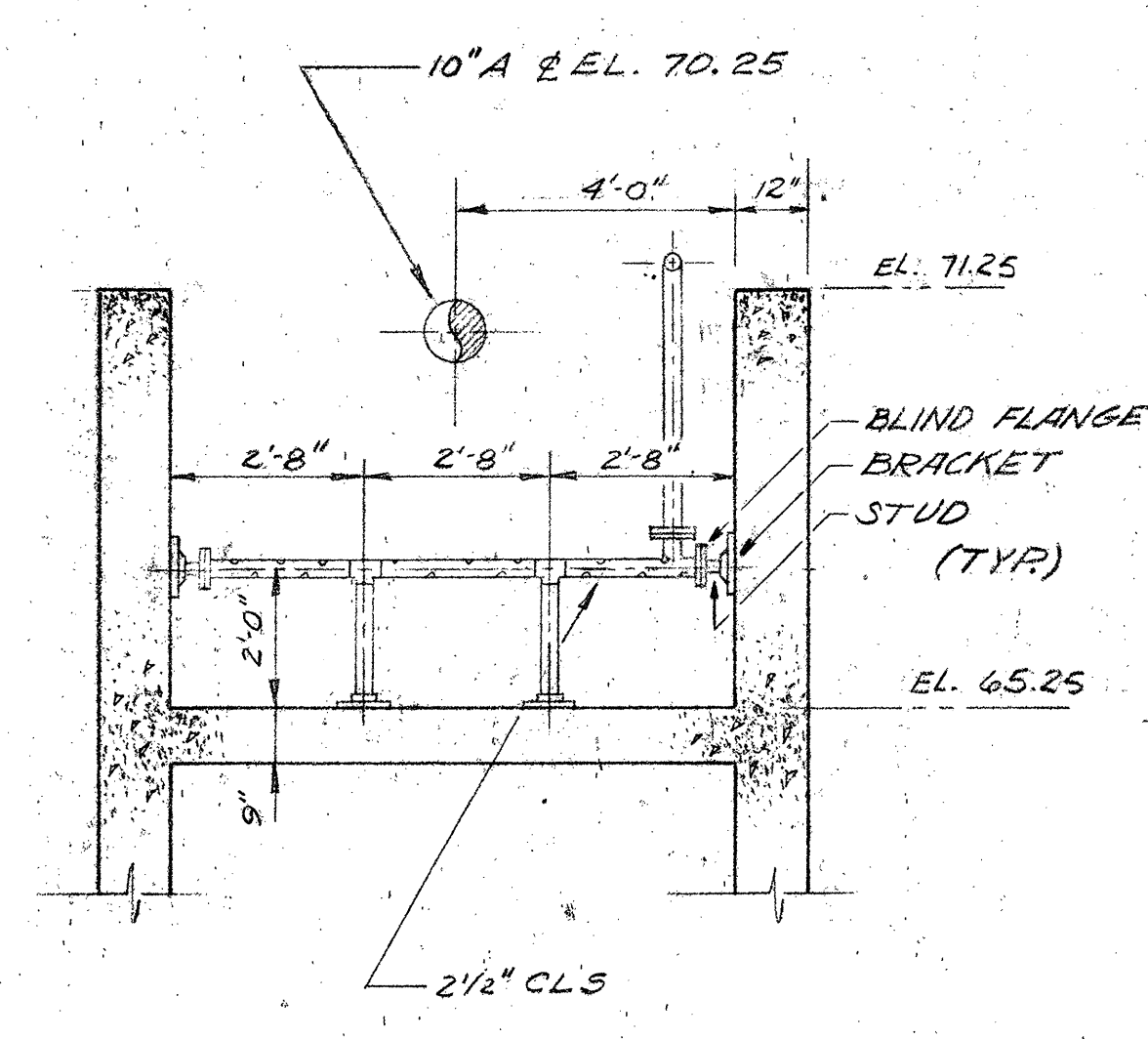
Briley, Wild & Associates
CONSULTING ENGINEERS
DAYTONA BEACH, FLA. CLEARWATER, FLA.

NORTHEAST WASTEWATER TREATMENT FACILITY
INFLUENT STRUCTURE - PLAN
CLEARWATER, FLORIDA

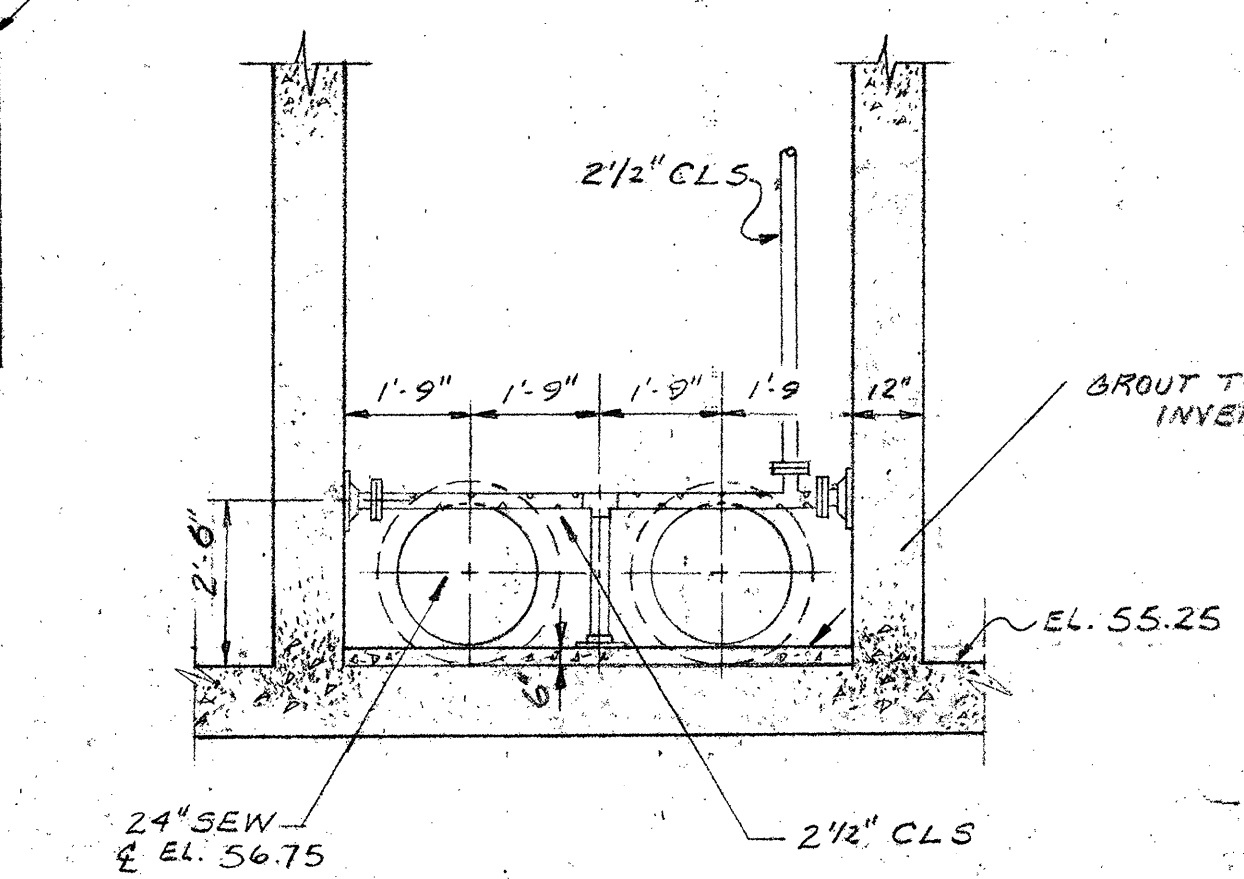
DATE	DEC. 1975	PROJ. NO.	7236-A
SCALE	AS SHOWN	FILE NO.	
SHEET NO.	41 OF 142		M-8412



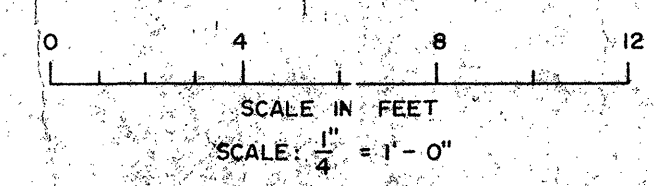
PLAN - AT ELEV. 82.25
SCALE: 1/4" = 1'-0"



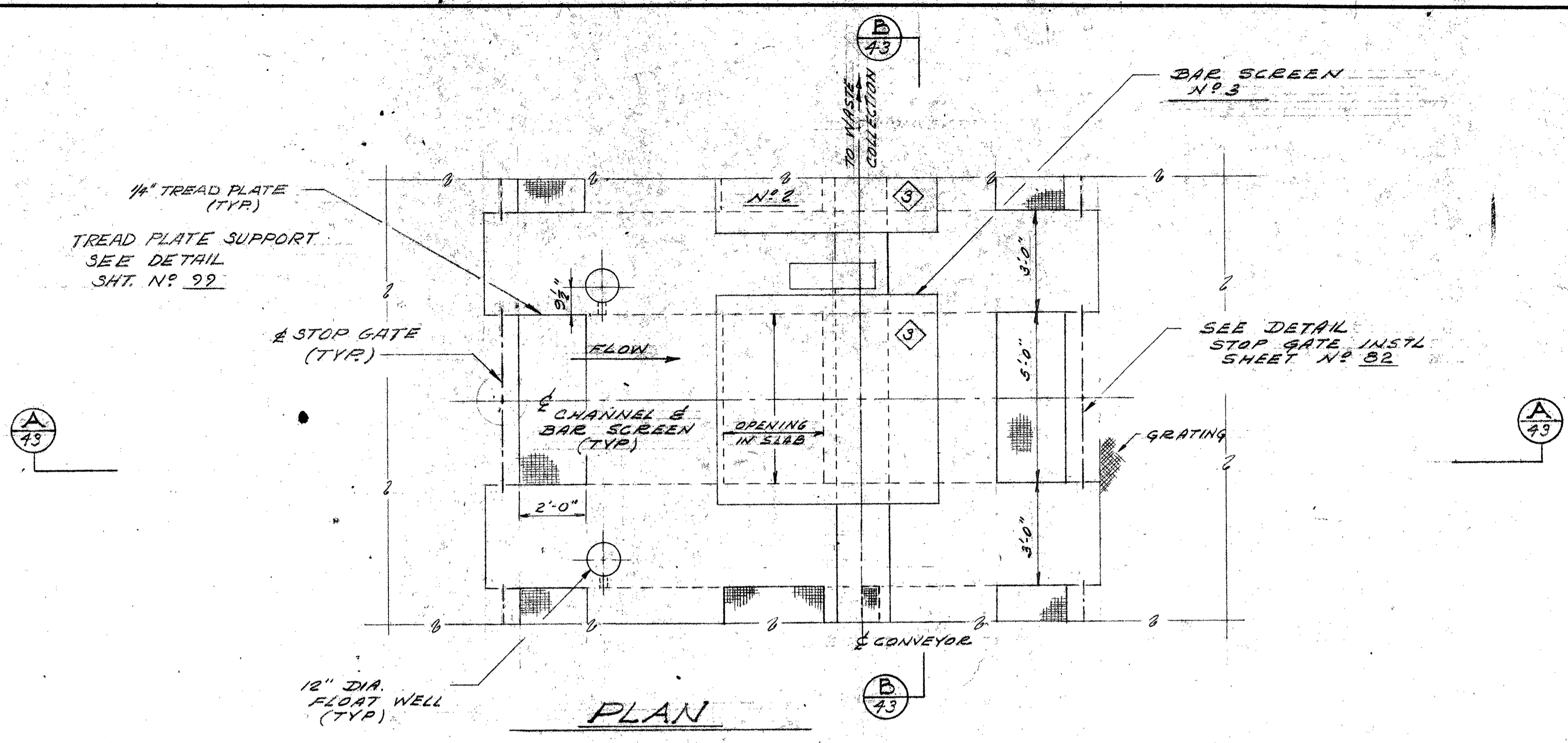
CHLORINE DIFFUSER DETAIL - CHANNEL
SCALE: NONE



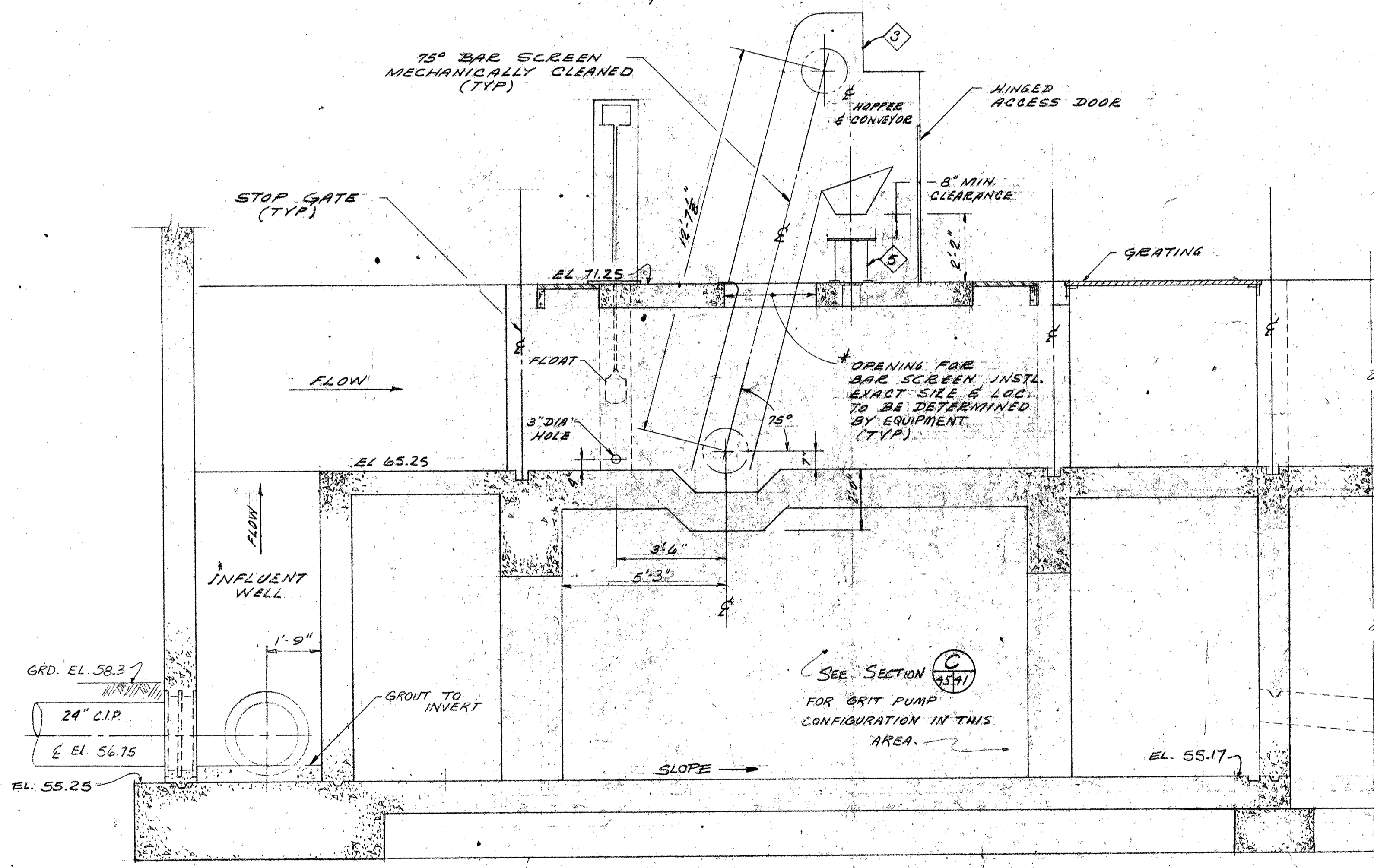
CHLORINE DIFFUSER DETAIL - INFLUENT WELL
SCALE: NONE



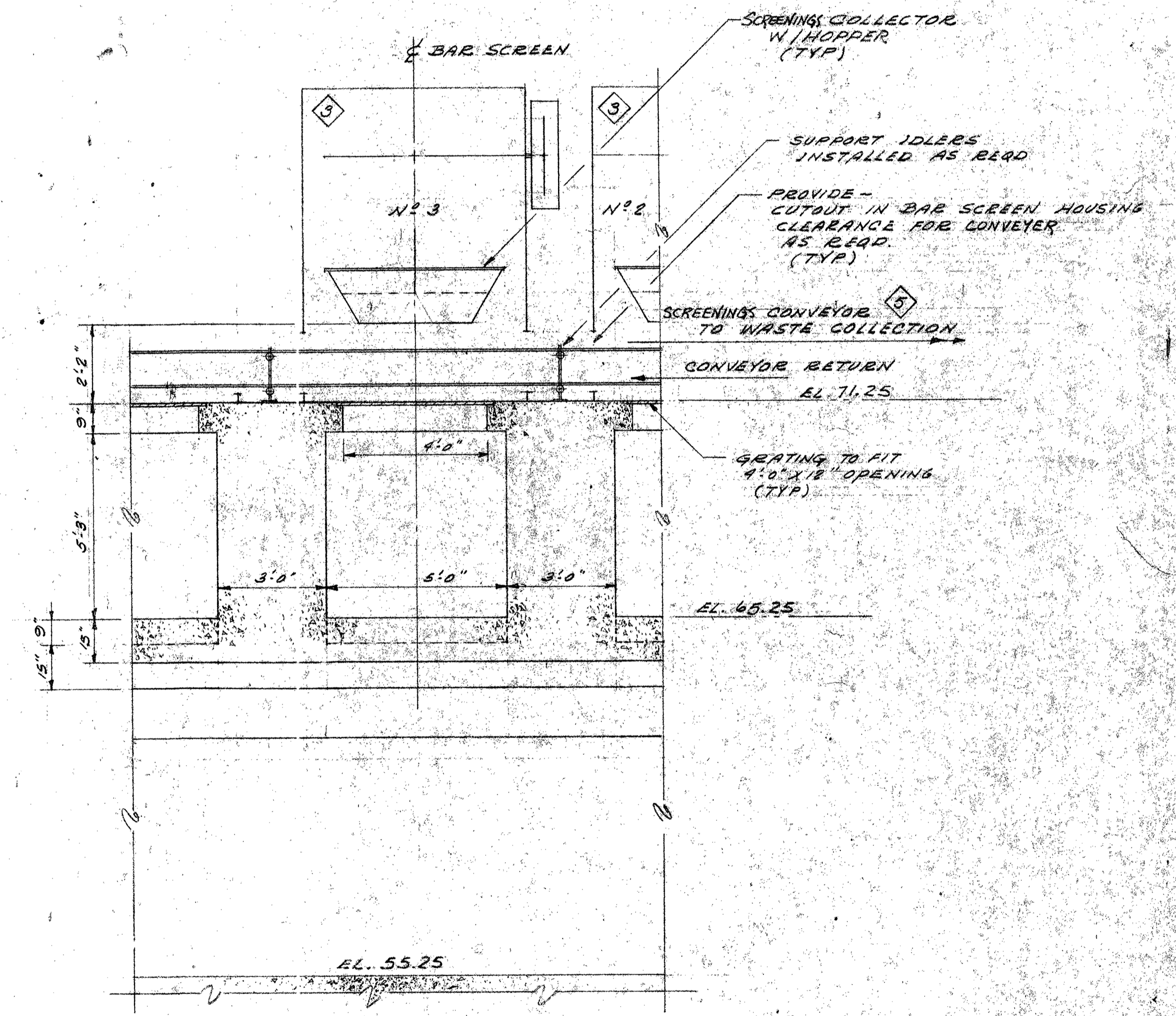
DESIGNED: <i>[Signature]</i> DRAWN: <i>[Signature]</i> CHECKED: <i>[Signature]</i>				SUBMITTED: <i>[Signature]</i> APPROVED: <i>[Signature]</i>				PROJECT NO. 7236-2A SHEET NO. 42 OF 142			
DATE: DEC. 1975				SCALE: AS SHOWN				FILE NO. M-8413			
REVISION: 3-15-76 ADDED CYCLONE BY-PASS & BAFFLE DETAIL				BRILEY, WILD & ASSOCIATES DAYTONA BEACH, FLA.				NORTHEAST WASTEWATER TREATMENT FACILITY INFLUENT STRUCTURE - PLAN AT EL. 82.25 CLEARWATER, FLORIDA			



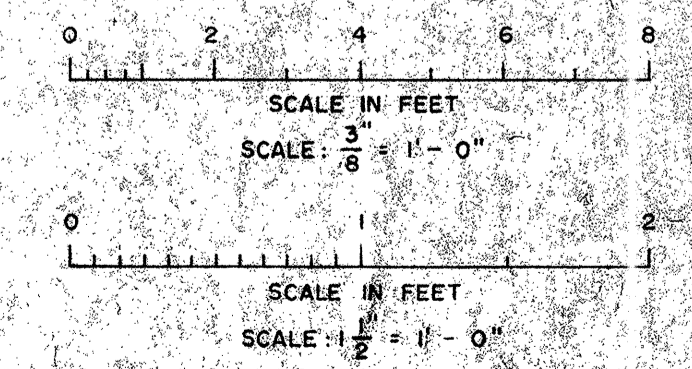
PLAN
SCALE: 3/8" = 1'-0"



SECTION A-A
SCALE: 3/8" = 1'-0"

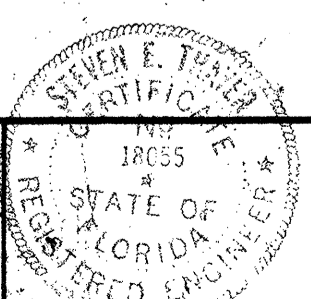


SECTION B-B
SCALE: 3/8" = 1'-0"



DESIGNED	CFW	SUBMITTED	3/24/76
DRAWN	GH	APPROVED	
CHECKED			

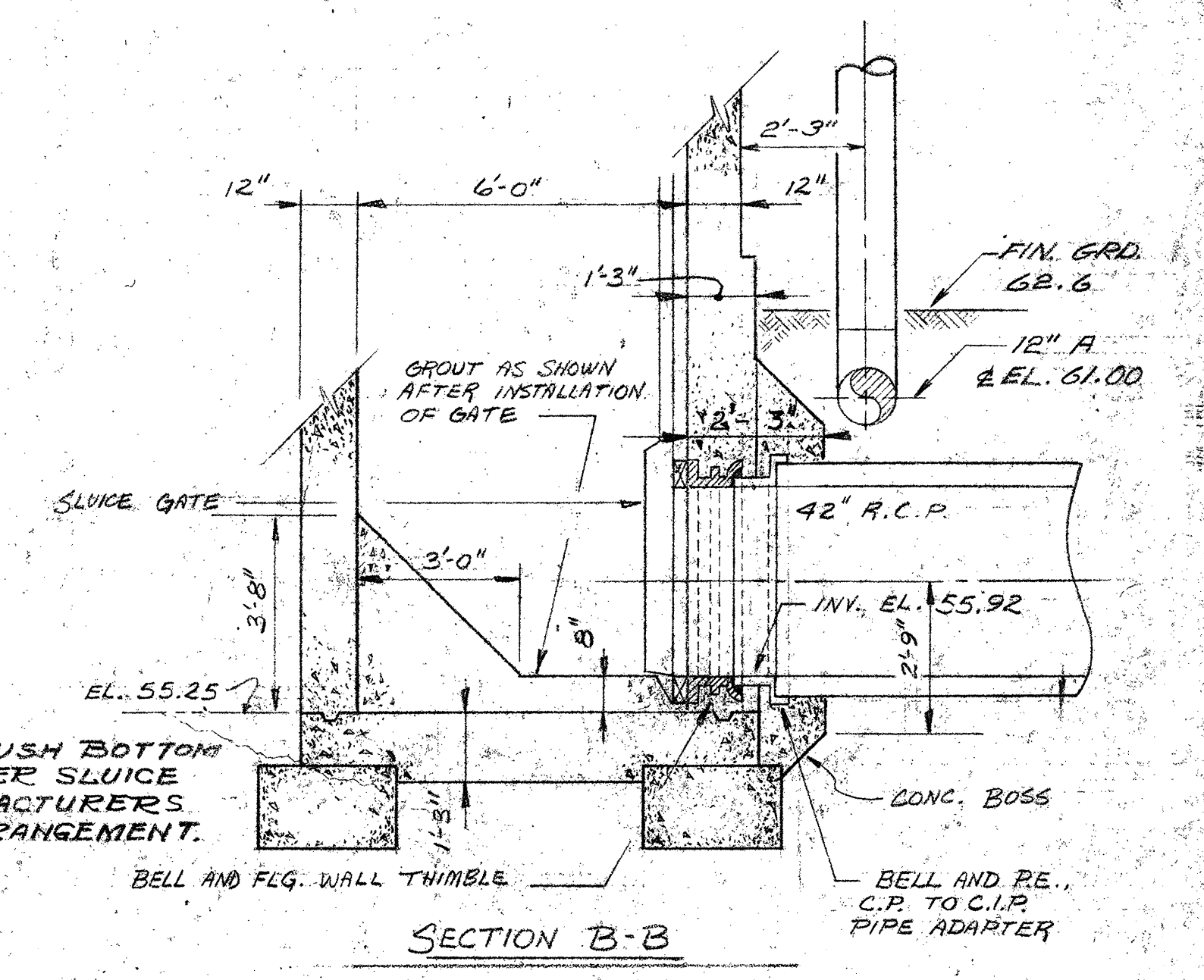
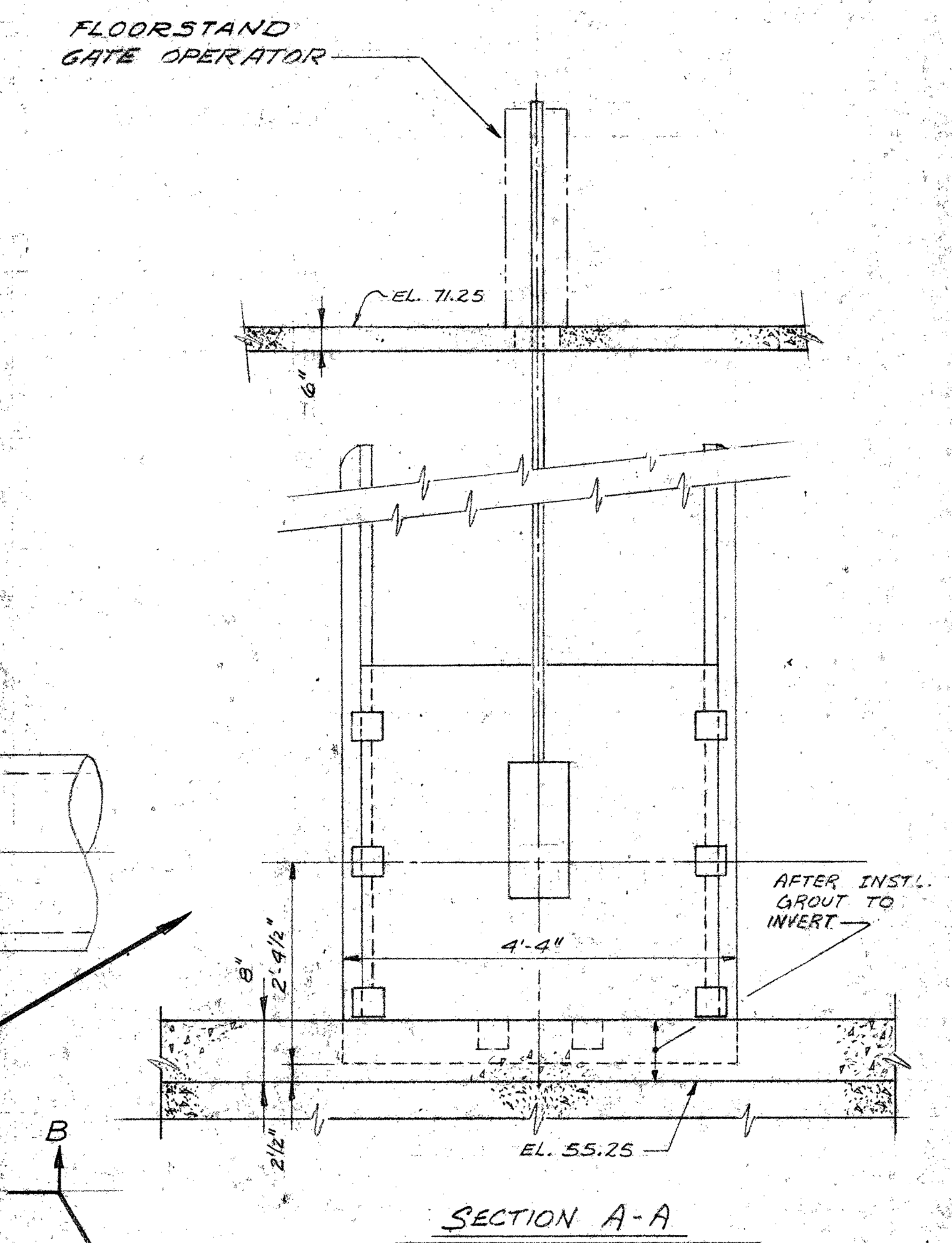
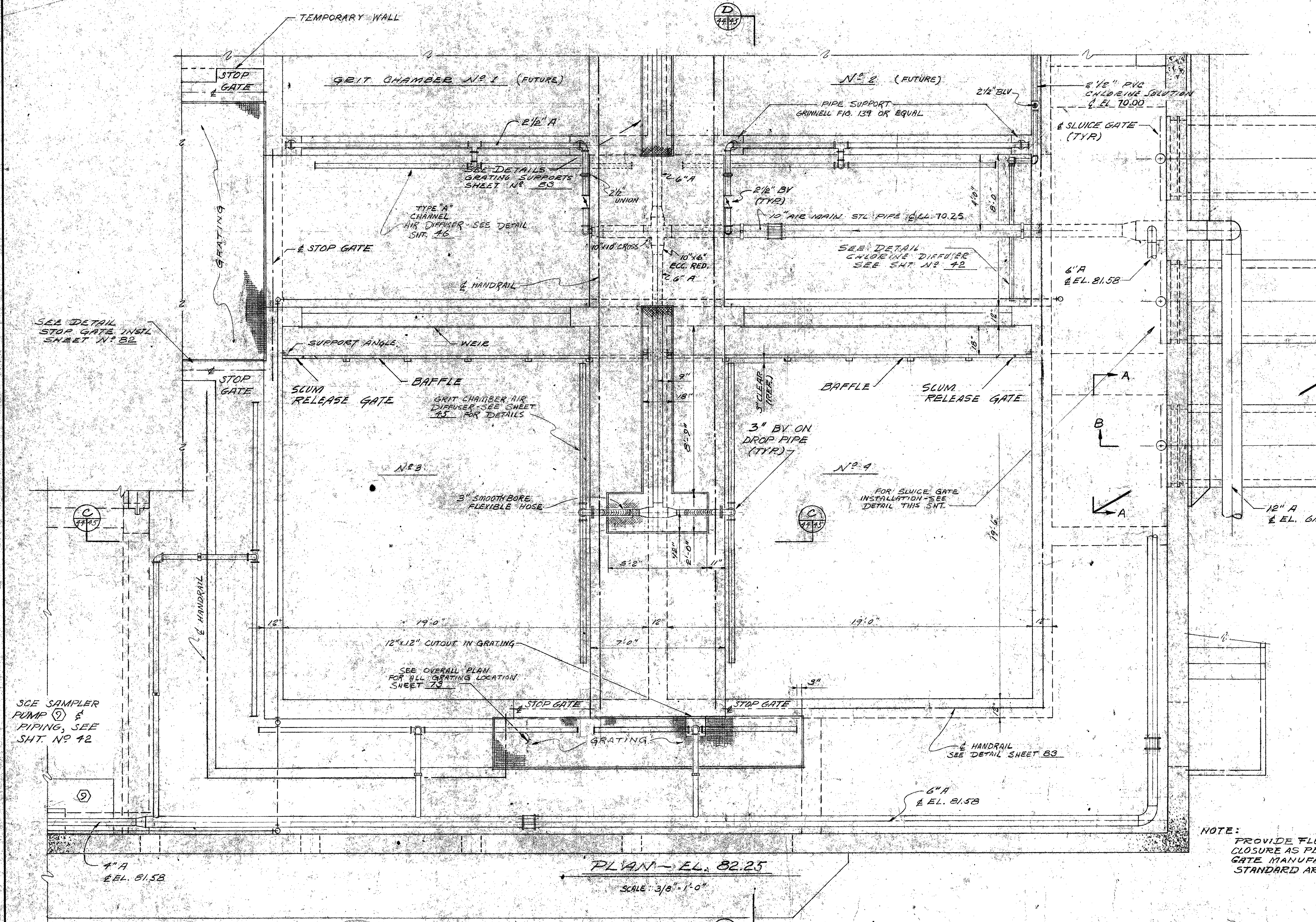
BRILEY, WILD & ASSOCIATES
REGISTERED ENGINEERS



Briley, Wild & Associates
CONSULTING ENGINEERS
DAYTONA BEACH, FLA. CLEARWATER, FLA.

NORTHEAST WASTEWATER TREATMENT FACILITY
INFLUENT STRUCTURE - SECTIONS & DETAILS
CLEARWATER, FLORIDA

DATE:	DEC 1975	PROJ. NO.:	7236-2A
SCALE:	AS SHOWN	FILE NO.:	
SHEET NO.:	43 OF 142		M-8414



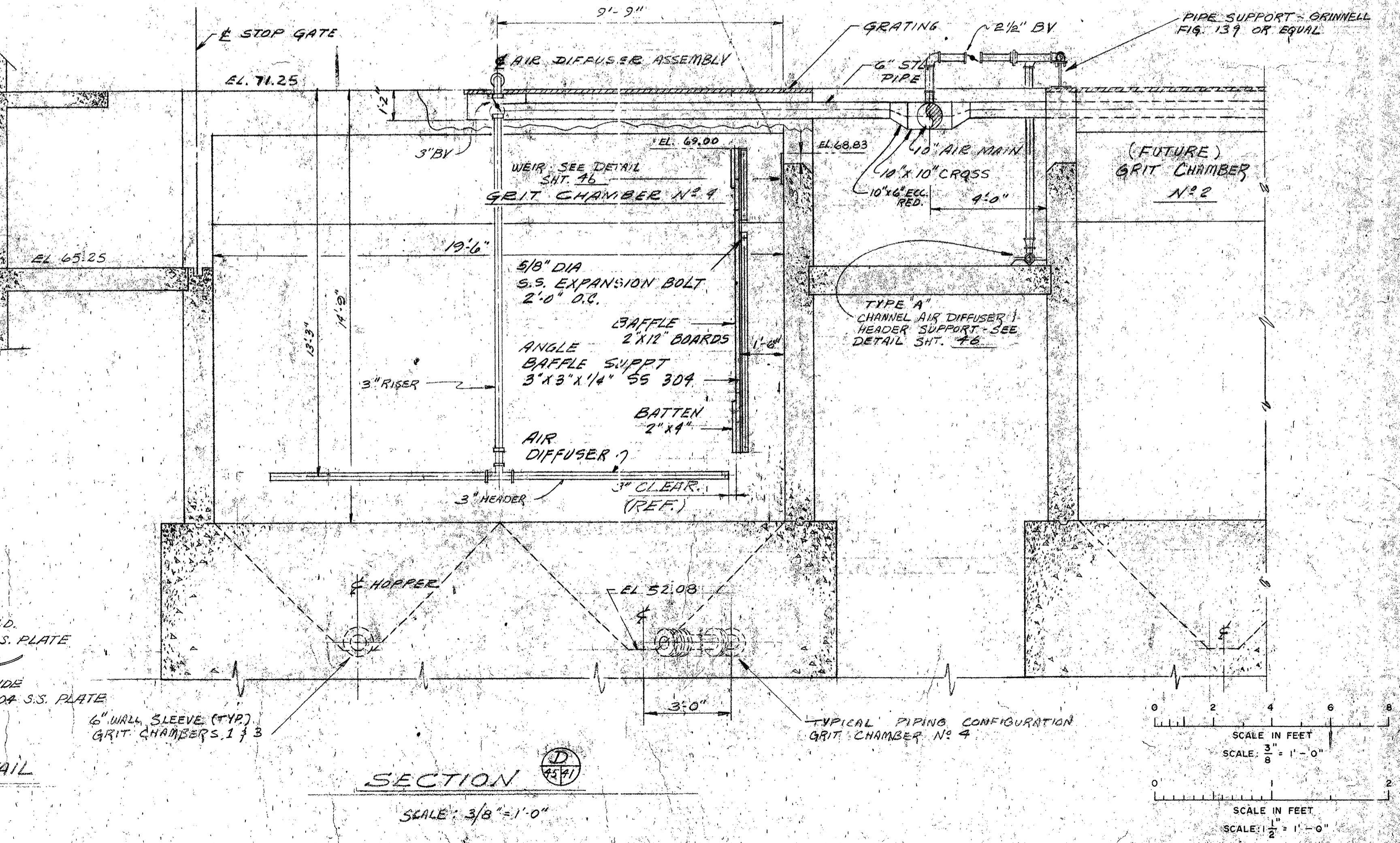
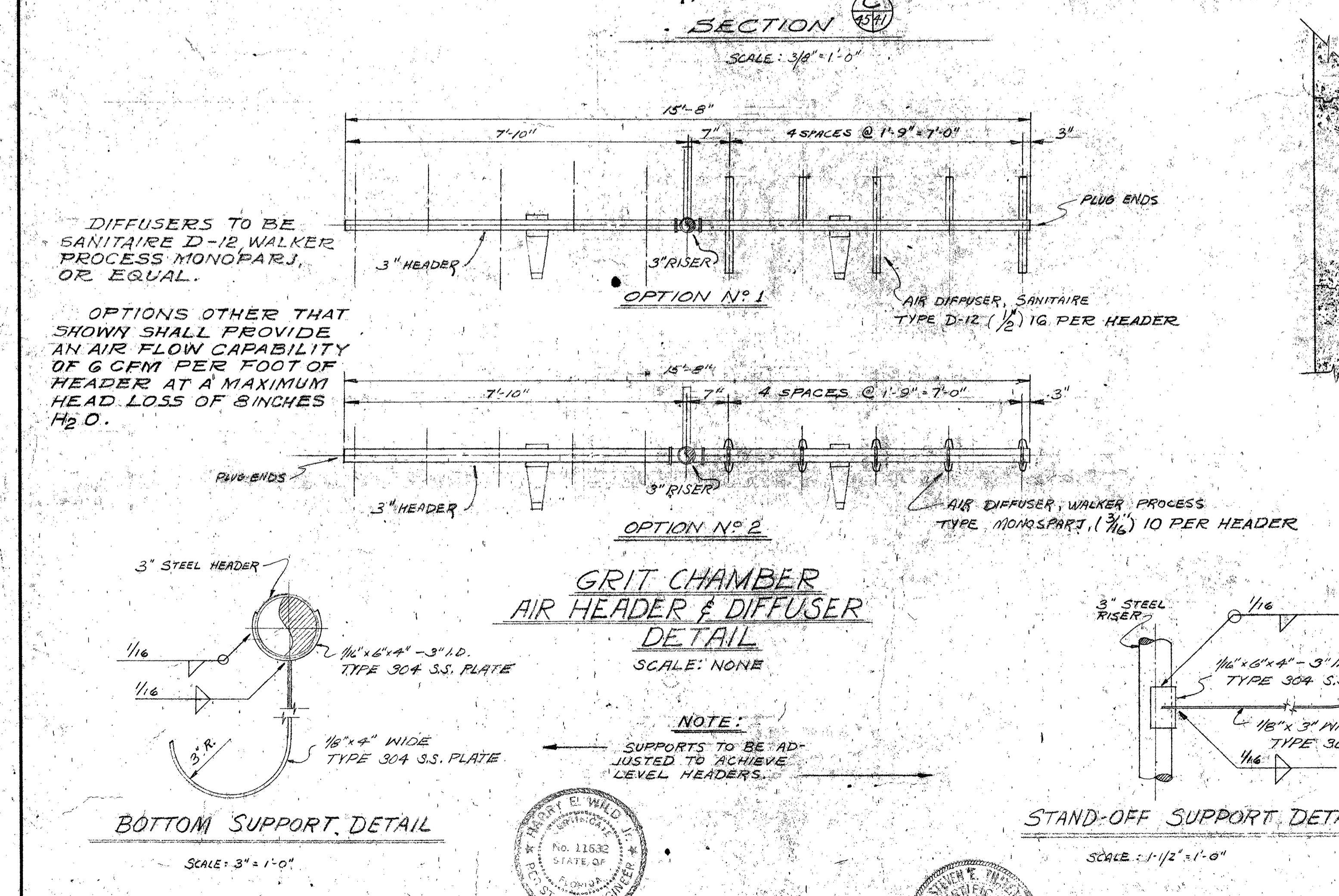
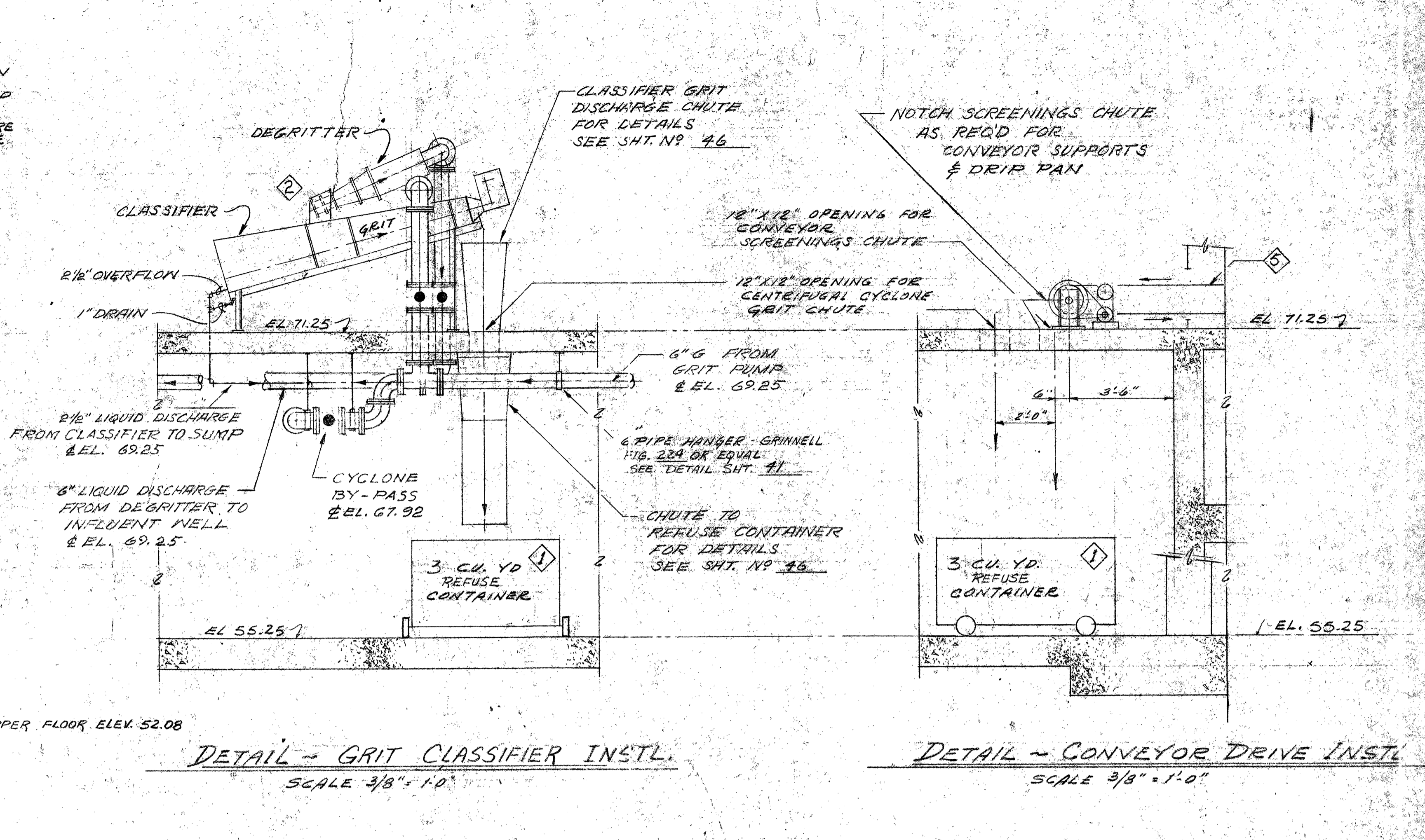
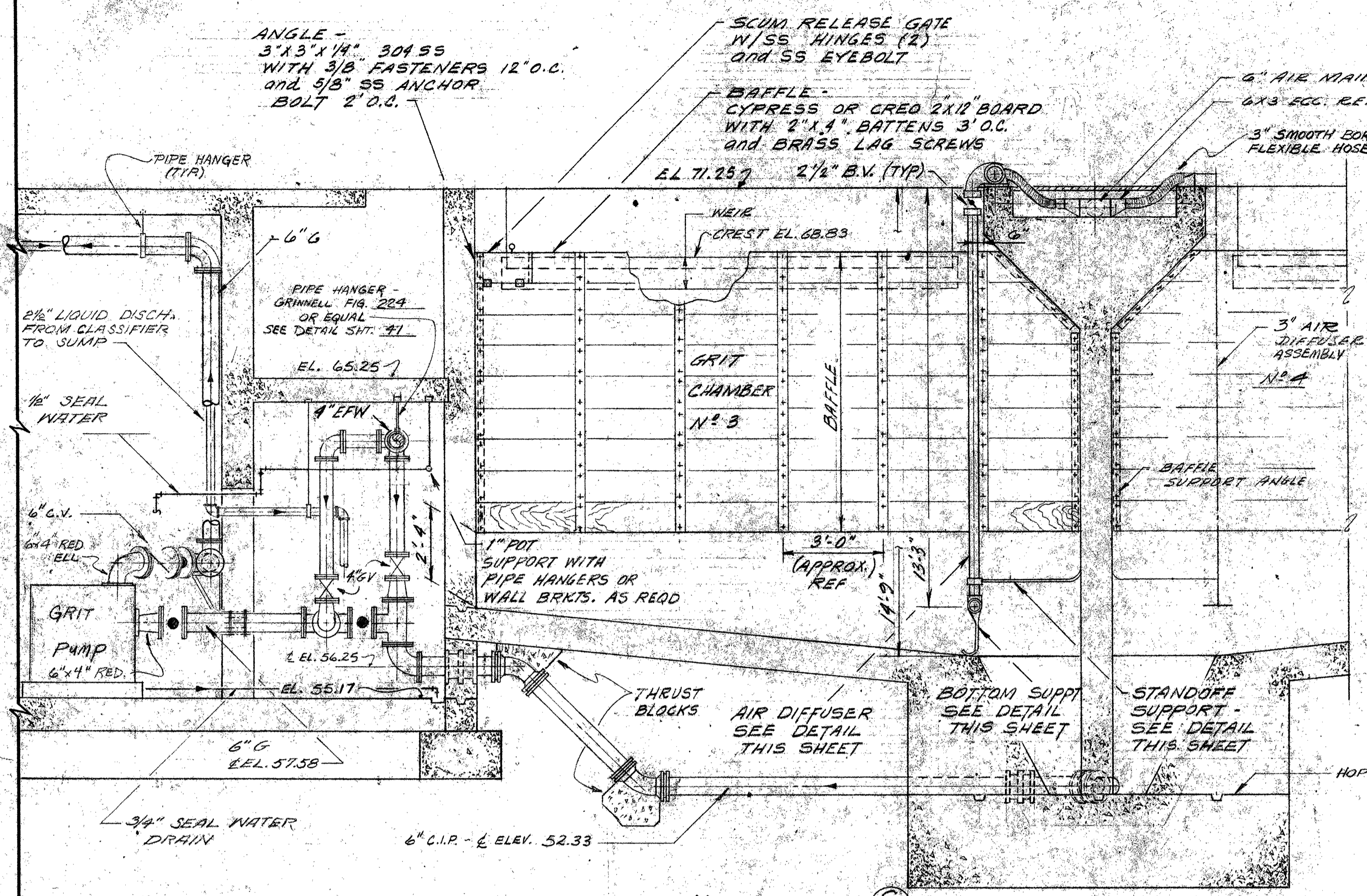
NOTE:
 PROVIDE FLUSH BOTTOM
 CLOSURE AS PER SLUICE
 GATE MANUFACTURERS
 STANDARD ARRANGEMENT.

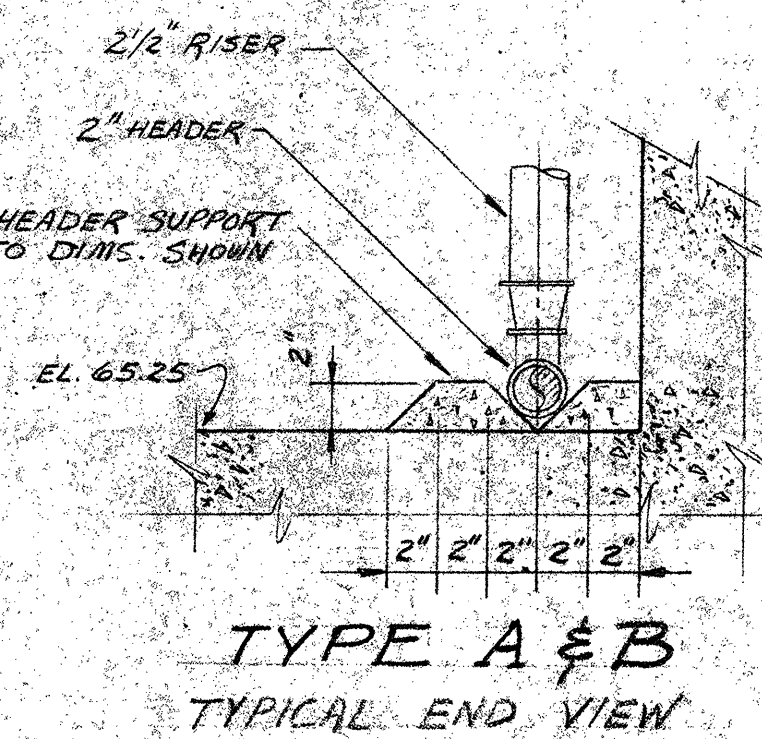
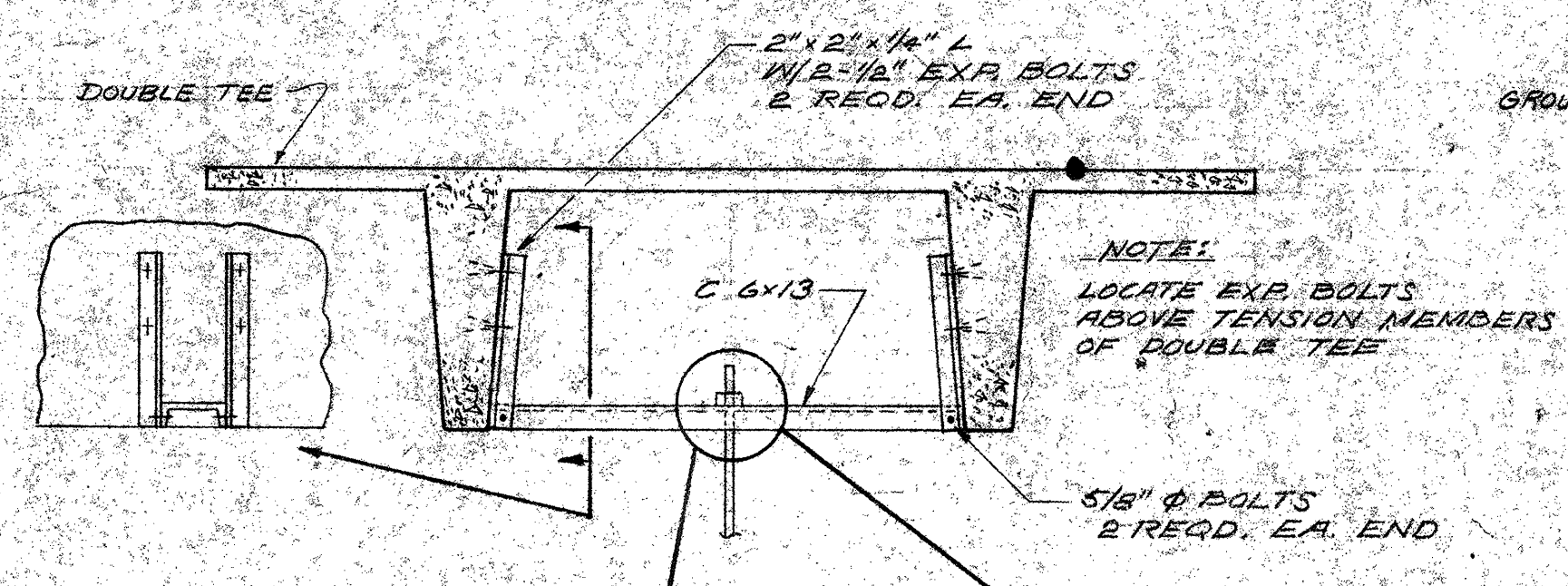
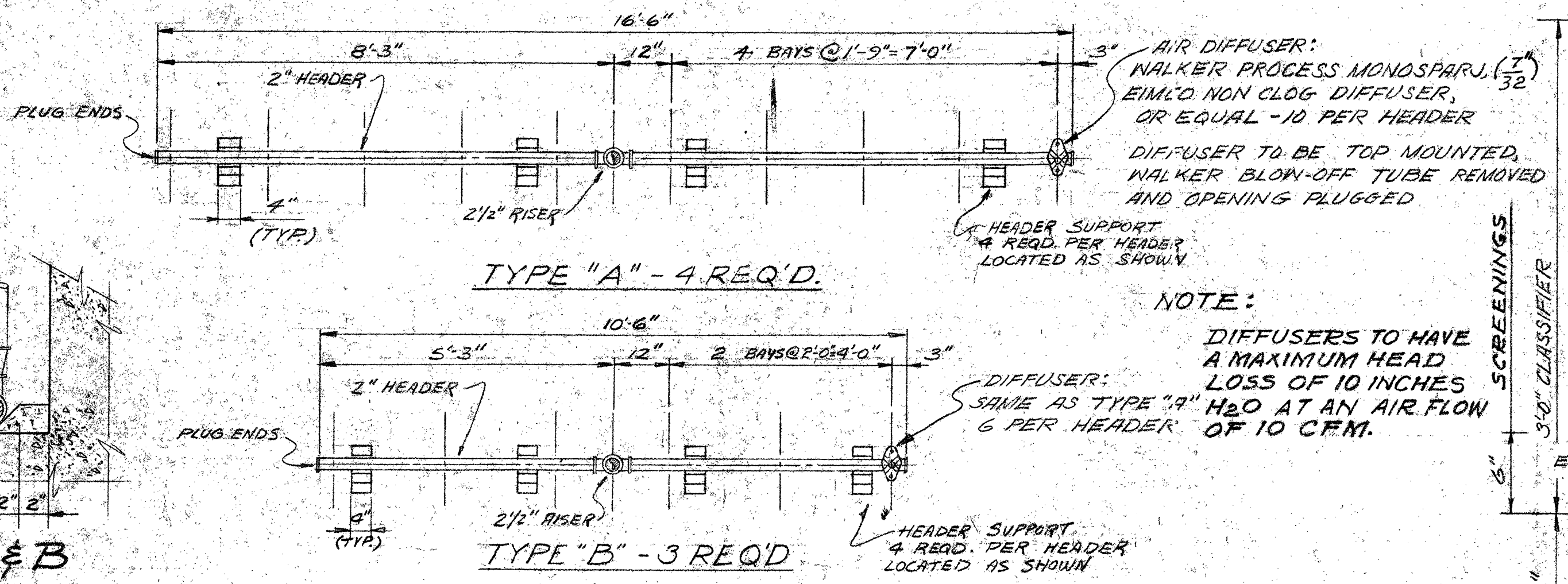
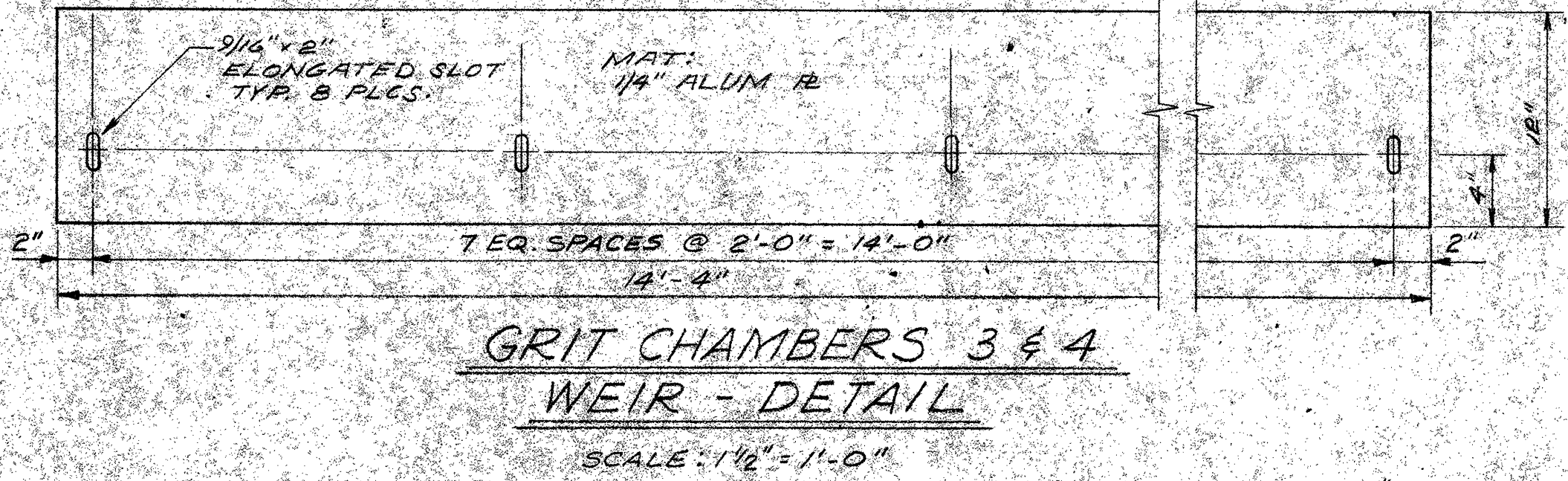
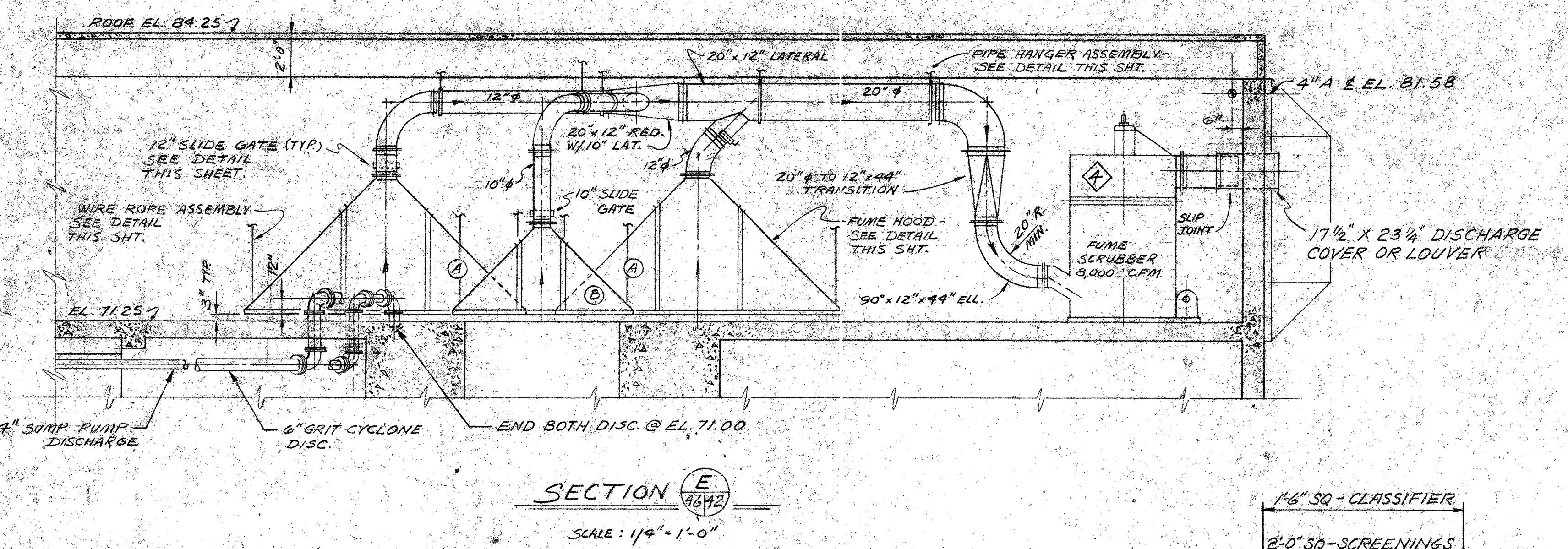
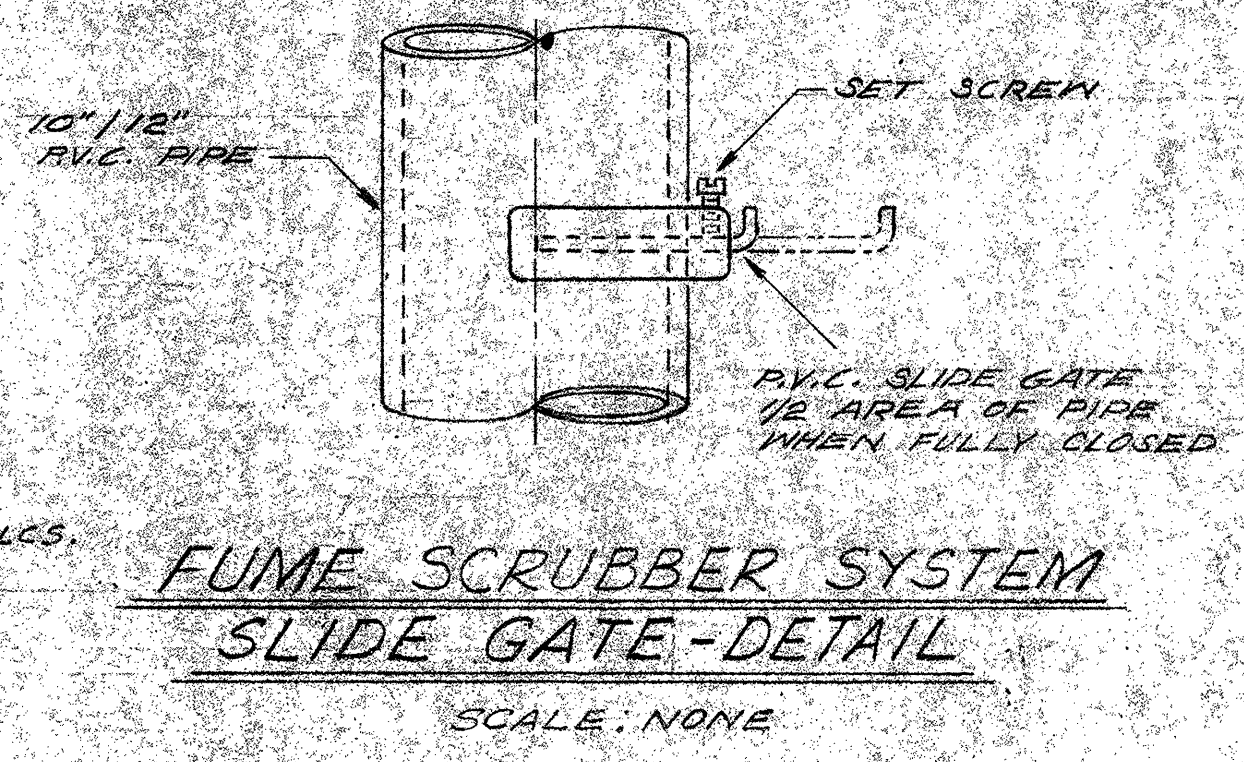
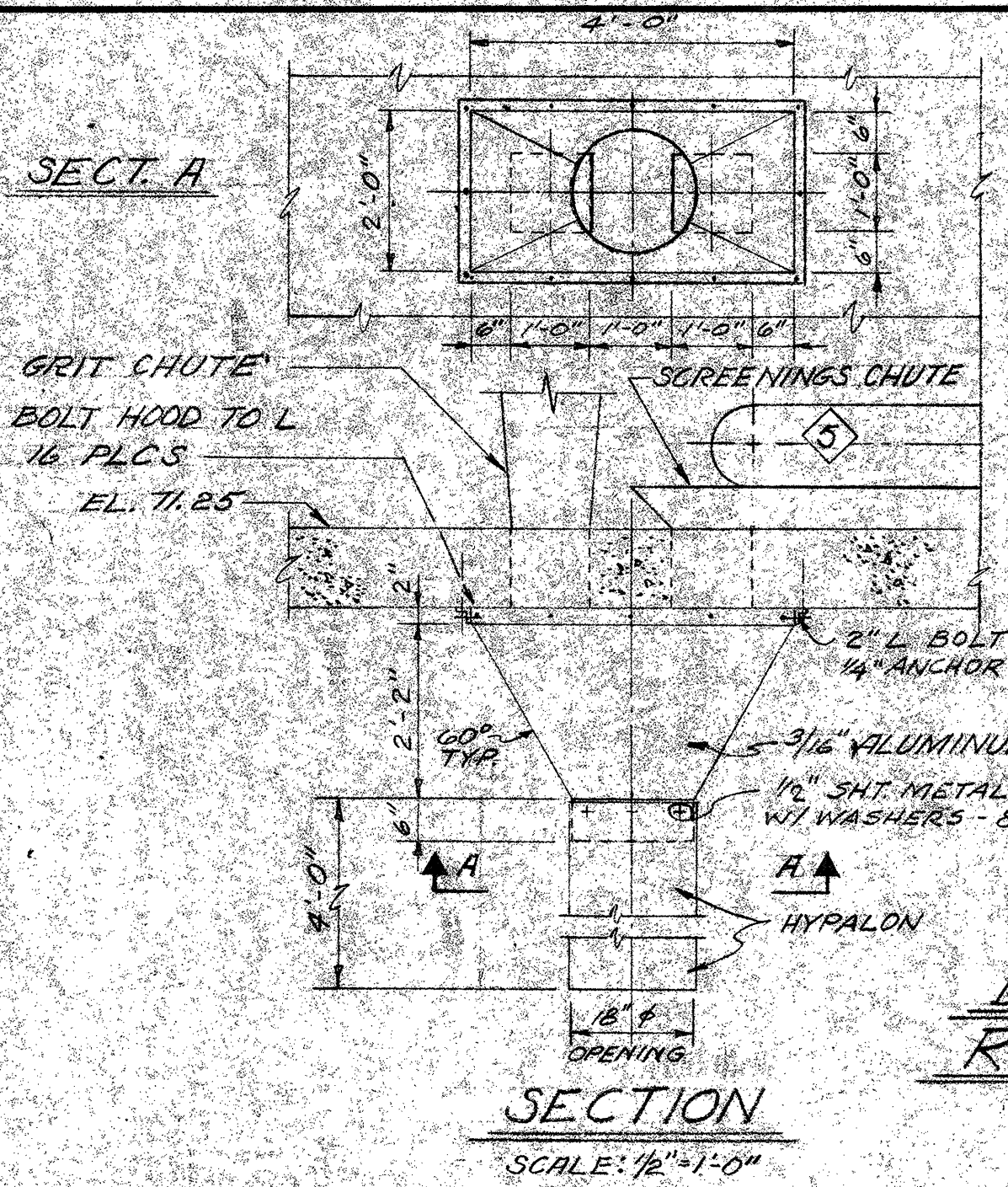
PLAN - EL. 82.25
 SCALE: 3/8" = 1'-0"

SCALE IN FEET
 SCALE: 3/8" = 1'-0"

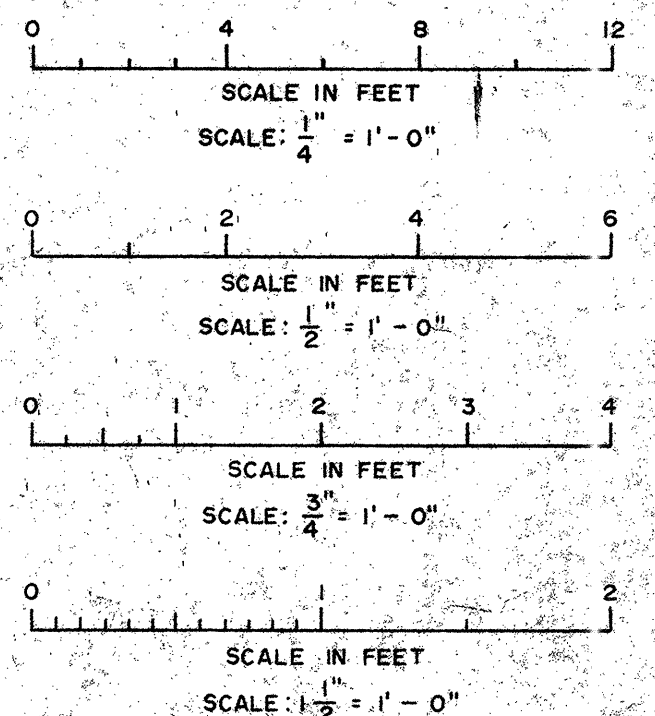
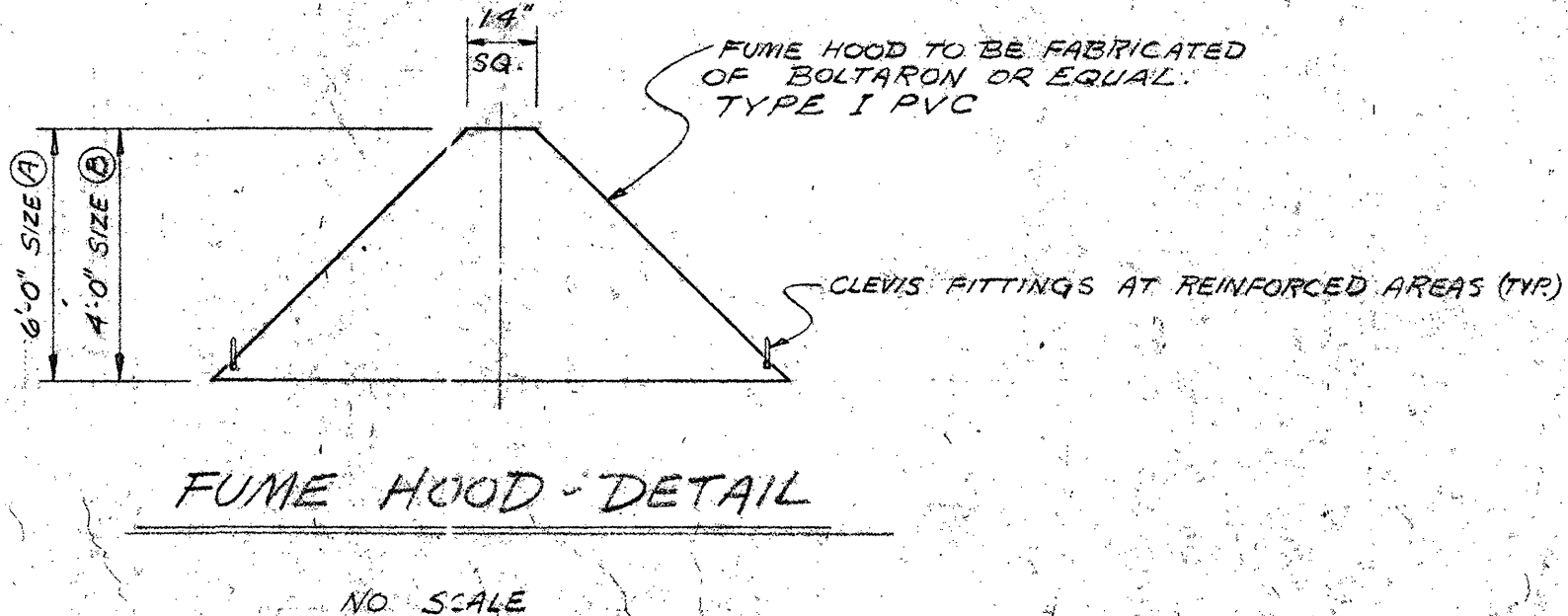
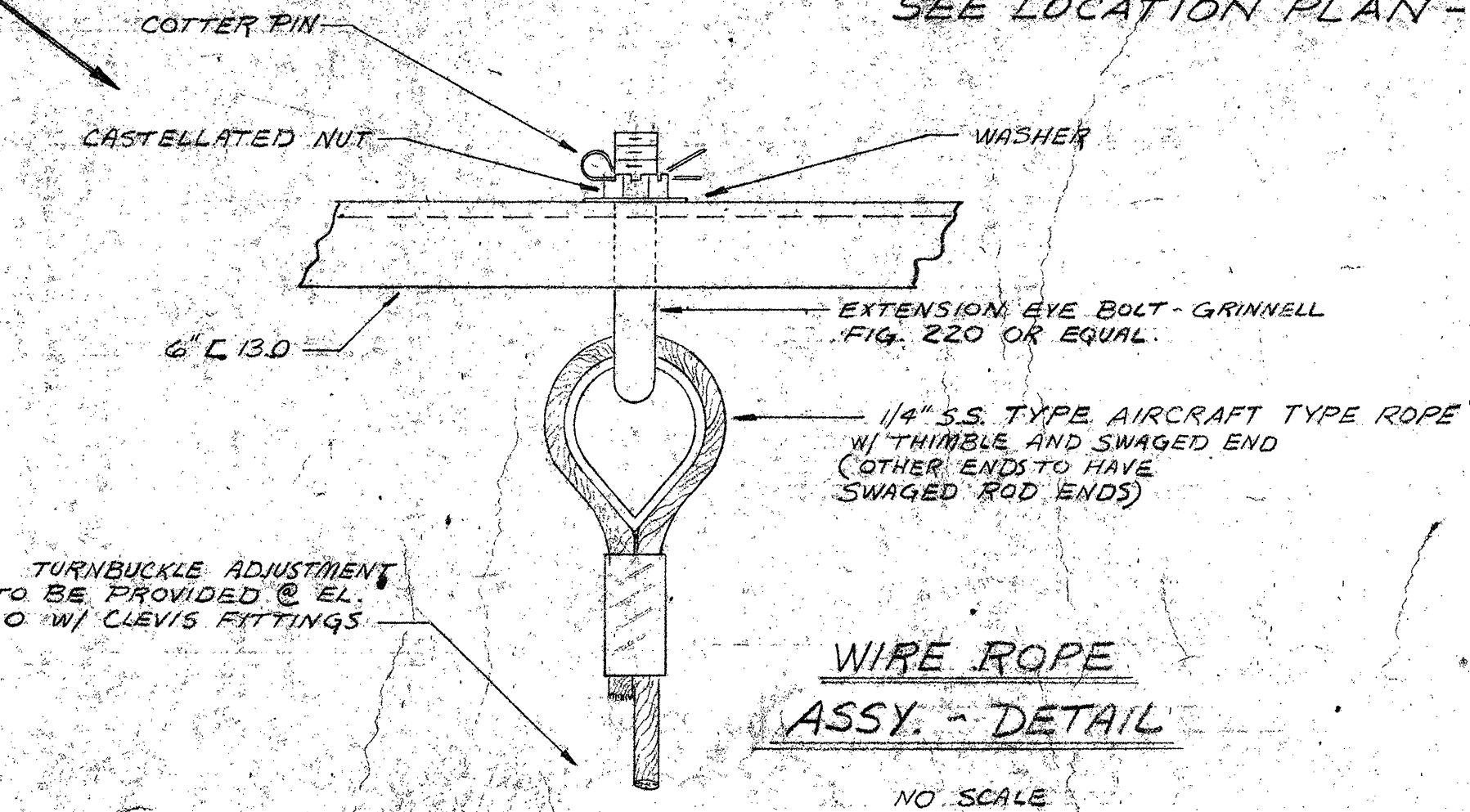
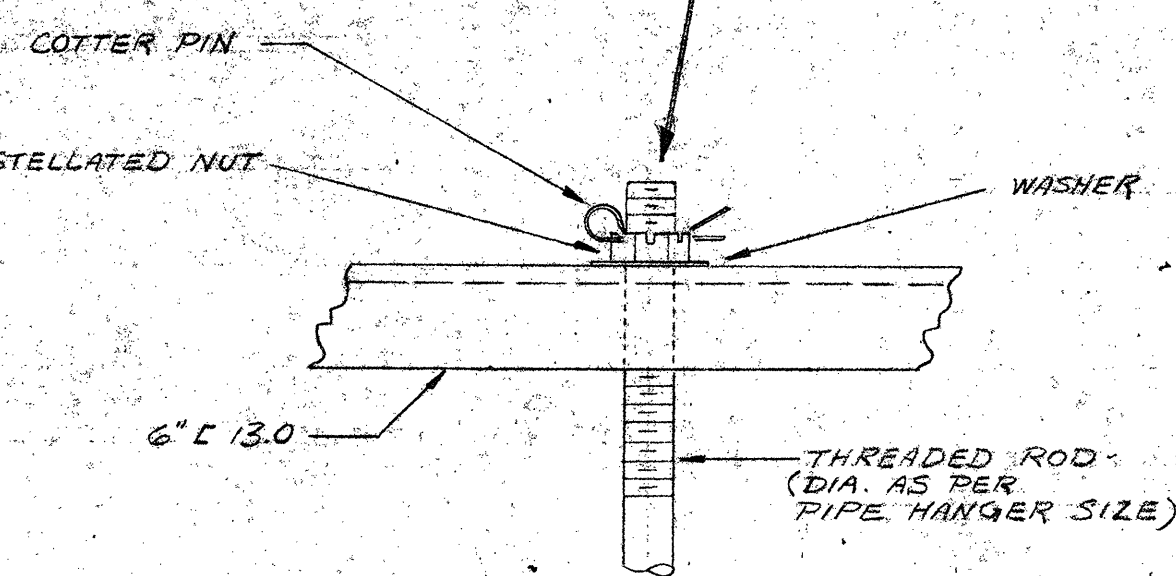
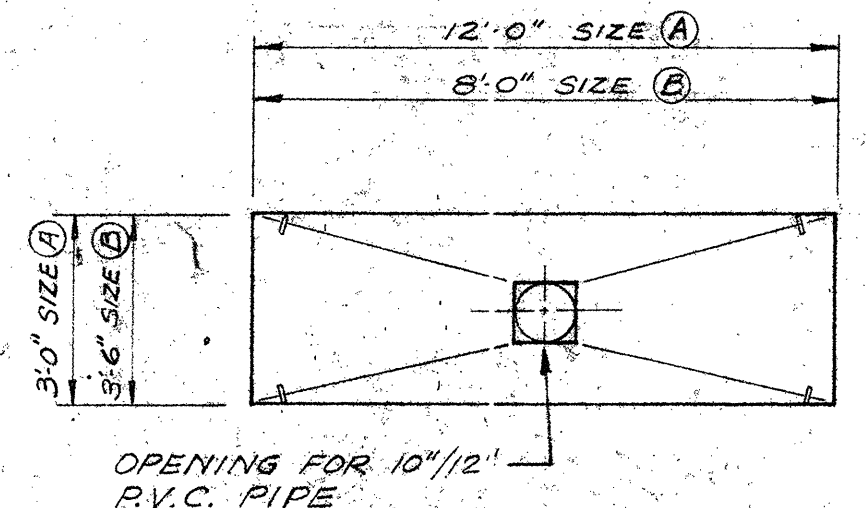
SCALE: NONE

	DESIGNED: <i>Henry E. Wild</i>	SUBMITTED: <i>Steven L. Thomas 3/24/76</i>		Briley, Wild & Associates CONSULTING ENGINEERS DAYTONA BEACH, FLA. CLEARWATER, FLA.	NORTHEAST WASTEWATER TREATMENT FACILITY INFLUENT STRUCTURE - DETAIL CLEARWATER, FLORIDA	DATE: DEC. 1975	PROJ. NO. 7236-2A
REV. NO.	DATE	REVISION	BY	CHECKED	DATE	SCALE: AS SHOWN	FILE NO.
1		ADDED BAFFLE DETAIL	C.H.				
						SHEET NO. 44 OF 142	M-8415

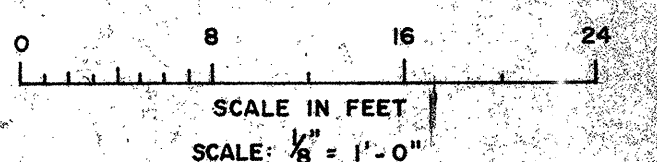
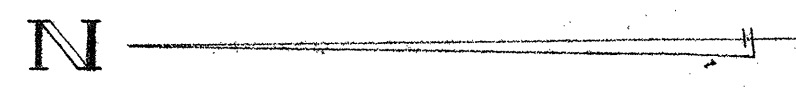
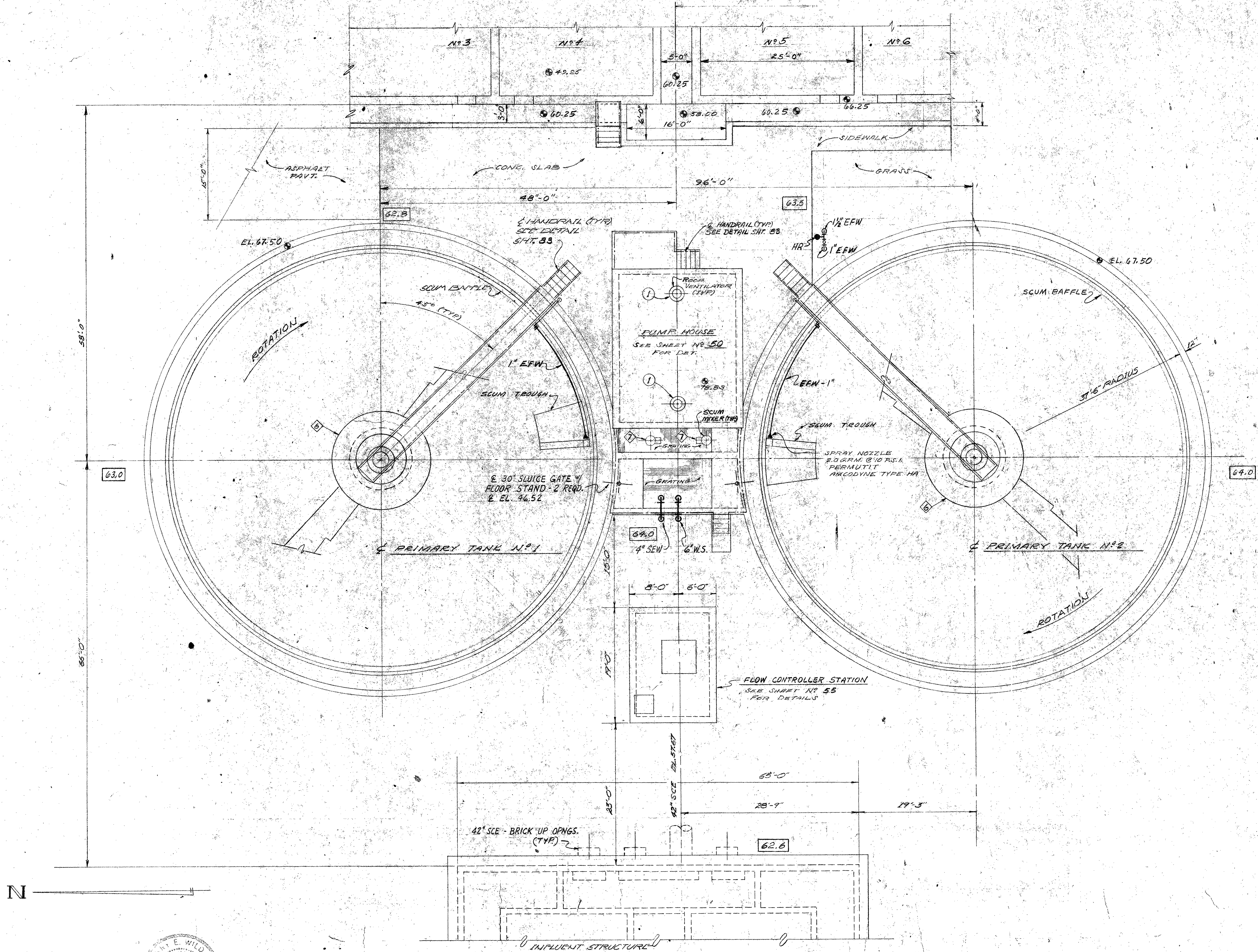




INFLUENT STRUCTURE CHANNEL AIR HEADER & DIFFUSERS DETAILS TYPE "A" & "B"
 SCALE: NONE
 SEE LOCATION PLAN - SHT. 42

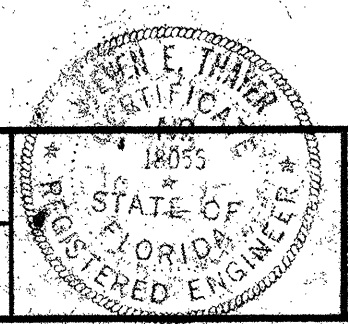


AERATION TANKS



DESIGNED	BY	CHECKED
DRAWN	BY	CHECKED
DATE	REVISION	

SUBMITTED: *Steven E. Thayer* 3/24/76
 APPROVED: *[Signature]*

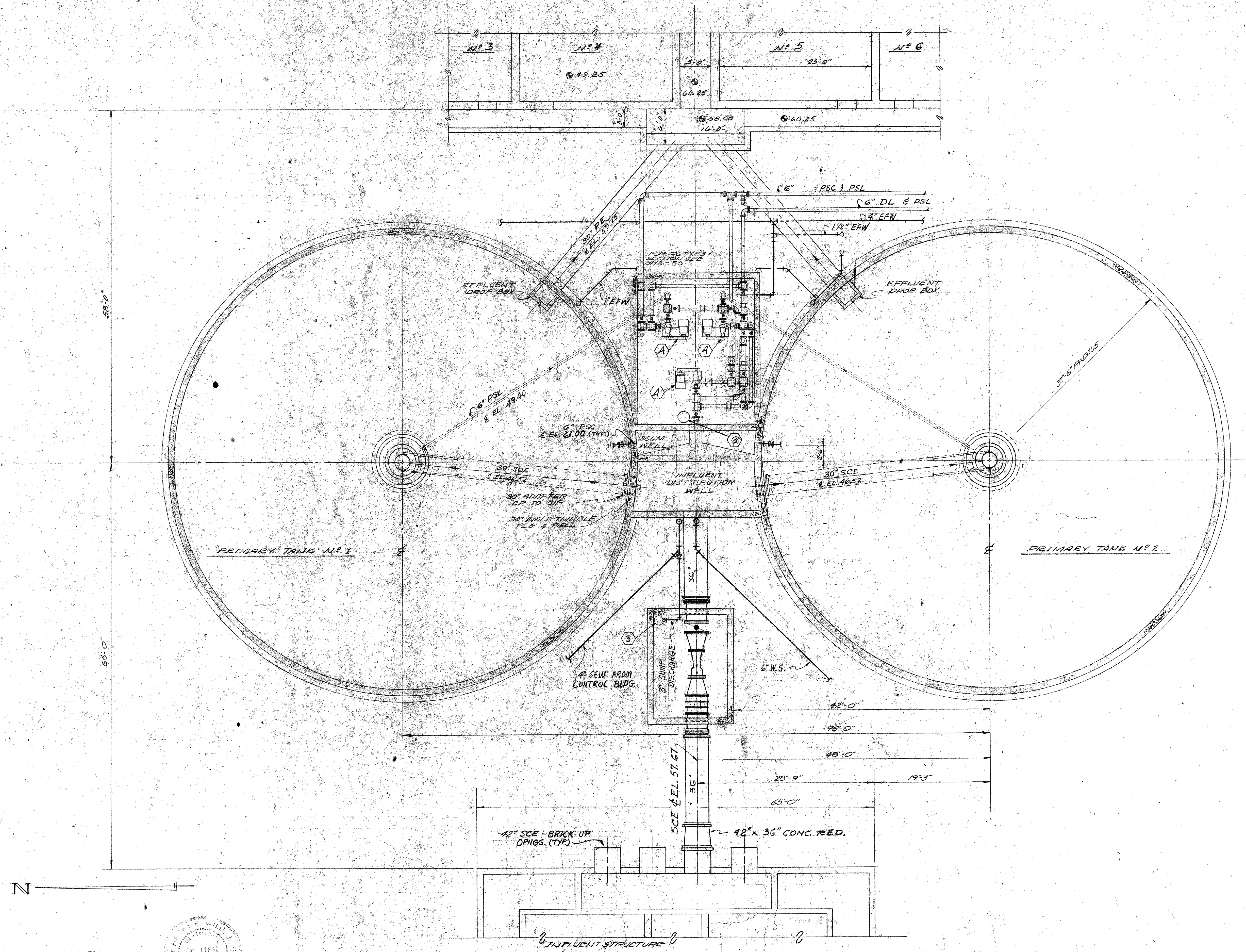


Biley, Wild & Associates
 CONSULTING ENGINEERS
 DAYTONA BEACH, FLA. CLEARWATER, FLA.

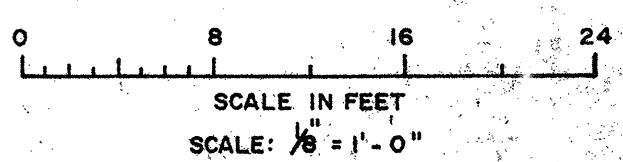
NORTHEAST WASTEWATER TREATMENT FACILITY
 PRIMARY SETTLING TANKS - PLAN
 CLEARWATER, FLORIDA

DATE: DEC. 1975
 SCALE: 1/8" = 1'-0"
 SHEET NO. 47 OF 142
 PROJ. NO. 7236-2A
 FILE NO. M-84113

AERATION TANKS

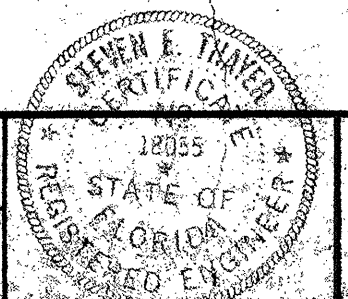


- ③ PRIMARY SLUDGE PUMP
- ③ PRIMARY SCUM PUMP
- ④ SUMP PUMP



N

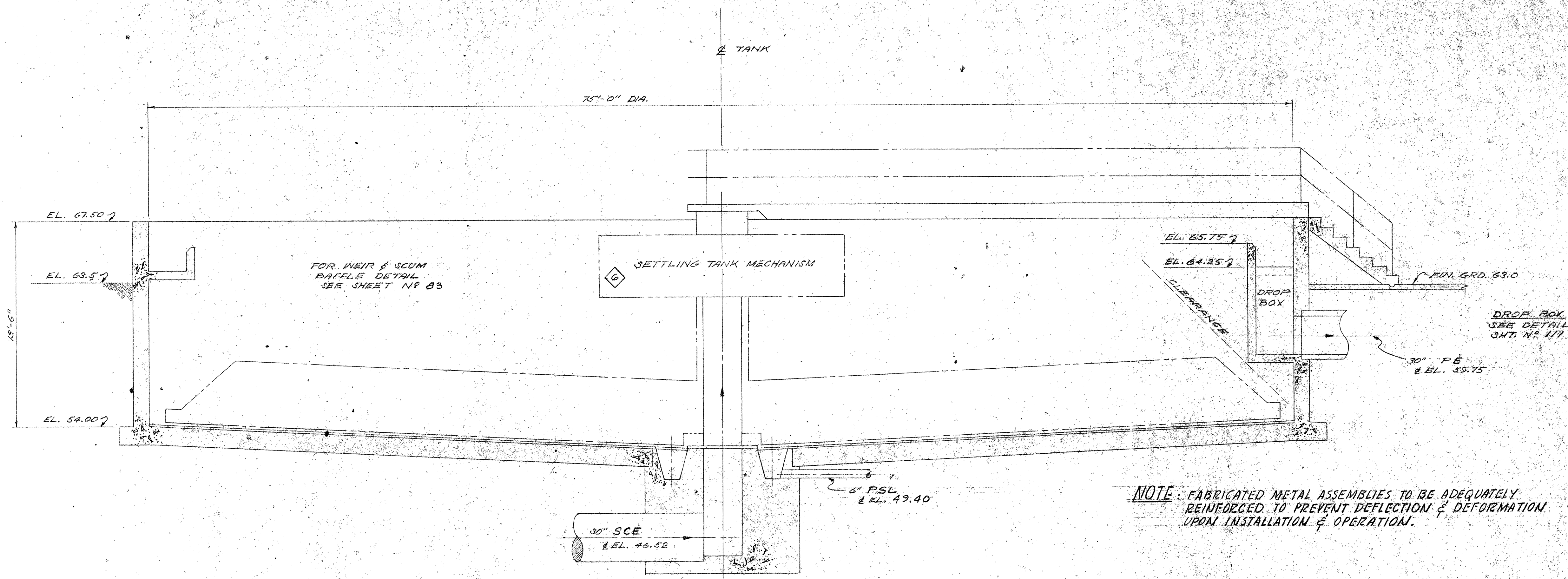
DESIGNED	BY	DATE	REVISION
DRAWN	BY	DATE	REVISION
CHECKED	BY	DATE	REVISION
SUBMITTED:		3/24/76	
APPROVED:			



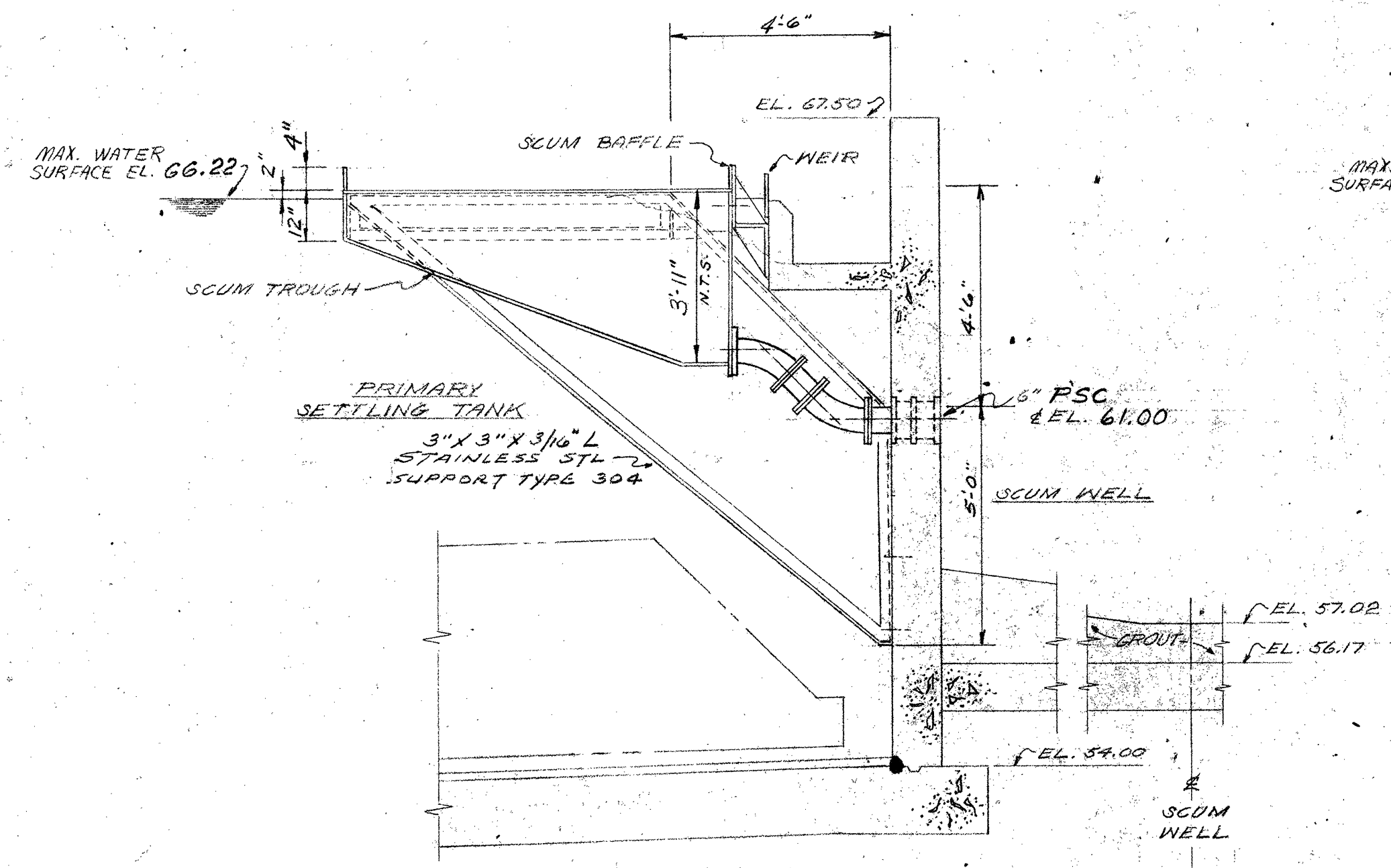
Biley, Wild & Associates
 CONSULTING ENGINEERS
 DAYTONA BEACH, FLA. CLEARWATER, FLA.

NORTHEAST WASTEWATER TREATMENT FACILITY
 PRIMARY SETTLING TANKS - PLAN AT ELEV. 62.00
 CLEARWATER, FLORIDA

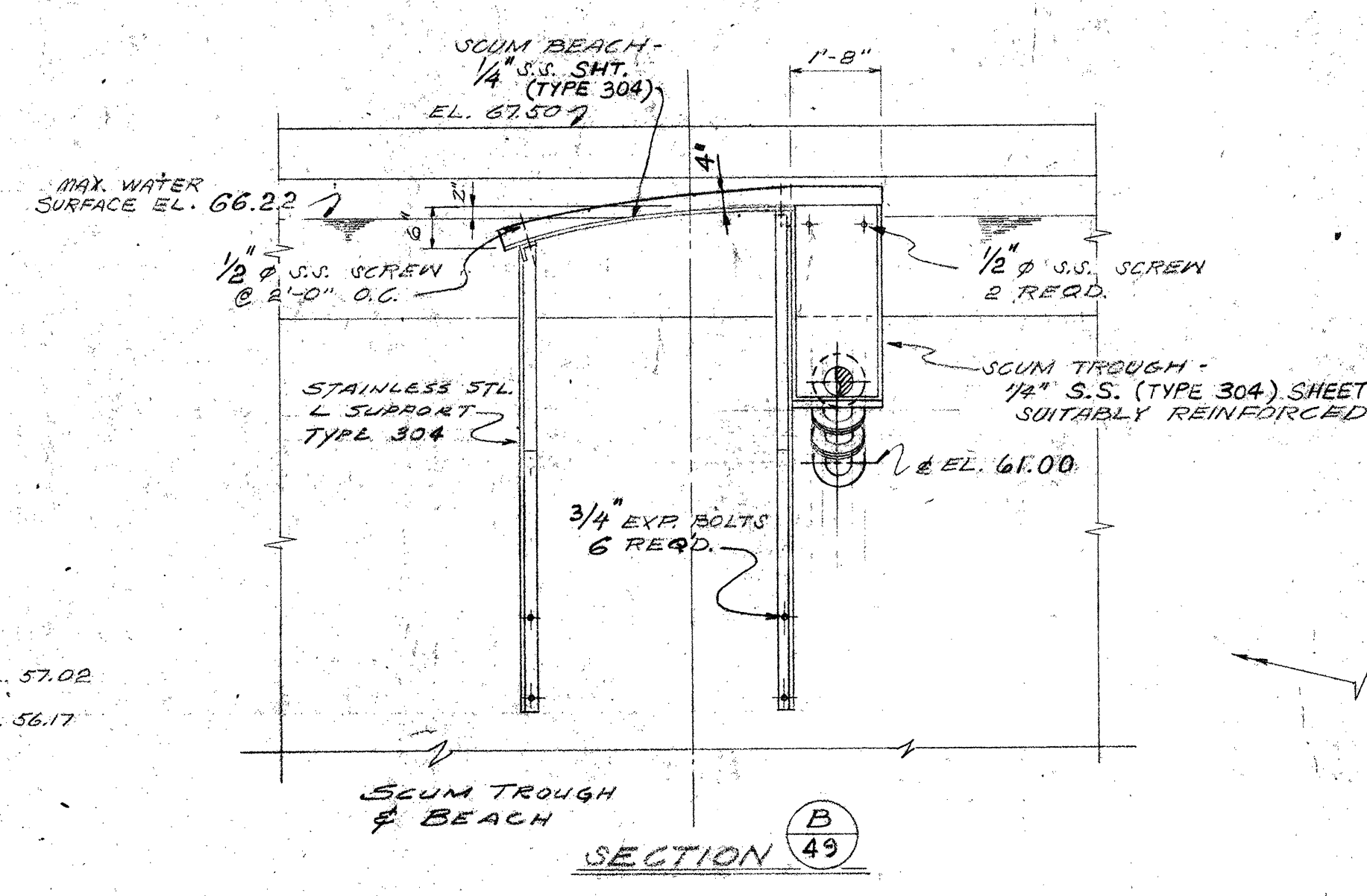
DATE	DEC. 1975	PROJ. NO.	7236-2A
SCALE	1/8" = 1'-0"	FILE NO.	
SHEET NO.	48 OF 142	M - 841	



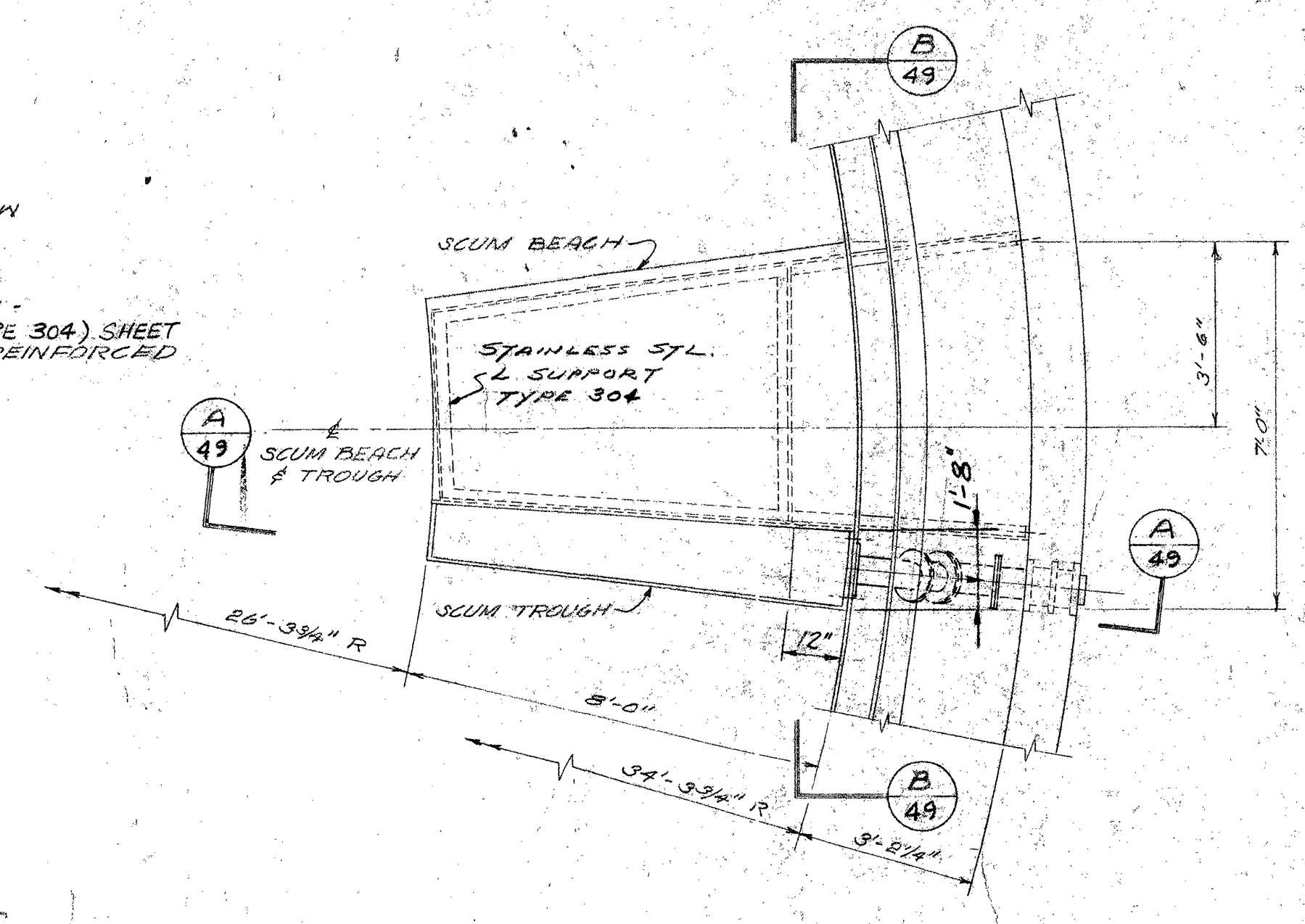
SECTION-TYPICAL
SCALE: 1/4" = 1'-0"



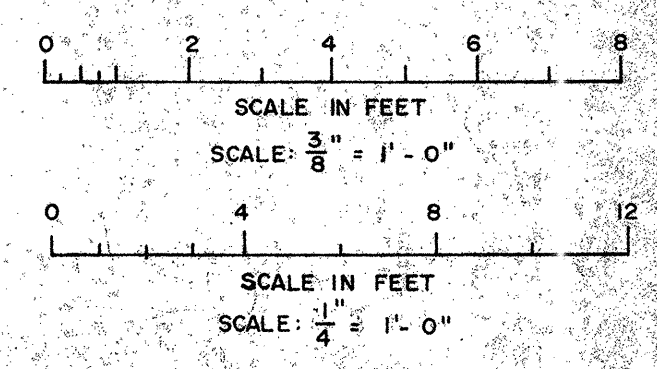
SECTION A
49



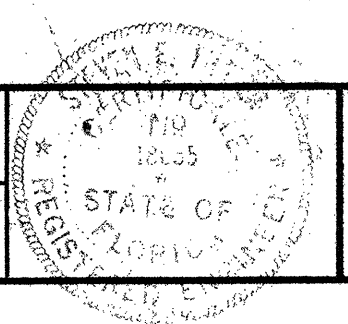
SECTION B
49
SCUM BEACH & TROUGH-DETAILS
SCALE: 3/8" = 1'-0"



PLAN



DESIGNED	M	DATE	3/25/76
DRAWN	R	DATE	3/9/76
CHECKED		DATE	
APPROVED		DATE	



Briley, Wild & Associates
CONSULTING ENGINEERS
DAYTONA BEACH, FLA. CLEARWATER, FLA.

NORTHEAST WASTEWATER TREATMENT FACILITY
PRIMARY SETTLING TANKS - SECTIONS
CLEARWATER, FLORIDA

DATE	DEC. 1975	PROJ. NO.	7236-2A
SCALE	AS SHOWN	FILE NO.	
SHEET NO.	49 OF 142		M-8420