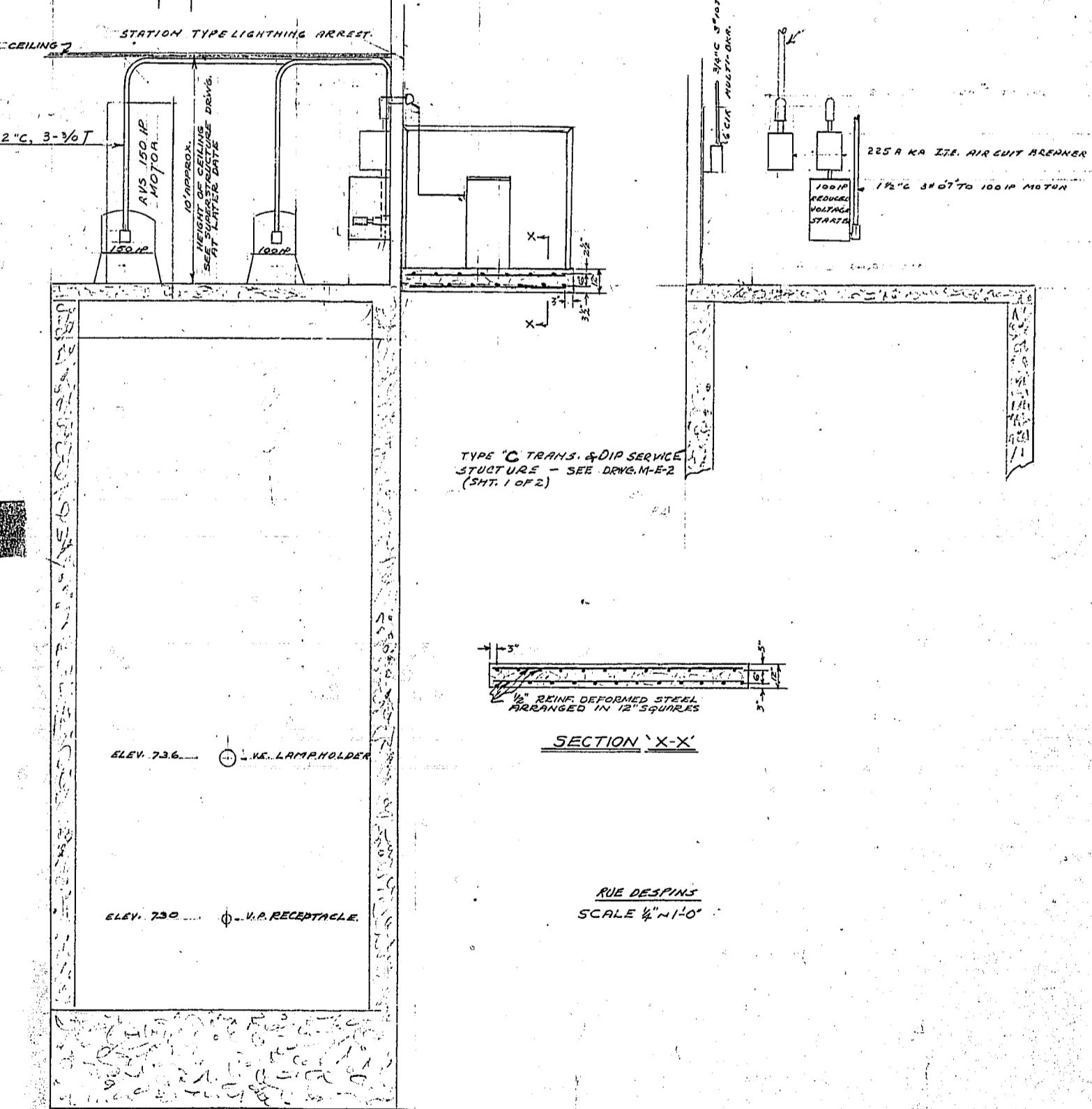
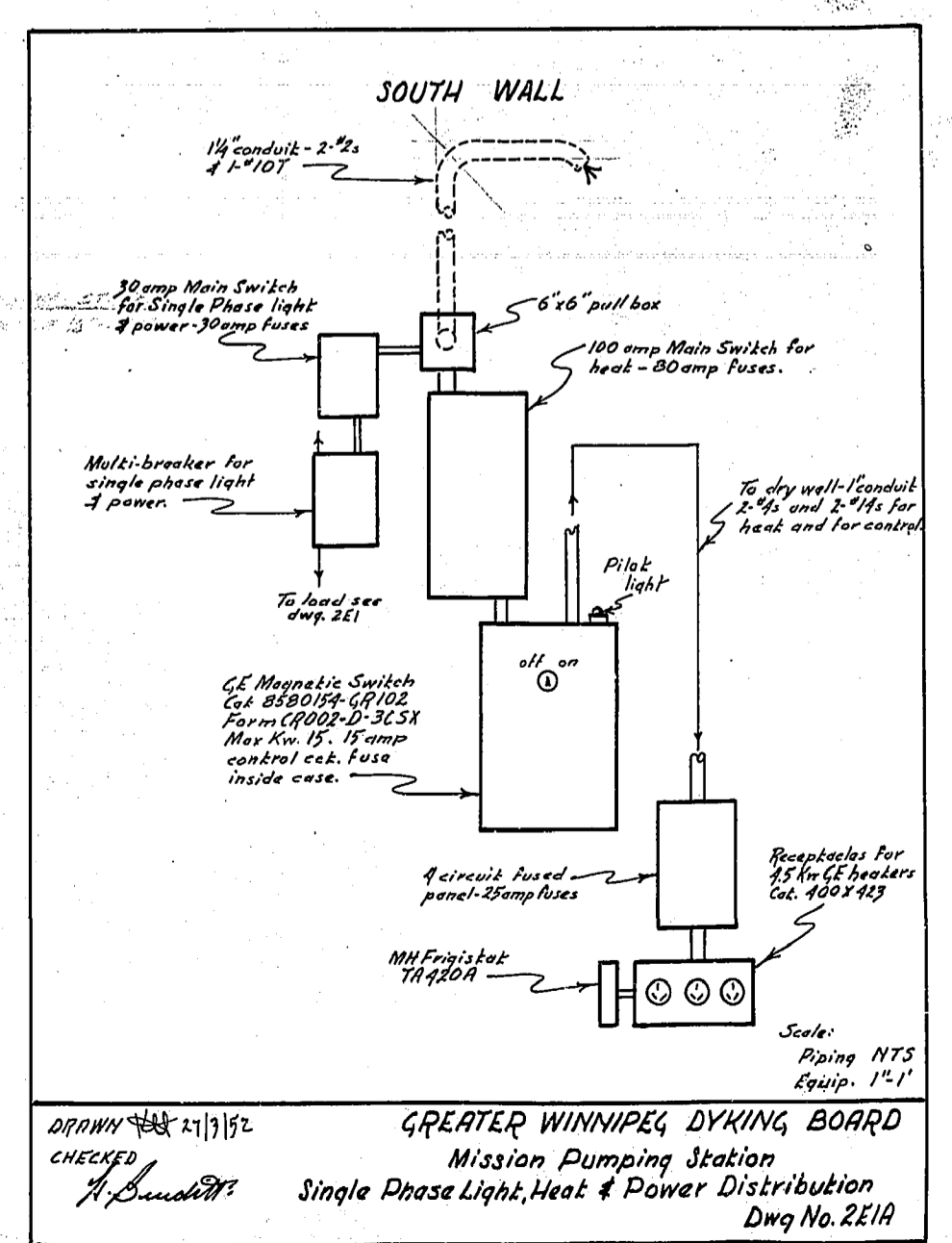
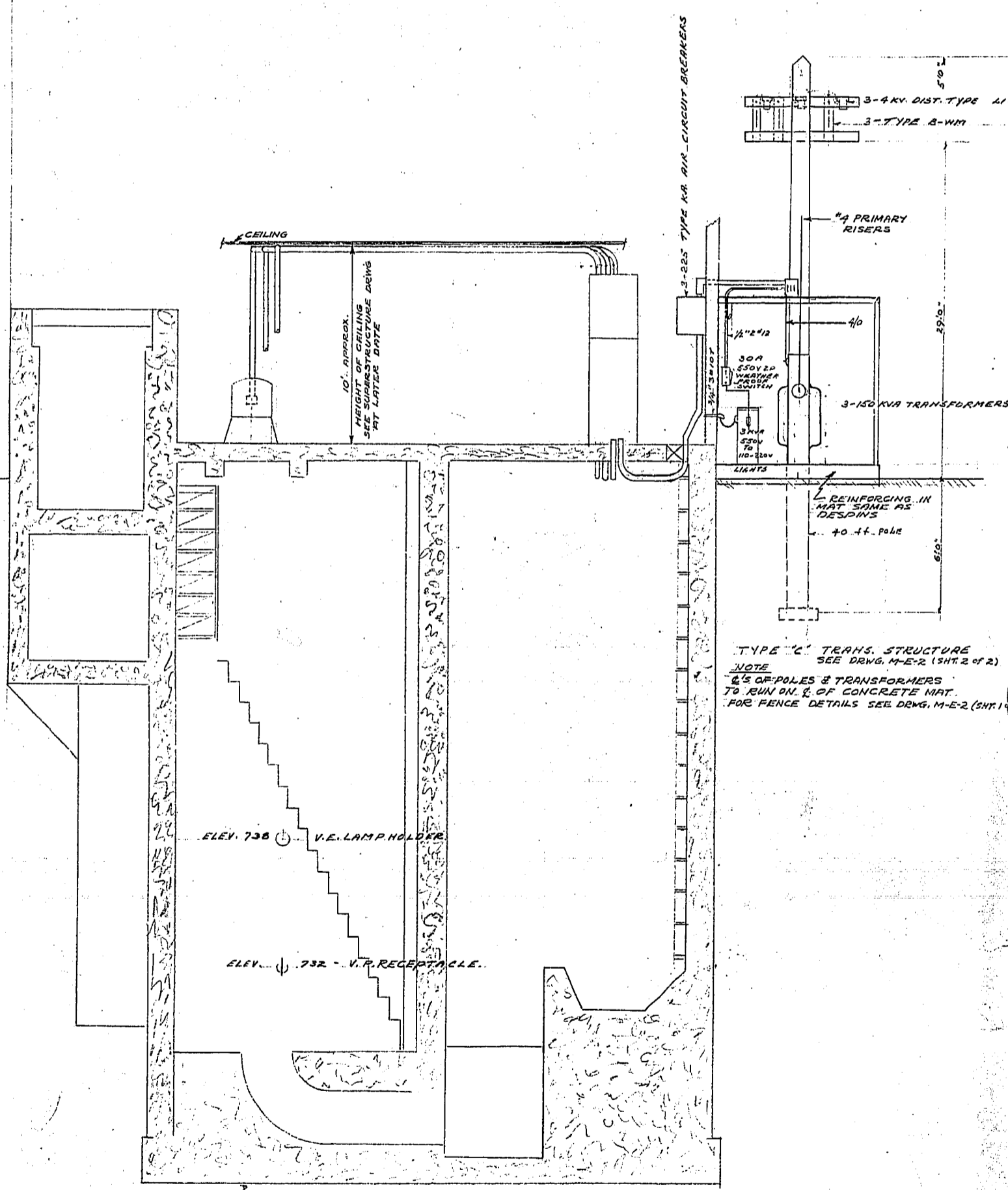
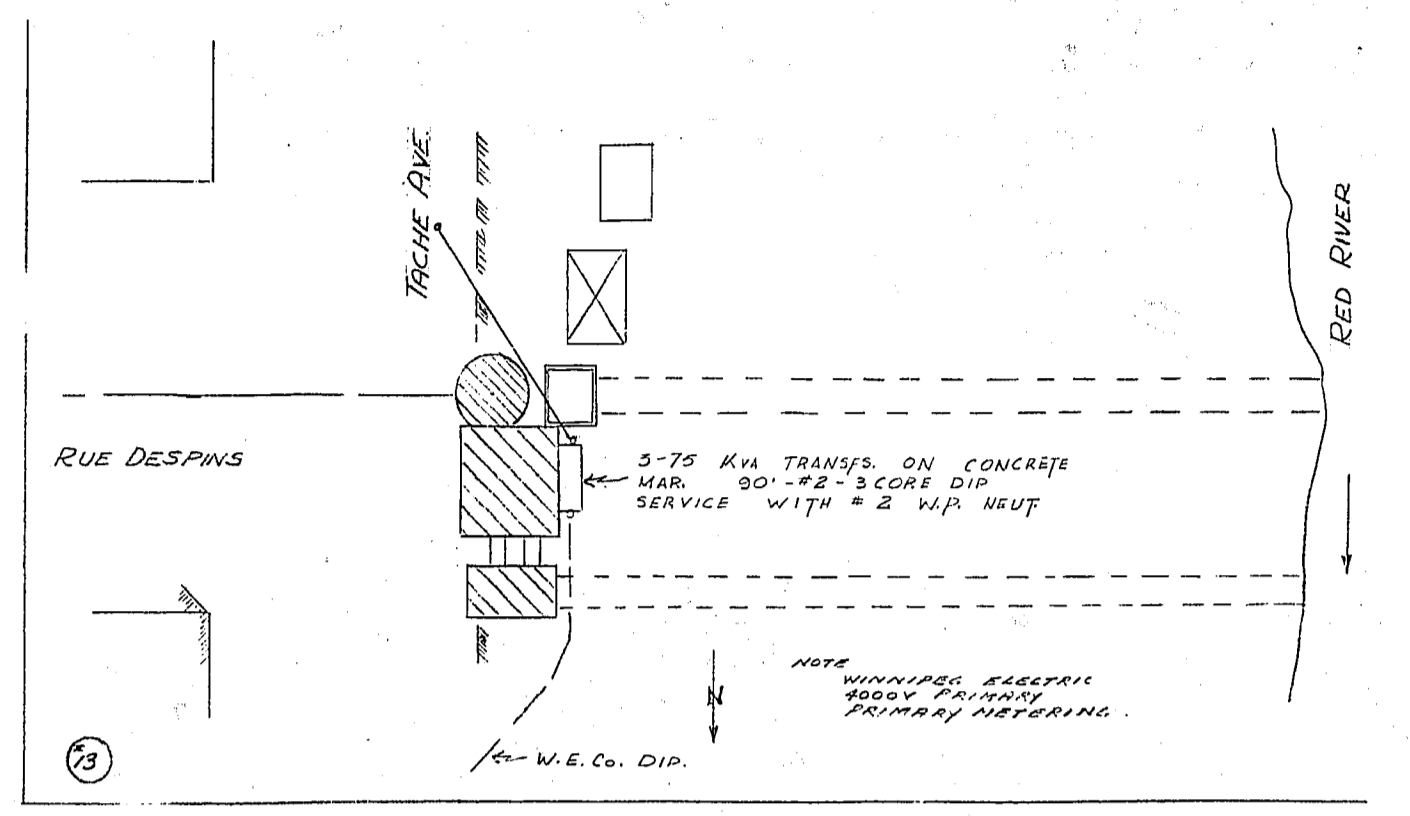
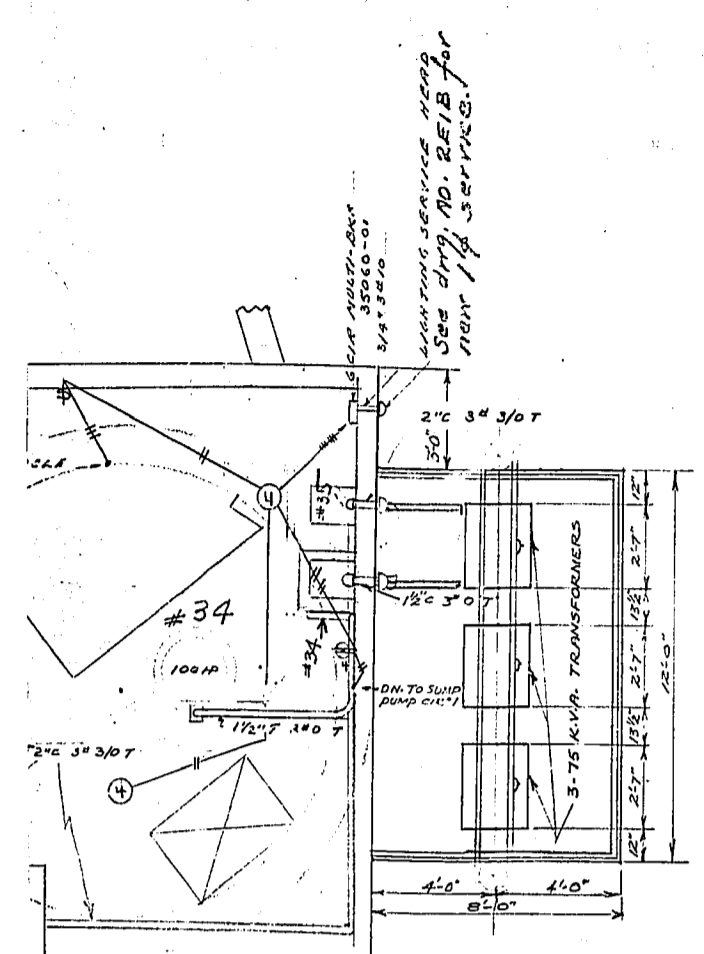
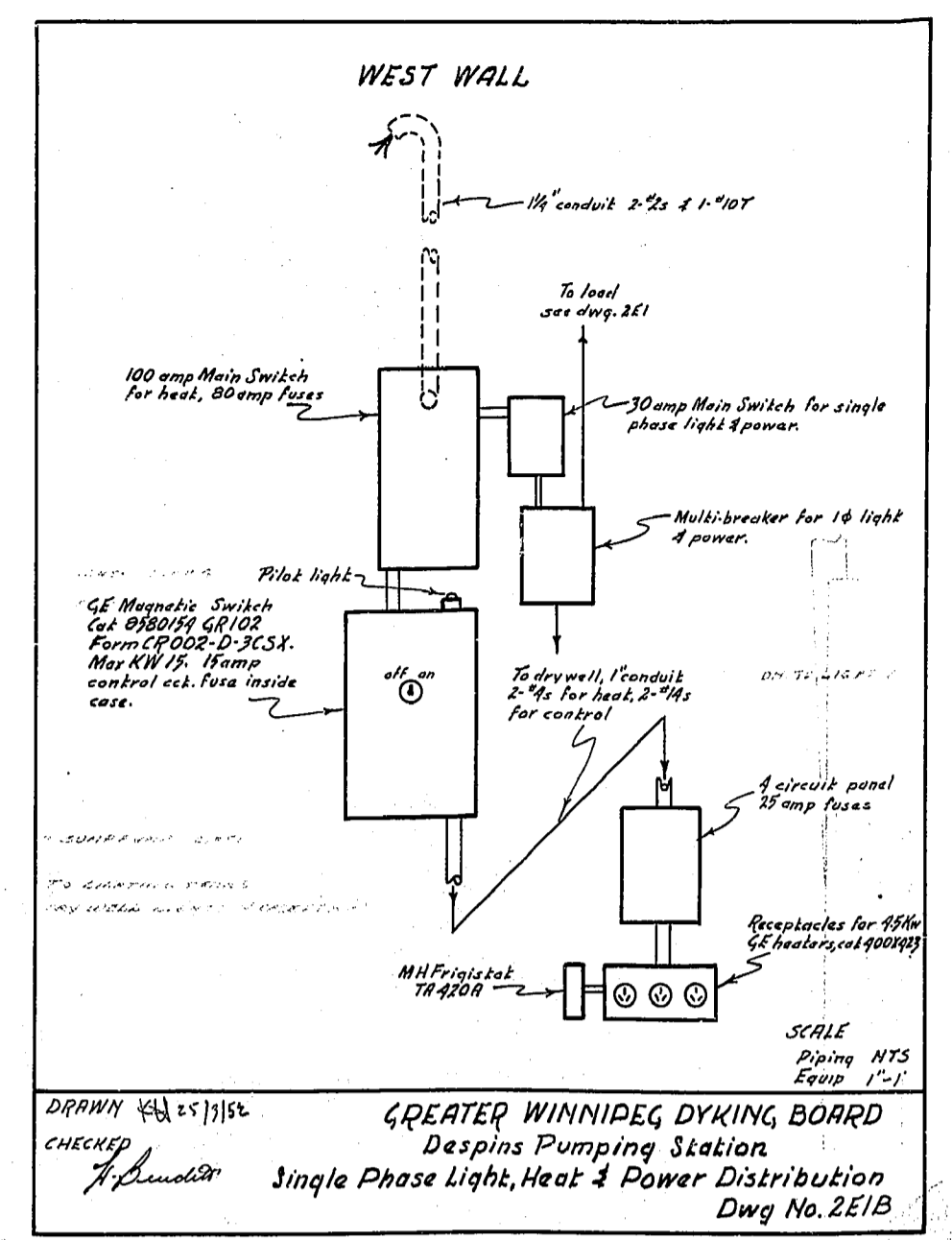
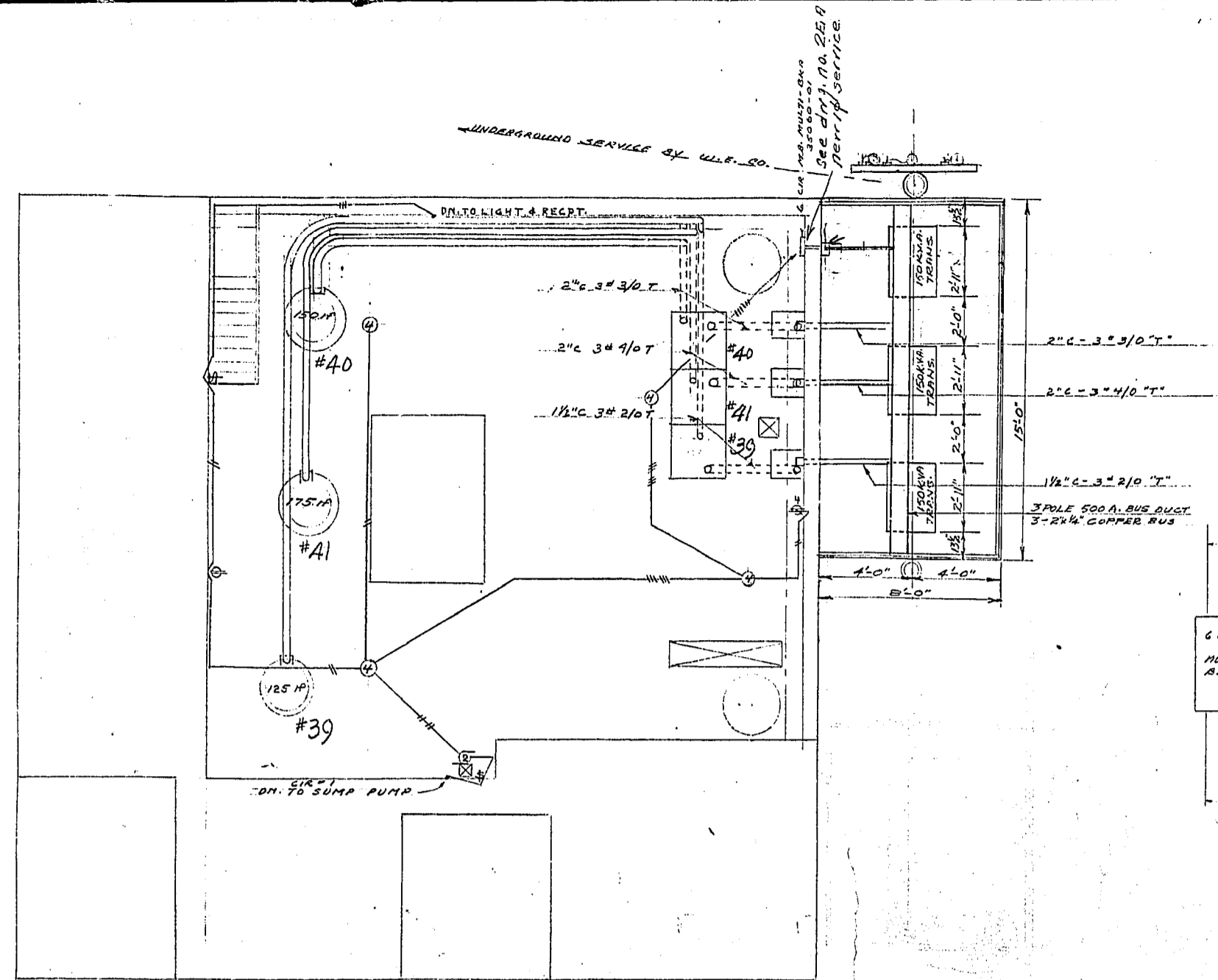
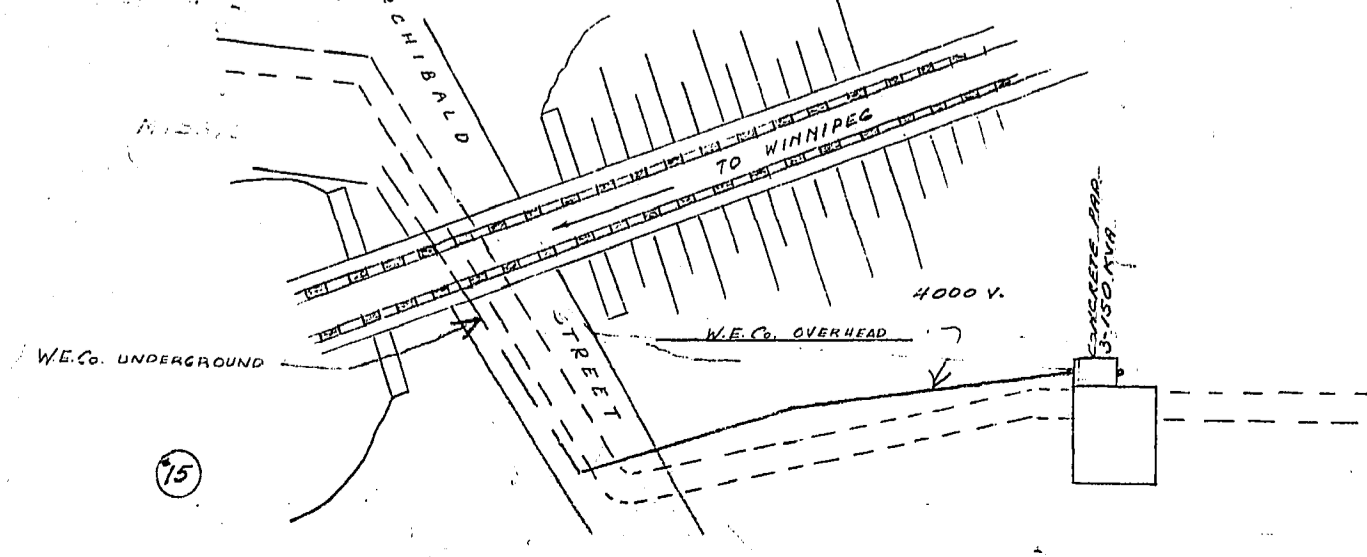


APPENDIX B – MISSION FLOOD PUMPING STATION HISTORICAL DRAWINGS



NOTES:
CORRECT SWITCH BY ENTRANCE DOORS TO CONTROL MOTOR FLOOR LIGHTS.



REVISION	DATE	DESCRIPTION	BY	APPROV.
1	2/5/51	SCALE ADDED	C.H.T.	
2	4/5/51	CHANGED SIZE OF CONCRETE DWT. AT BOTH STATIONS CORRECTED TRANS. STRUCTURE FOR MISSING TO CORRECT WITH ORIGINAL TYPE TRANS. STRUCTURE TO CORRECT WITH ORIGINAL TYPE TRANS. STRUCTURE	RM	
3	2/1/51	Corrected as indicated	[Signature]	
4	2/1/51	Note under 1st revision	[Signature]	

GREATER WINNIPEG DYKING BOARD
221 OS. ONE ST. N. WINNIPEG, MANITOBA

MISSION ST. & RUE DESPINS
PUMPING STATIONS
ELECTRICAL LAYOUT

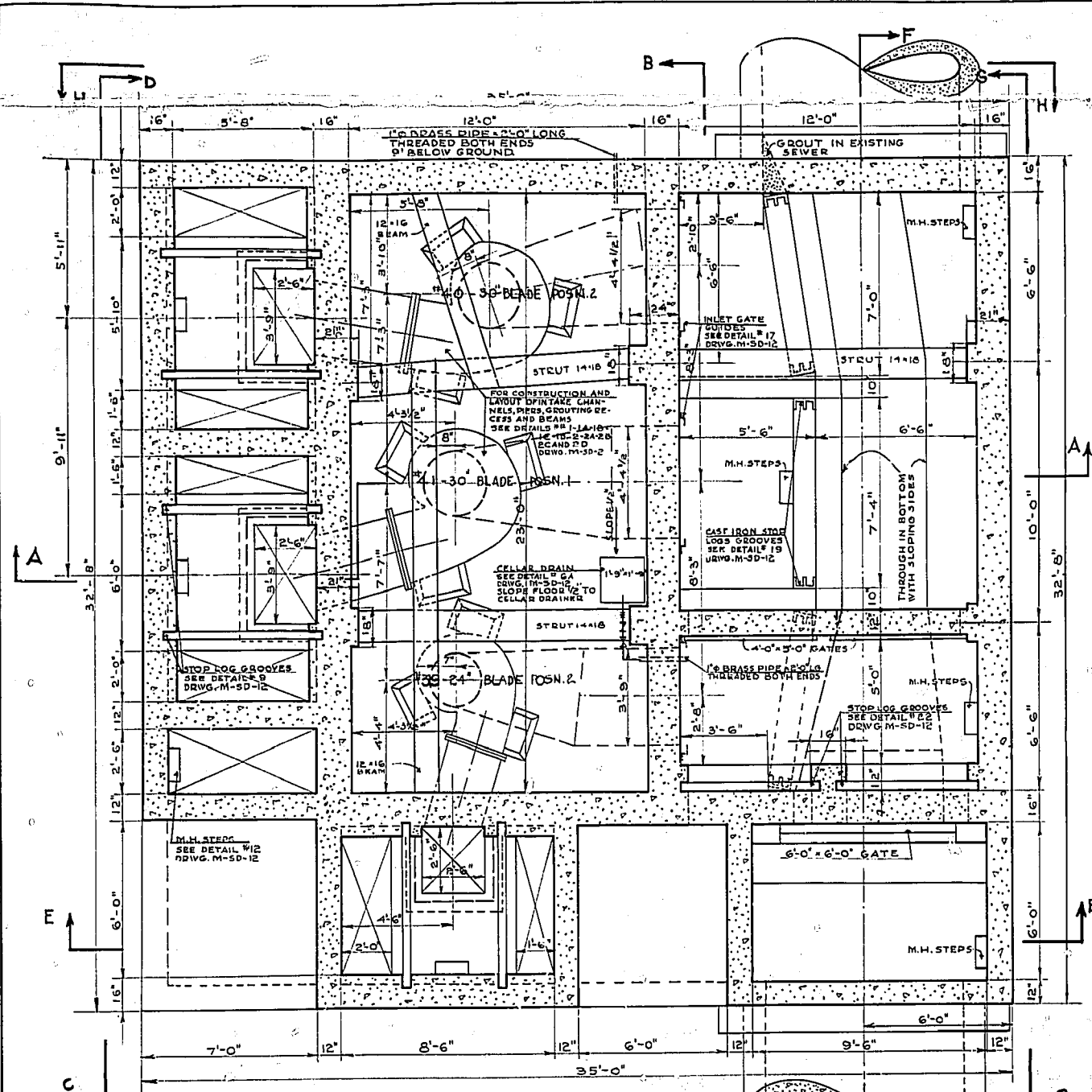
SCALE: _____

DRAWN BY: _____ DATE: _____

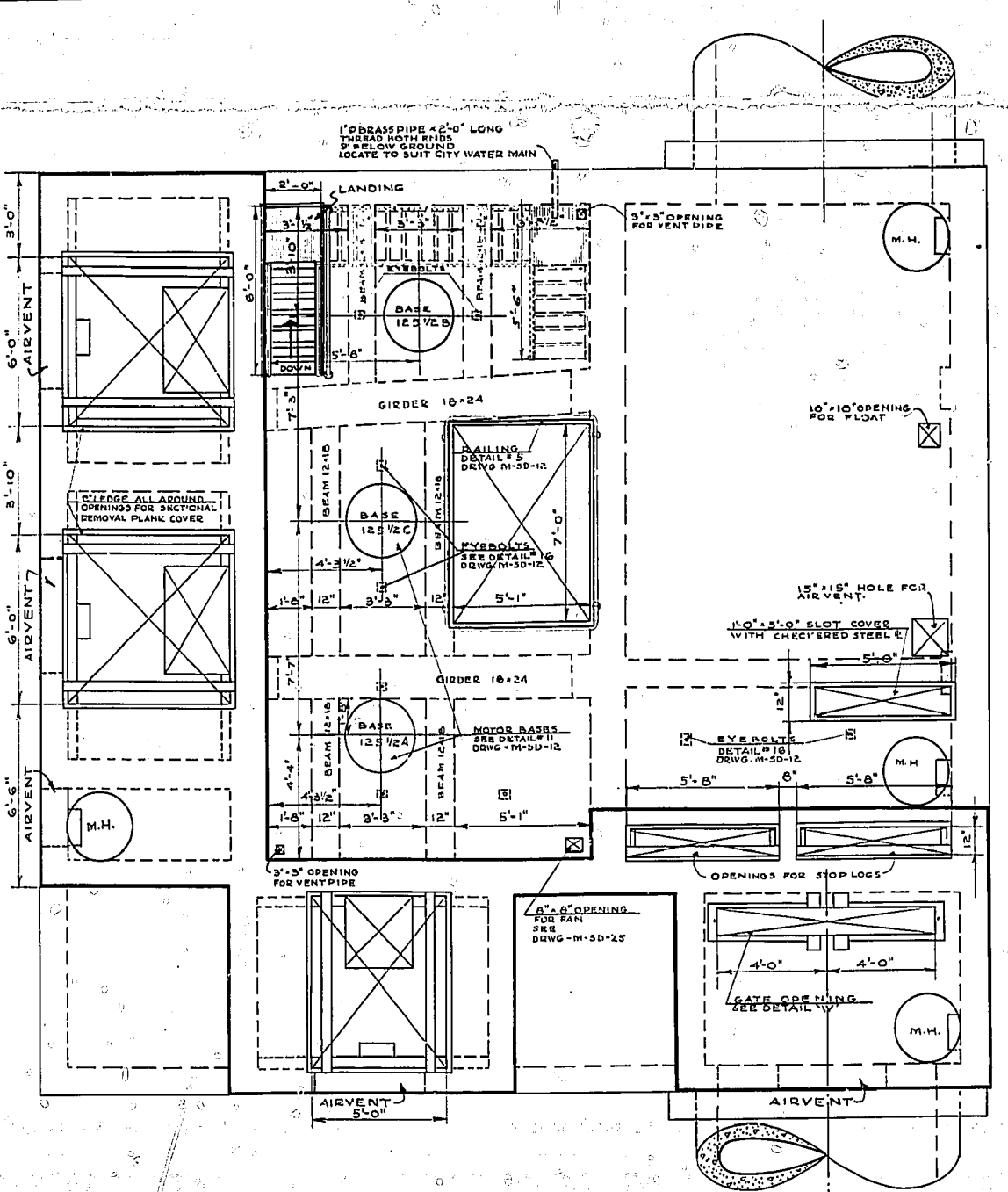
CHECKED BY: _____ DATE: _____

APPROVED BY: [Signature]

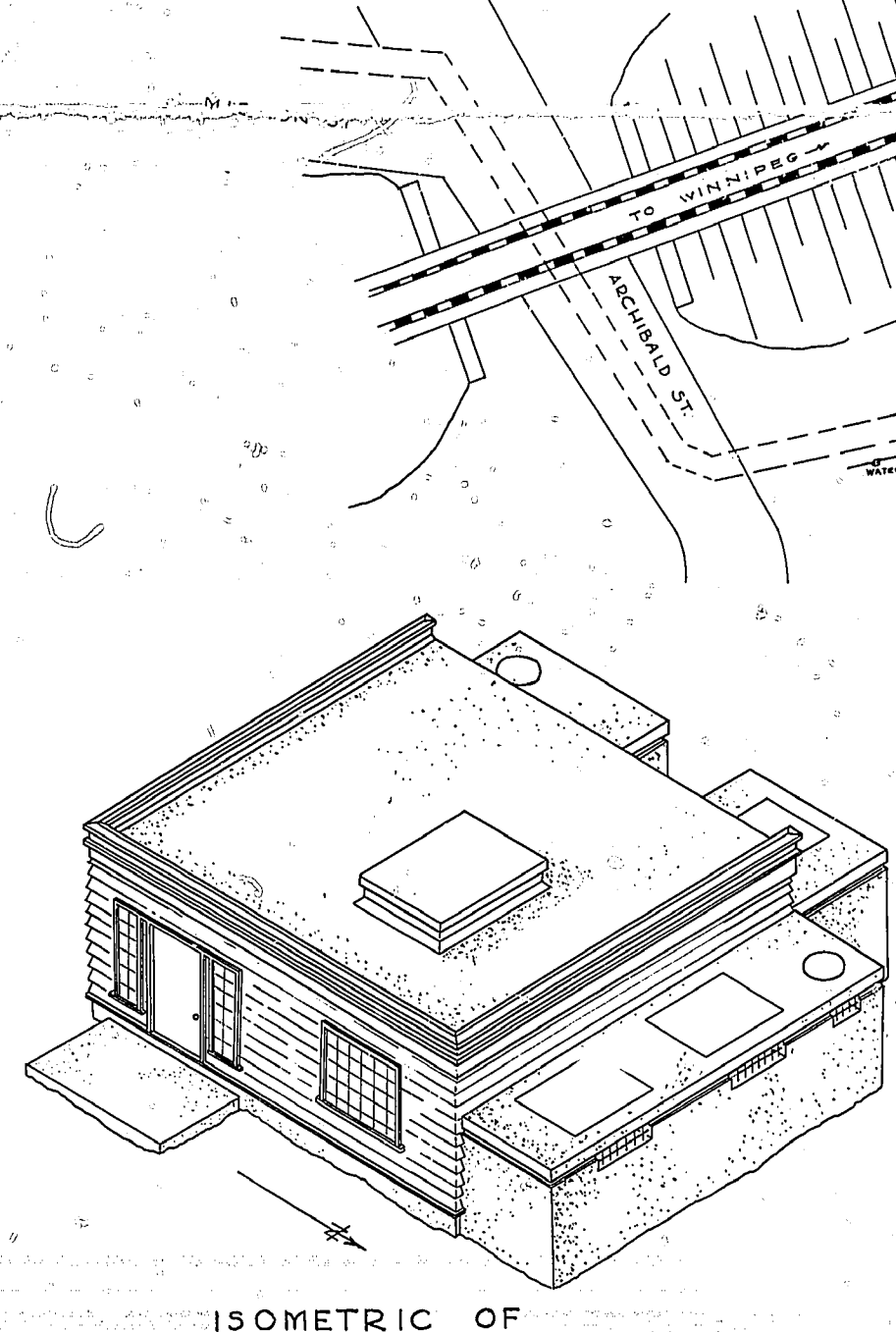
DRG. No. 2-E-1



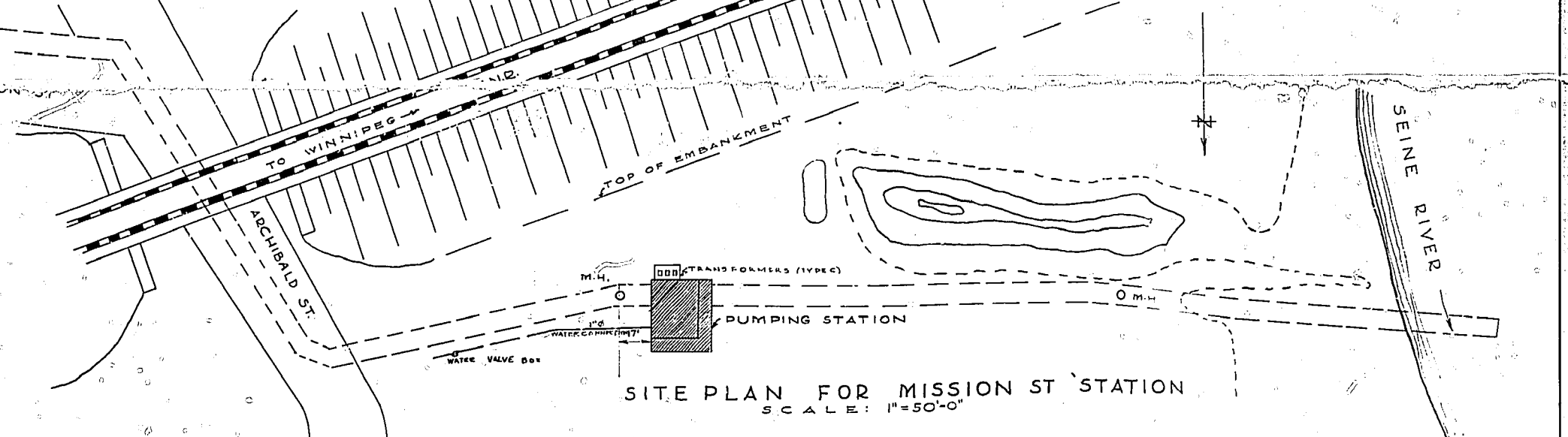
SECTION 'X-X'
SCALE: 1/4" = 1'-0"



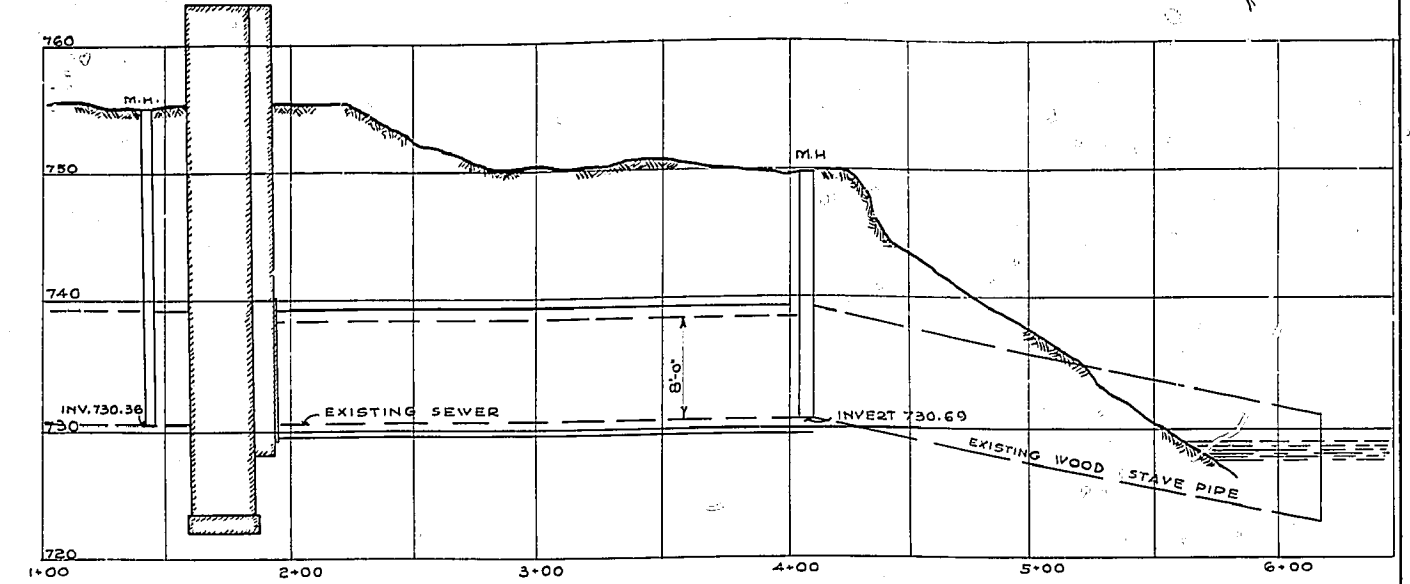
PLAN OF MOTOR FLOOR
SCALE: 1/4" = 1'-0"



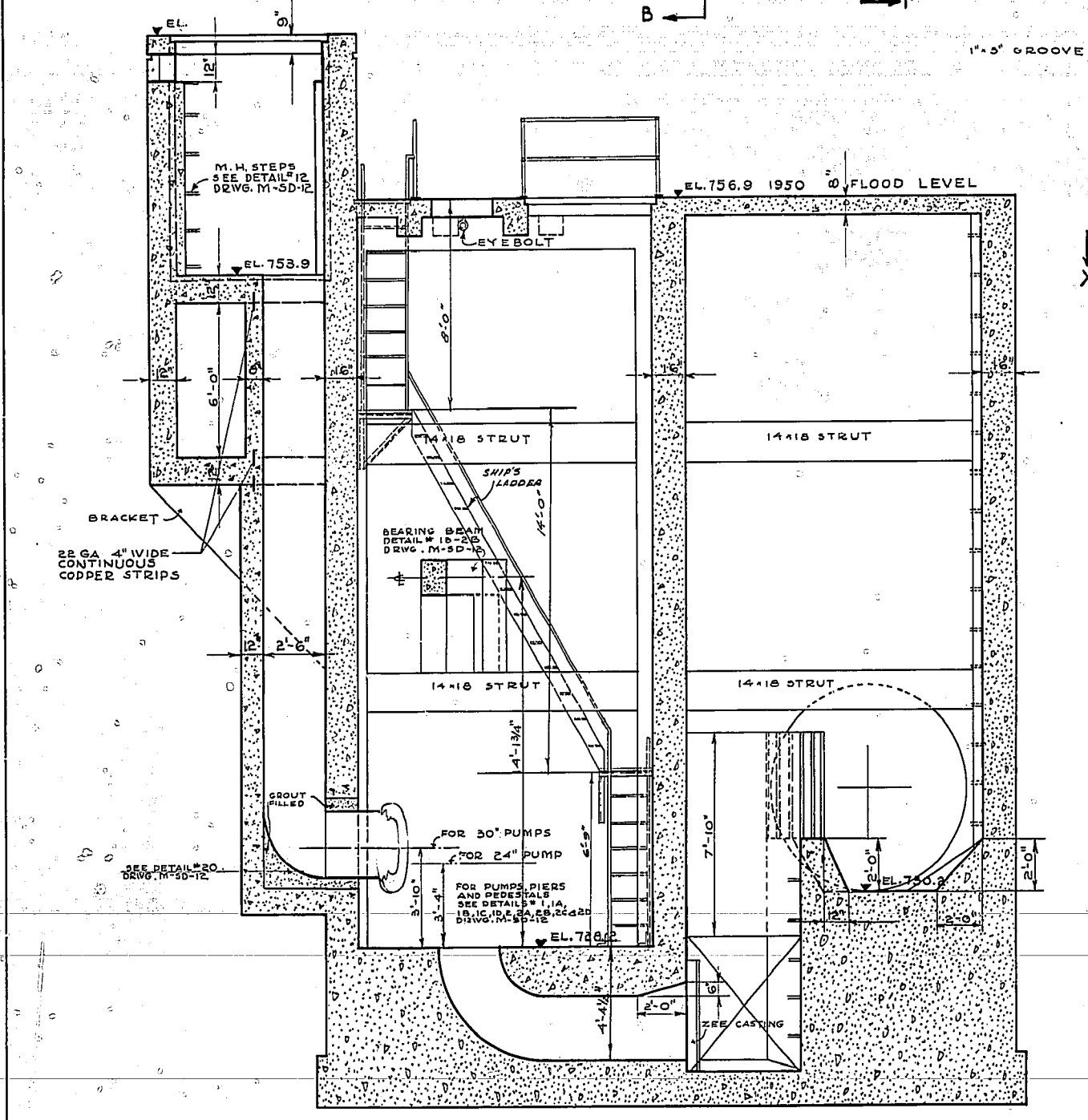
ISOMETRIC OF SUPERSTRUCTURE
SCALE: 1/8" = 1'-0"



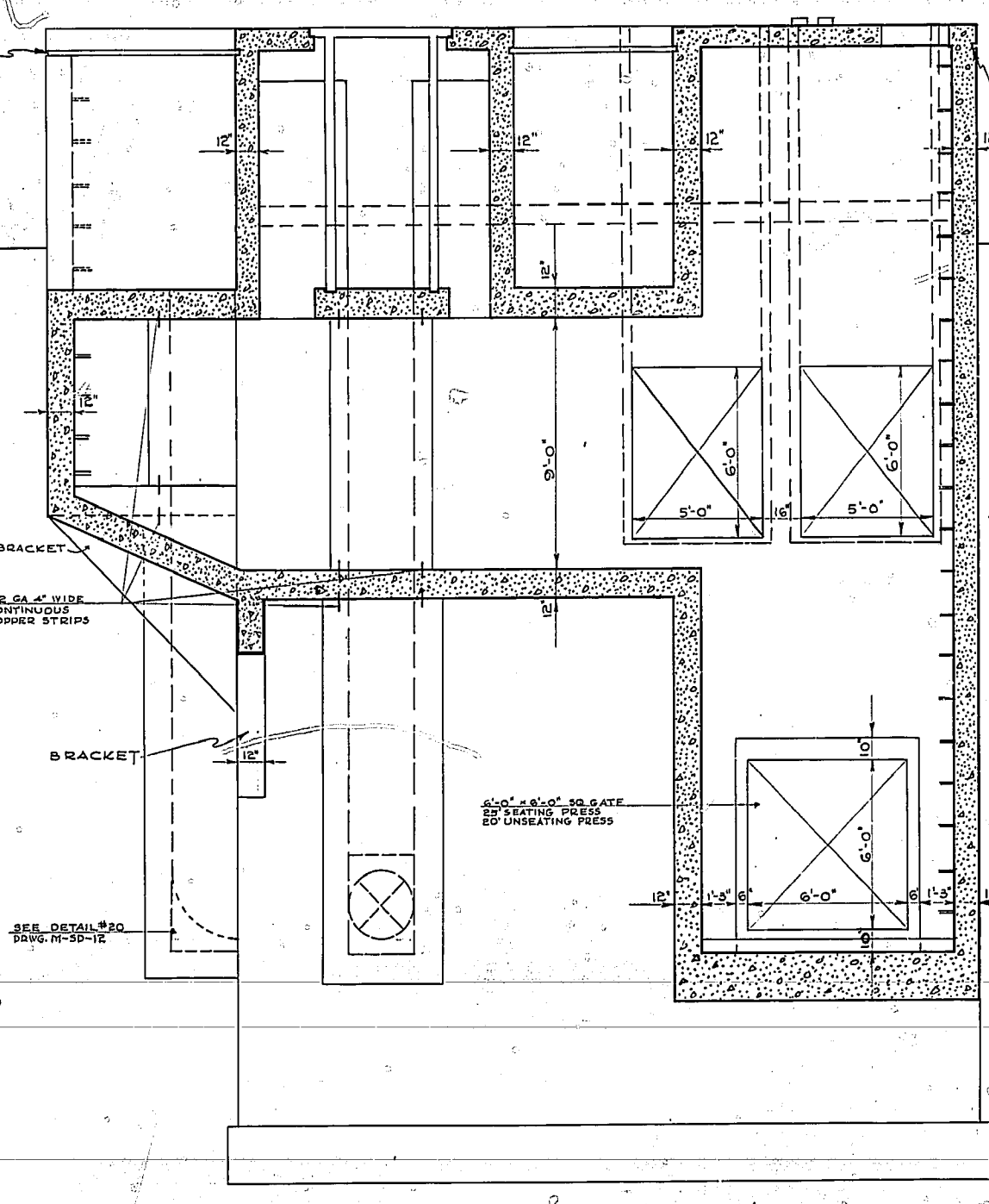
SITE PLAN FOR MISSION ST STATION
SCALE: 1" = 50'-0"



PROFILE ALONG E OF EXISTING SEWER
SCALE: HOR. 1" = 50'-0"
VERT. 1" = 10'-0"

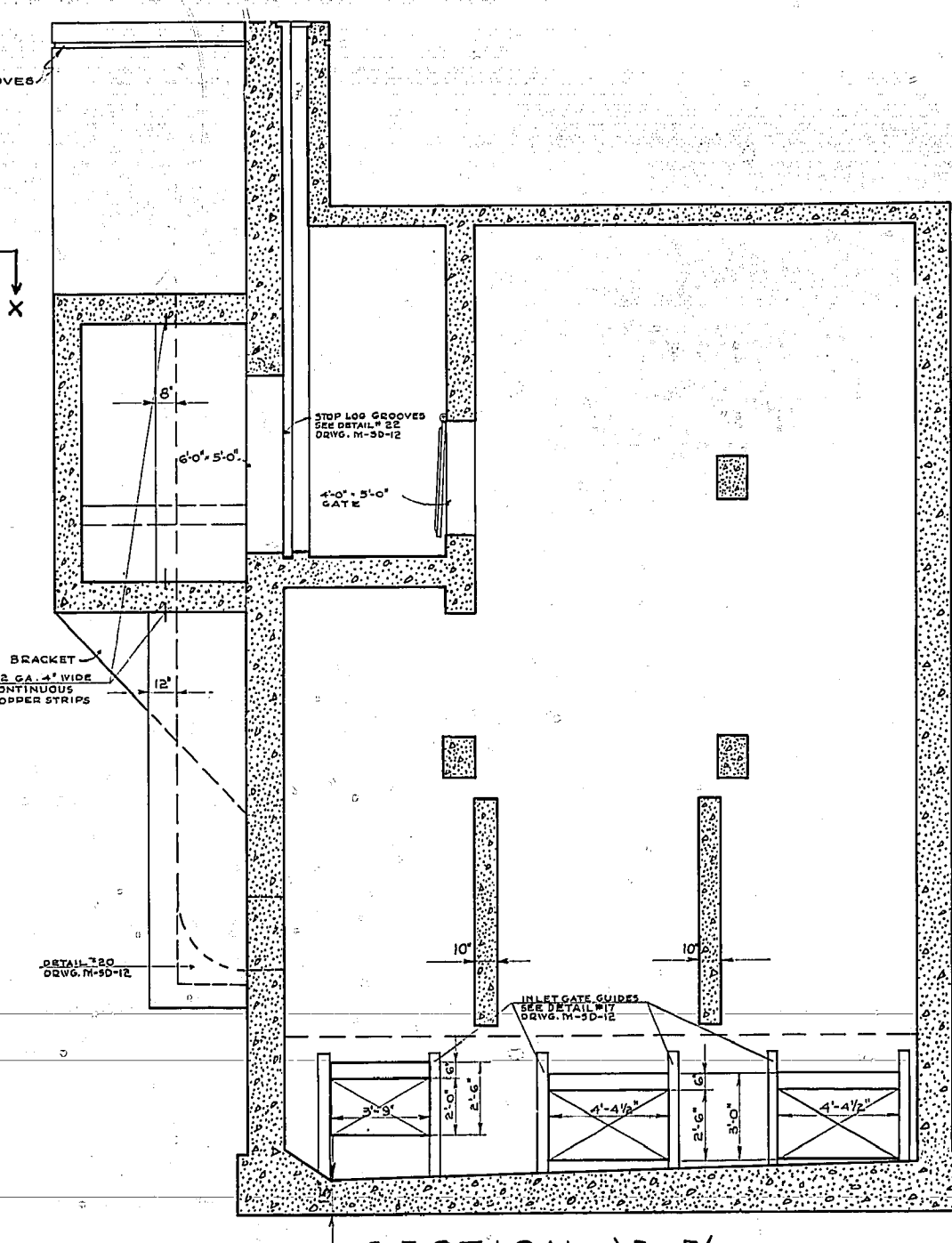


SECTION 'A-A'

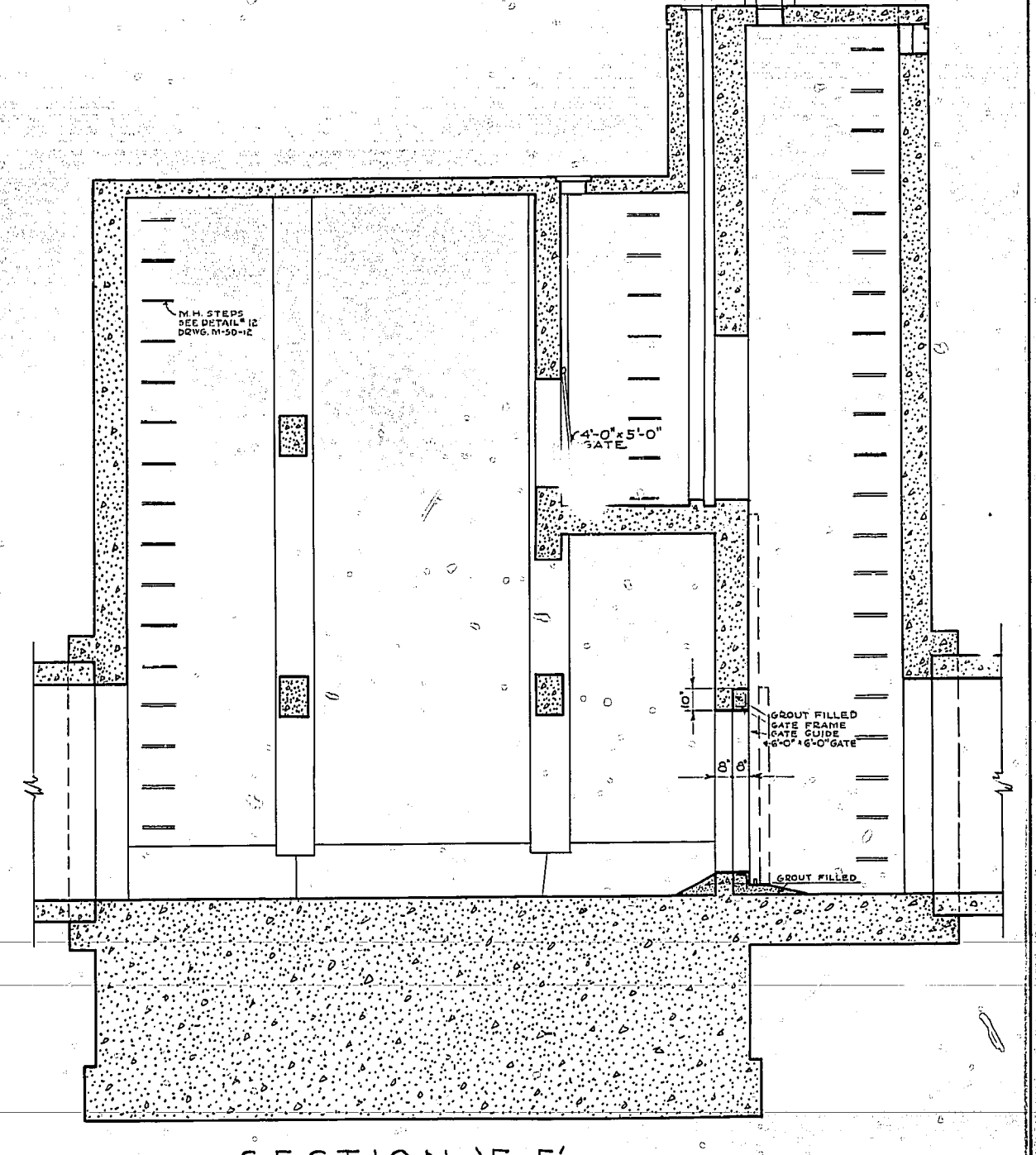


SECTION 'E-E'

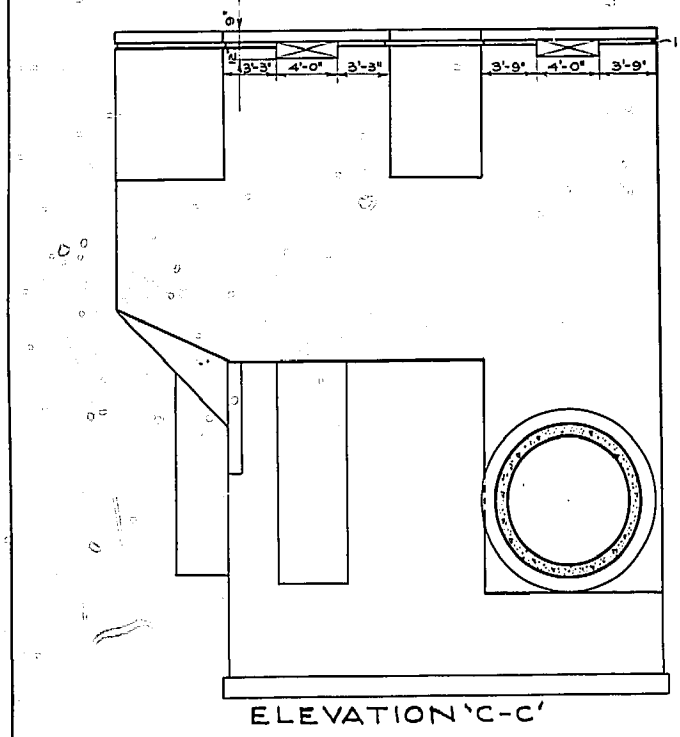
SCALE: 1/4" = 1'-0"



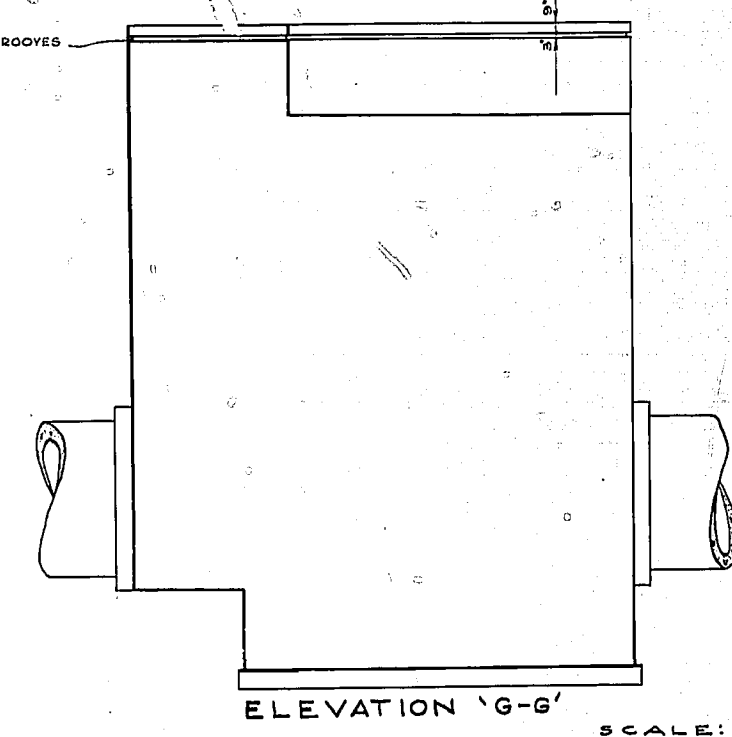
SECTION 'B-B'



SECTION 'F-F'

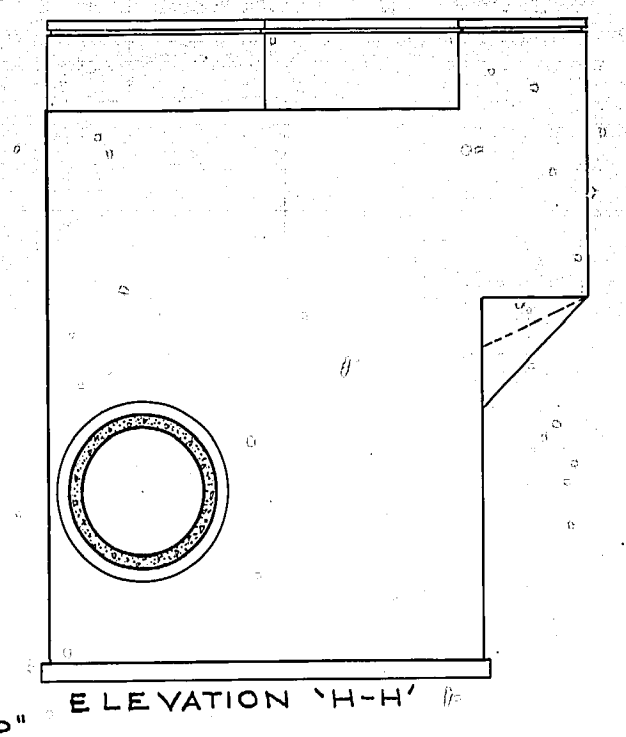


ELEVATION 'C-C'

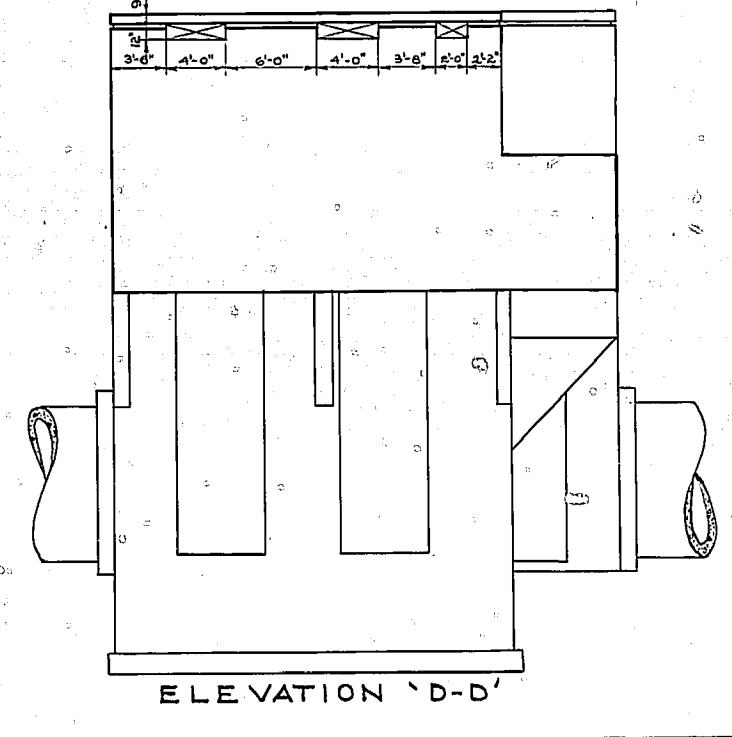


ELEVATION 'G-G'

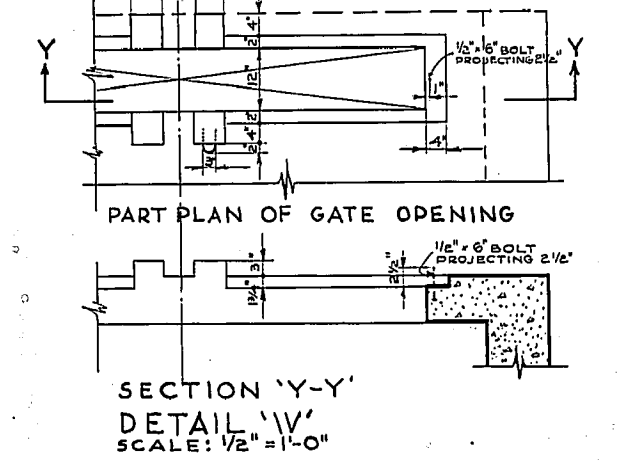
SCALE: 1/8" = 1'-0"



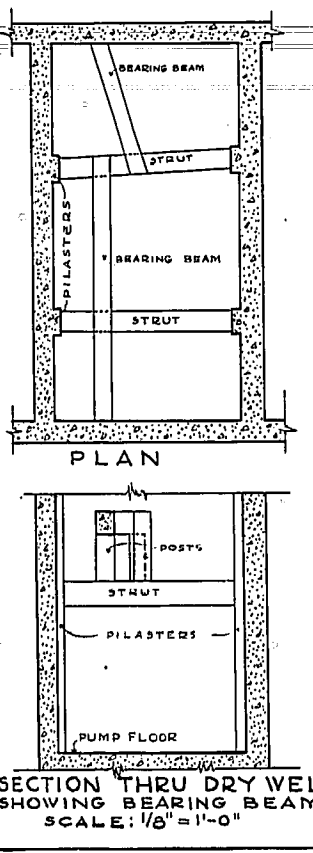
ELEVATION 'H-H'



ELEVATION 'D-D'

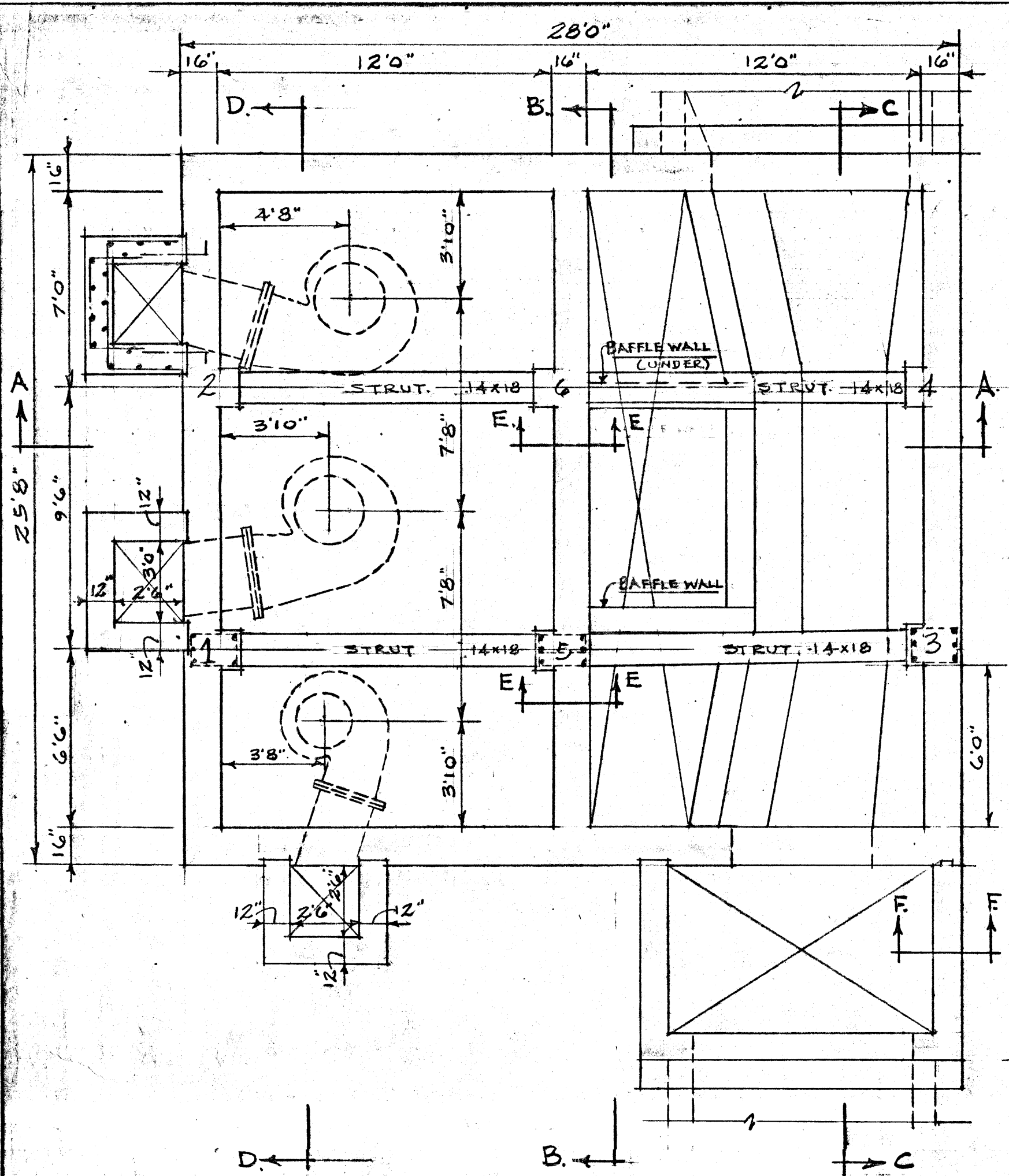


SECTION 'Y-Y'
DETAIL 'W'
SCALE: 1/2" = 1'-0"

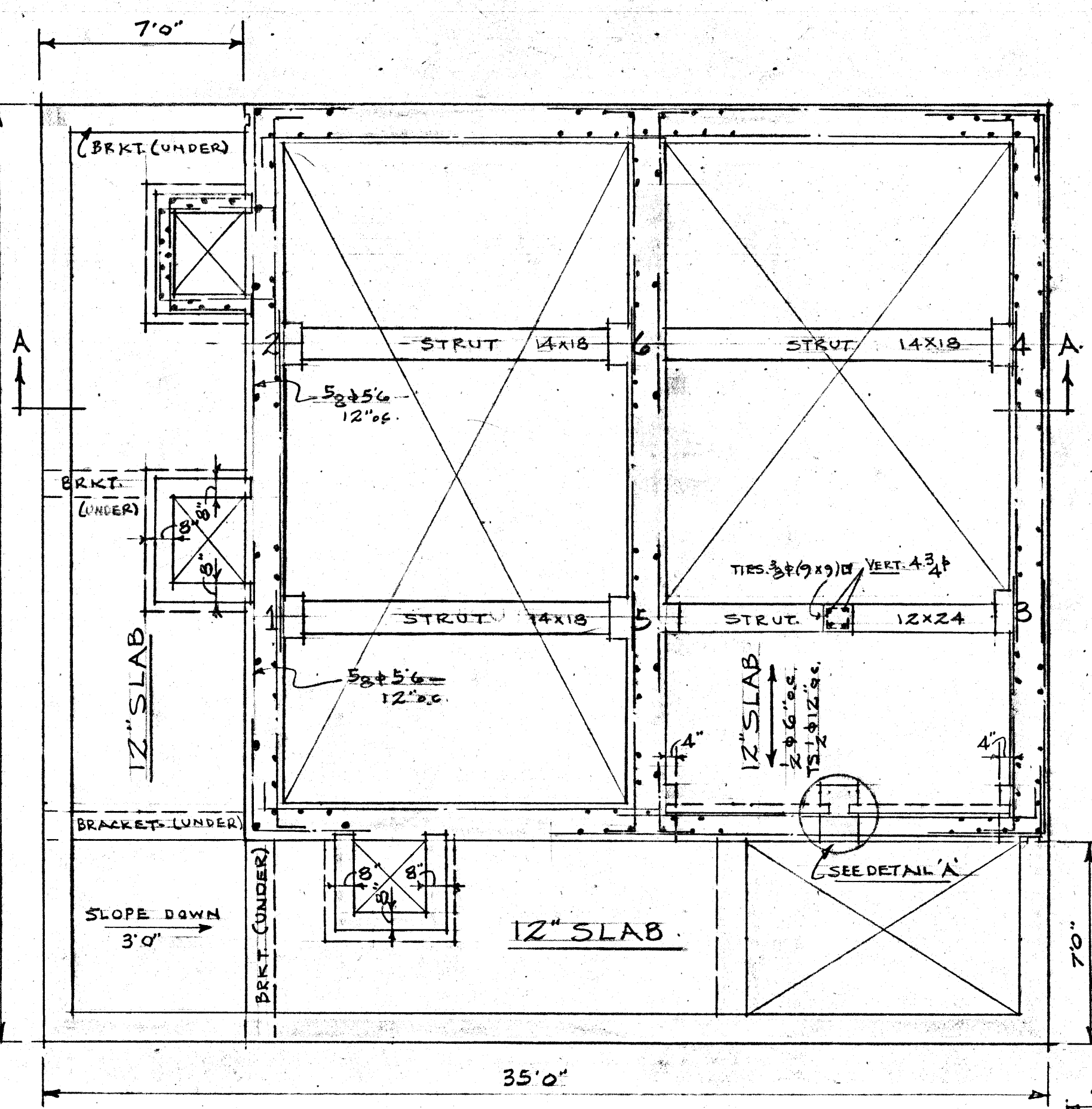


SECTION THRU DRY WELL
SHOWING BEARING BEAMS
SCALE: 1/8" = 1'-0"

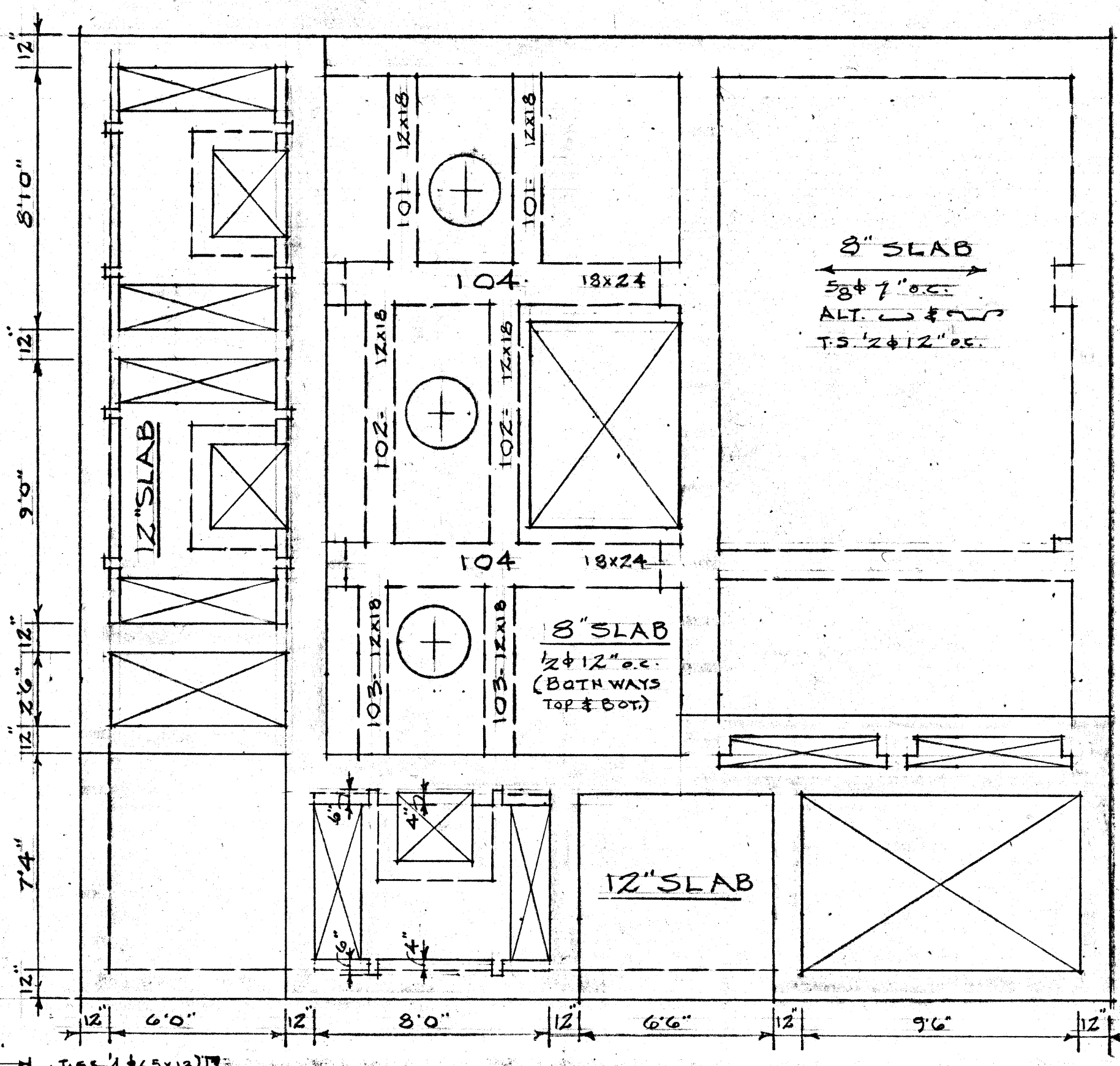
GREATER WINNIPEG DYKING BOARD 221 OSBORNE ST. N. WINNIPEG, MANITOBA			
MISSION ST PUMPING STATION			
SCALE: 1/4" = 1'-0" OR AS SHOWN	SHEET No. 1 OF 2 SHEETS		
DESIGNED BY: J.T.	DATE: 7/21/51	APPROVED: [Signature]	DATE: 7/21/51
DRAWN BY: H.E.M.	DATE: 8/1/51		
TRACED BY: A.N.	DATE: 10/8/51		
CHECKED BY: [Signature]	DATE: 10/1/51	DRG. No 2-SD-6	



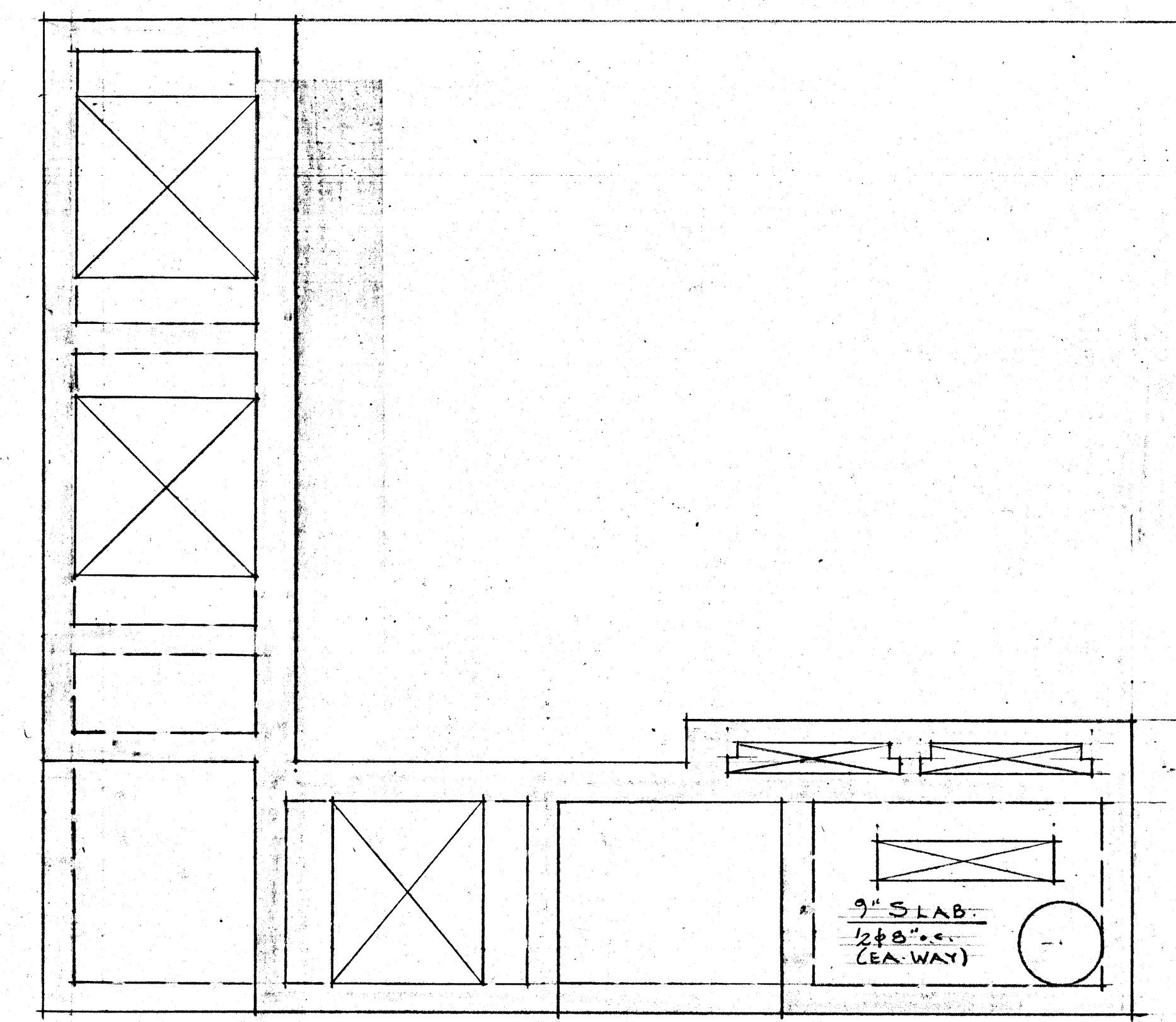
PLAN OF BOTTOM SLAB
1/4" SCALE



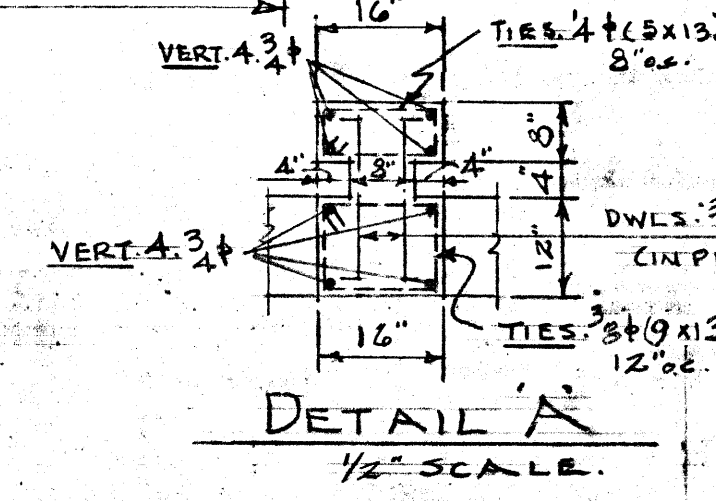
PLAN AT SECTION F-1
1/4" SCALE



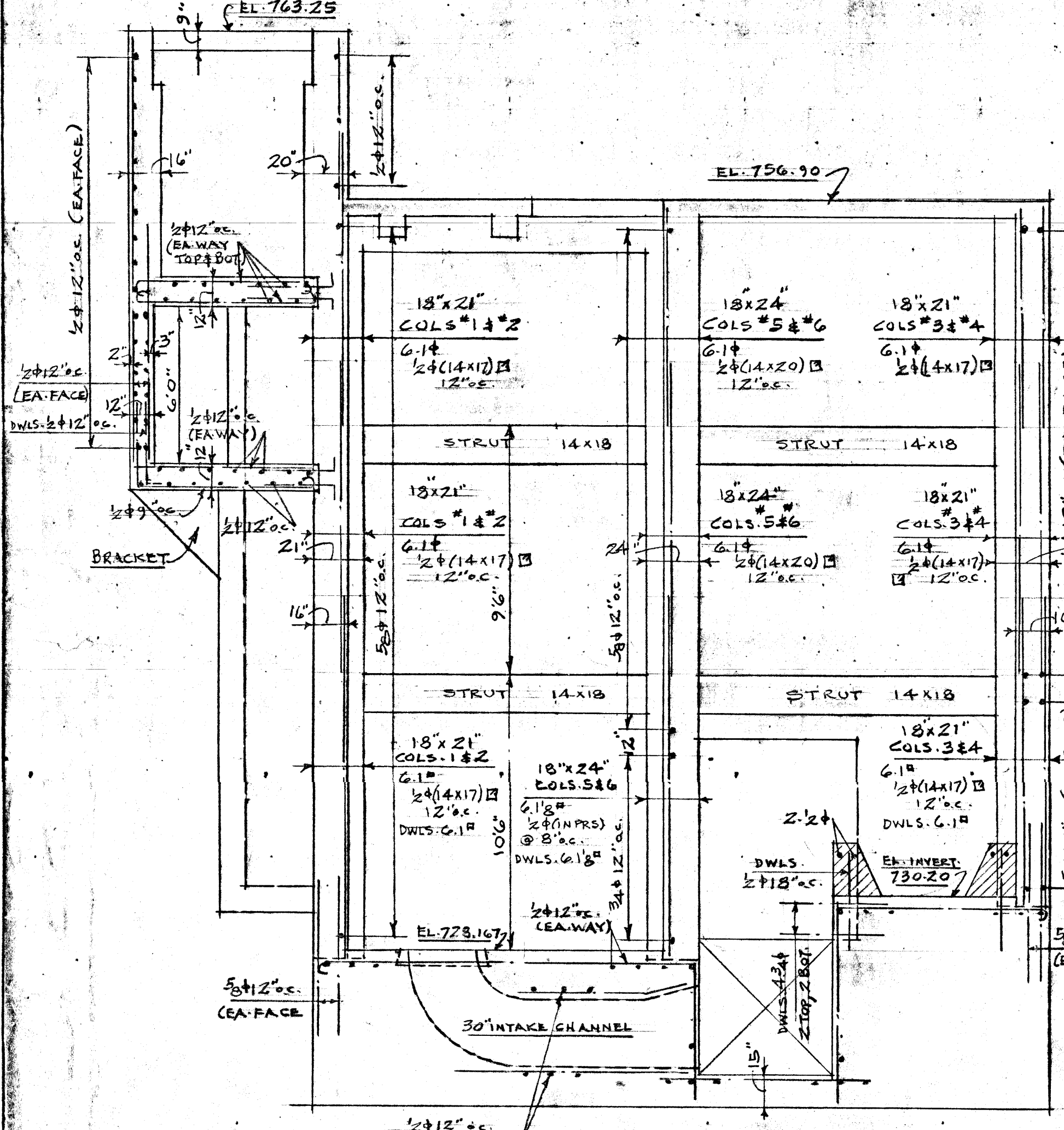
PLAN OF PUMP FLOOR SLAB
1/4" SCALE



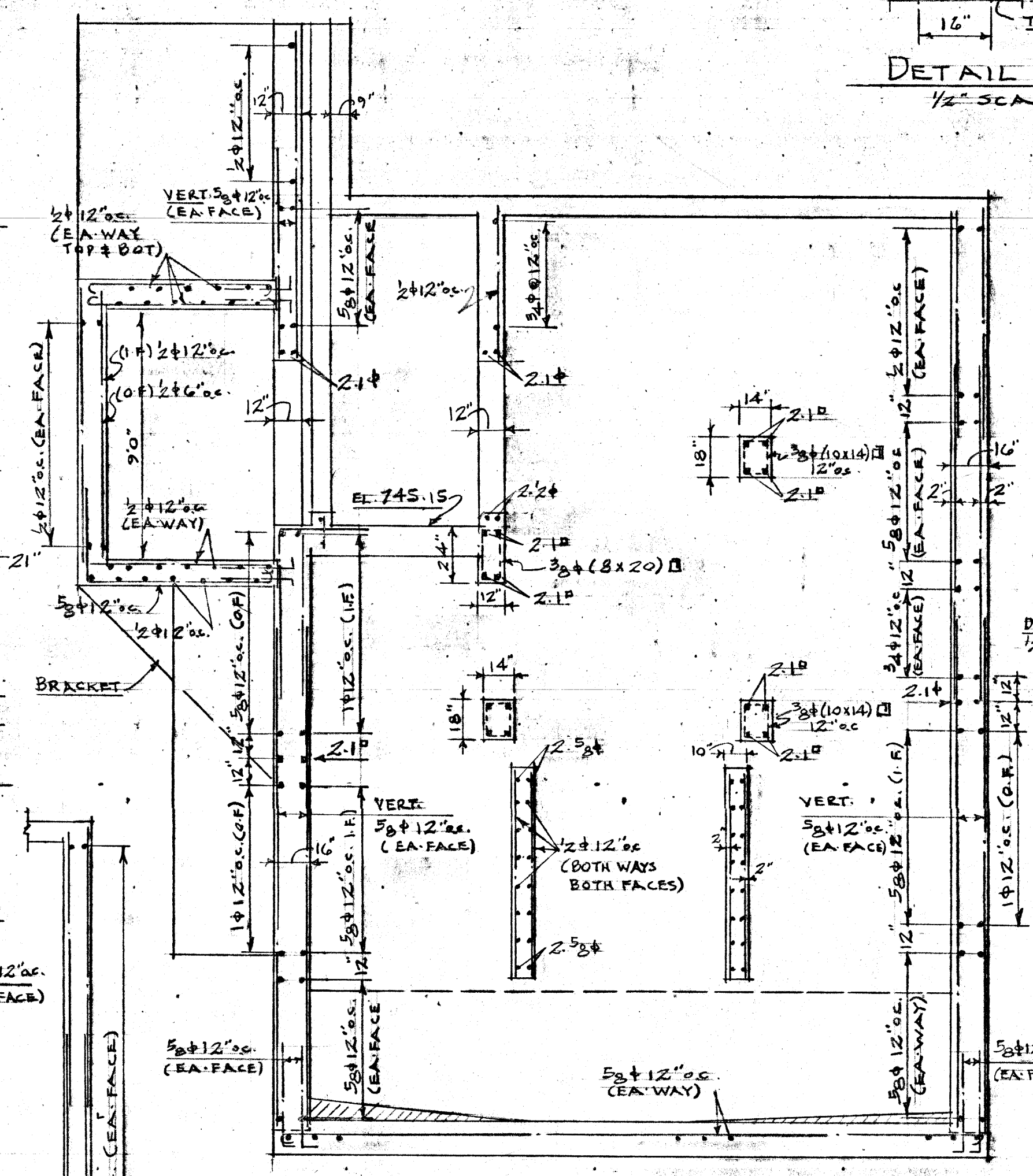
PLAN AT TOP OF DISCHARGE CHAMBER
1/4" SCALE



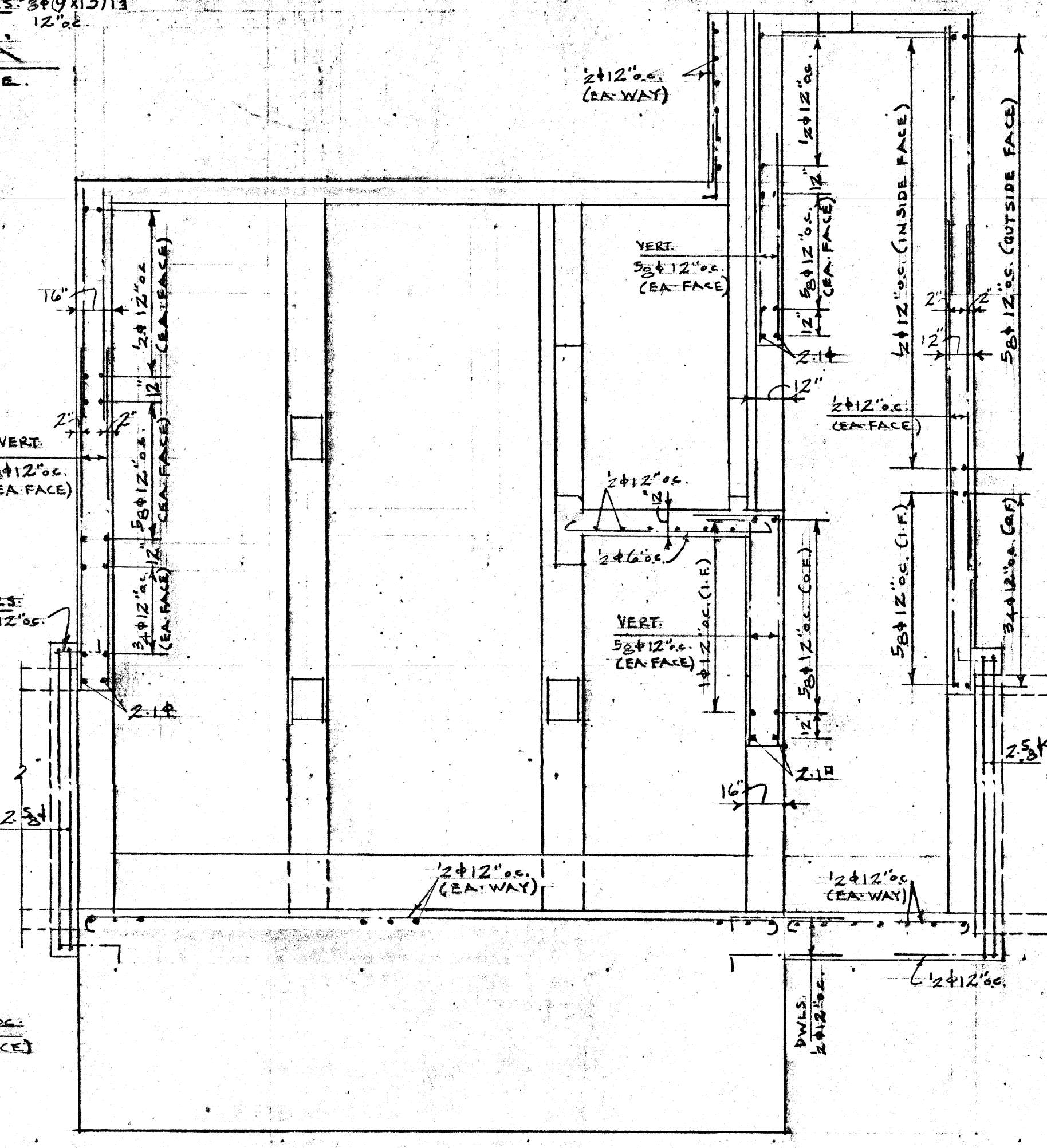
DETAIL A
1/2" SCALE



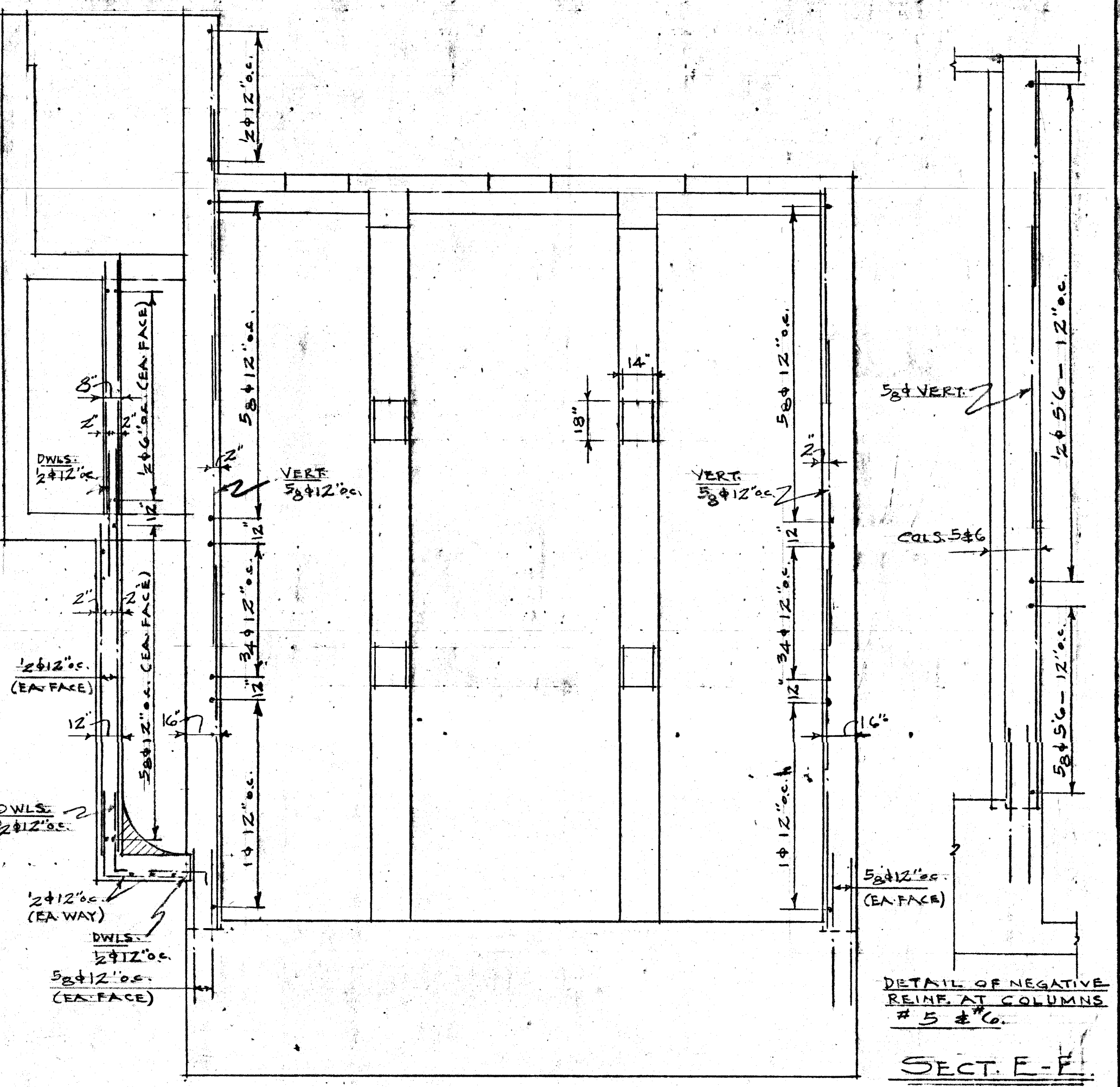
SECTION A-A
1/4" SCALE



SECTION B-B
1/4" SCALE

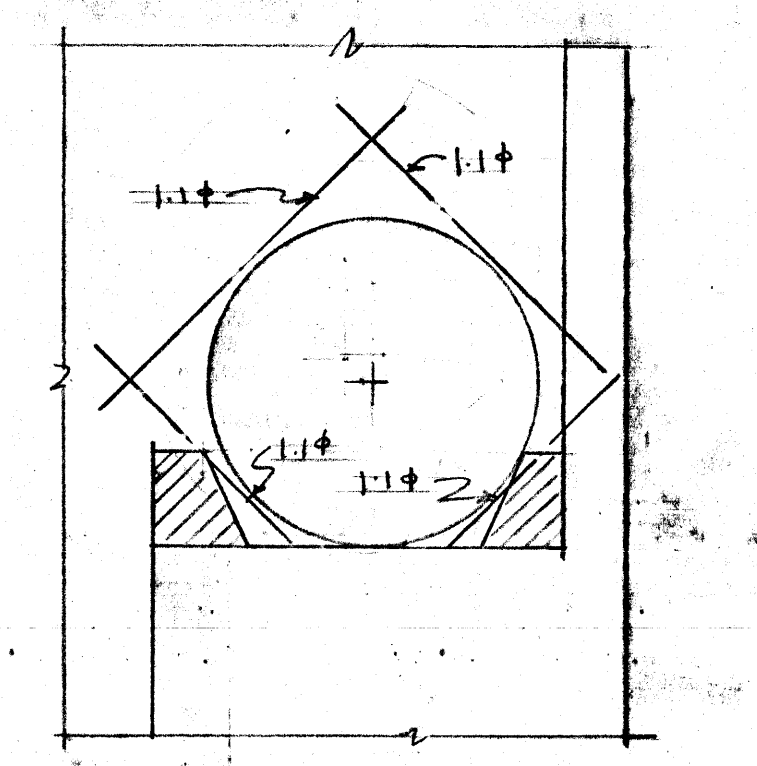


SECTION C-C
1/4" SCALE

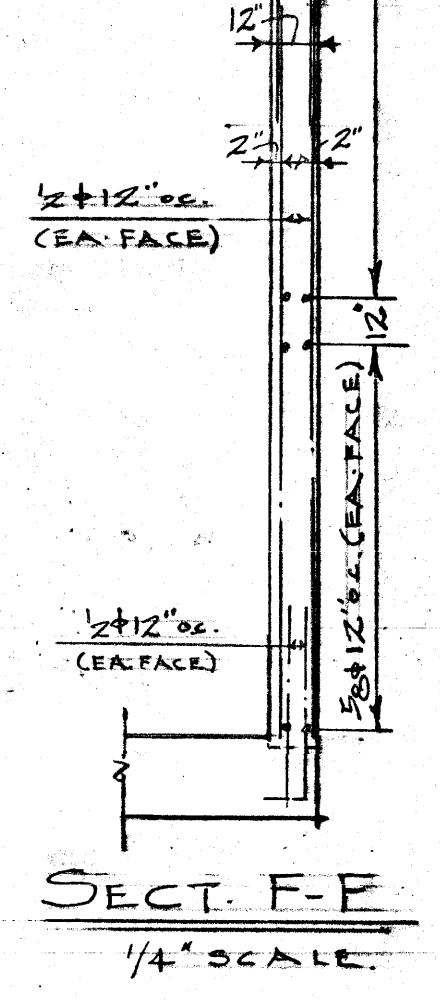


SECTION D-D
1/4" SCALE

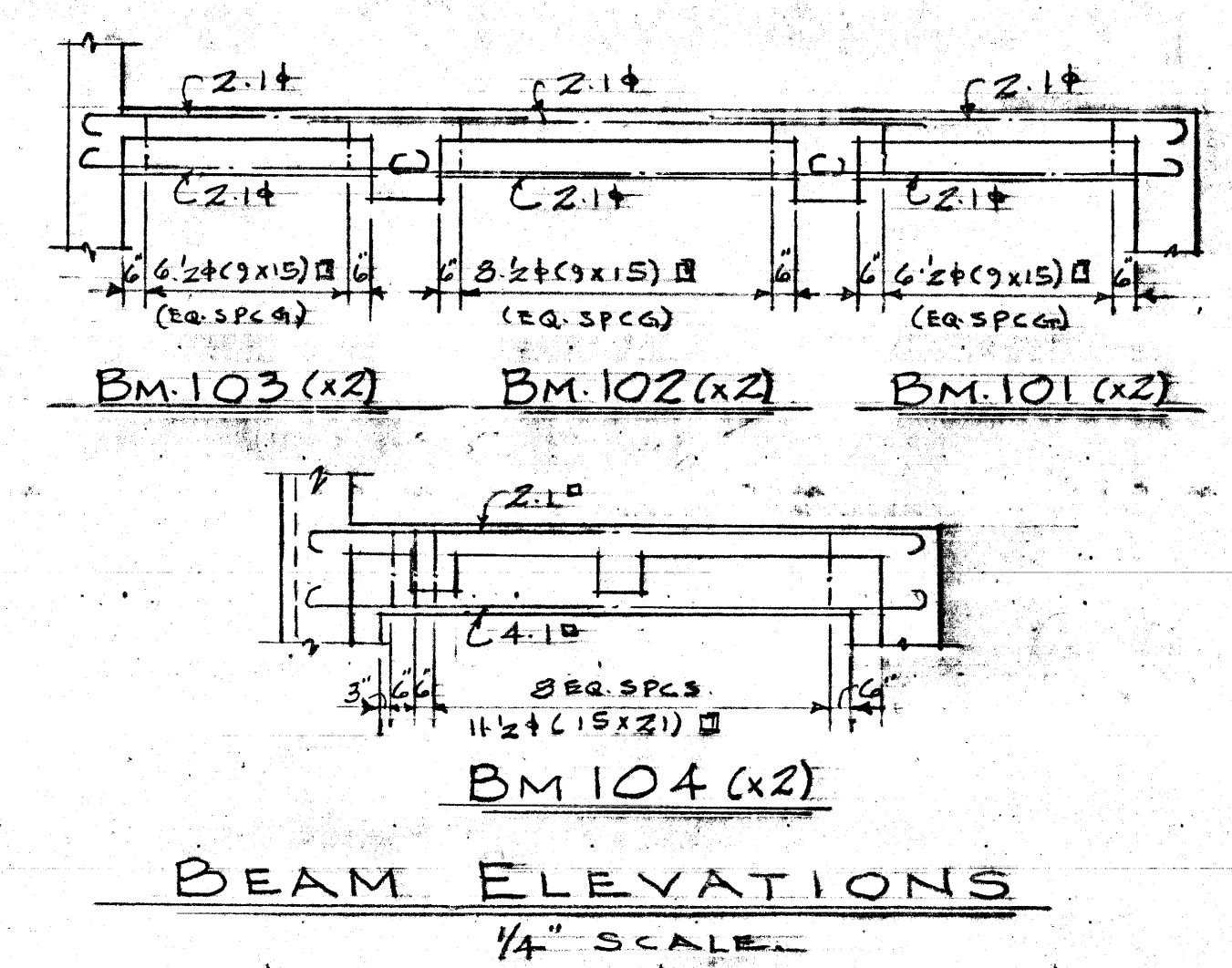
DETAIL OF NEGATIVE REINFORCING COLUMNS
1/4" SCALE



DETAIL OF EXTRA BARS AT SEWER OPENING
1/4" SCALE



SECT. F-F
1/4" SCALE



BEAM ELEVATIONS
1/4" SCALE

NOTE: WHERE DETAILS ON THIS DRAWING VARY FROM THOSE ON SHEET NO. 1, THE DETAILS SHOWN ON SHEET NO. 1 WILL BE USED.

REVISION	DATE	DESCRIPTION	BY

GREATER WINNIPEG DYKING BOARD
221 OSBORNE ST. N. WINNIPEG, MANITOBA

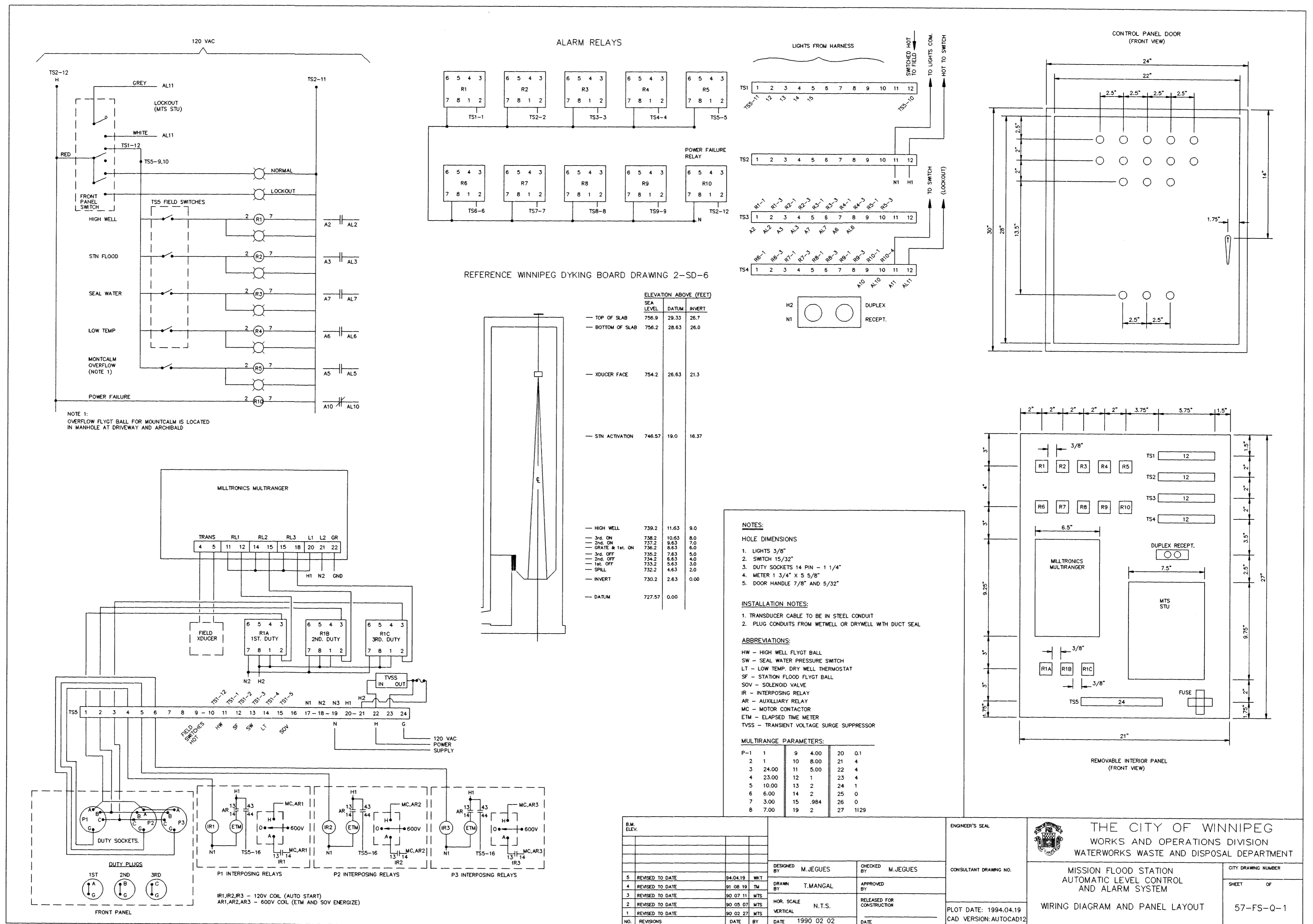
MISSION ST.
PUMPING STATION

COWIN & CO. LTD.
REINFORCED CONCRETE ENGINEERS
WINNIPEG, MAN.

SCALE: AS SHOWN
Drawn by: DATE: JAN. 51
Checked by: DATE: DRG. No. 2-SD 5-2

FILE # FP1068

REF. or DRAWING No. 57-FS-Q-1
 DETAILS
 file # FP10129



REFERENCE WINNIPEG DYKING BOARD DRAWING 2-SD-6

	ELEVATION ABOVE (FEET)		
	SEA LEVEL	DATUM	INVERT
TOP OF SLAB	756.9	29.33	26.7
BOTTOM OF SLAB	756.2	28.63	26.0
XDUCER FACE	754.2	26.63	21.3
STN ACTIVATION	746.57	19.0	16.37
HIGH WELL	739.2	11.63	9.0
3rd ON	738.2	10.63	8.0
2nd ON	737.2	9.63	7.0
GRATE & 1st ON	736.2	8.63	6.0
3rd OFF	735.2	7.63	5.0
2nd OFF	734.2	6.63	4.0
1st OFF	733.2	5.63	3.0
SPILL	732.2	4.63	2.0
INVERT	730.2	2.63	0.00
DATUM	727.57	0.00	

- NOTES:**
- HOLE DIMENSIONS**
- LIGHTS 3/8"
 - SWITCH 15/32"
 - DUTY SOCKETS 14 PIN - 1 1/4"
 - METER 1 3/4" X 5 5/8"
 - DOOR HANDLE 7/8" AND 5/32"
- INSTALLATION NOTES:**
- TRANSDUCER CABLE TO BE IN STEEL CONDUIT
 - PLUG CONDUITS FROM WETWELL OR DRYWELL WITH DUCT SEAL
- ABBREVIATIONS:**
- HW - HIGH WELL FLYGT BALL
 - SW - SEAL WATER PRESSURE SWITCH
 - LT - LOW TEMP. DRY WELL THERMOSTAT
 - SF - STATION FLOOD FLYGT BALL
 - SOV - SOLENOID VALVE
 - IR - INTERPOSING RELAY
 - AR - AUXILIARY RELAY
 - MC - MOTOR CONTACTOR
 - ETM - ELAPSED TIME METER
 - TVSS - TRANSIENT VOLTAGE SURGE SUPPRESSOR

MULTIRANGE PARAMETERS:

P-1	1	9	4.00	20	0.1
2	1	10	8.00	21	4
3	24.00	11	5.00	22	4
4	23.00	12	1	23	4
5	10.00	13	2	24	1
6	6.00	14	2	25	0
7	3.00	15	.984	26	0
8	7.00	19	2	27	1129

NO.	REVISIONS	DATE	BY	DATE	1990 02 02	DATE
5	REVISED TO DATE	94.04.19	MKT			
4	REVISED TO DATE	91.08.19	TM			
3	REVISED TO DATE	90.07.11	MTS			
2	REVISED TO DATE	90.05.07	MTS			
1	REVISED TO DATE	90.02.27	MTS			

ENGINEER'S SEAL

CONSULTANT DRAWING NO.

PLOT DATE: 1994.04.19
CAD VERSION: AUTOCAD12

DESIGNED BY: M. JEGUES
CHECKED BY: M. JEGUES

DRAWN BY: T. MANGAL
APPROVED BY:

HOR. SCALE: N.T.S.
VERTICAL: RELEASED FOR CONSTRUCTION

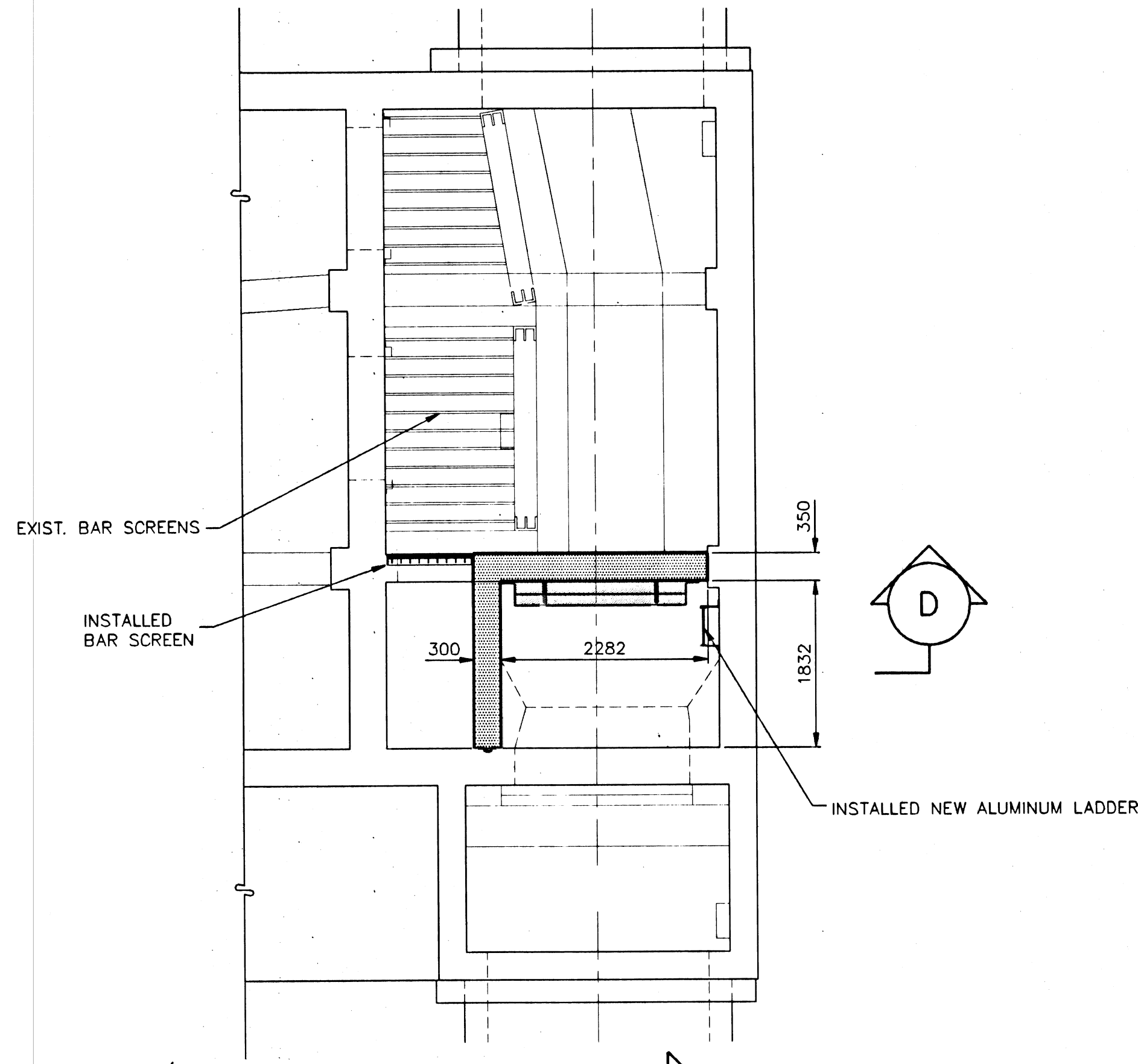
THE CITY OF WINNIPEG
WORKS AND OPERATIONS DIVISION
WATERWORKS WASTE AND DISPOSAL DEPARTMENT

MISSION FLOOD STATION
AUTOMATIC LEVEL CONTROL
AND ALARM SYSTEM

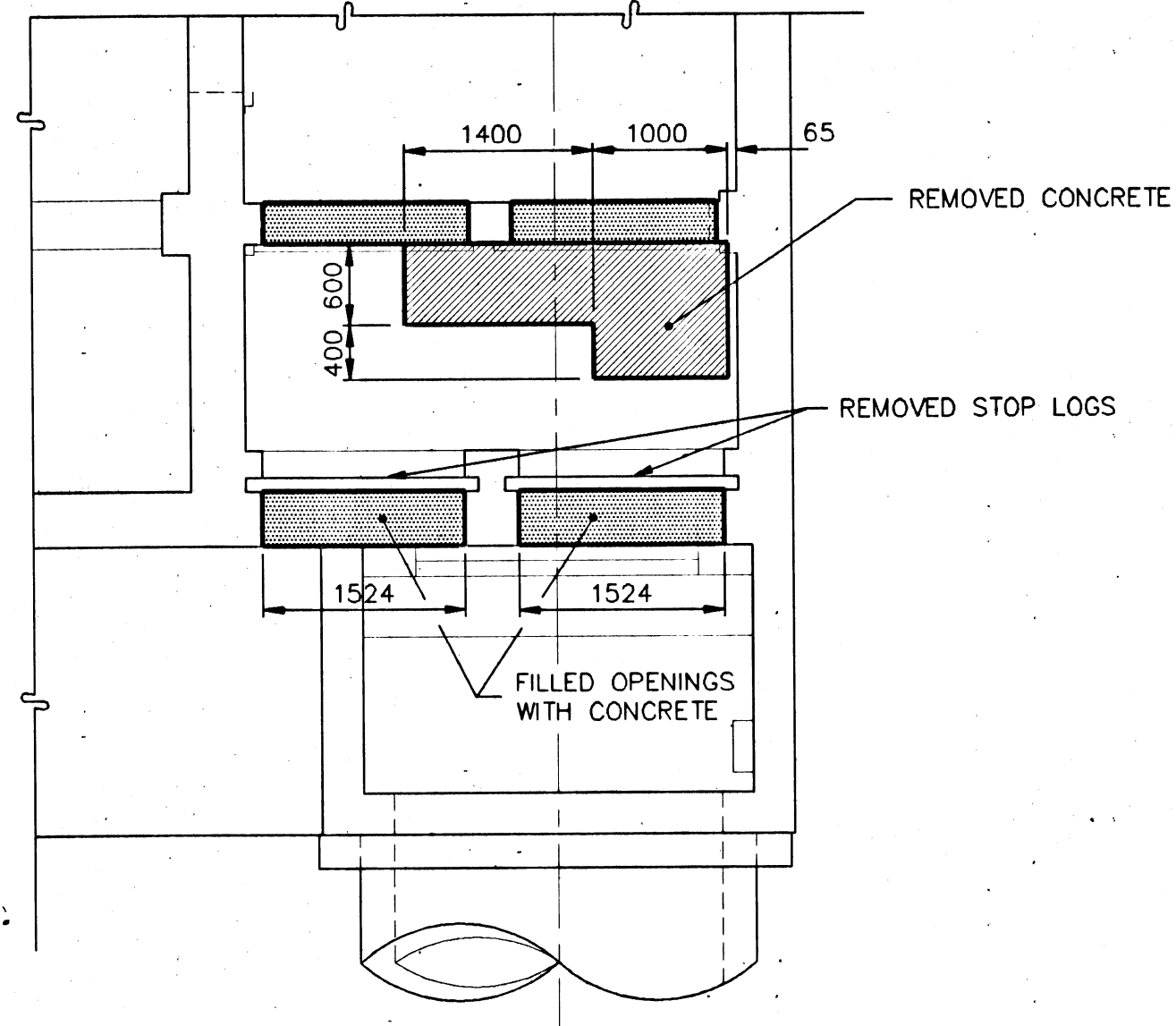
WIRING DIAGRAM AND PANEL LAYOUT

CITY DRAWING NUMBER: 57-FS-Q-1
SHEET OF

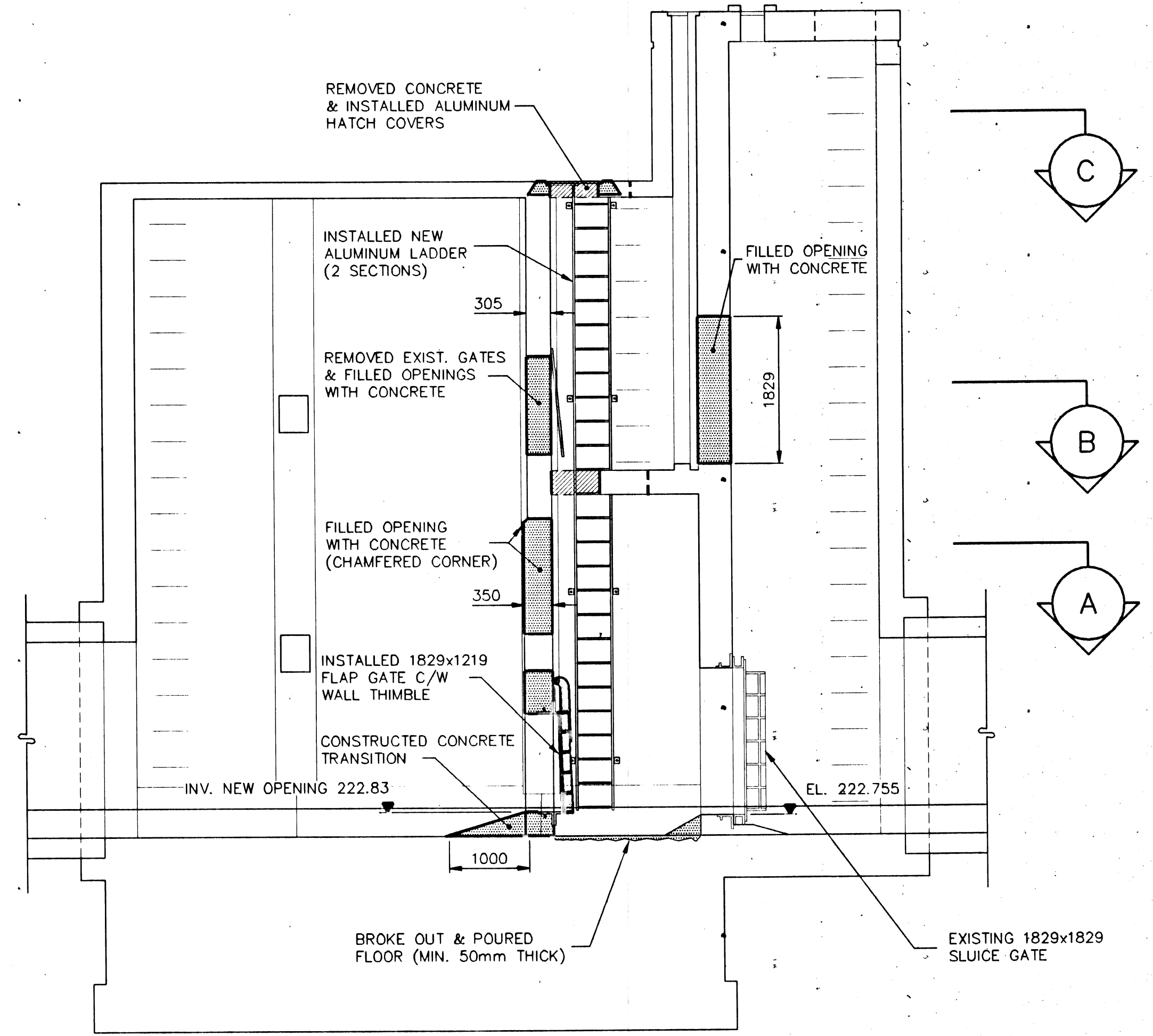
file # FP10129



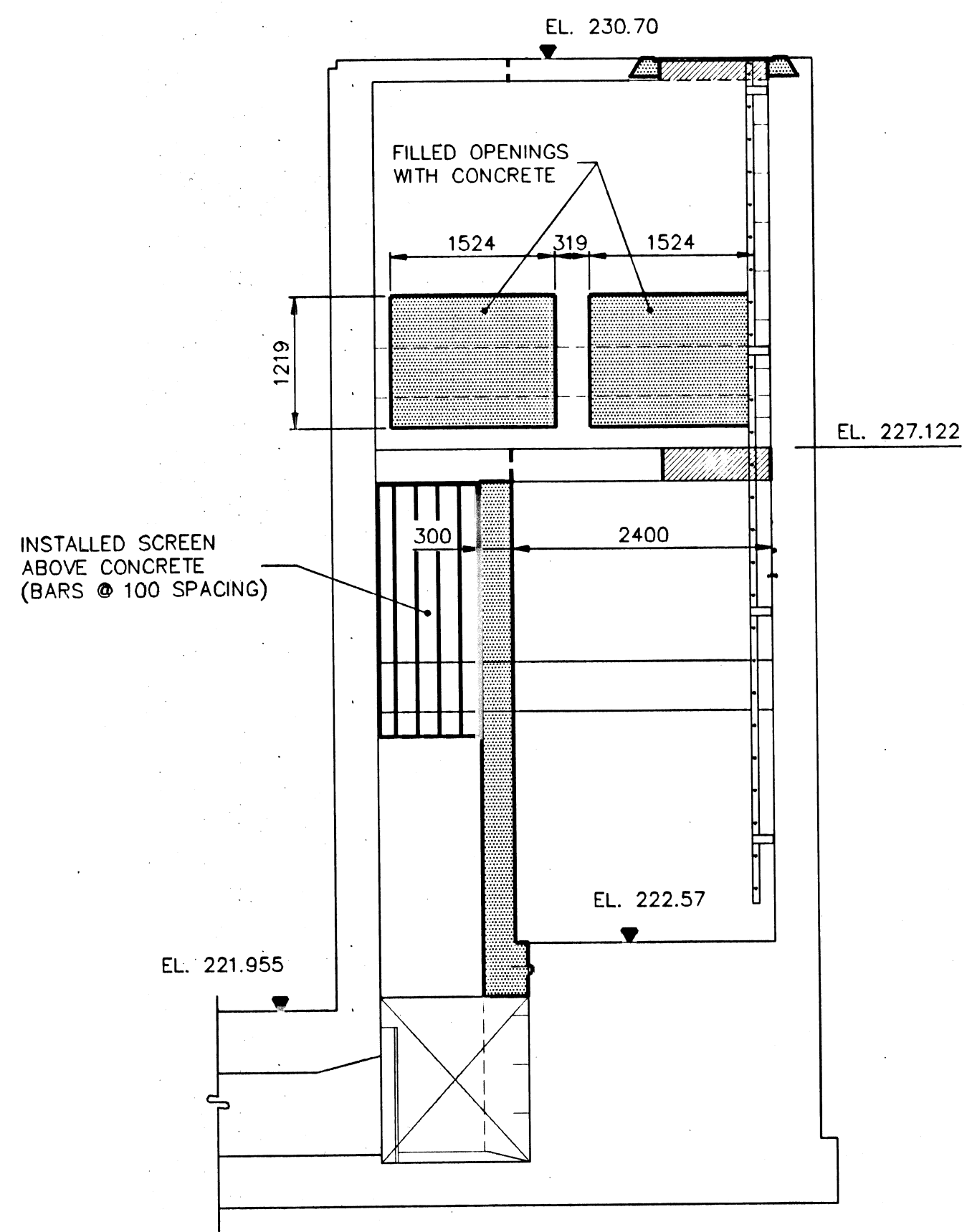
SECTION A SCALE 1:50



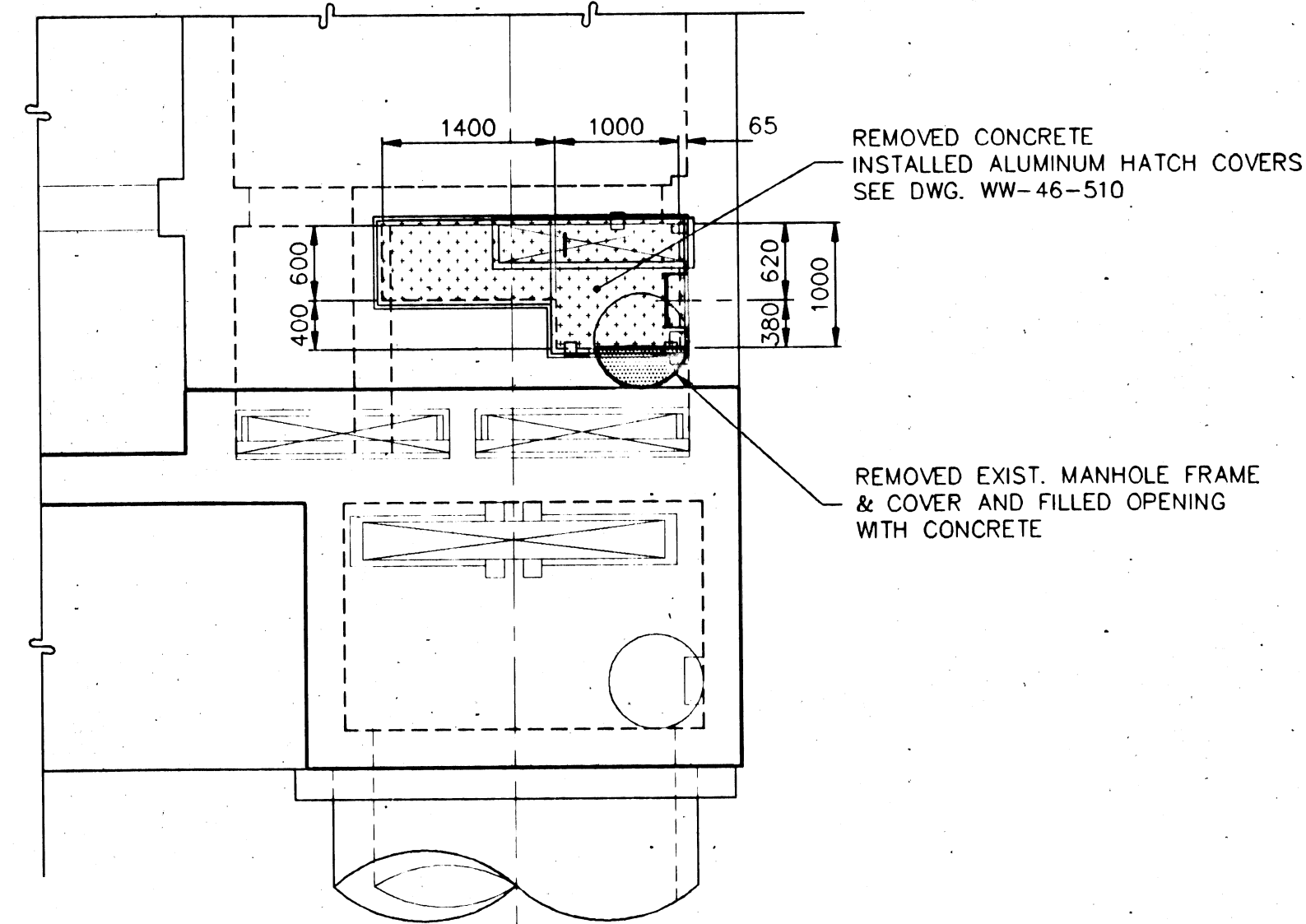
SECTION B SCALE 1:50



SECTION C SCALE 1:50



SECTION D SCALE 1:50



SECTION E SCALE 1:50

REVISED AS CONSTRUCTED
 DATE 2/3/95 BY G.D.
 CHECKED BY F.R.

LOCATION APPROVED UNDERGROUND STRUCTURES
 SUPV. U/G STRUCTURES COMMITTEE DATE
 NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M. ELEV.	PD 93-197
NO.	REVISIONS
1	REVISED TO ASBUILT 2/3/95 G.D.
DATE	NOV. 17, 1993

I.D. ENGINEERING CANADA INC. Professional Engineers WINNIPEG, MANITOBA	
DESIGNED BY A.D.M.	CHECKED BY A.D.M.
DRAWN BY G.D., G.L.	APPROVED BY A.D.M.
HOR. SCALE: AS SHOWN	RELEASED FOR CONSTRUCTION: DATE

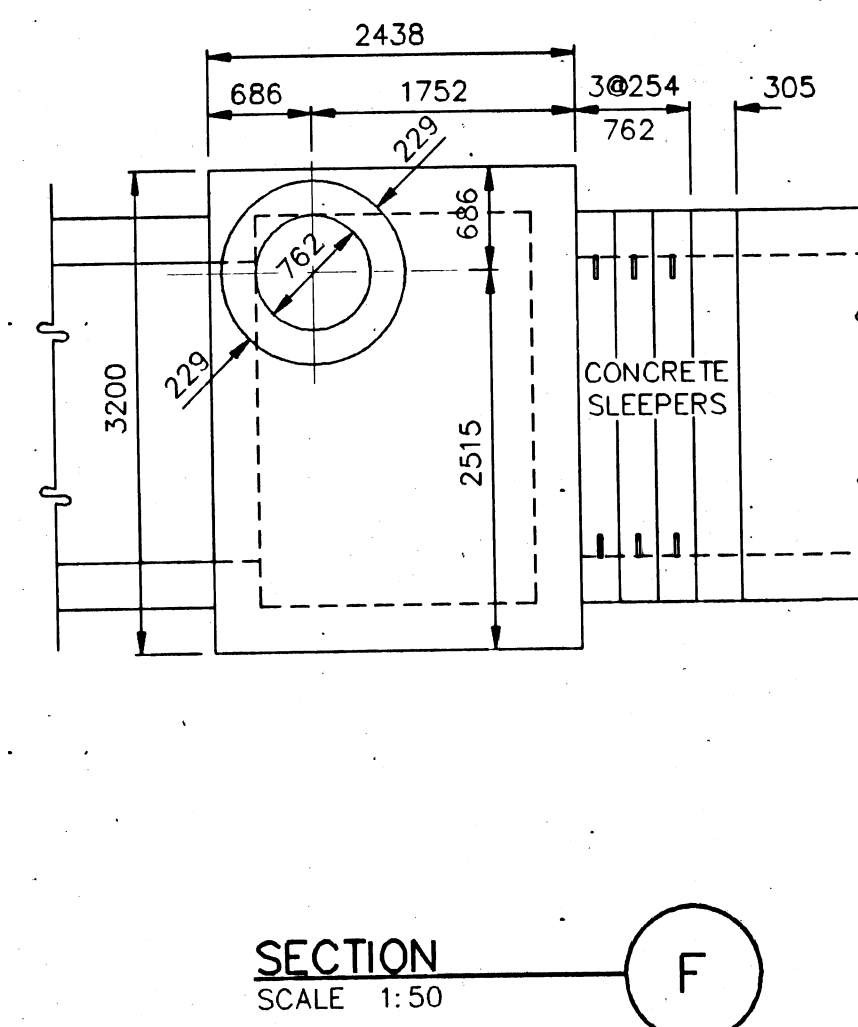
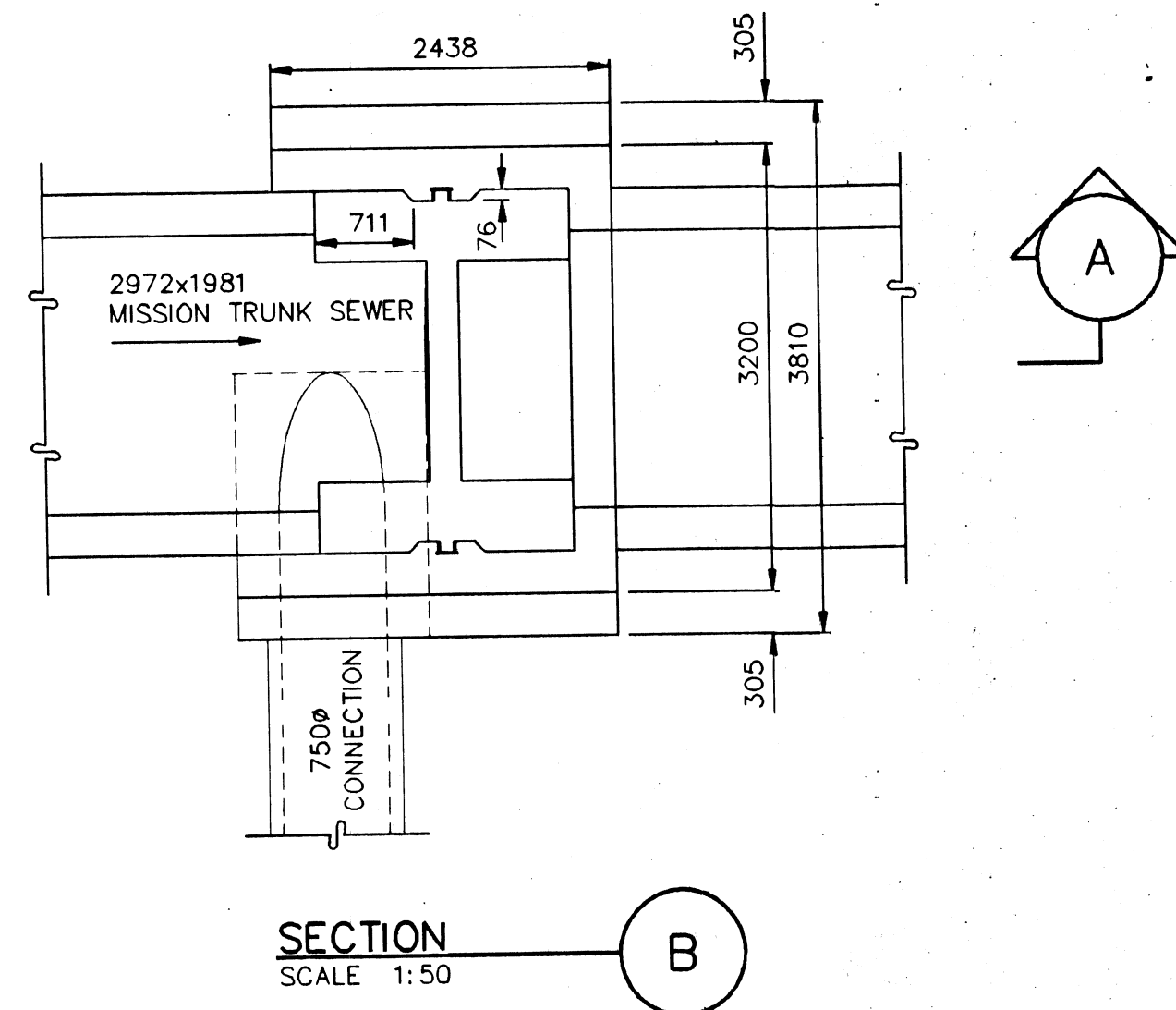
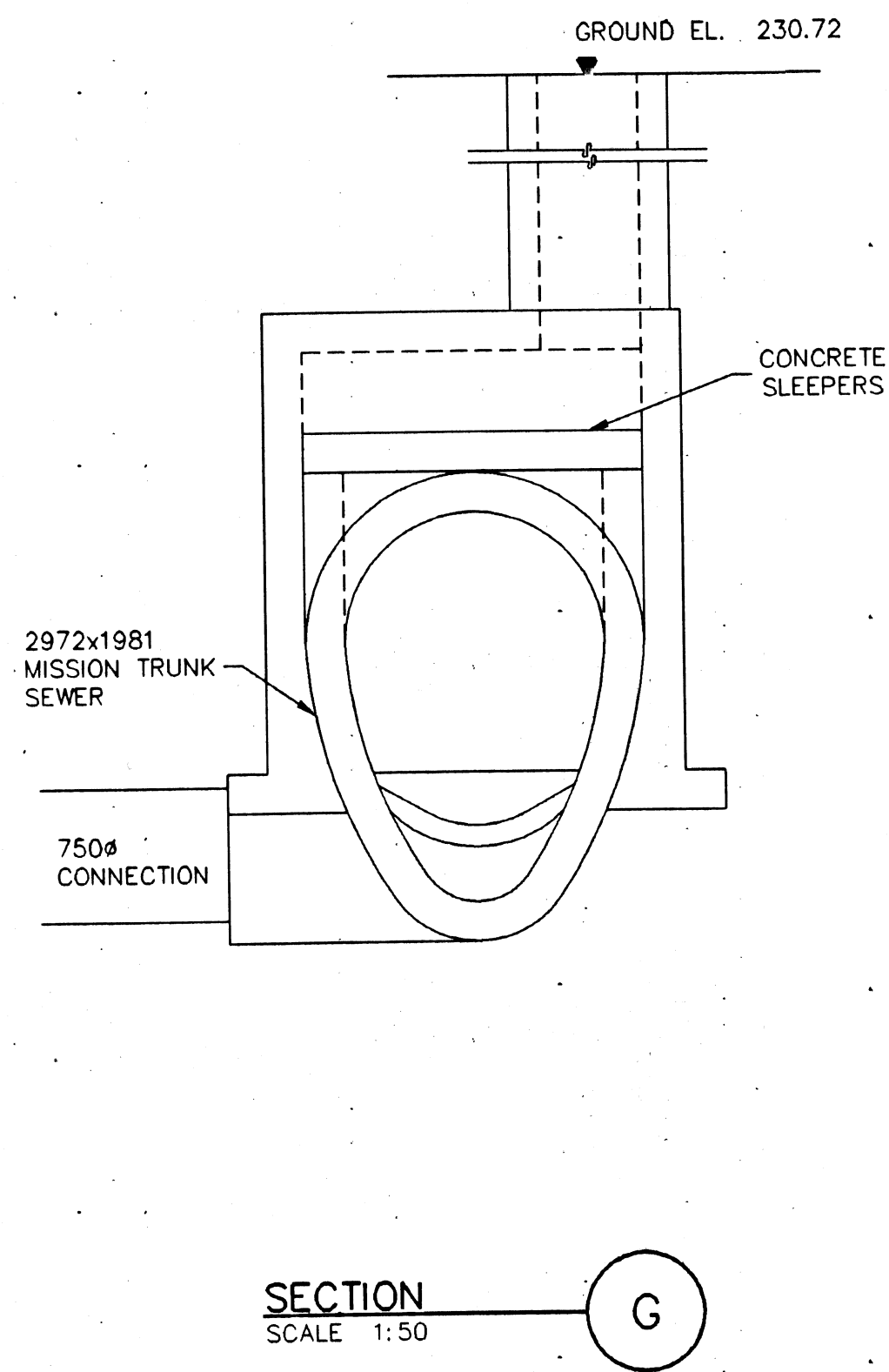
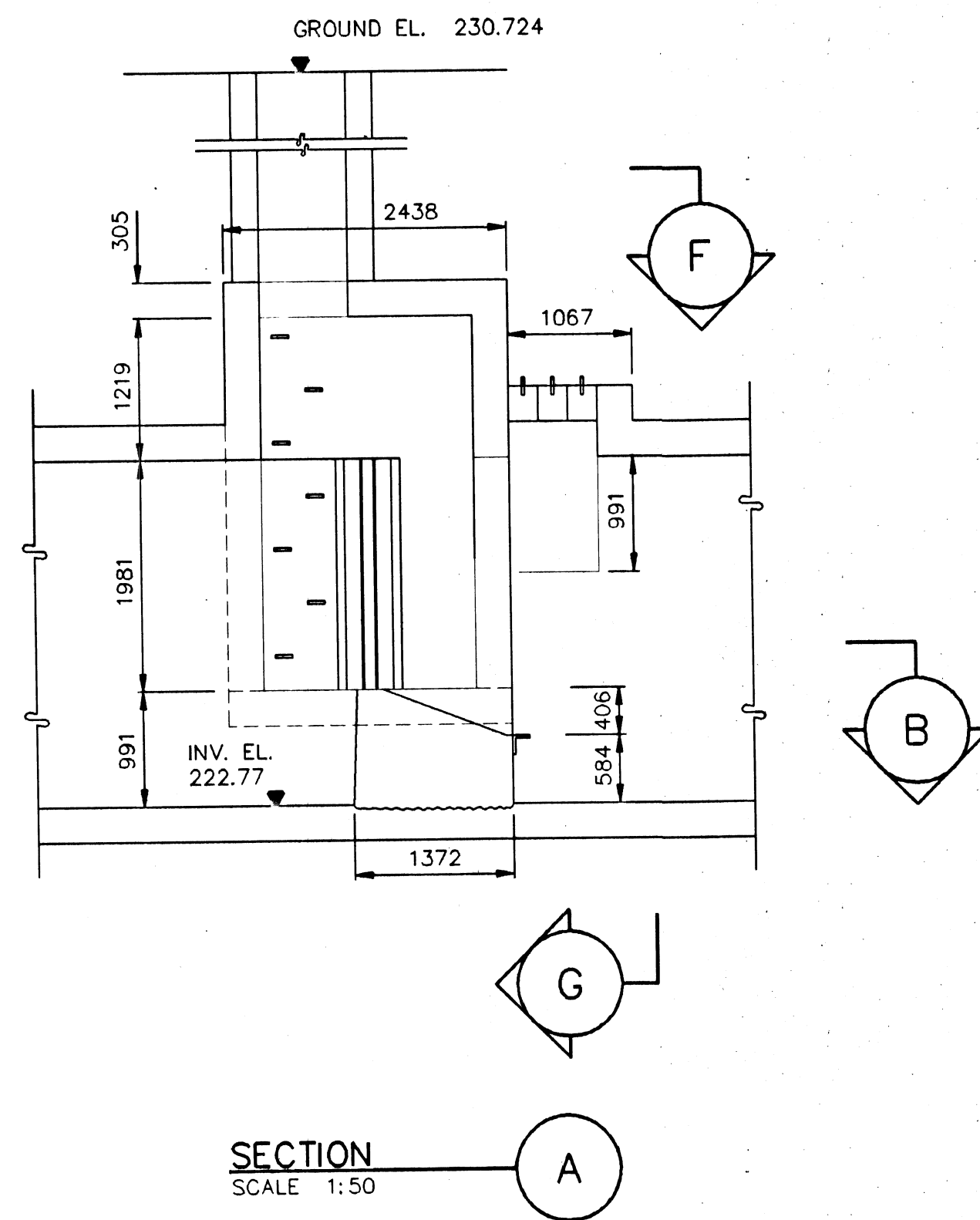
ENGINEER'S SEAL
 PROVINCE OF MANITOBA
 A.D. MYSKA
 Dec 10/93
 REGISTERED ENGINEER
 CONSULTANT DRAWING NO. WW-37-510

THE CITY OF WINNIPEG
 WORKS AND OPERATIONS DIVISION
 WATERWORKS WASTE & DISPOSAL DEPARTMENT
 NEWTON, LINDEN, ARMSTRONG AND MISSION
 FLOOD CONTROL UPGRADING PROJECT
 MISSION FLOOD PUMP STATION
 FLAP GATE INSTALLATION ARRANGEMENT
 AND CONCRETE OUTLINES
 CITY DRAWING NUMBER SHEET 1 OF 10
 LD-1293

LD 1295

REF. of DRAWING No. FP 10404

DETAILS



REVISED AS CONSTRUCTED
 DATE 2/3/95 BY G.D.
 CHECKED BY F.R.

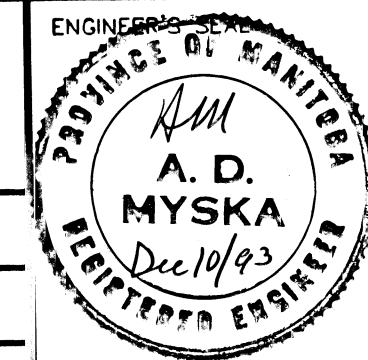
LOCATION APPROVED UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE DATE
 NOTE:
 LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M. ELEV.	PD 93-197
DESIGNED BY	A.D.M.
CHECKED BY	A.D.M.
DRAWN BY	G.D., G.L.
APPROVED BY	A.D.M.
HOR. SCALE:	AS SHOWN
VERTICAL:	AS SHOWN
RELEASED FOR CONSTRUCTION:	
NO. REVISIONS	DATE BY
1	REVISED TO ASBUILT 2/3/95 G.D.
	DATE NOV. 17, 1993

IDE I.D. ENGINEERING CANADA INC.
 Professional Engineers
 WINNIPEG, MANITOBA

DESIGNED BY	A.D.M.	CHECKED BY	A.D.M.
DRAWN BY	G.D., G.L.	APPROVED BY	A.D.M.
HOR. SCALE:	AS SHOWN	RELEASED FOR CONSTRUCTION:	
VERTICAL:	AS SHOWN	DATE	NOV. 17, 1993

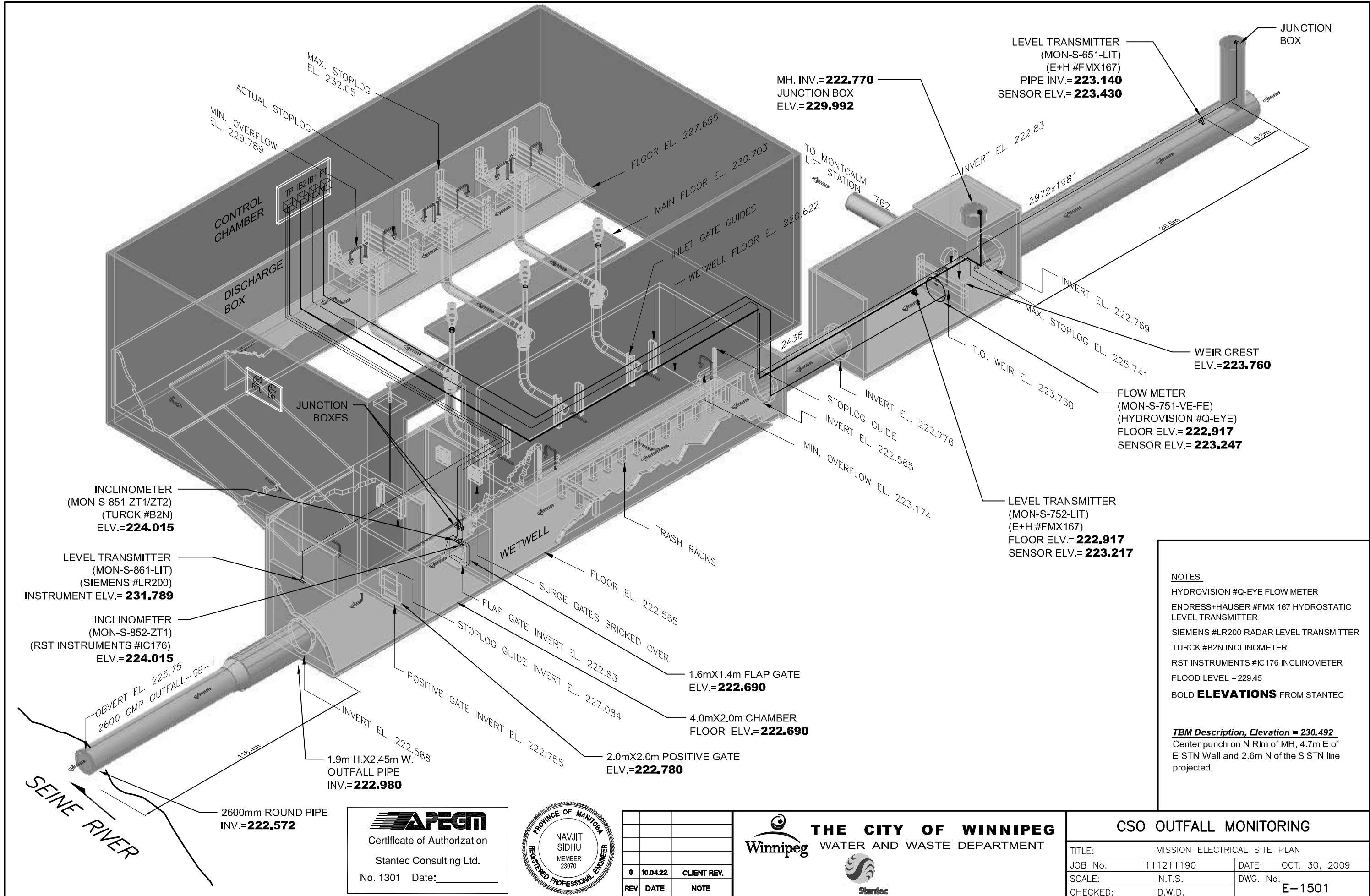


CONSULTANT DRAWING NO.
 WW-39-510

THE CITY OF WINNIPEG
 WORKS AND OPERATIONS DIVISION
 WATERWORKS WASTE & DISPOSAL DEPARTMENT

NEWTON, LINDEN, ARMSTRONG AND MISSION FLOOD CONTROL UPGRADING PROJECT	CITY DRAWING NUMBER
MISSION FLOOD PUMP STATION FLAP GATE REMOVAL	SHEET 3 OF 10
	LD-1295

FILE # FP10404



NOTES:
 HYDROVISION #Q-EYE FLOW METER
 ENDRESS+HAUSER #FMX 167 HYDROSTATIC LEVEL TRANSMITTER
 SIEMENS #LR200 RADAR LEVEL TRANSMITTER
 TURCK #B2N INCLINOMETER
 RST INSTRUMENTS #IC176 INCLINOMETER
 FLOOD LEVEL = 229.45
BOLD ELEVATIONS FROM STANTEC

TBM Description, Elevation = 230.492
 Center punch on N Rim of MH, 4.7m E of E STN Wall and 2.6m N of the S STN line projected.

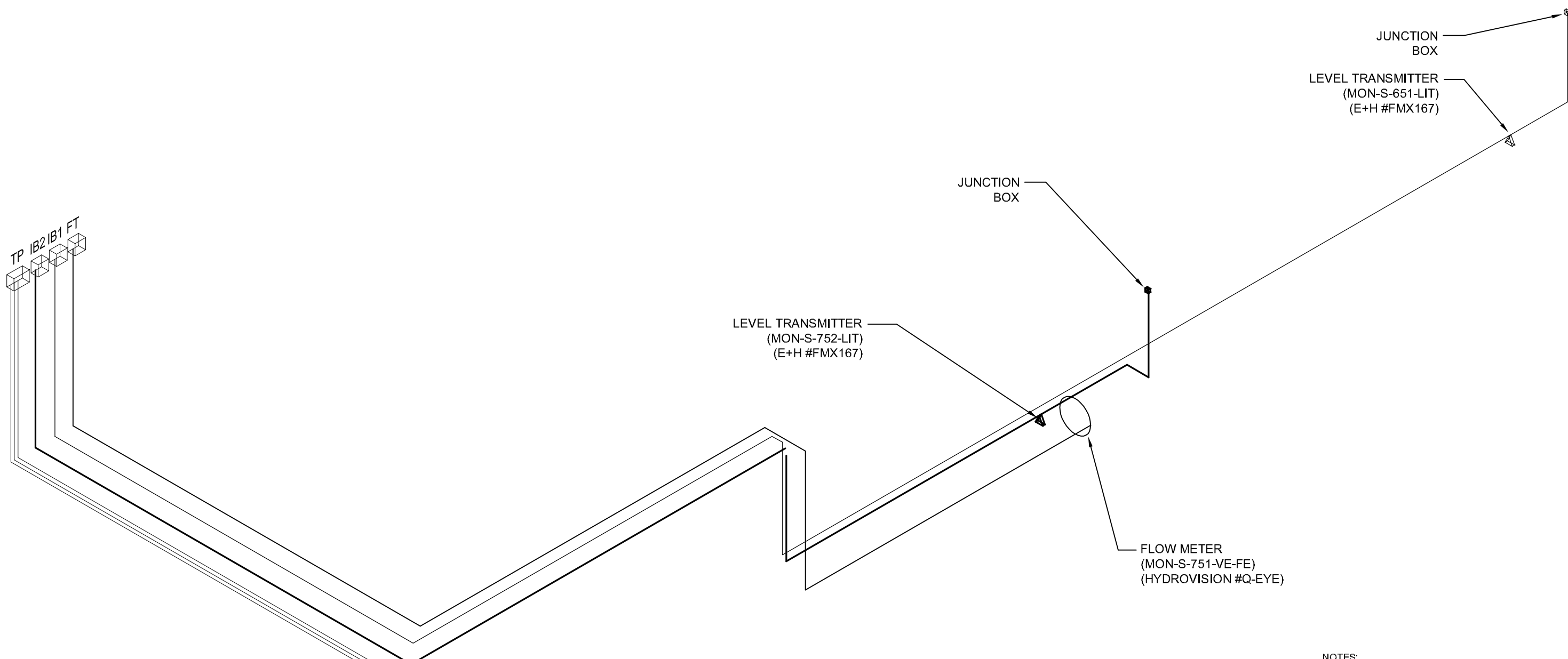
APEGM
 Certificate of Authorization
 Stantec Consulting Ltd.
 No. 1301 Date: _____



REV	DATE	NOTE
0	10.04.22	CLIENT REV.

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

CSO OUTFALL MONITORING		
TITLE:	MISSION ELECTRICAL SITE PLAN	
JOB No.	111211190	DATE: OCT. 30, 2009
SCALE:	N.T.S.	DWG. No.
CHECKED:	D.W.D.	E-1501



NOTES:
 HYDROVISION #Q-EYE FLOW METER
 ENDRESS+HAUSER #FMX 167 HYDROSTATIC LEVEL TRANSMITTER
 SIEMENS #LR200 RADAR LEVEL TRANSMITTER
 TURCK #B2N INCLINOMETER
 RST INSTRUMENTS #IC176 INCLINOMETER
 FLOOD LEVEL = 229.45
 BOLD **ELEVATIONS** FROM STANTEC

TBM Description, Elevation = 230.492
 Center punch on N Rim of MH, 4.7m E of E STN Wall and 2.6m N of the S STN line projected.

LEVEL TRANSMITTER
 (MON-S-861-LIT)
 (SIEMENS #LR200)

INCLINOMETER
 (MON-S-851-ZT1/ZT2)
 (TURCK #B2N)

INCLINOMETER
 (MON-S-852-ZT1)
 (RST INSTRUMENTS #IC176)

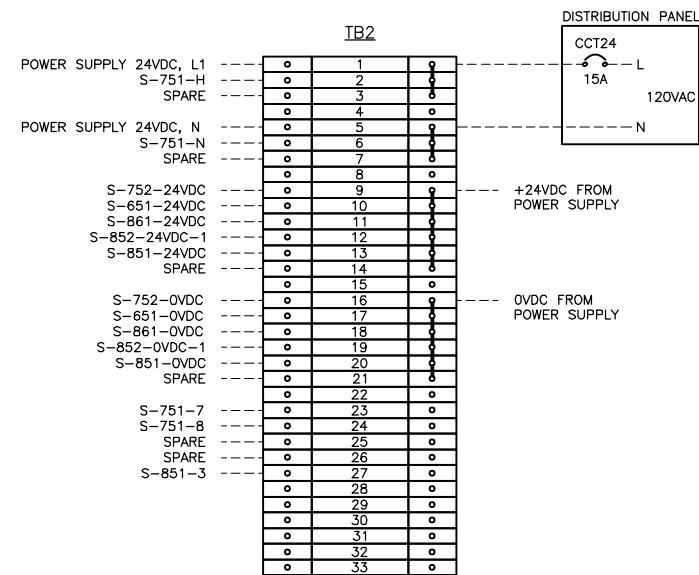
APEGM
 Certificate of Authorization
 Stantec Consulting Ltd.
 No. 1301 Date: _____



REV	DATE	NOTE
0	10.04.22	CLIENT REV.

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

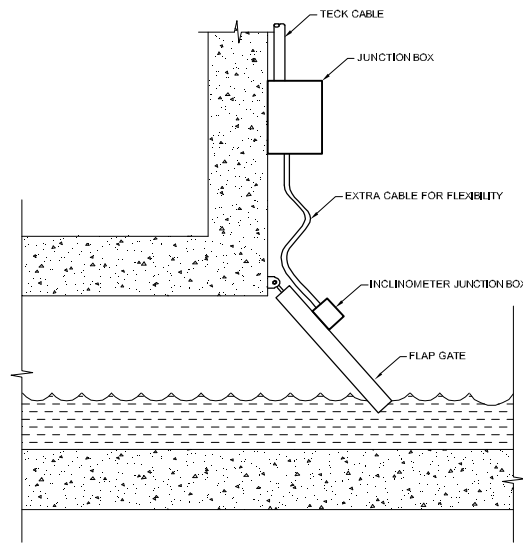
CSO OUTFALL MONITORING	
TITLE:	MISSION ELECTRICAL SITE PLAN
JOB No.	111211190
SCALE:	N.T.S.
CHECKED:	D.W.D.
DATE:	OCT. 30, 2009
DWG. No.	E-1502



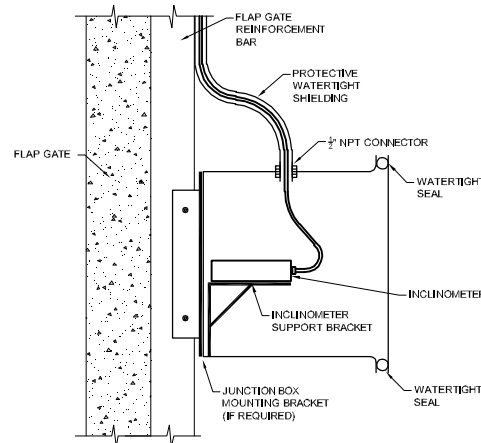
NOTES

- 1) TERMINAL BLOCKS WEIDMULLER #SAK 2.5
- 2) FUSED TERMINAL BLOCKS WEIDMULLER #ASK 1:
 TERMINAL BLOCK 1, C/W FUSE 1A
 TERMINAL BLOCK 2, C/W FUSE 1A
 TERMINAL BLOCK 3, C/W FUSE 1A
 TERMINAL BLOCK 9, C/W FUSE 300mA
 TERMINAL BLOCK 10, C/W FUSE 300mA
 TERMINAL BLOCK 11, C/W FUSE 300mA
 TERMINAL BLOCK 12, C/W FUSE 300mA
 TERMINAL BLOCK 13, C/W FUSE 400mA
 TERMINAL BLOCK 14, C/W FUSE 400mA
- 3) JUMPERS: 1-3; 5-7; 9-14; 16-21

TB2 STRIP DETAIL



ELEVATION VIEW



DETAIL VIEW

GENERAL NOTES

- 1) CABLE SHALL BE SECURED ON THE FLAP GATE CHAMBER WALL AND FLAP GATE
- 2) EXTRA CABLE SHALL BE PROVIDED TO RELIEF CABLE STRESS AT THE JUNCTION OF THE FLAP GATE AND THE CHAMBER WALL
- 3) INSTRUMENT AND JUNCTION BOX MOUNTING BRACKET NEED TO BE ADJUSTED ACCORDING TO FLAP GATE DESIGN

TURCK INCLINOMETER INSTALLATION DETAIL

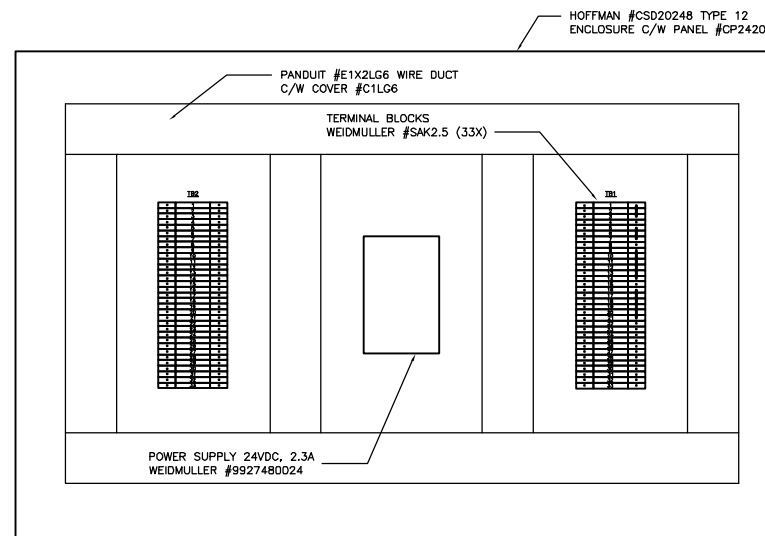
APEGM
 Certificate of Authorization
 Stantec Consulting Ltd.
 No. 1301 Date: _____



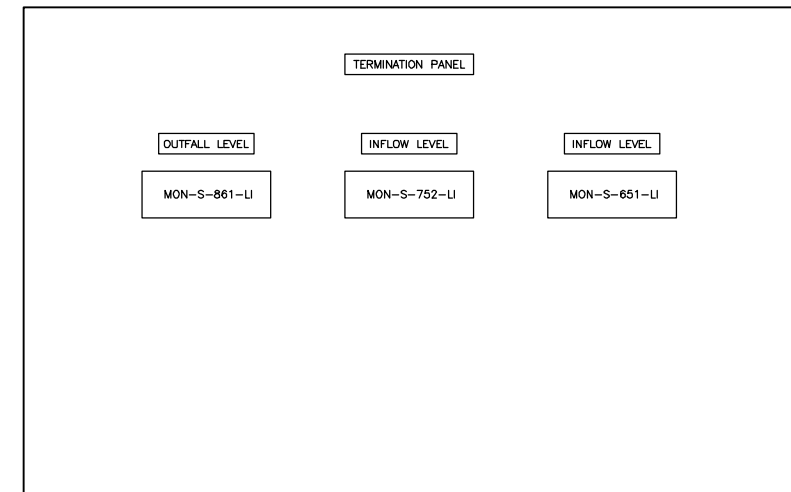
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2	10.04.23.	BPR REV.
1	10.03.26.	RST INCLIN.
0	09.11.30.	CLIENT REV.

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

CSO OUTFALL MONITORING	
TITLE:	MISSION ELECTRICAL DETAILS
JOB No.	111211190
SCALE:	N.T.S.
CHECKED:	D.W.D.
DATE:	NOV. 30, 2009
DWG. No.	E-1503



TERMINATION PANEL DETAIL



NOTES

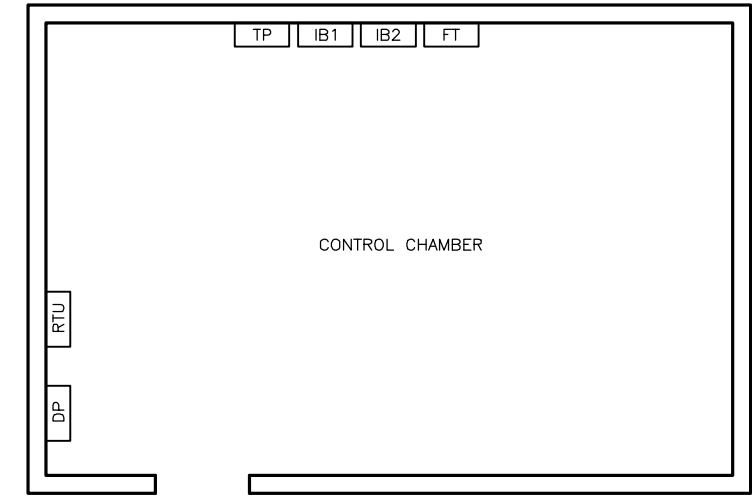
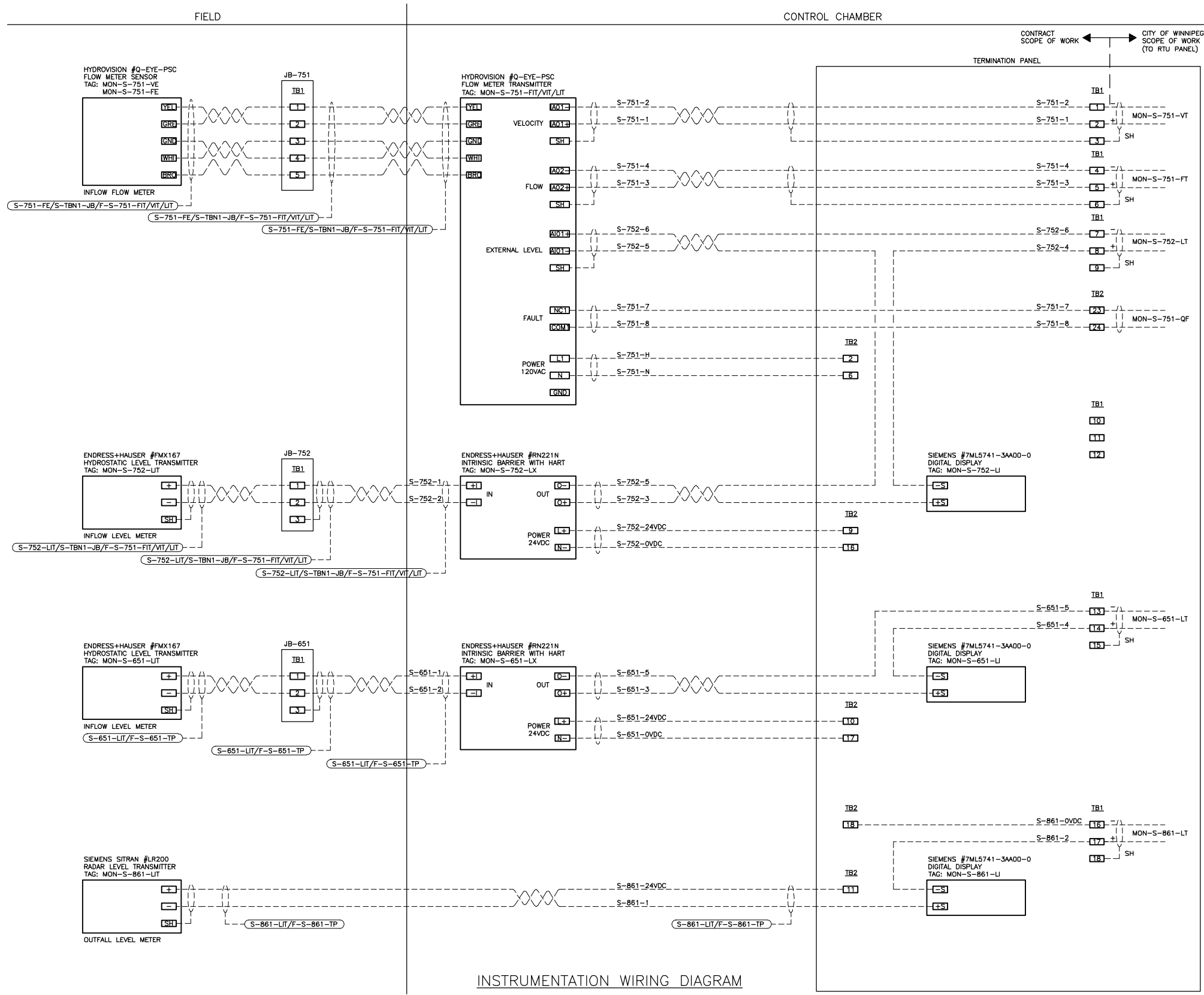
- 1) INSTALL FLOW METER TRANSMITTER, LEVEL TRANSMITTER INTRINSIC BARRIERS AND TERMINATION PANEL ON NEW PLYWOOD BACKBOARD AS INDICATED.
- 2) INSTALL NEW 15A, 1P BREAKER IN EXISTING DISTRIBUTION PANEL DP AND CONNECT IT TO TERMINATION PANEL AS INDICATED.

No.	INSTRUMENT TAG	DESCRIPTION	MANUFACTURER	MODEL	ISOMETRIC DRAWING	PLC I/O TYPE	POWER SUPPLY	NOTE
1	MON-S-751-FIT/VIT/LIT	ULTRASONIC FLOW METER	HYDROVISION	QEPSC8BX40XXAX	111211190E-101-MISS.DWG	3X AI + 1X DI	120VAC	INFLOW FLOW
2	MON-S-752-LIT	HYDROSTATIC LEVEL TRANSMITTER	ENDRESS+HAUSER	FMX167 AND RI445-1020/0	111211190E-101-MISS.DWG	1X AI	24VDC	INFLOW LEVEL
3	MON-S-651-LIT	HYDROSTATIC LEVEL TRANSMITTER	ENDRESS+HAUSER	FMX167 AND RI445-1020/0	111211190E-101-MISS.DWG	1X AI	24VDC	INFLOW LEVEL
4	MON-S-861-LIT	RADAR LEVEL TRANSMITTER	SIEMENS	LR200-7ML5422-2AJ1 AND 7ML5740-2AA01-0A	111211190E-101-MISS.DWG	1X AI	24VDC	OUTFALL LEVEL
5	MON-S-851-ZT1/ZT2	INCLINATION TRANSMITTER	TURCK	B2N85H-Q20L60-2LJ2-H1151-M1534032	111211190E-101-MISS.DWG	2X AI	24VDC	FLAP GATE
6	MON-S-852-ZT1/ZT2	INCLINATION TRANSMITTER	RST INSTRUMENTS	IC176	111211190E-101-MISS.DWG	1X AI	24VDC	FLAP GATE

INSTRUMENT LIST

No.	CABLE TAG	FROM	TO	DESCRIPTION	MANUFACTURER	CATALOG No.	NOTE
1	S-751-FE/S-TBN1-JB/F-S-751-FIT/VIT/LIT	MON-S-751-VE/FE	JB-751	SENSOR CABLE			SENSOR CONNECTION
2	S-751-FE/S-TBN1-JB/F-S-751-FIT/VIT/LIT	JB-751	MON-S-751-FIT/VIT/LIT	#18 AWG, 2-TRIADS, TWISTED, SHIELDED, TECK 90	TEXCAN	C3-9336-1802-19	SENSOR CONNECTION
3		MON-S-751-FIT/VIT/LIT	TERMINATION PANEL	#18 AWG, 4-PAIRS, TWISTED, SHIELDED, TECK 90	TEXCAN	C3-9326-1804-19	3X AI TO RTU
4		MON-S-751-FIT/VIT/LIT	TERMINATION PANEL	#18 AWG, 1-PAIR, TWISTED, SHIELDED, TECK 90	TEXCAN	C3-9126-1801-19	1X DI TO RTU
5		MON-S-751-FIT/VIT/LIT	TERMINATION PANEL	#14 AWG, 2C, TECK 90	TEXCAN	05001-01-010	POWER 120VAC
6	S-752-LIT/S-TBN1-JB/F-S-751-FIT/VIT/LIT	MON-S-752-LIT	MON-S-752-LX	#18 AWG, 1-PAIR, TWISTED, SHIELDED, TECK 90	TEXCAN	C3-9126-1801-19	4-20mA
7		MON-S-752-LX	TERMINATION PANEL	#18 AWG, 1-PAIR, TWISTED, SHIELDED, TECK 90	TEXCAN	C3-9126-1801-19	4-20mA
8		MON-S-752-LX	TERMINATION PANEL	#14 AWG, 2C, TECK 90	TEXCAN	05001-01-010	POWER 24VDC
9	S-651-LIT/F-S-651-TP	MON-S-651-LIT	MON-S-651-LX	#18 AWG, 1-PAIR, TWISTED, SHIELDED, TECK 90	TEXCAN	C3-9126-1801-19	4-20mA
10		MON-S-651-LX	TERMINATION PANEL	#18 AWG, 1-PAIR, TWISTED, SHIELDED, TECK 90	TEXCAN	C3-9126-1801-19	4-20mA
11		MON-S-651-LX	TERMINATION PANEL	#14 AWG, 2C, TECK 90	TEXCAN	05001-01-010	POWER 24VDC
12	S-861-LIT/F-S-861-TP	MON-S-861-LIT	TERMINATION PANEL	#18 AWG, 1-PAIR, TWISTED, SHIELDED, TECK 90	TEXCAN	C3-9126-1801-19	4-20mA
13	S-851-ZT/S-TNB2-JB/F-S-851-TP	MON-S-851-ZT1/ZT2	TERMINATION PANEL	#18 AWG, 2-TRIADS, TWISTED, SHIELDED, TECK 90	TEXCAN	C3-9336-1802-19	SENSOR CONNECTION
14	S-852-ZT/S-TNB2-JB/F-S-852-TP	MON-S-852-ZT1	TERMINATION PANEL	#18 AWG, 2-PAIRS, TWISTED, SHIELDED, TECK 90	TEXCAN	C3-9326-1802-19	SENSOR CONNECTION
15		DISTRIBUTION PANEL	TERMINATION PANEL	#14 AWG, 2C, TECK 90	TEXCAN	05001-01-010	POWER 120VAC

CABLE LIST



LEGEND
 RTU - EXISTING CONTROL MICROSYSTEMS #MICRO16 PLC PANEL
 DP - EXISTING DISTRIBUTION PANEL 120VAC, 1P
 FT - NEW FLOW METER TRANSMITTER
 IB1, IB2 - NEW LEVEL TRANSMITTER BARRIER ENCLOSURES
 TP - NEW TERMINATION PANEL

ELECTRICAL ROOM FLOOR PLAN

INSTRUMENTATION WIRING DIAGRAM

CONTINUED ON DRAWING E-1504/2

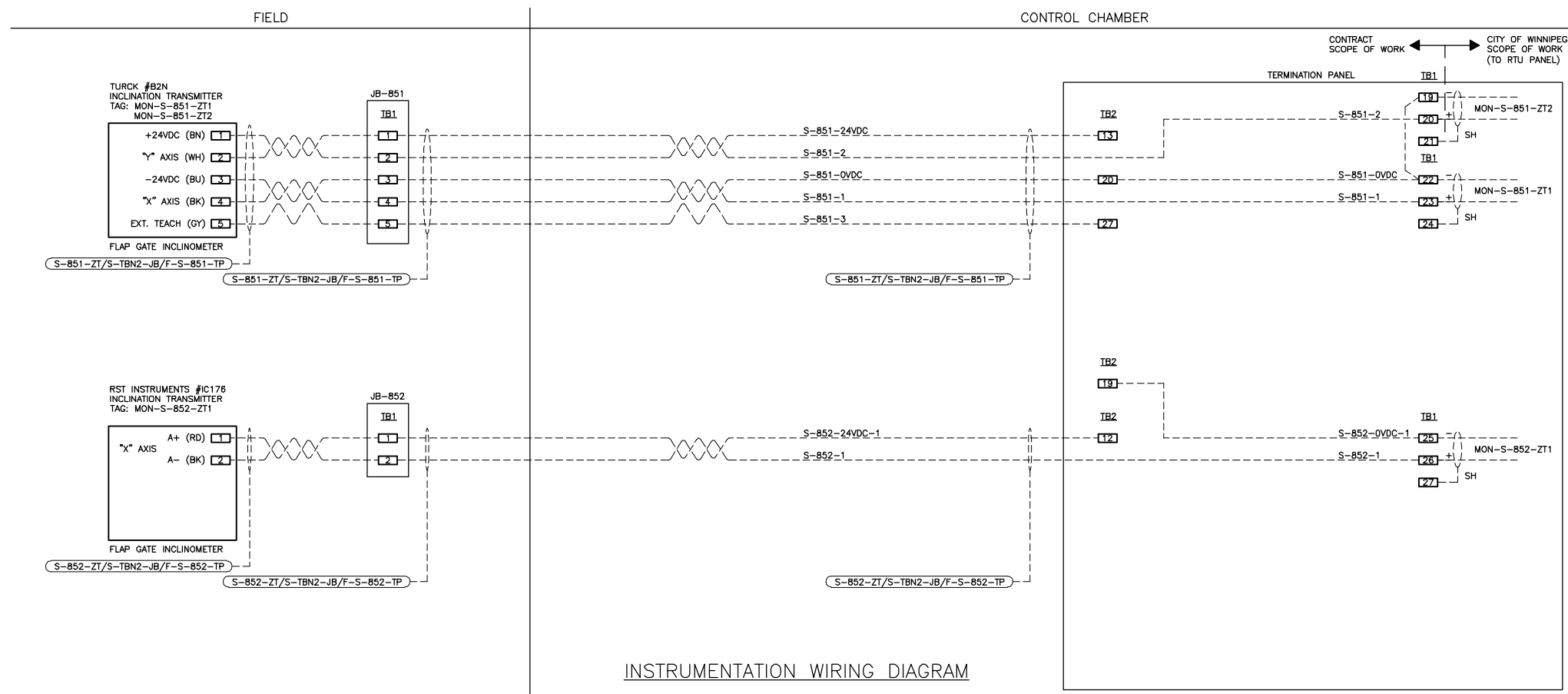
APEGM
 Certificate of Authorization
 Stantec Consulting Ltd.
 No. 1301 Date: _____



REV	DATE	NOTE
3	10.04.30.	AS-BUILT
2	10.04.23.	BPR REV.
1	09.12.09.	EXT. LEVEL
0	09.11.30.	CLIENT REV.

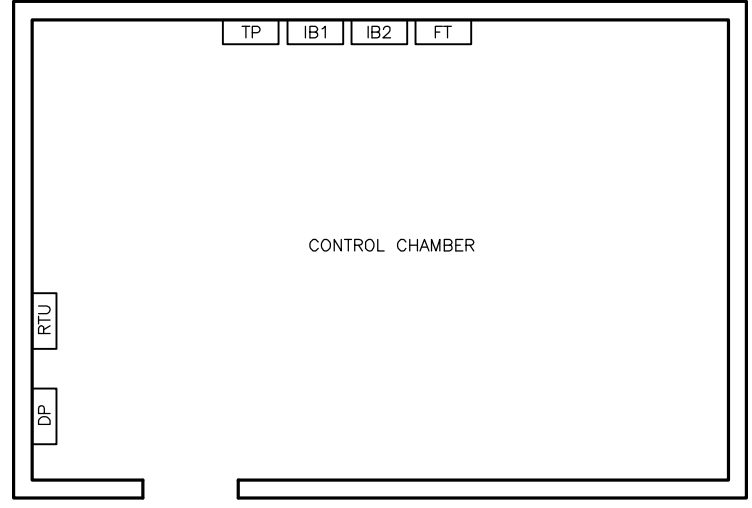
THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

CSO OUTFALL MONITORING		
TITLE:	MISSION ELECTRICAL DETAILS	
JOB No.	111211190	DATE: NOV. 30, 2009
SCALE:	N.T.S.	DWG. No. E-1504/1
CHECKED:	D.W.D.	

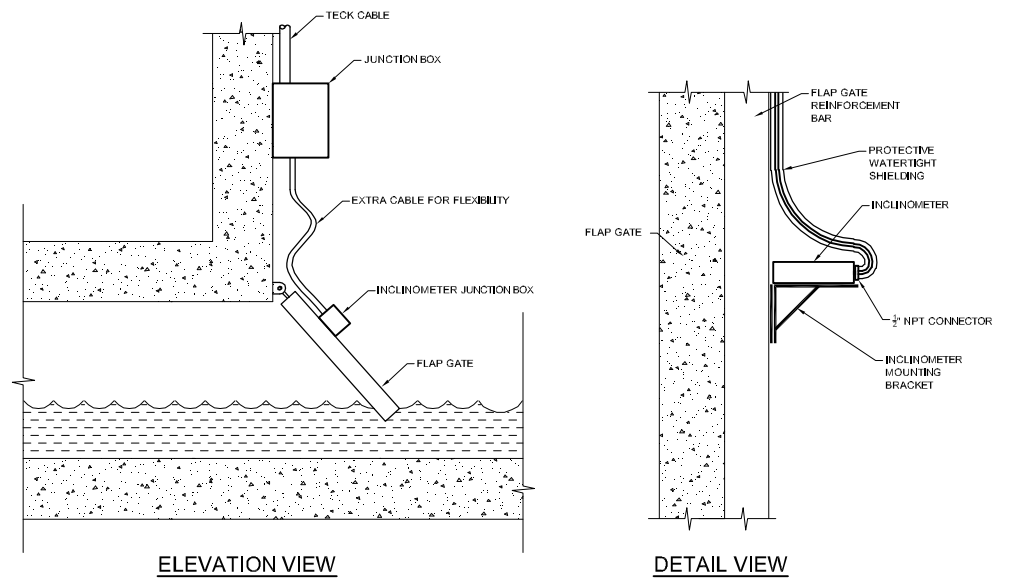


INSTRUMENTATION WIRING DIAGRAM

CONTINUED FROM DRAWING E-1504/1



ELECTRICAL ROOM FLOOR PLAN



ELEVATION VIEW

DETAIL VIEW

GENERAL NOTES

- 1) CABLE SHALL BE SECURED ON THE FLAP GATE CHAMBER WALL AND FLAP GATE
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RST INSTRUMENTS INCLINOMETER INSTALLATION DETAIL



APEGM
 Certificate of Authorization
 Stantec Consulting Ltd.
 No. 1301 Date: _____

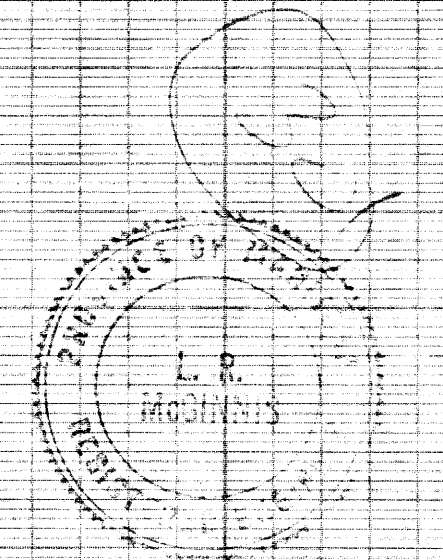
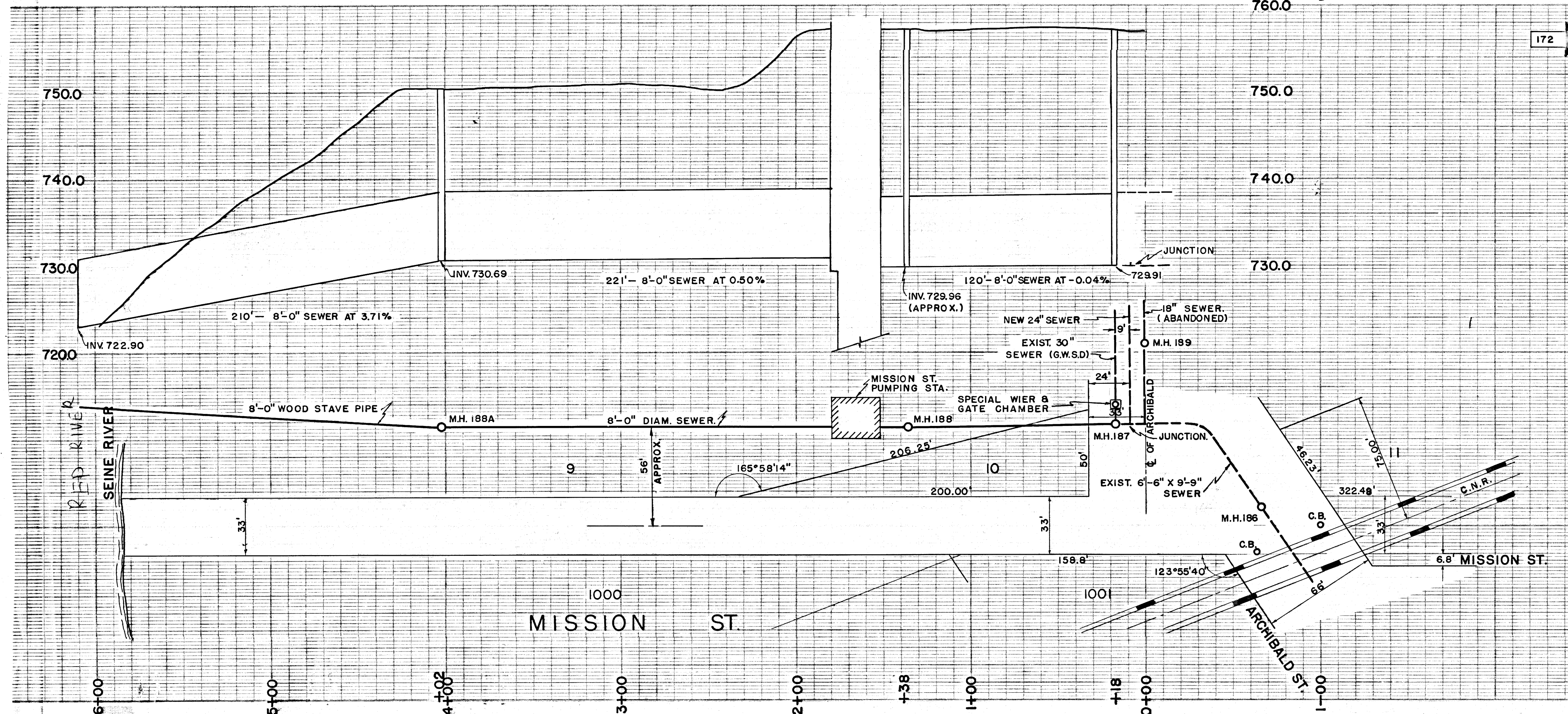
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3	10.04.23.	BPR REV.
2	10.03.26.	RST INCLIN.
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THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

CSO OUTFALL MONITORING		
TITLE:	MISSION ELECTRICAL DETAILS	
JOB No.	111211190	DATE: NOV. 30, 2009
SCALE:	N.T.S.	DWG. No.
CHECKED:	D.W.D.	E-1504/2

ENGINE DRAWING
 TITLE
 DATE

ENTRIED IN R 27



CITY OF ST. BONIFACE
 PUBLIC WORKS DEPARTMENT

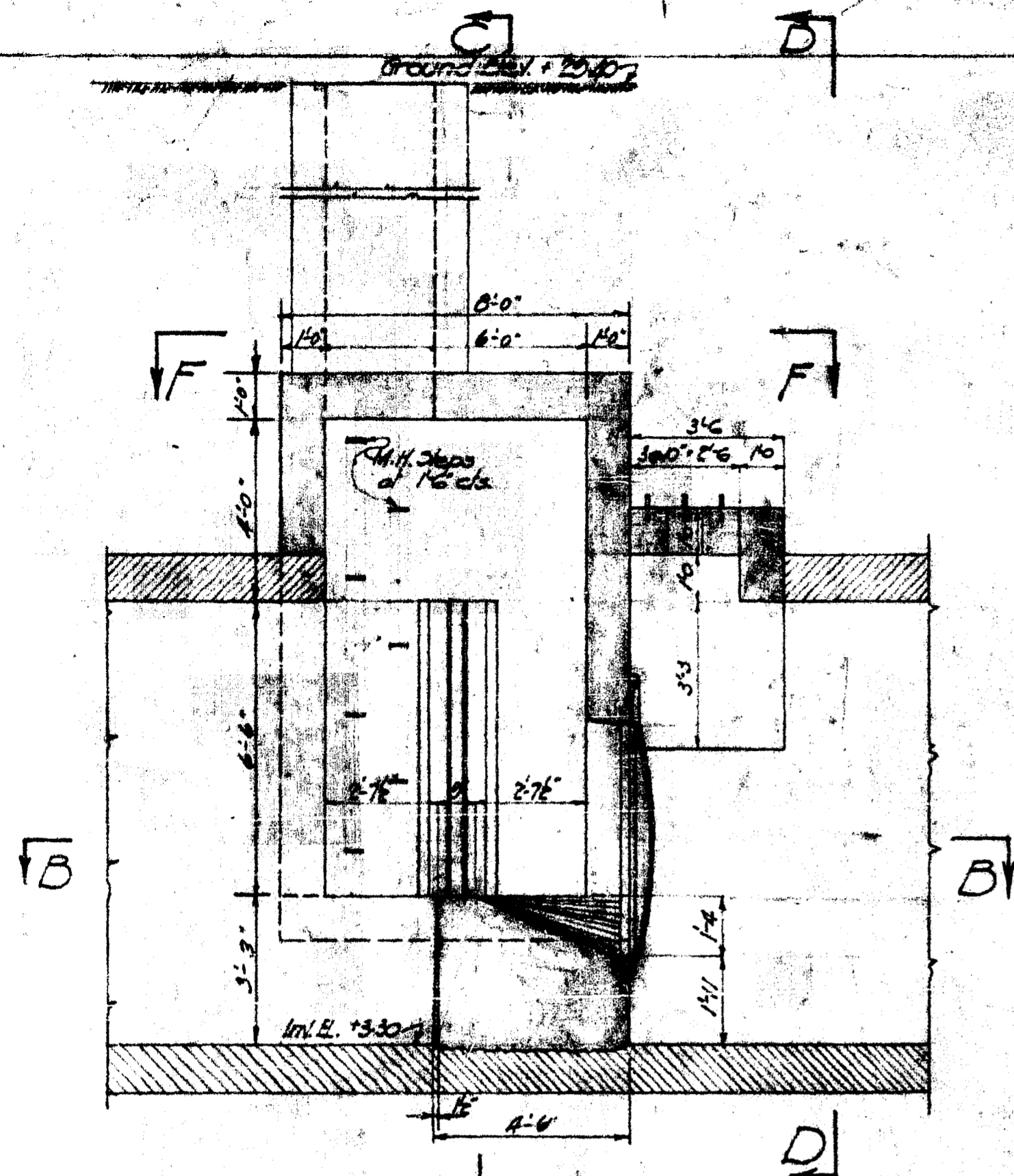
AS BUILT SERVICES
 PLAN & PROFILE OF MISSION ST.
 PUMPING STATION.

W. L. WARDROP & ASSOCIATES
 ENGINEERING CONSULTANTS
 WINNIPEG CANADA

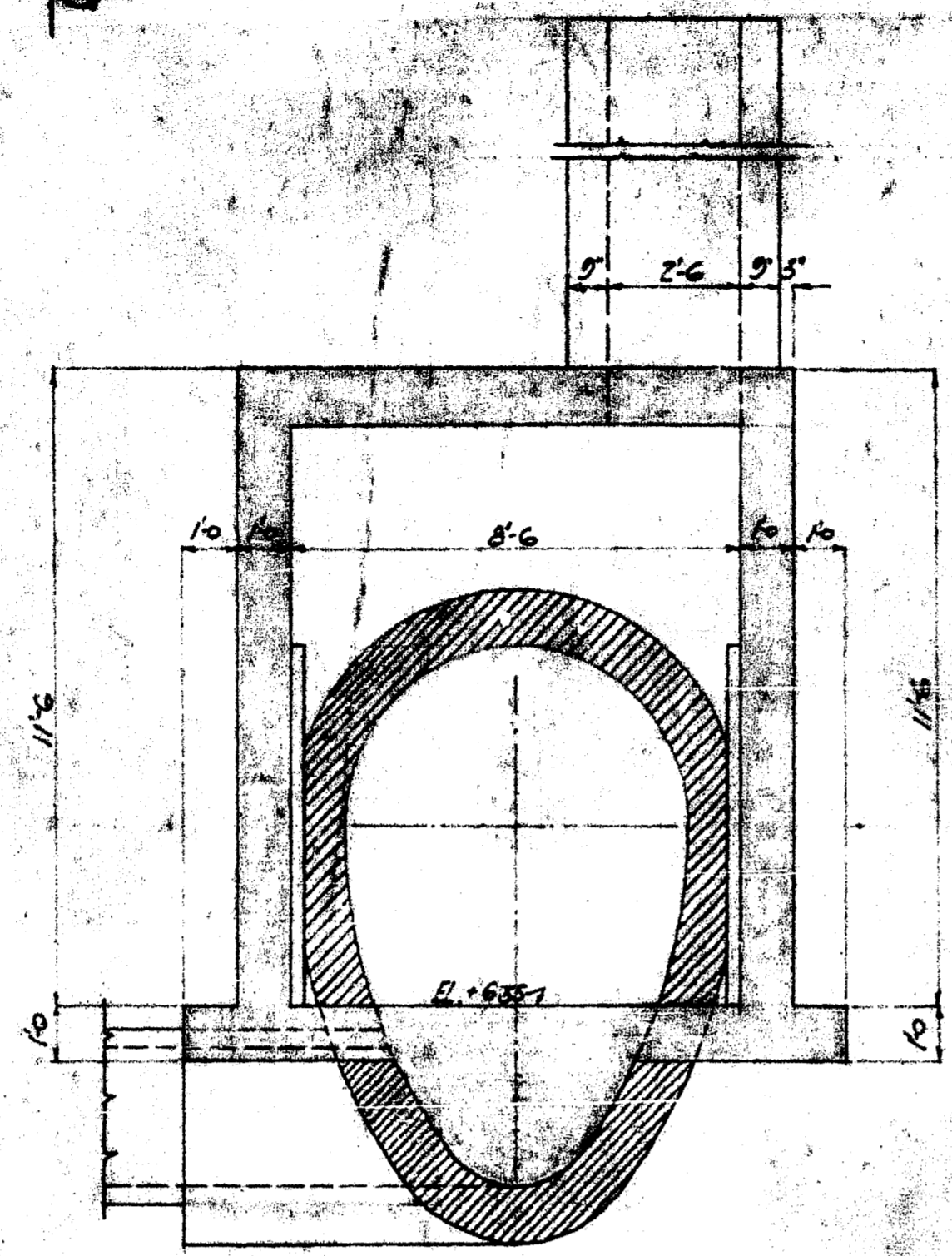
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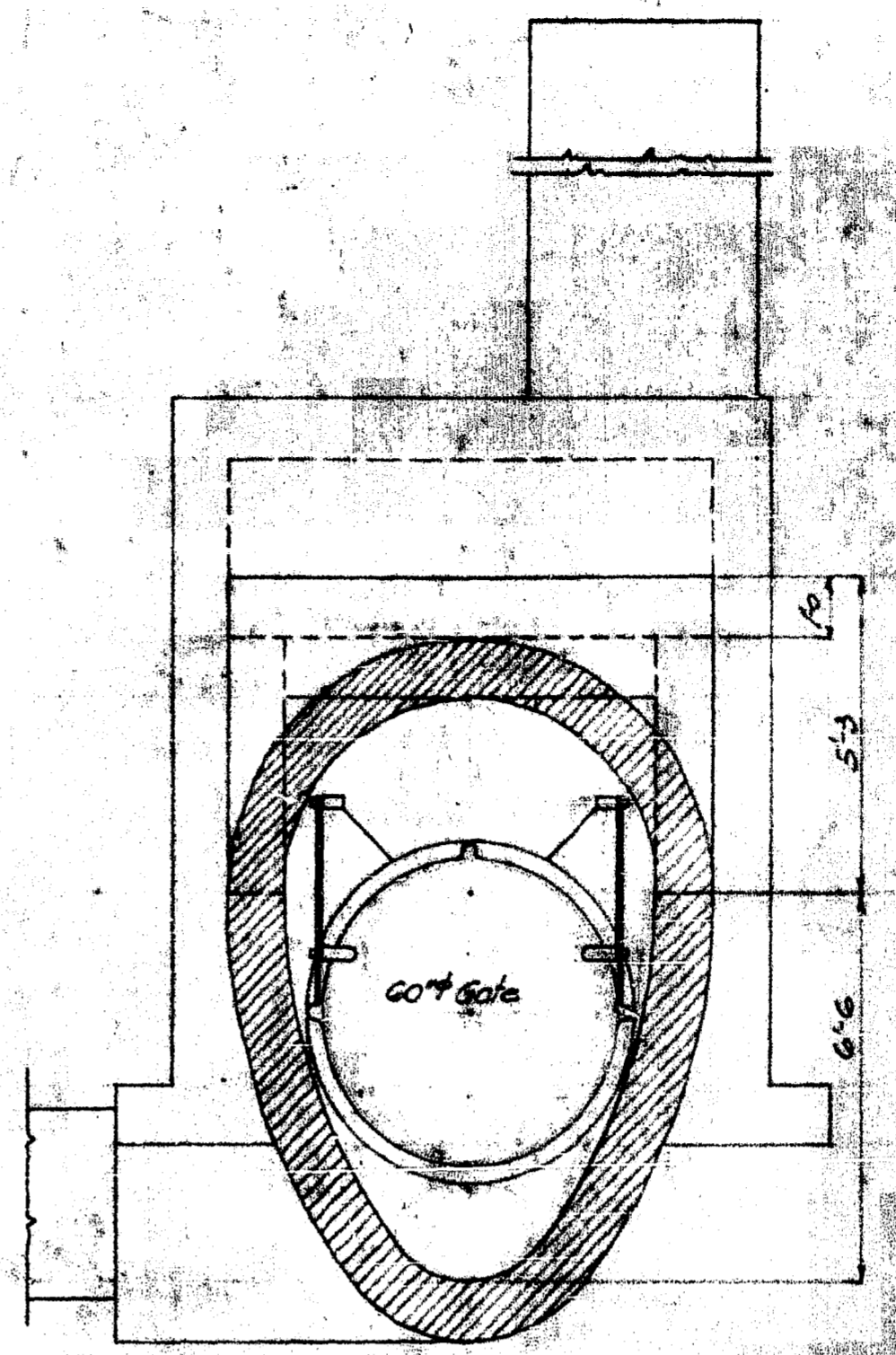
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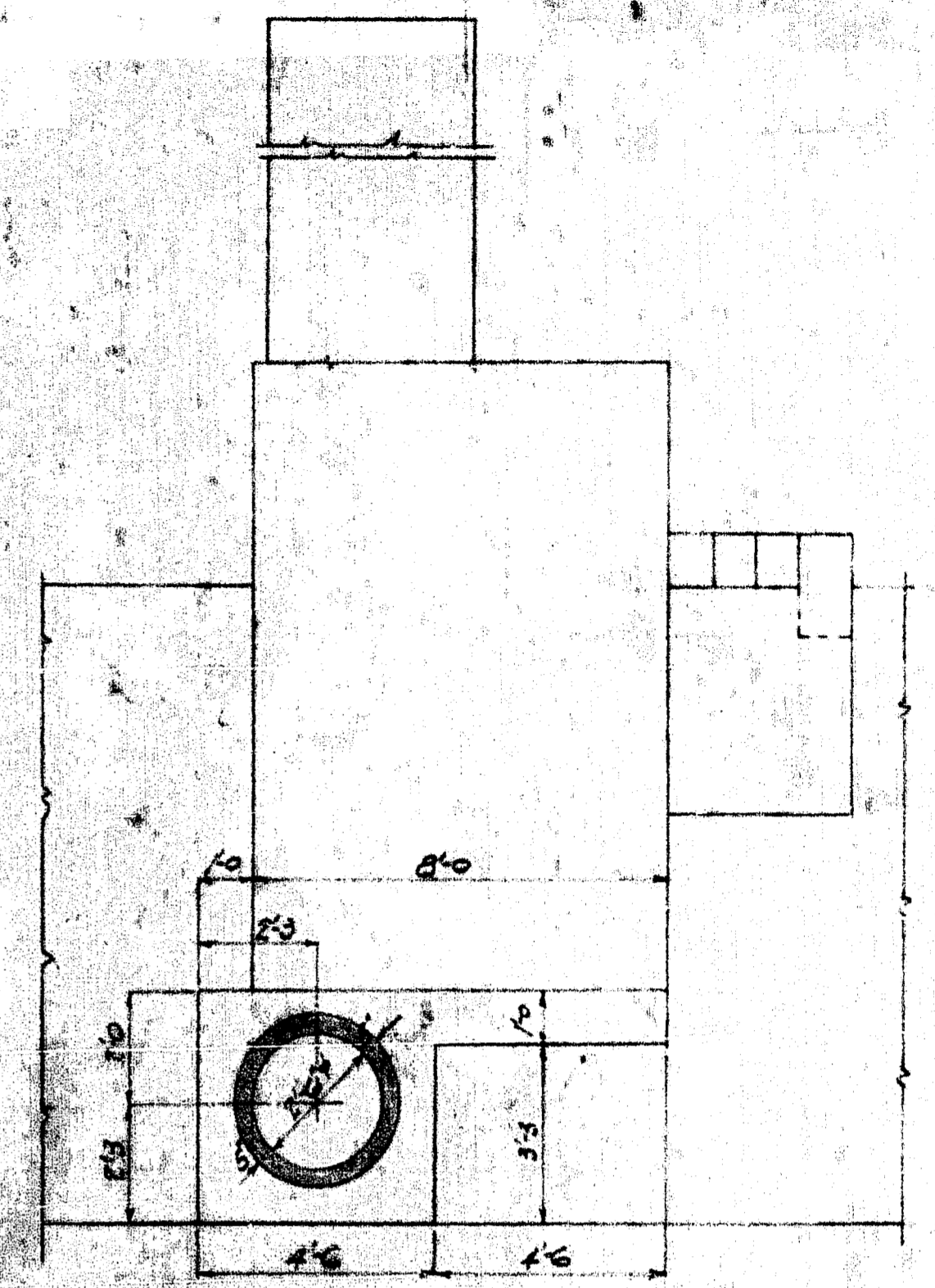
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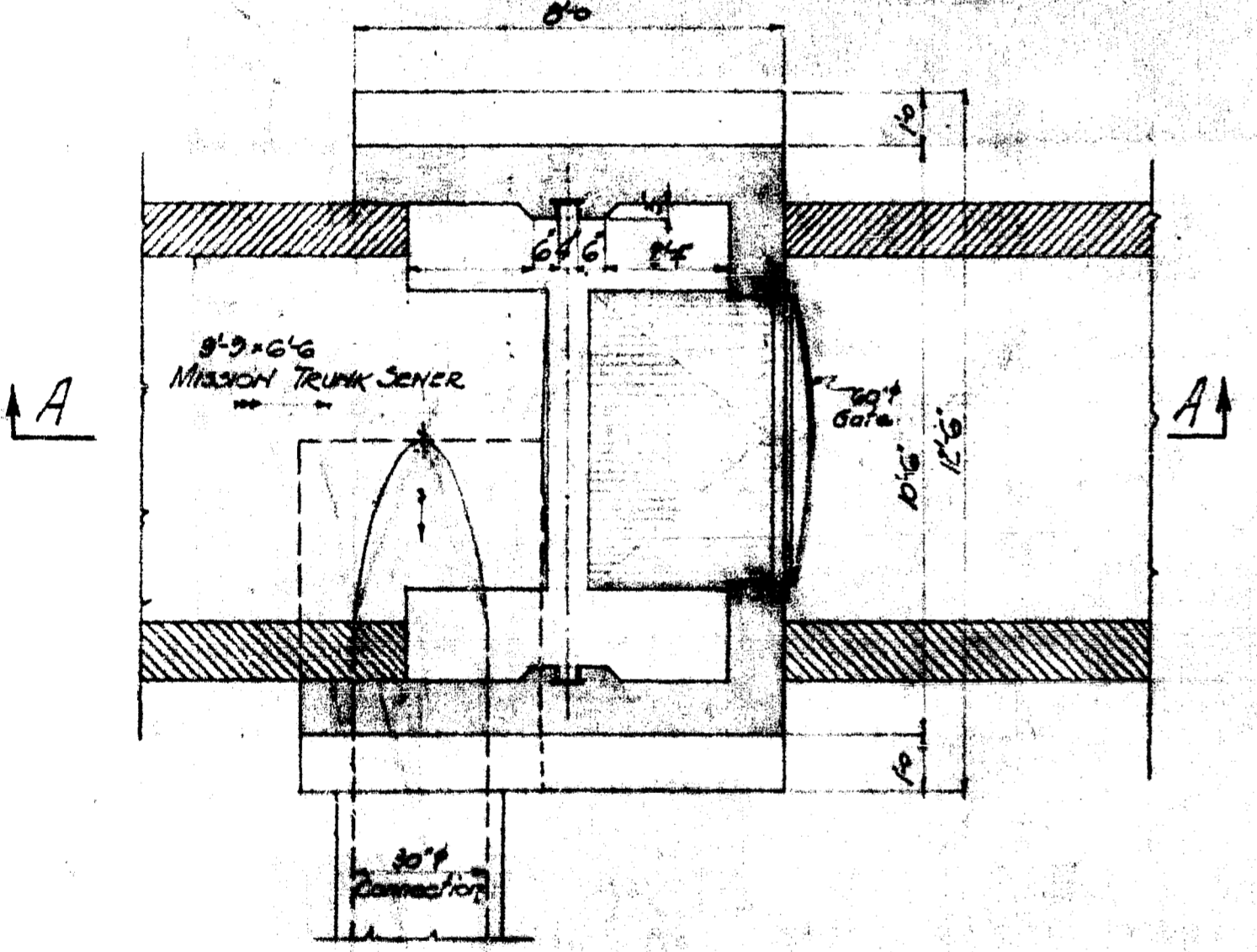
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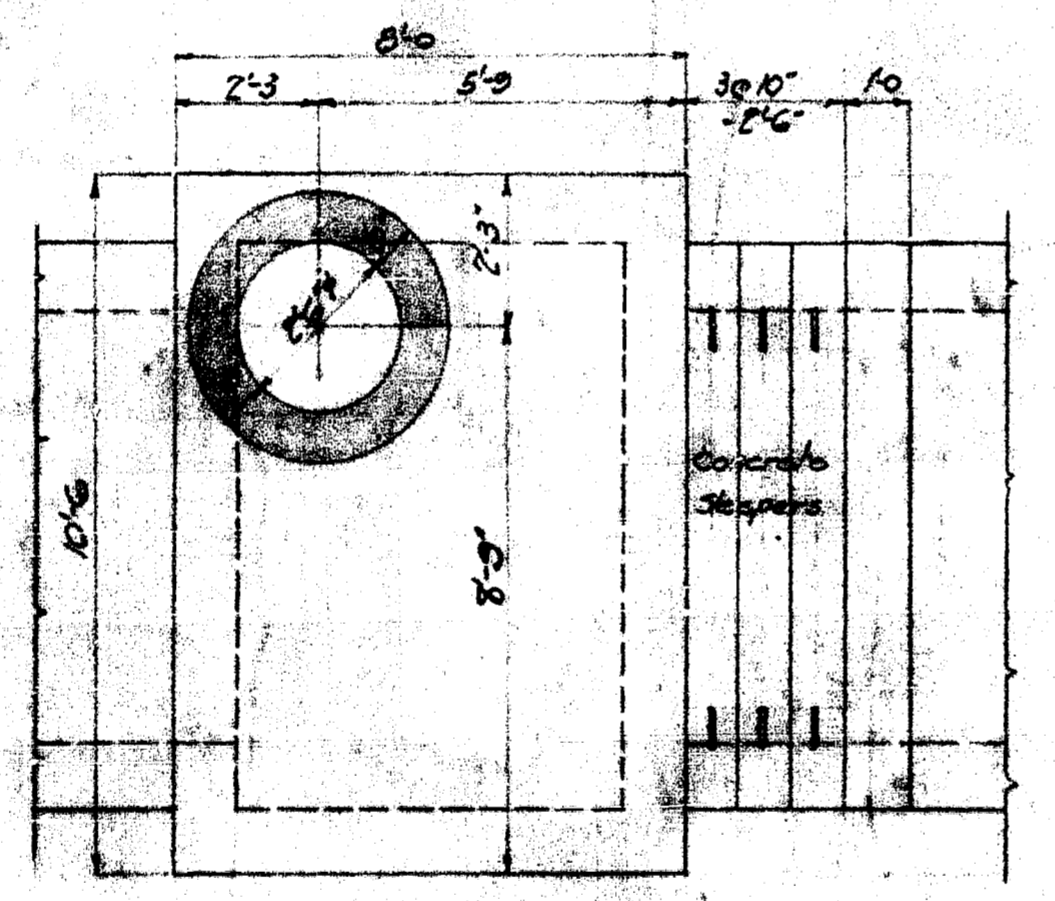
SECTION D-D



VIEW G-G



SECTION B-B



SECTION F-F

APPROVED

GREATER WINNIPEG SANITARY DISTRICT W. E. LEA Consulting Engineer 2, B. Director, 4th Floor S. W. McNamee, S. W. McNamee, S. E. Larkin S. E. Larkin, Director		TITLE: 7108-2-2416 DATE: 1/13/04 SCALE: 1/4" = 1'-0" DRAWN BY: M. J. L. CHECKED BY: M. J. L. APPROVED BY: M. J. L.
APPROVED DATE:	DATE:	DATE: