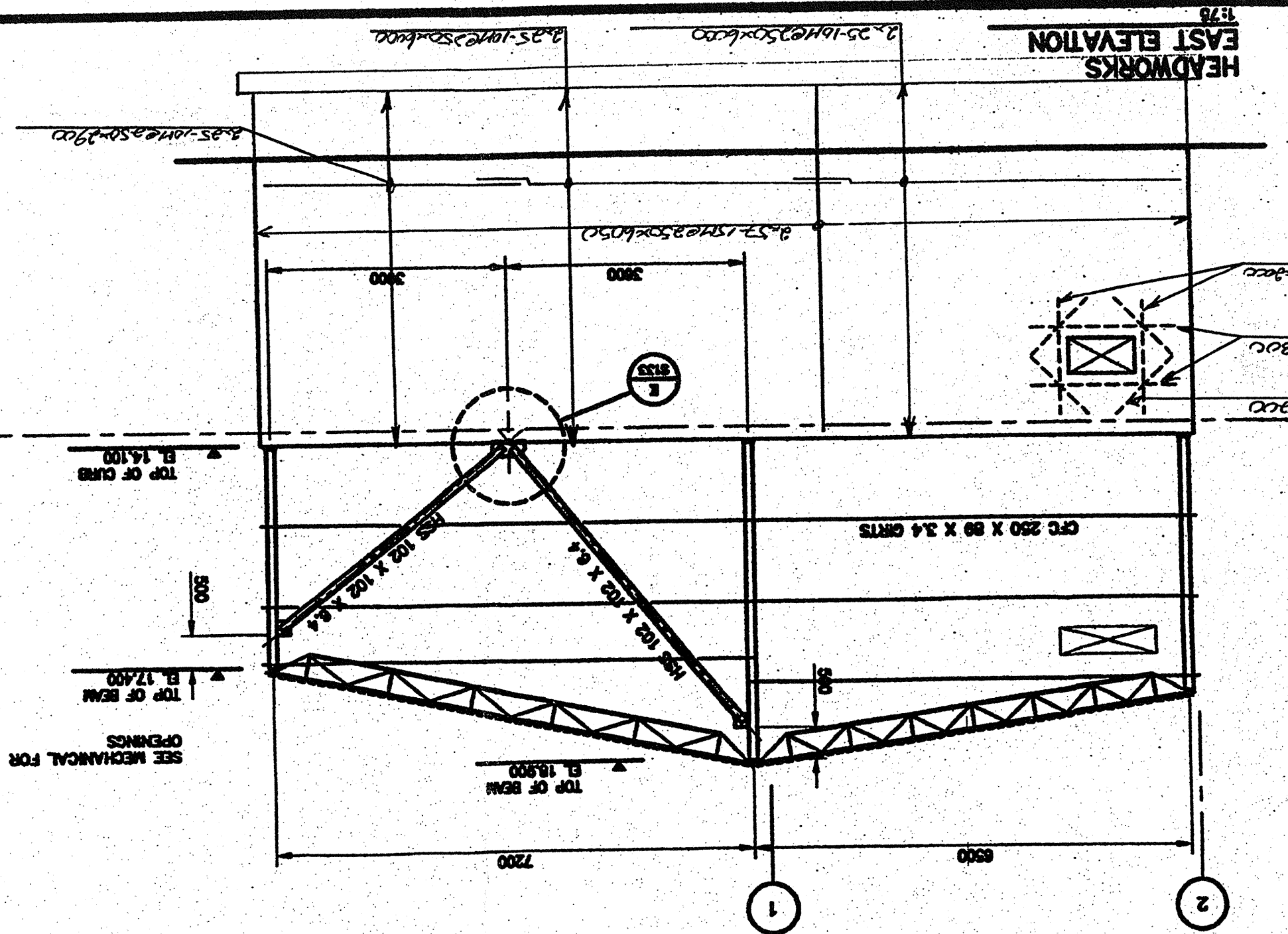
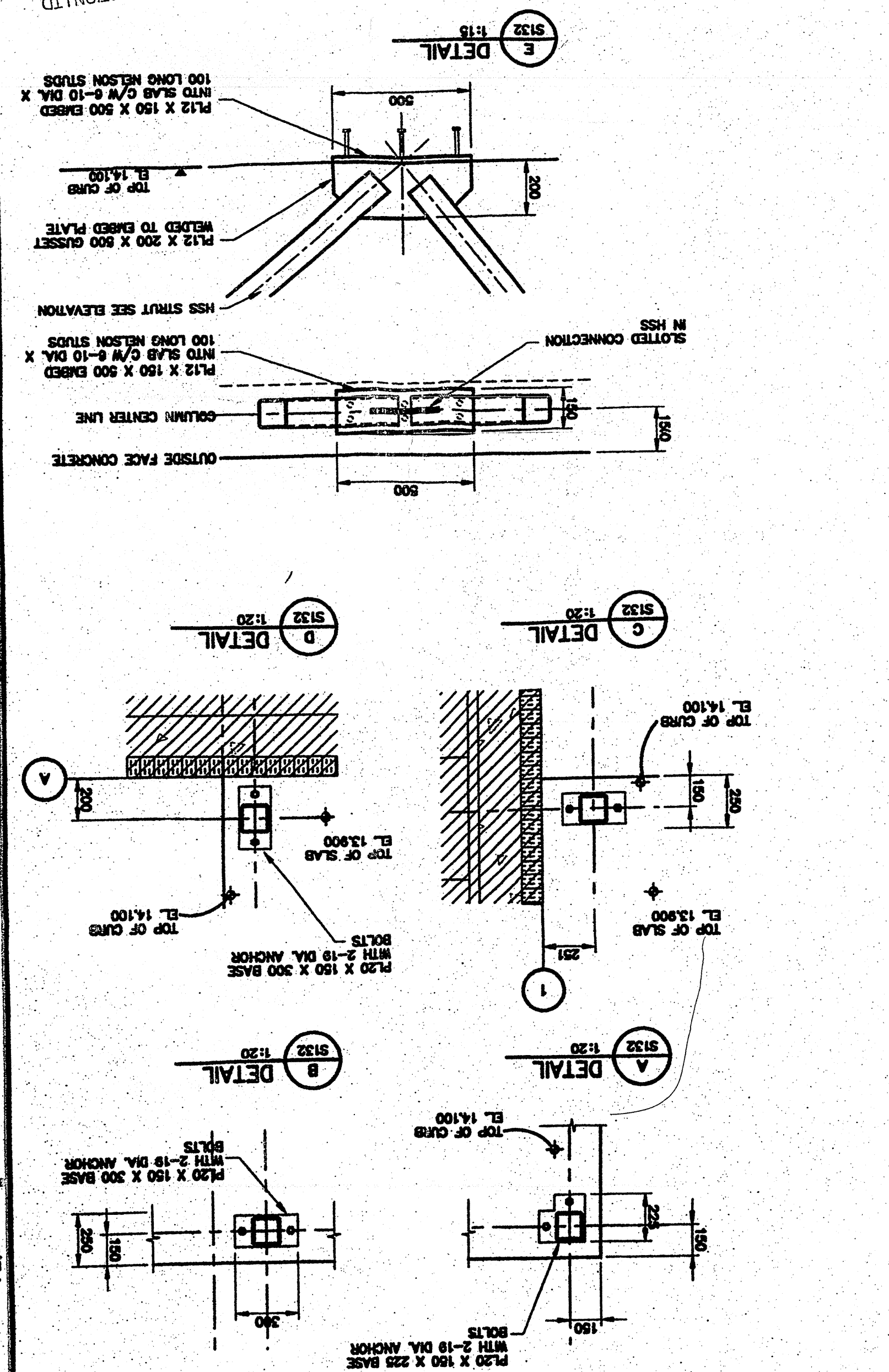
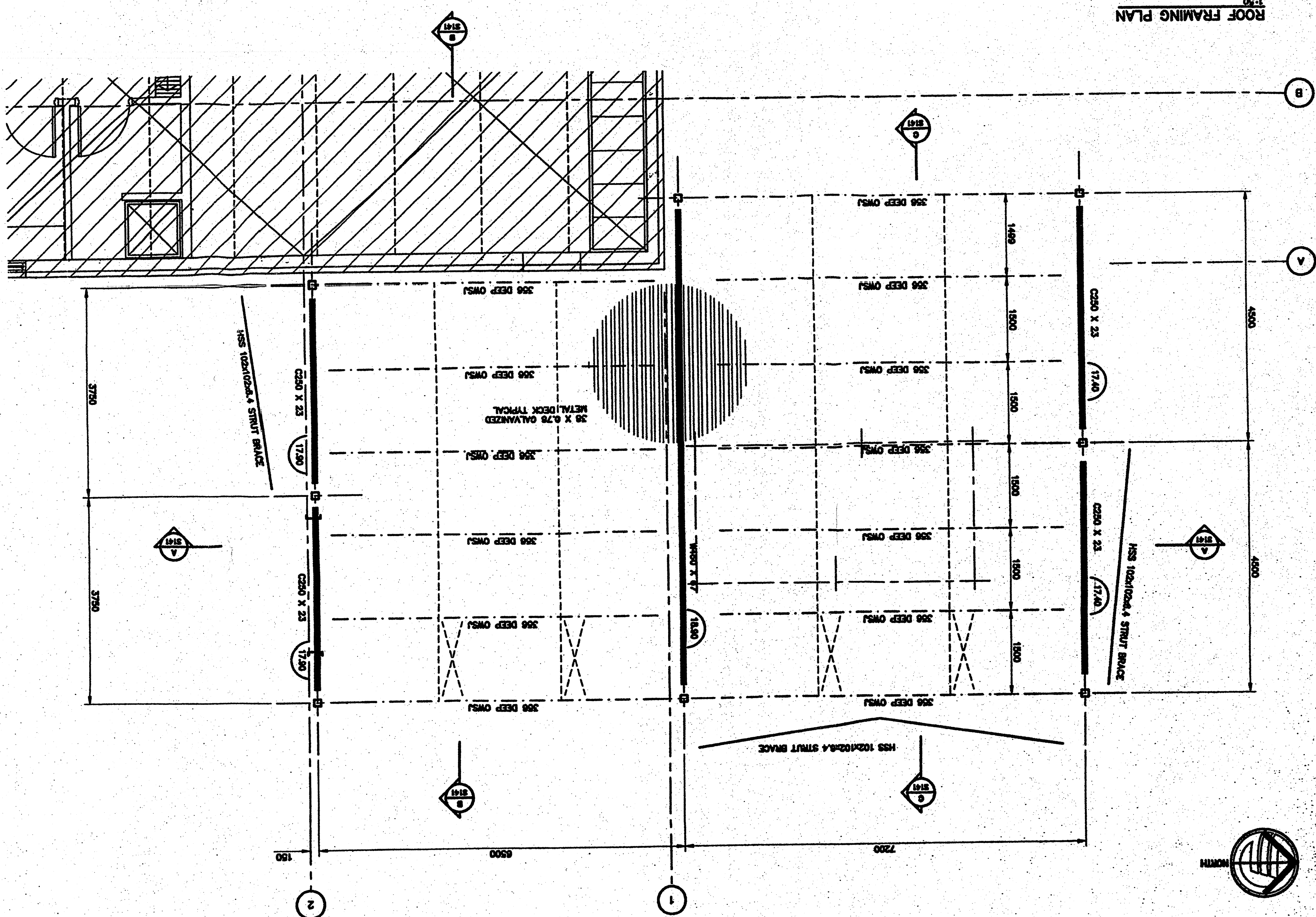
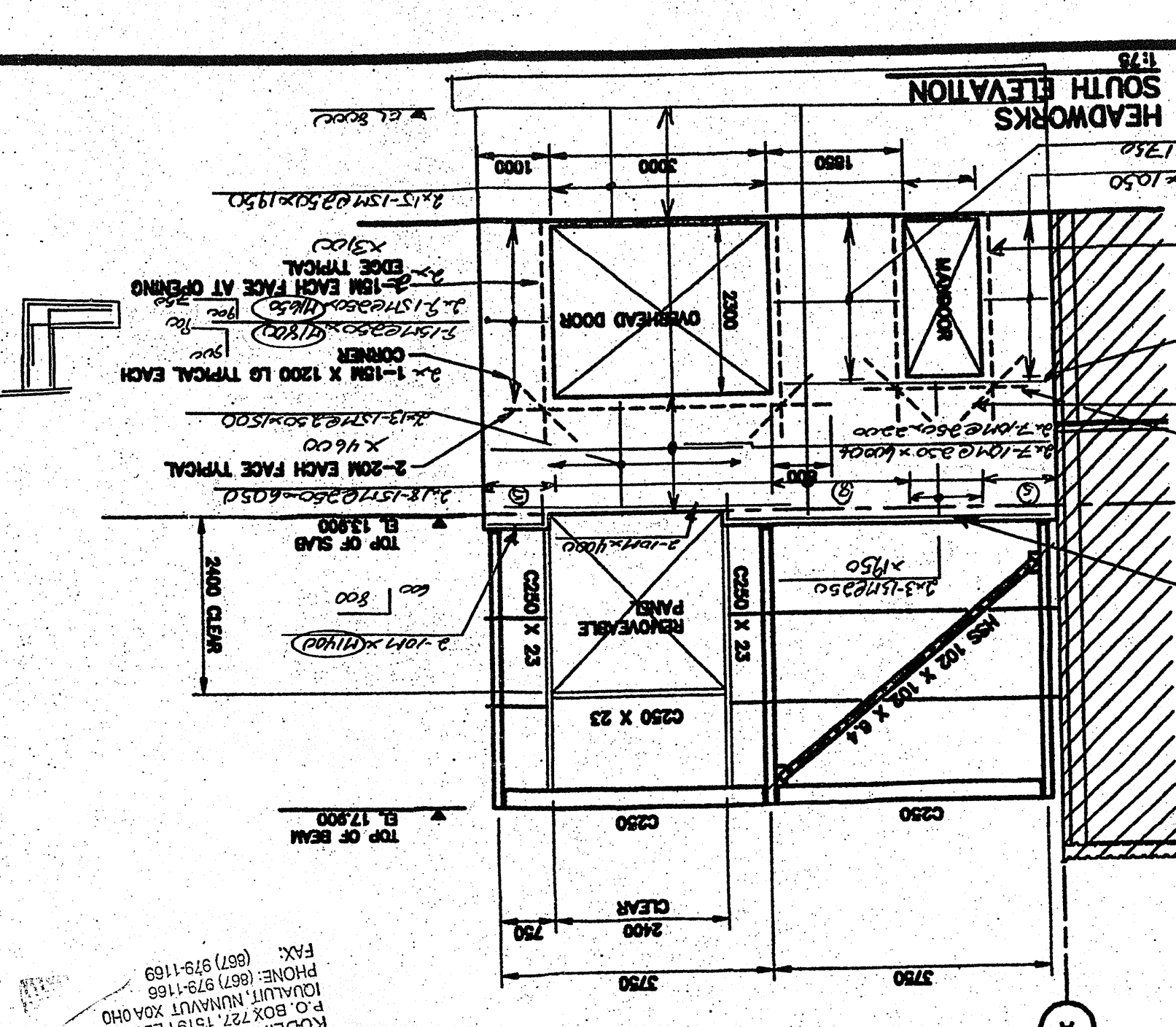
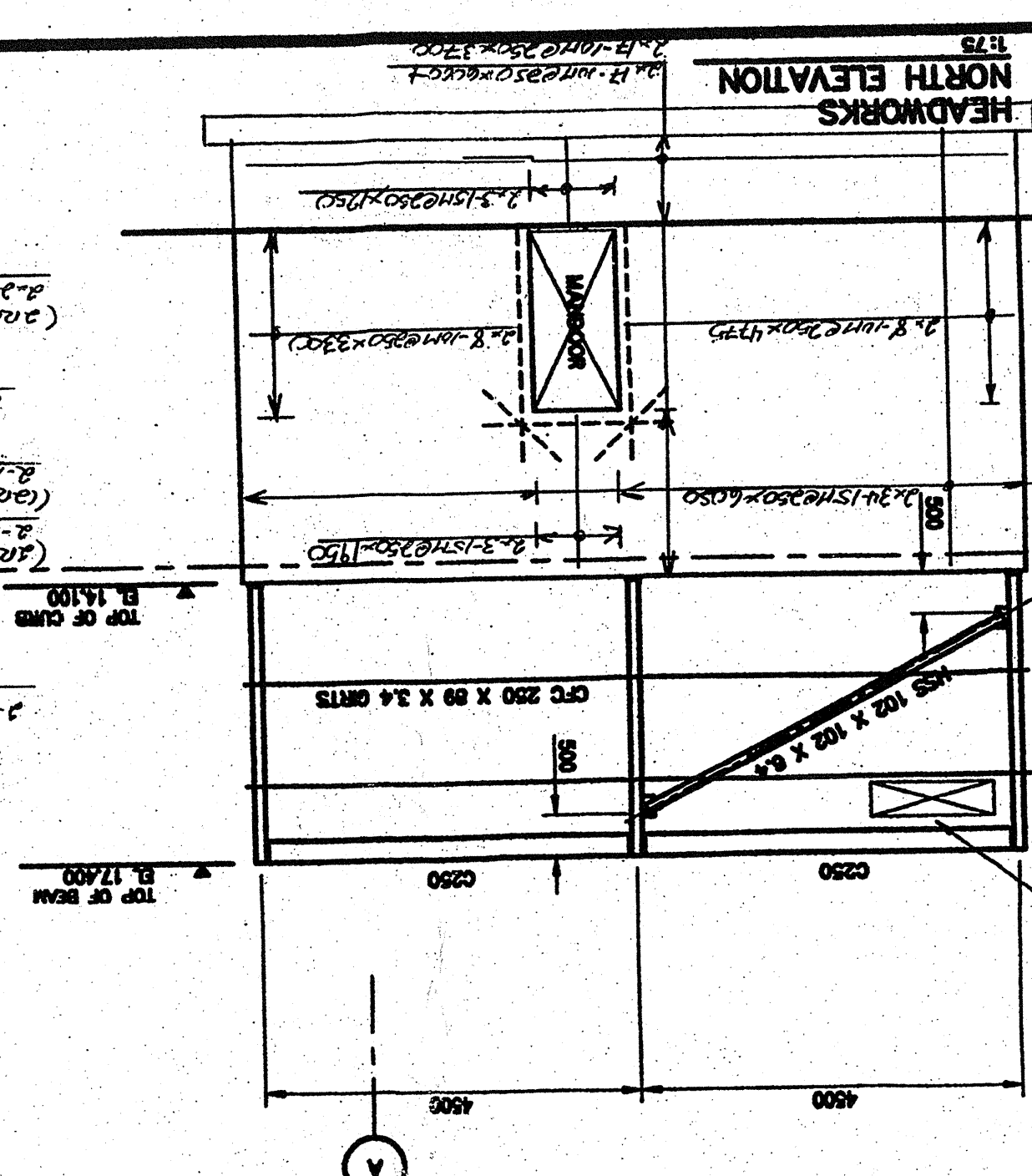




ROOF FRAMING PLAN
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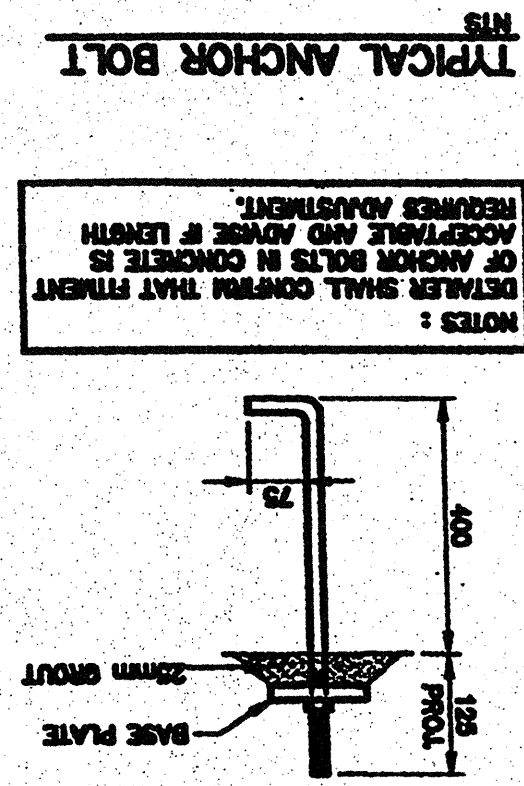


REVISIONS	
No.	Date
0	2005 03/04

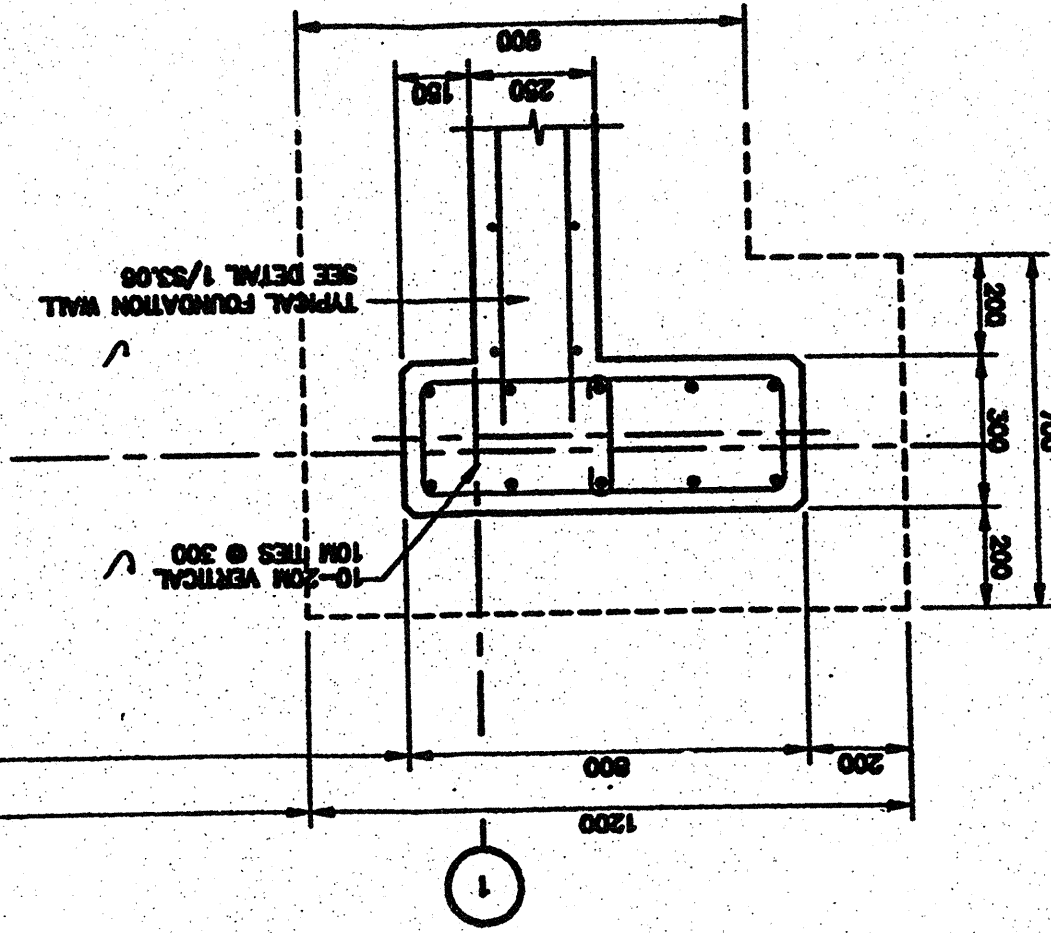
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GIP
TEL.
FAX

Stamp

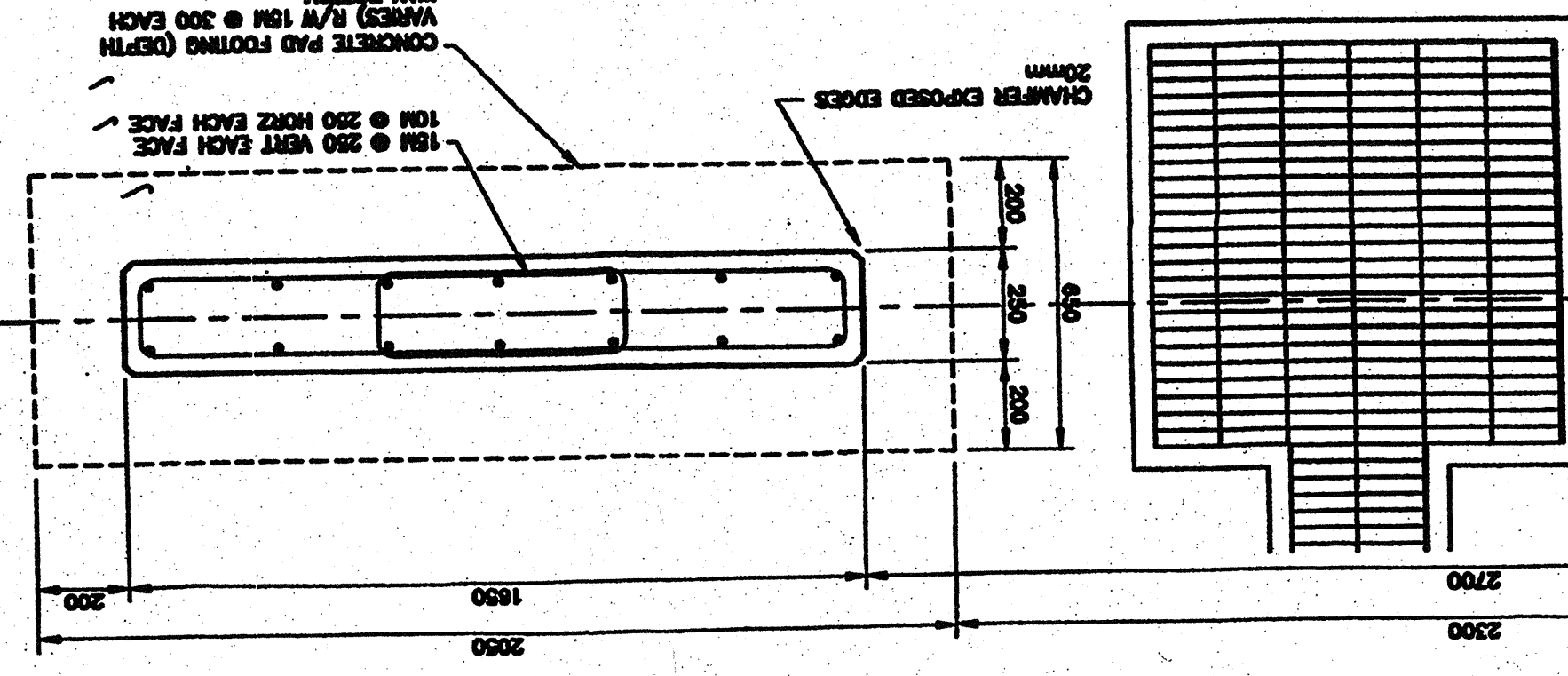
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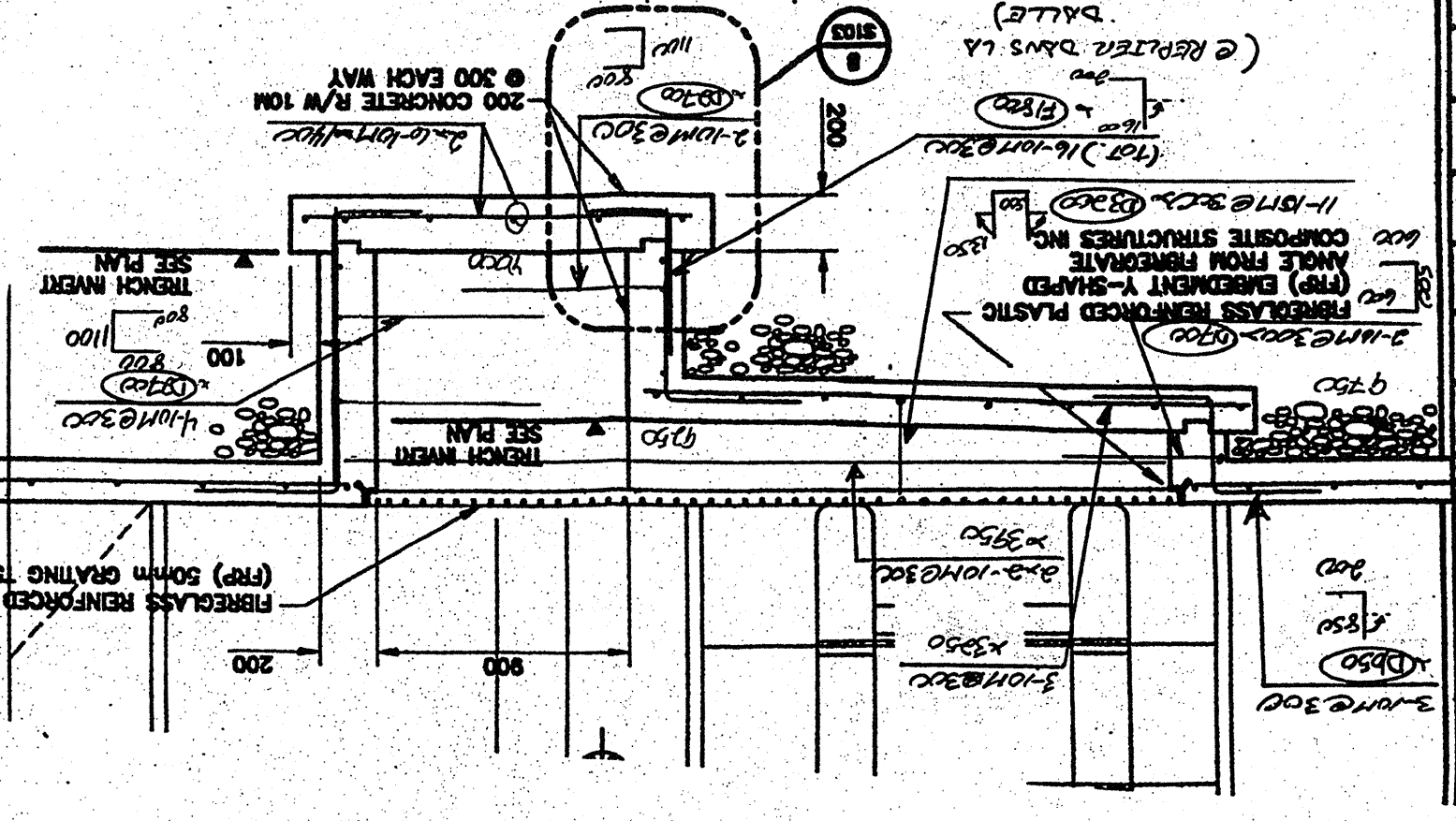
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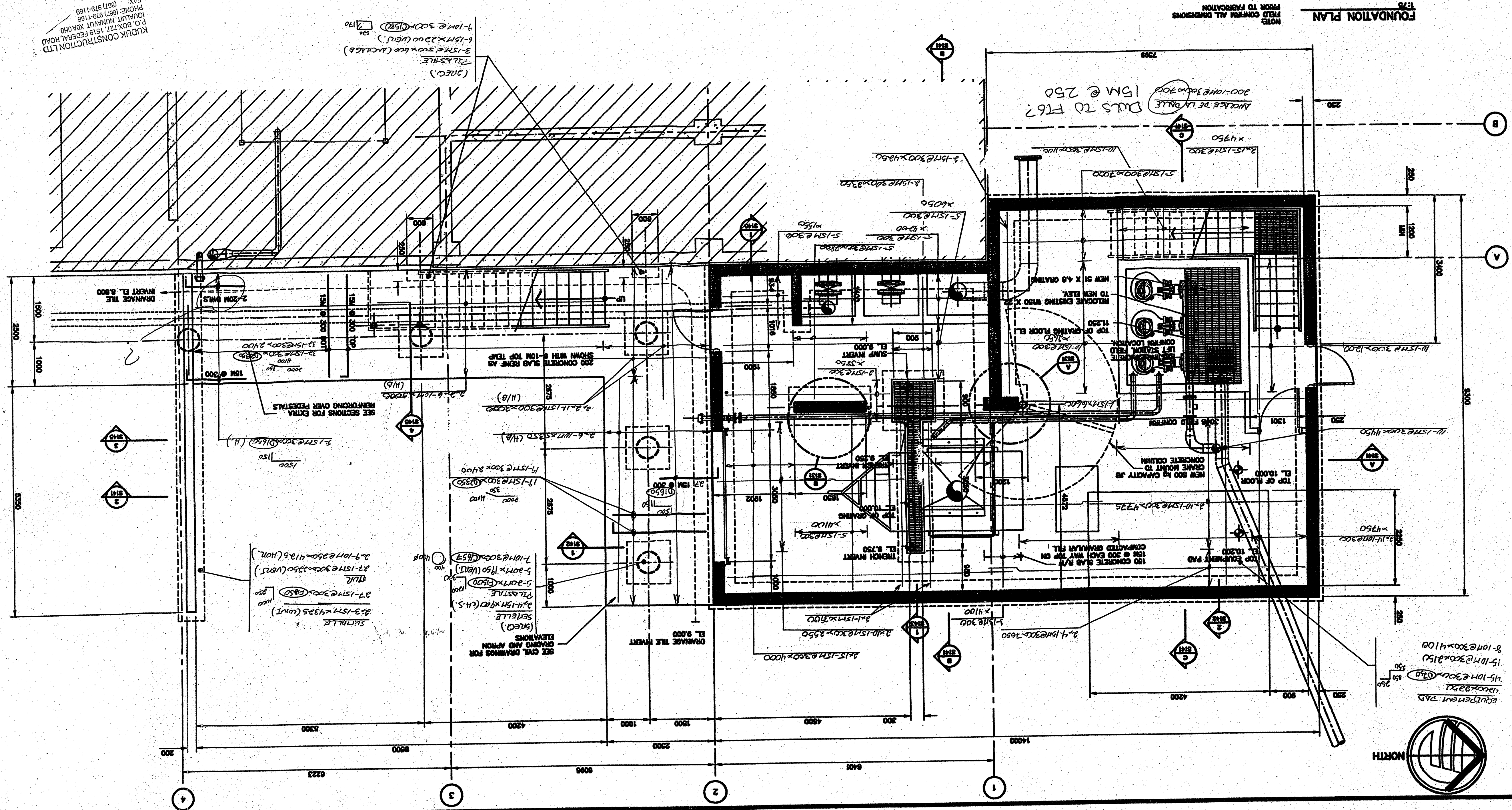
DETAIL



DETAIL 1:15



FOUNDATION PLAN



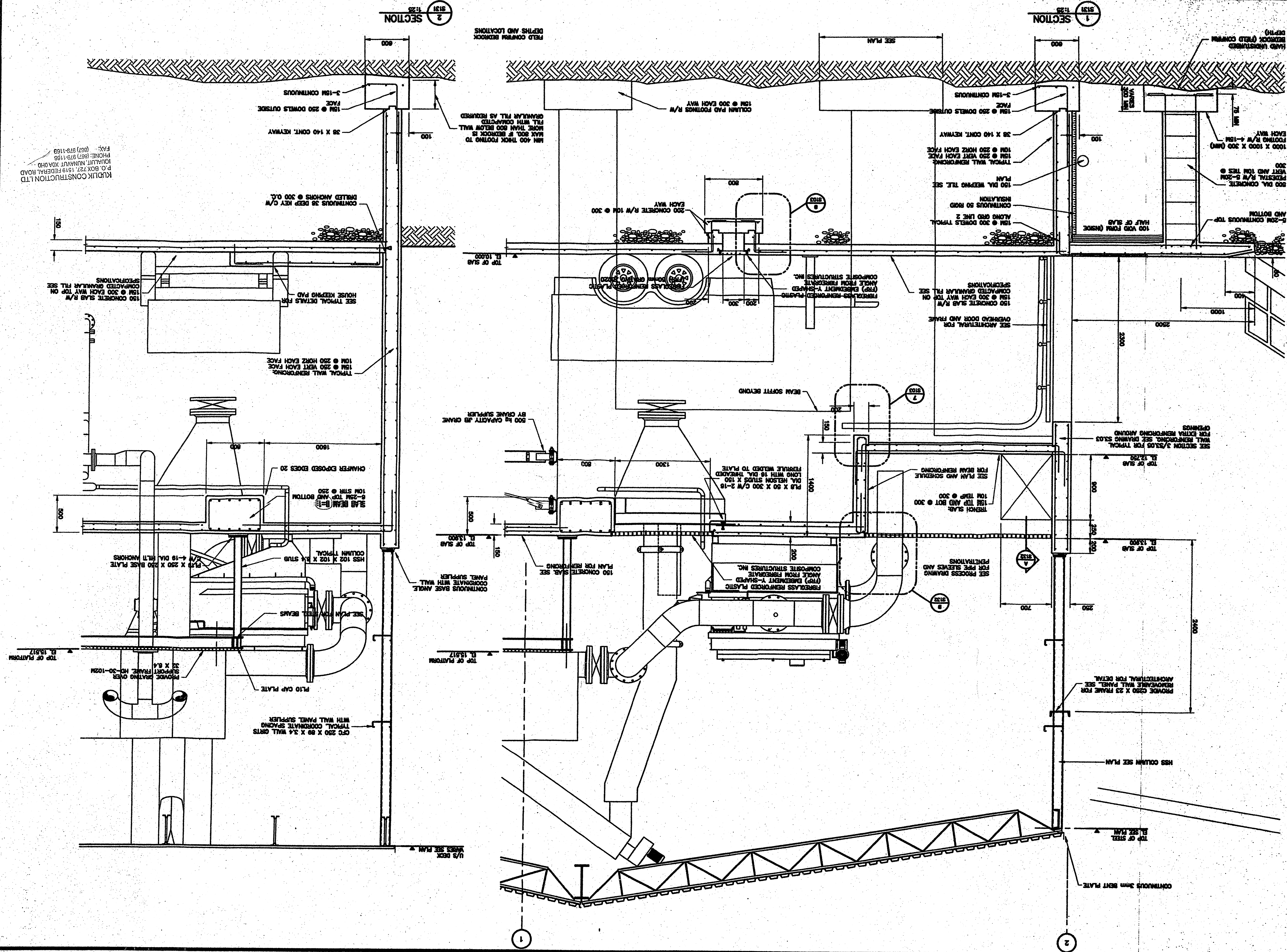
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REVISIONS		
No.	Date	Description
0	2005 03/04	ISSUED FOR TENDER

City of Iqaluit
Nunavut

KUDLUK CONSTRUCTION LTD
P.O. BOX 127, 1519 FEDERAL ROAD
IGUALUIT, NUUNAVUT X0A 0H0
PHONE: (867) 979-1166
FAX: (867) 979-1169

Project Title	CITY OF IQUALUIT WASTEWATER TREATMENT PLANT PHASE 1
Drawing Title	STRUCTURAL FOUNDATION PLAN
Scale	AS NOTED
Project No.	75360
Drawing No.	S131
Revision	0
04.05.04	
Date	



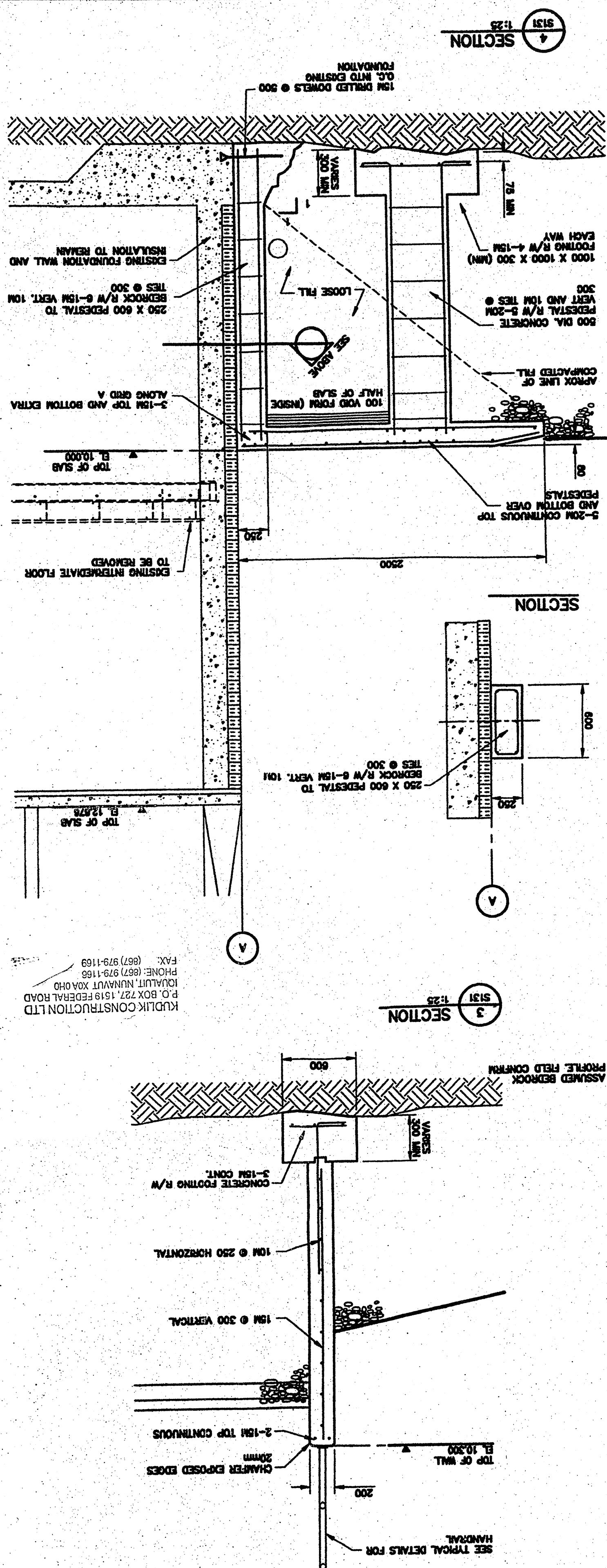
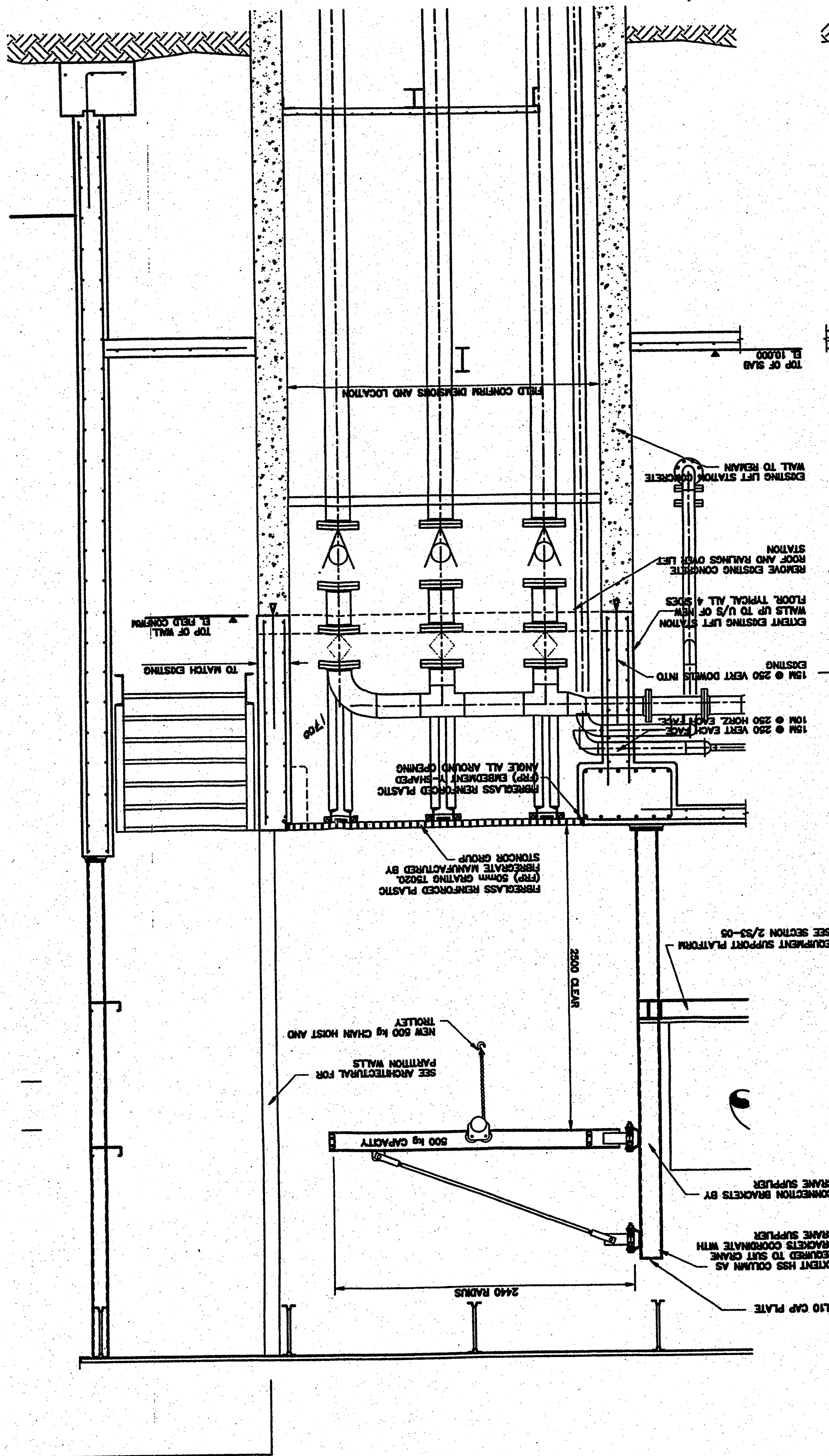
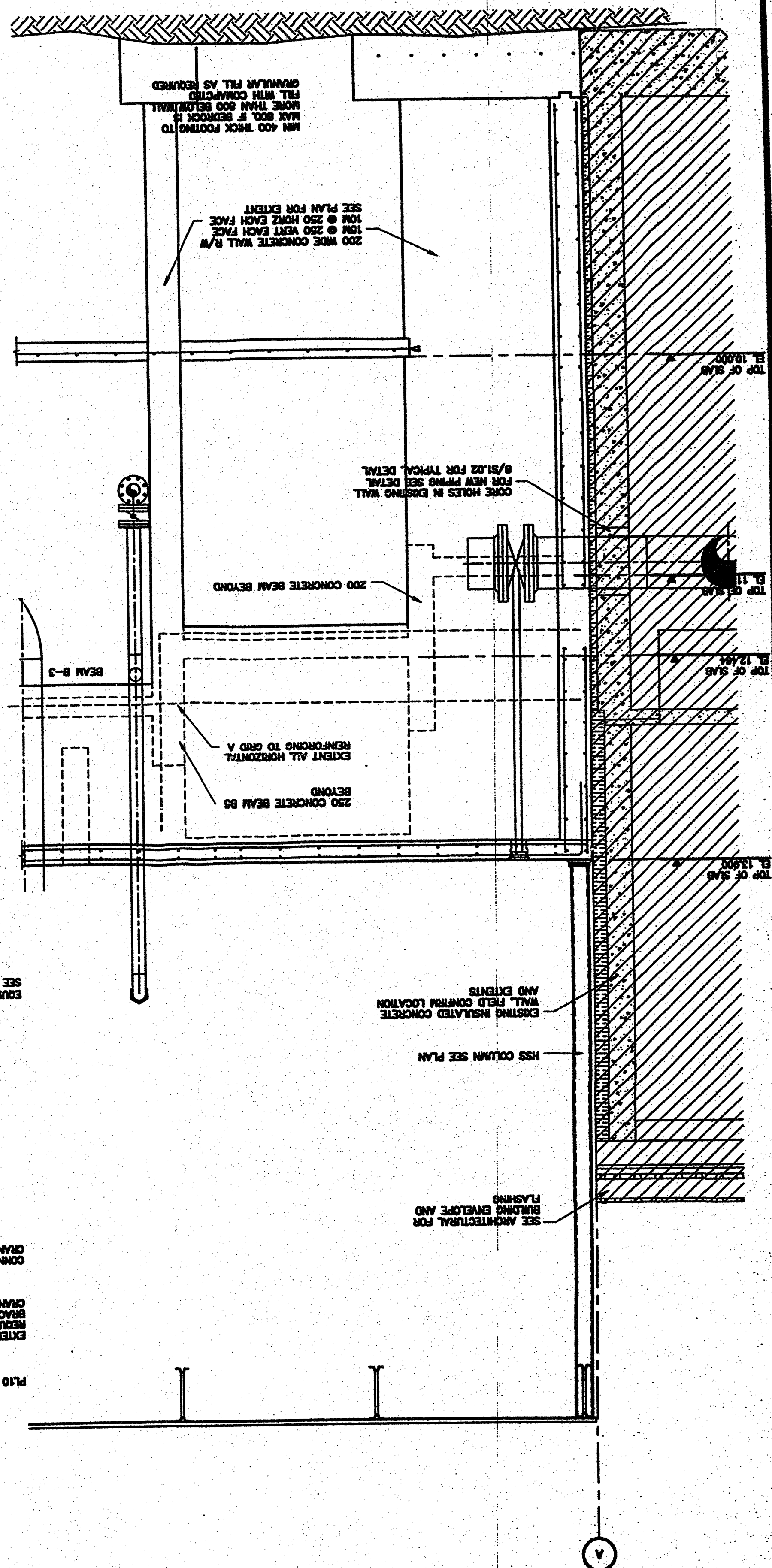
Drawing No. S142		
Project No. 75360		
Date 08.03.05		
Project Title WASTEWATER TREATMENT PLANT PHASE 1		
City of Iqaluit		
Nunavut		
Kudluk Construction Ltd.		
P.O. Box 72, 1519 Federal Road Iqaluit, Nunavut X0A 0H0 Phone: (867) 979-1199 Fax: (867) 979-1199		
Revisions		
No.	Date	Description
0	03/04	ISSUED FOR TENDER
Stamp		
Kudluk Construction Ltd.		
P.O. Box 72, 1519 Federal Road Iqaluit, Nunavut X0A 0H0 Phone: (867) 979-1199 Fax: (867) 979-1199		

Design	
Drawn	
Approved	1
Checked	
Project Title	CITY OF IQUILIT WASTEWATER TREATMENT PLANT PHASE 1
Drawing Title	STRUCTURAL SECTIONS AND DETAILS
Scale	AS NOTED
Project No.	75380
Drawing No.	5143
Revision	0
Date	09.03.06



Kajaluit
CITY of Iqaluit,
Nunavut

KUDLIK CONSTRUCTION LTD
P.O. BOX 727, 1519 FEDERAL ROAD
ICUALUIT, NUNAVUT X0A 0H0
PHONE: (867) 979-1166
FAX: (867) 979-1169



REVISIONS		
No.	Date	Description
0	2006 03/04	ISSUED FOR TENDER

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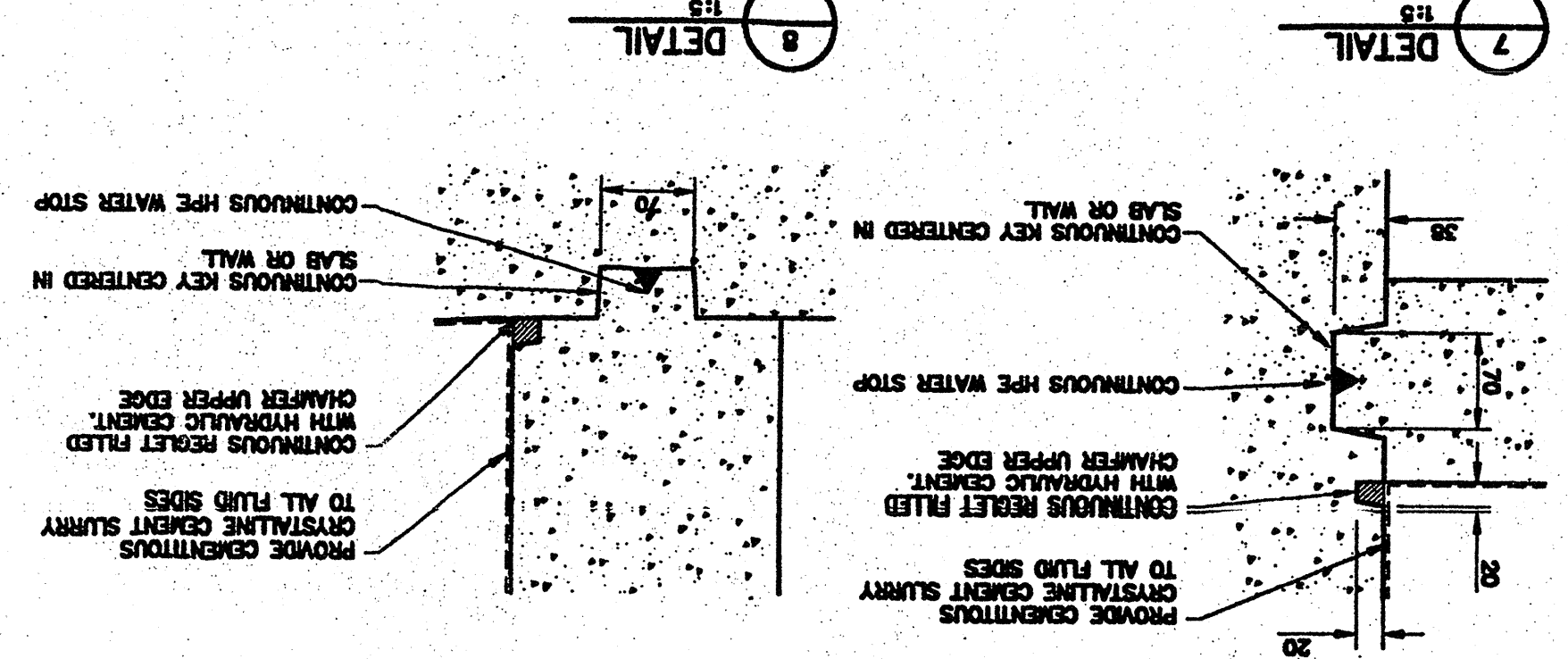
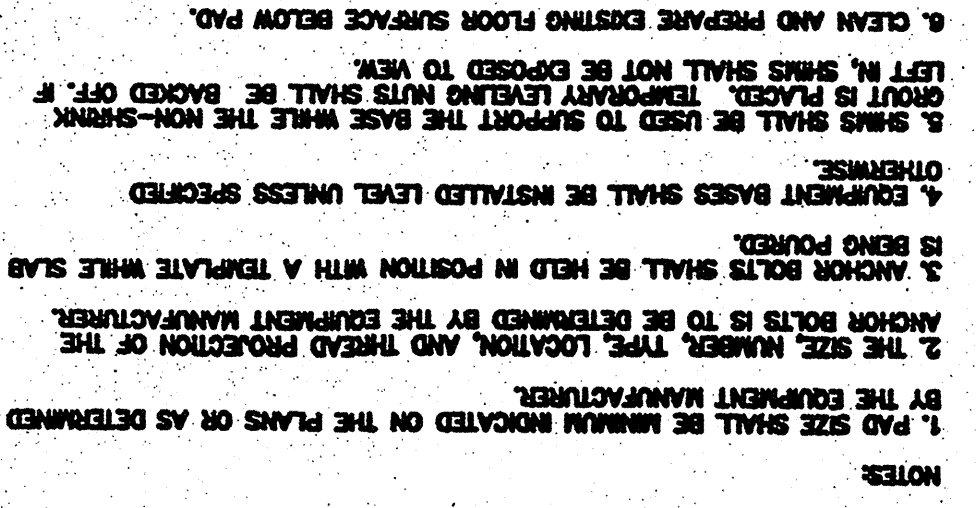
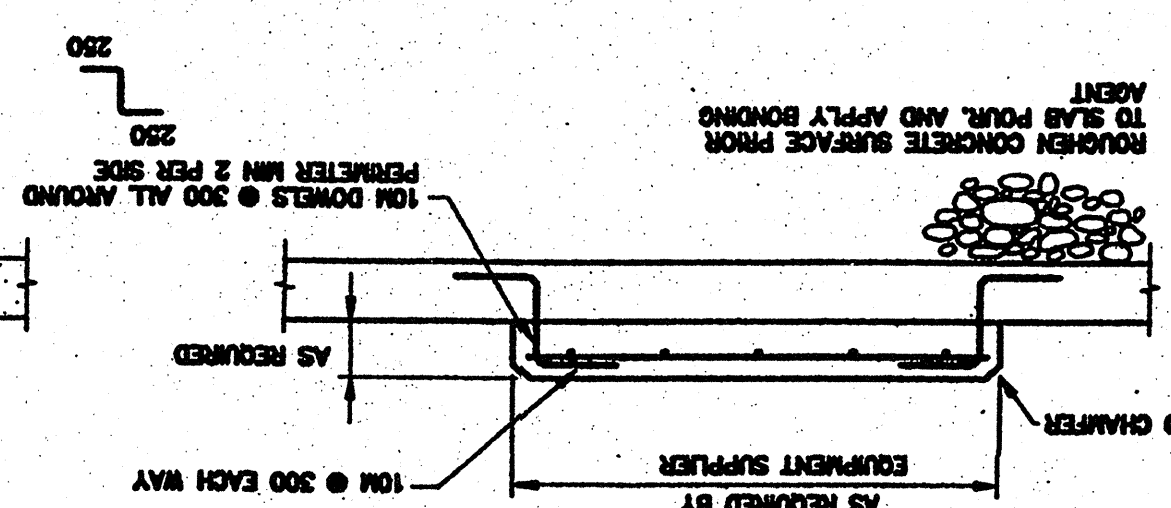
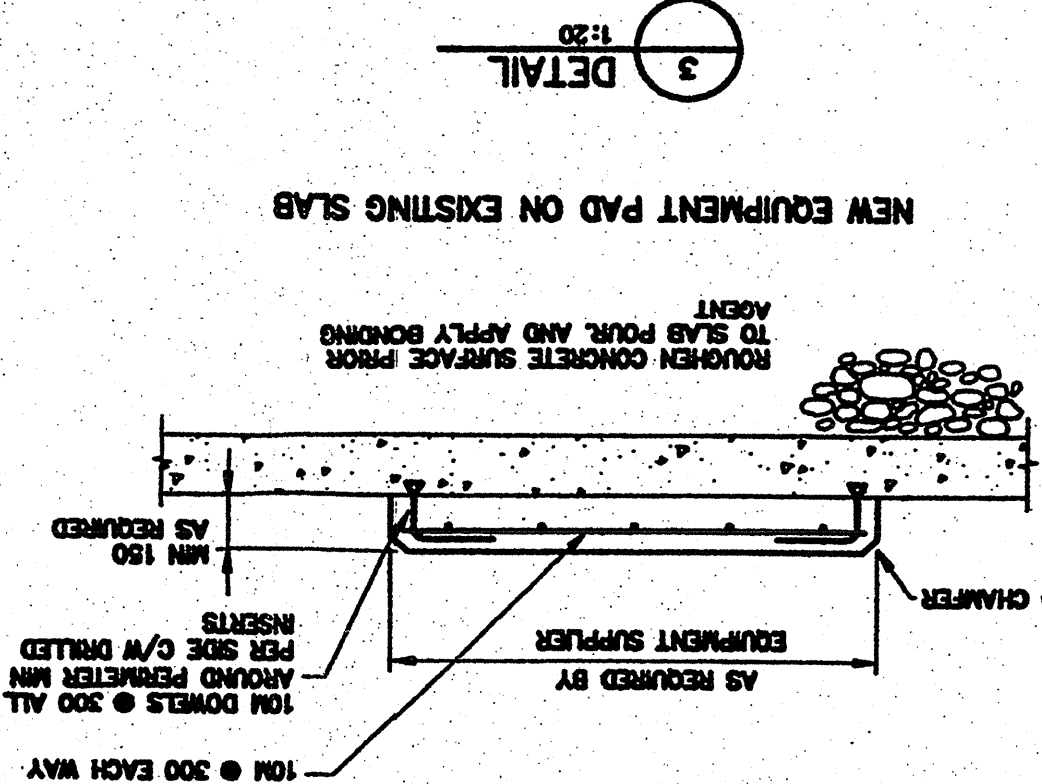
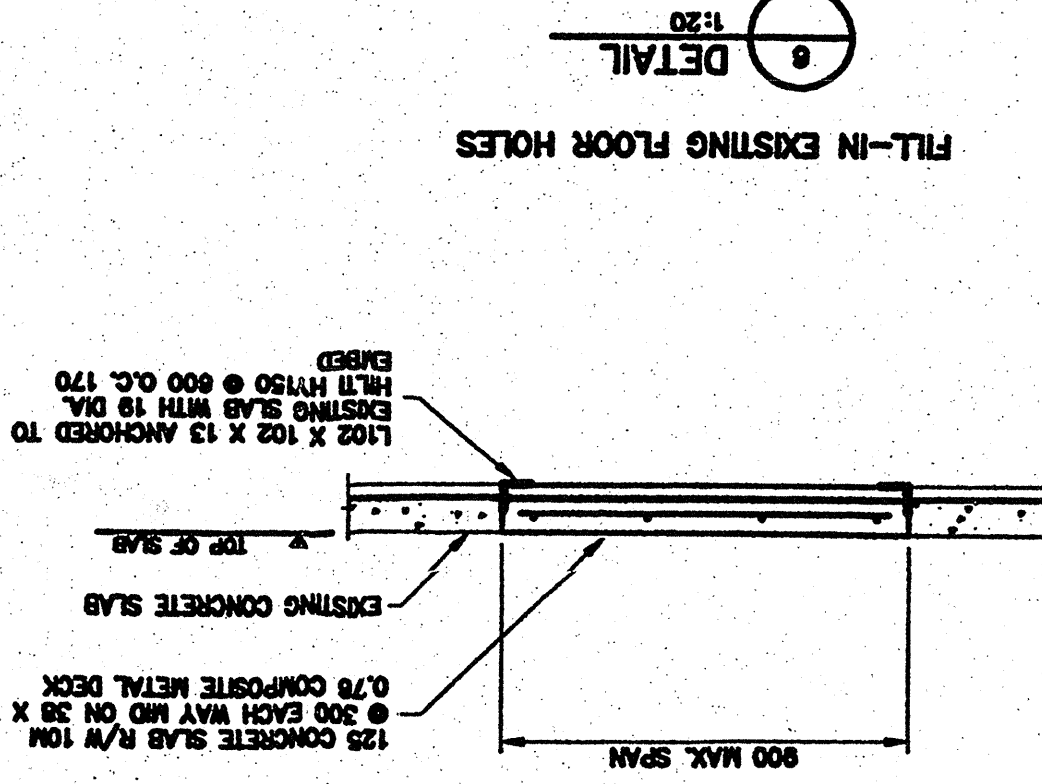
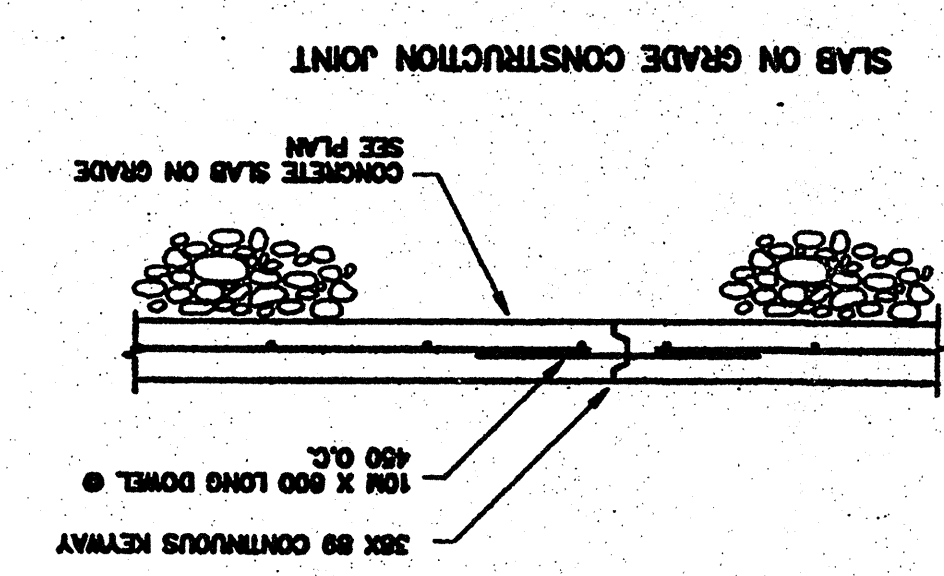
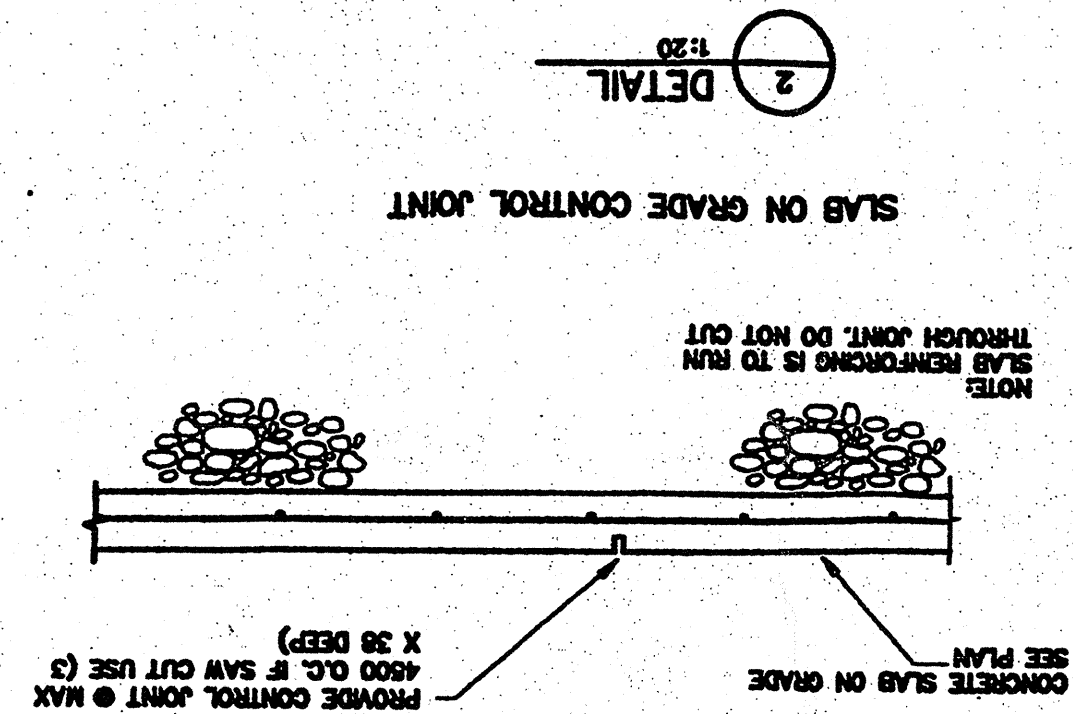
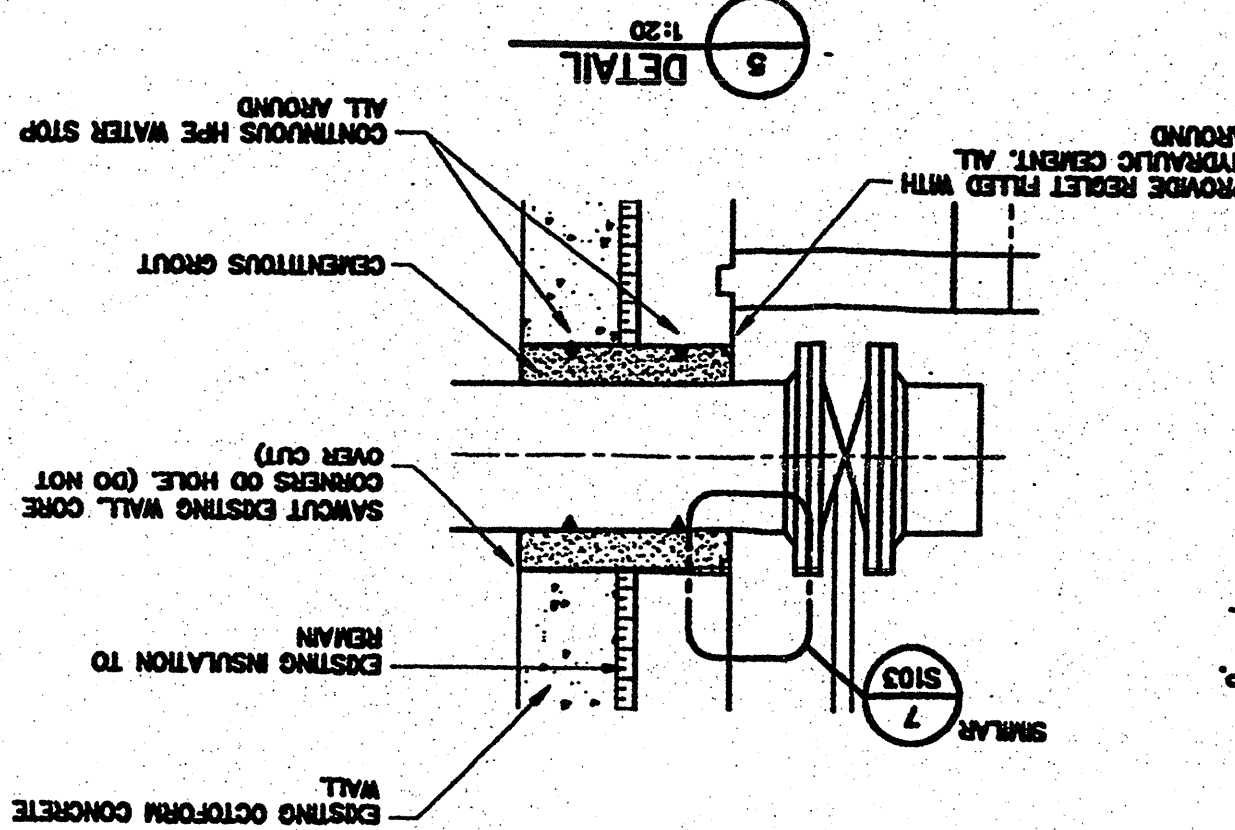
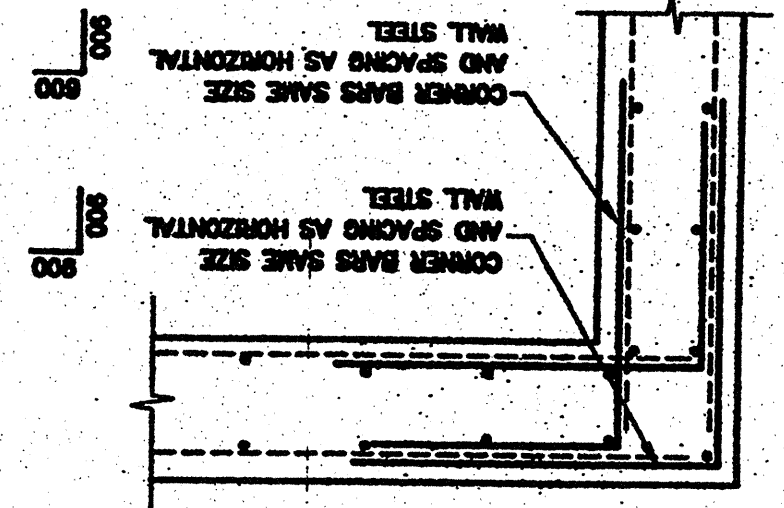
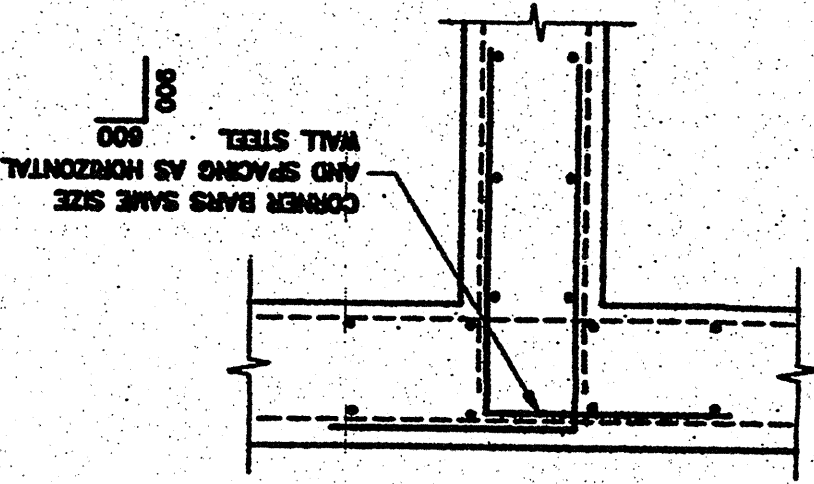
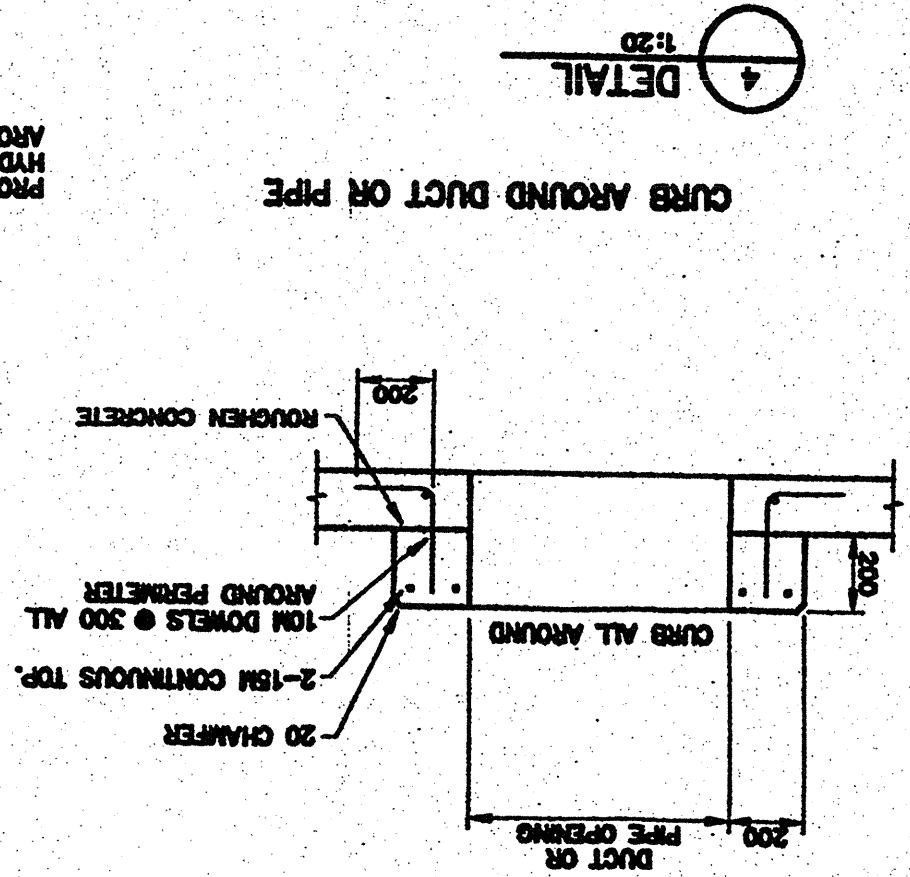
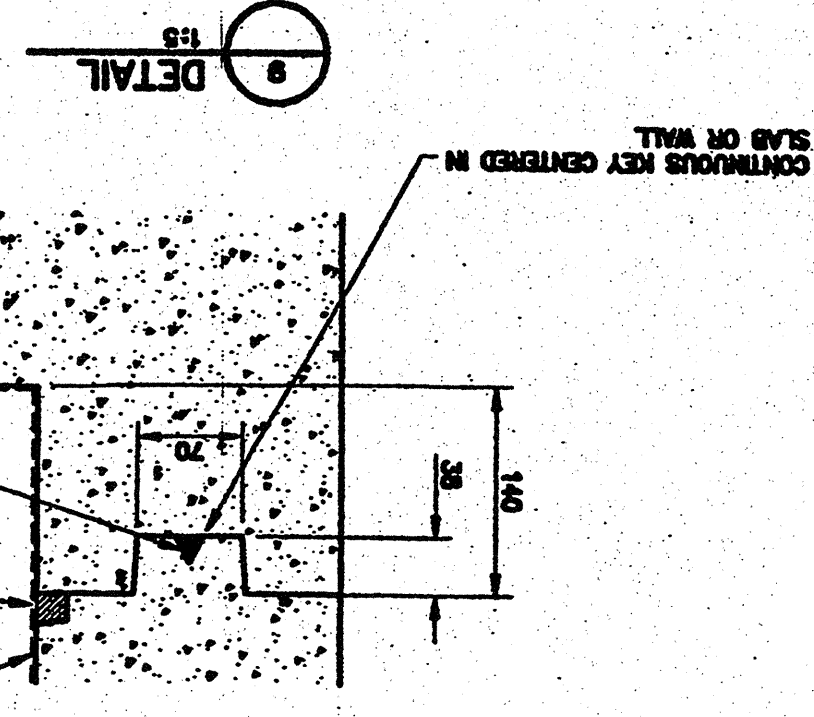
KUDLIK CONSTRUCTION LTD
P.O. BOX 727, 1519 FEDERAL ROAD
IQUALUIT, NUUNAVUT X0A 0H0
PHONE: (867) 979-1166
FAX: (867) 979-1169



CITY OF IOWA
WASTEWATER
TREATMENT PLANT
PHASE 1

STRUCTURAL SECTIONS AND DETAILS

S145



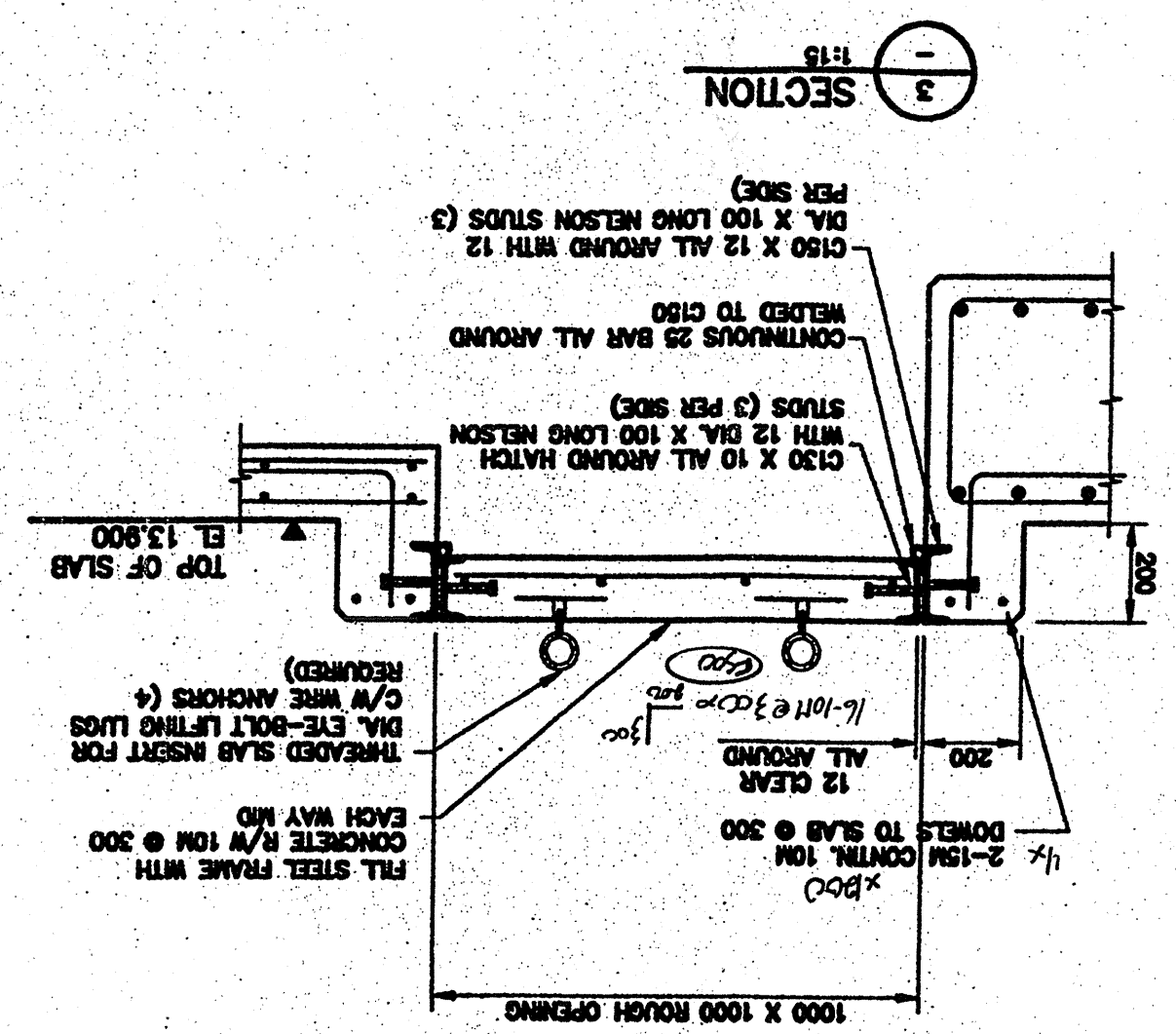
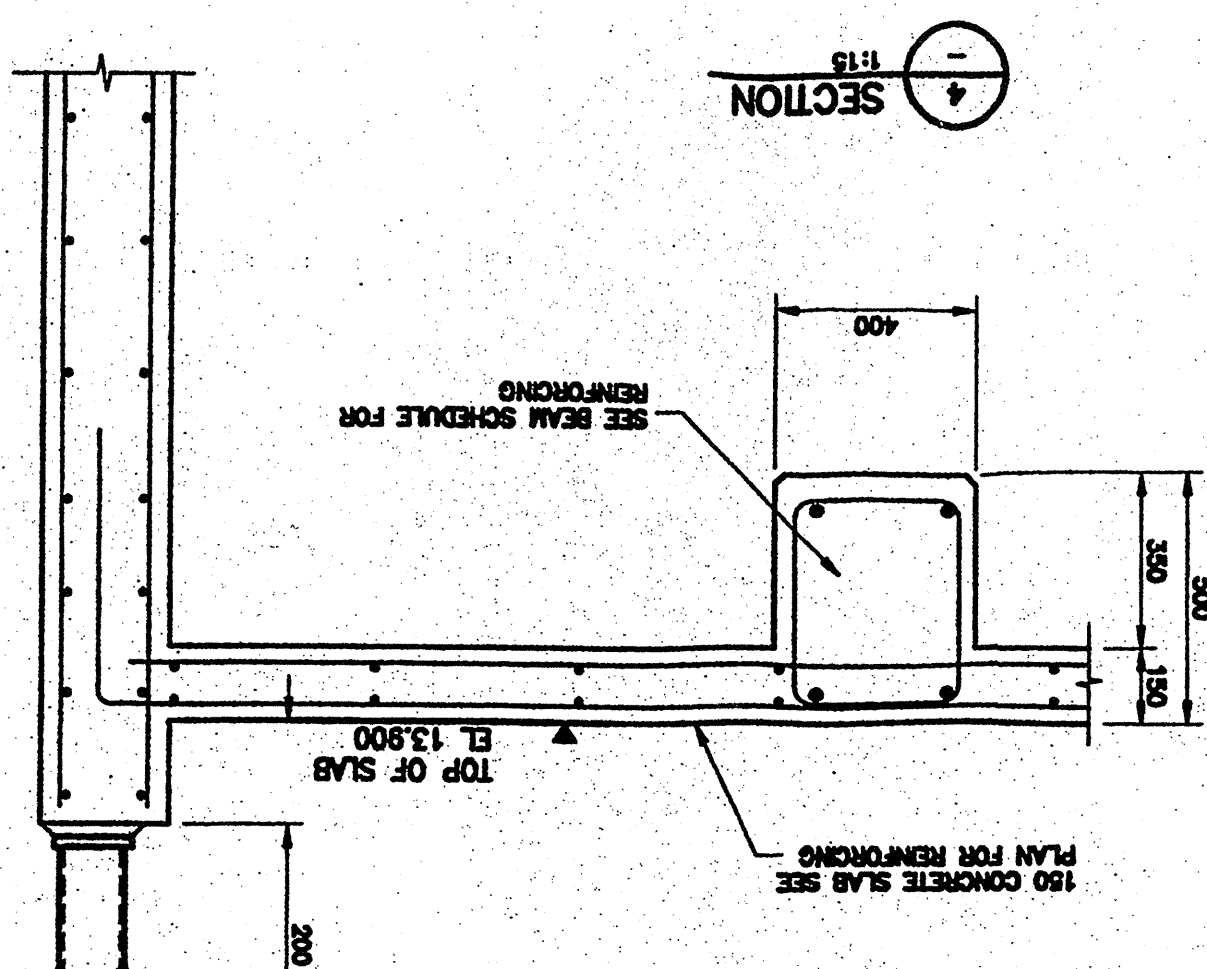
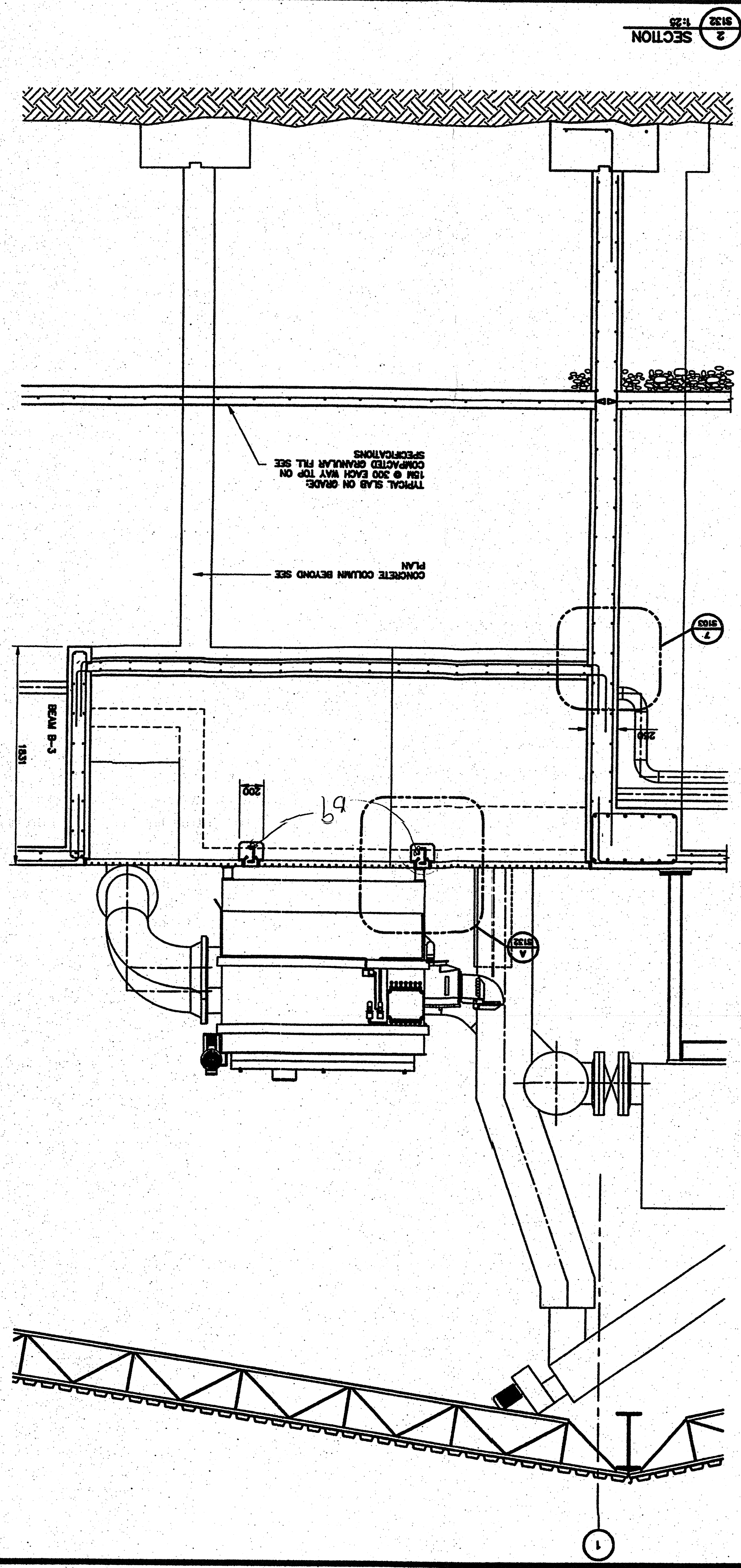
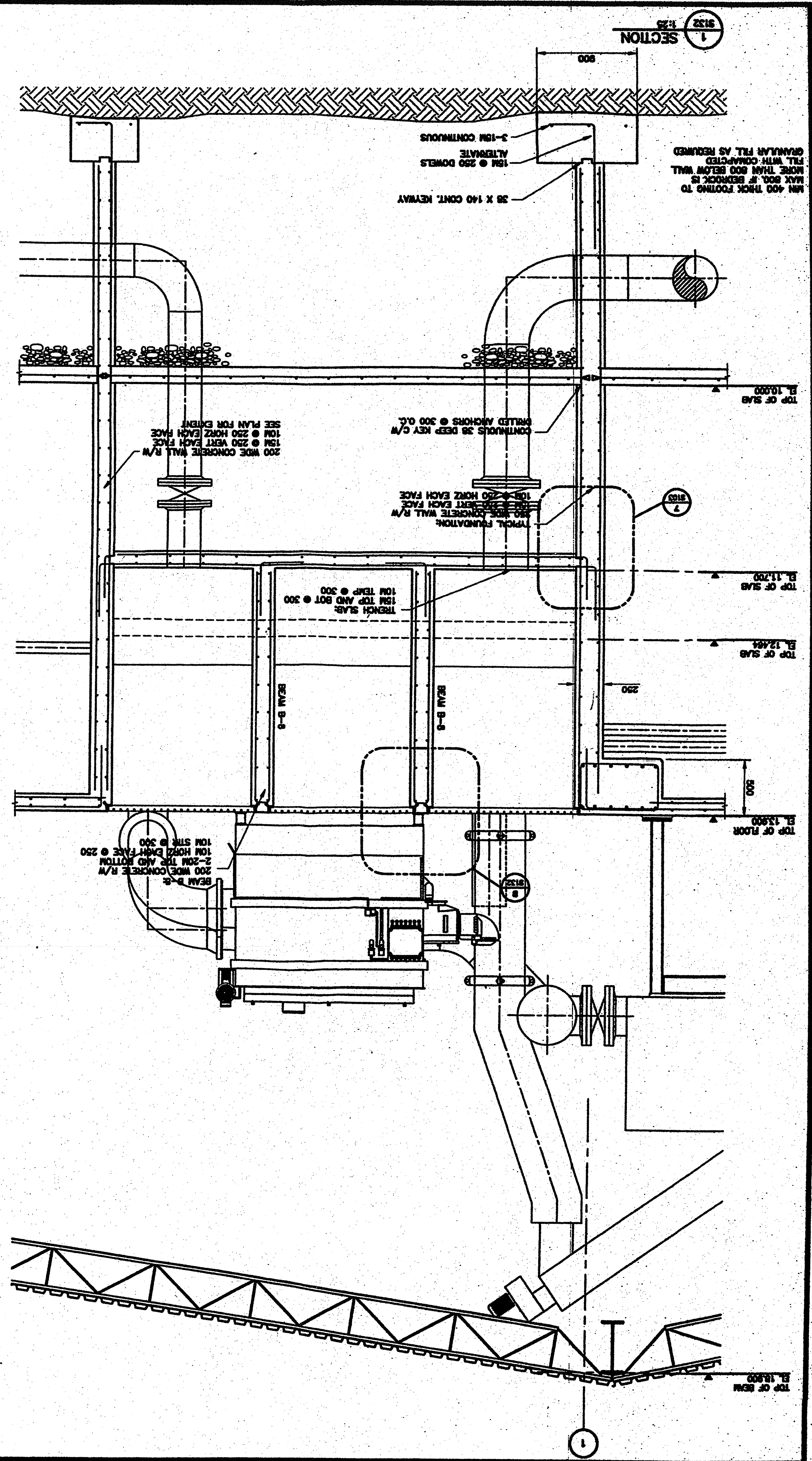
KUDLUK CONSTRUCTION LTD
P.O. BOX 727, 1519 FEDERAL ROAD
IOQUAIT, NUUNAVUT X0A 0H0
PHONE: (867) 973-1159
FAX: (867) 973-1159

0
Revision
75360
Project No.
AS NOTED
Scale
TYPICAL DETAILS
STRUCTURAL
Drawing Title
PHASE 1
TREATMENT PLANT
WASTEWATER
CITY OF IOQUAIT
Project Title
Checked
Approved
Drawn
Design

REVISIONS

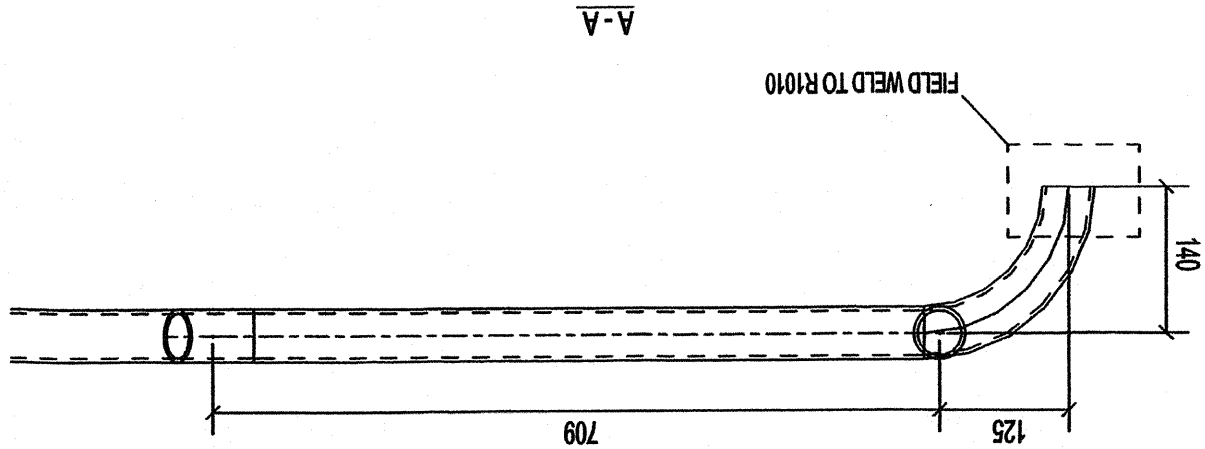
No.	Date	Description
0	03/04	ISSUED FOR TENDER

Stamp
ECAN
1 de Ader AGF Inc.
3 Av. rue Newton
Abec. Quebec
G1P 4C4
TEL: (418) 877-7715
FAX: (418) 877-9596



Stamp		ACIER ECAN Division de Acier AGF Inc.) 115, avenue Newton Québec (Québec) G1P 4G4 TEL: (418) 877-7715 FAX: (418) 877-9596	
Revisions		No. Date Description	
0		2005 03/04 ISSUED FOR TENDER	

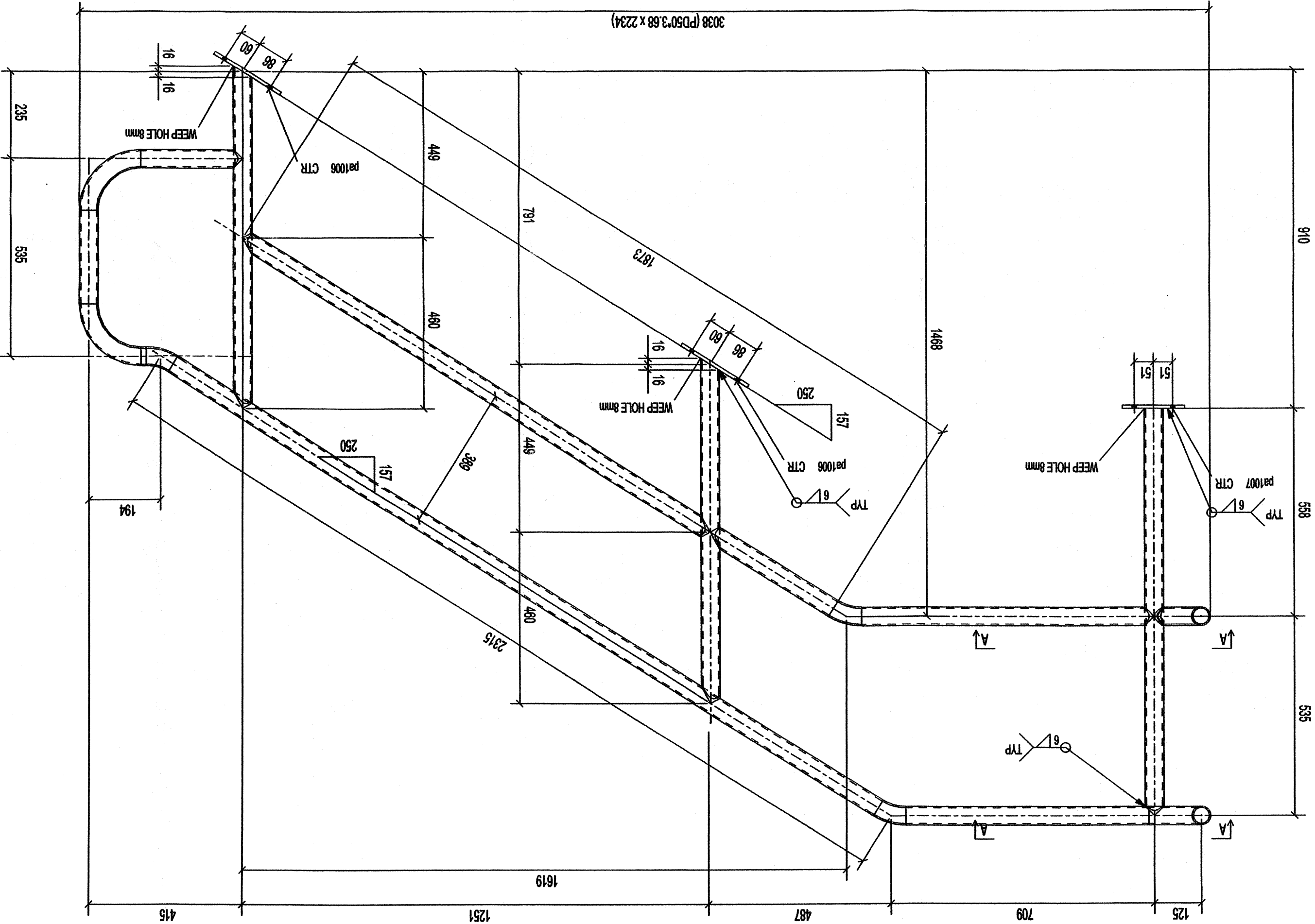
QTE	DESCRIPTION
6	BOLT 3/8" DIA A307 1"3/4



QTE	MARQUE	DESCRIPTION	LONG.	REMARKS
1	pa1007	PL3X64	166	
2	pa1006	PL3X64	210	
1	ma1080	PD50'3.68	200	
2	ma1088	PD50'3.68	925	
1	ma1066	PD50'3.68	1083	
1	ma1039	PD50'3.68	654	
1	ma1038	PD50'3.68	788	
1	ma1037	PD50'3.68	386	
1	ma1036	PD50'3.68	1483	
1	ma1035	PD50'3.68	275	
1	ma1034	PD50'3.68	255	
1	ma1033	PD50'3.68	14	
3	ma1030	PD50'3.68	79	
3	ma1029	PD50'3.68	220	
1	R1009	PD50'3.68	2234	
1	R1009	RAIL		

1 - RAIL - R1009

***9180mm TOTAL RAIL LENGTH NEEDED (GROSS)



DIV	GRID LOC.	ELEV.
1	A/Z-3'	+12.303

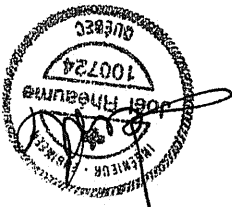
CERTIFIÉ ISO 9002

REVIEWED ACCORDING TO THE REQUIREMENTS OF THE GENERAL CONDITIONS OF THE CONTRACT. ANY ACTION INDICATED IS SUBJECT TO THESE REQUIREMENTS.

☒ NO EXCEPTIONS TAKEN
☐ MAKE NOTED CORRECTIONS
☐ REVISE & RESUBMIT
☐ REJECTED

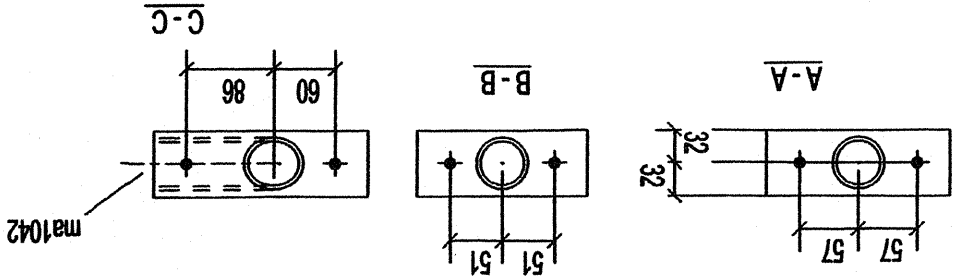
DATE: JUL 11 2005 BY: RR

EARTH TECH (CANADA) INC.



REV.	DESCRIPTION	DATE	PAR
FOR APPROVAL		29-06-05	
THOS	REVISION	DATE	PAR
13/16 Ø U _N	GALVANIZED	300W U/N	
DESIGNER	DATE	REV.	REV.
AP: 06/22/2005			
PROJECT	W.W.T. AQUA LUT		
DIV.	CONTRACT		
E001	C2005-42		R1009

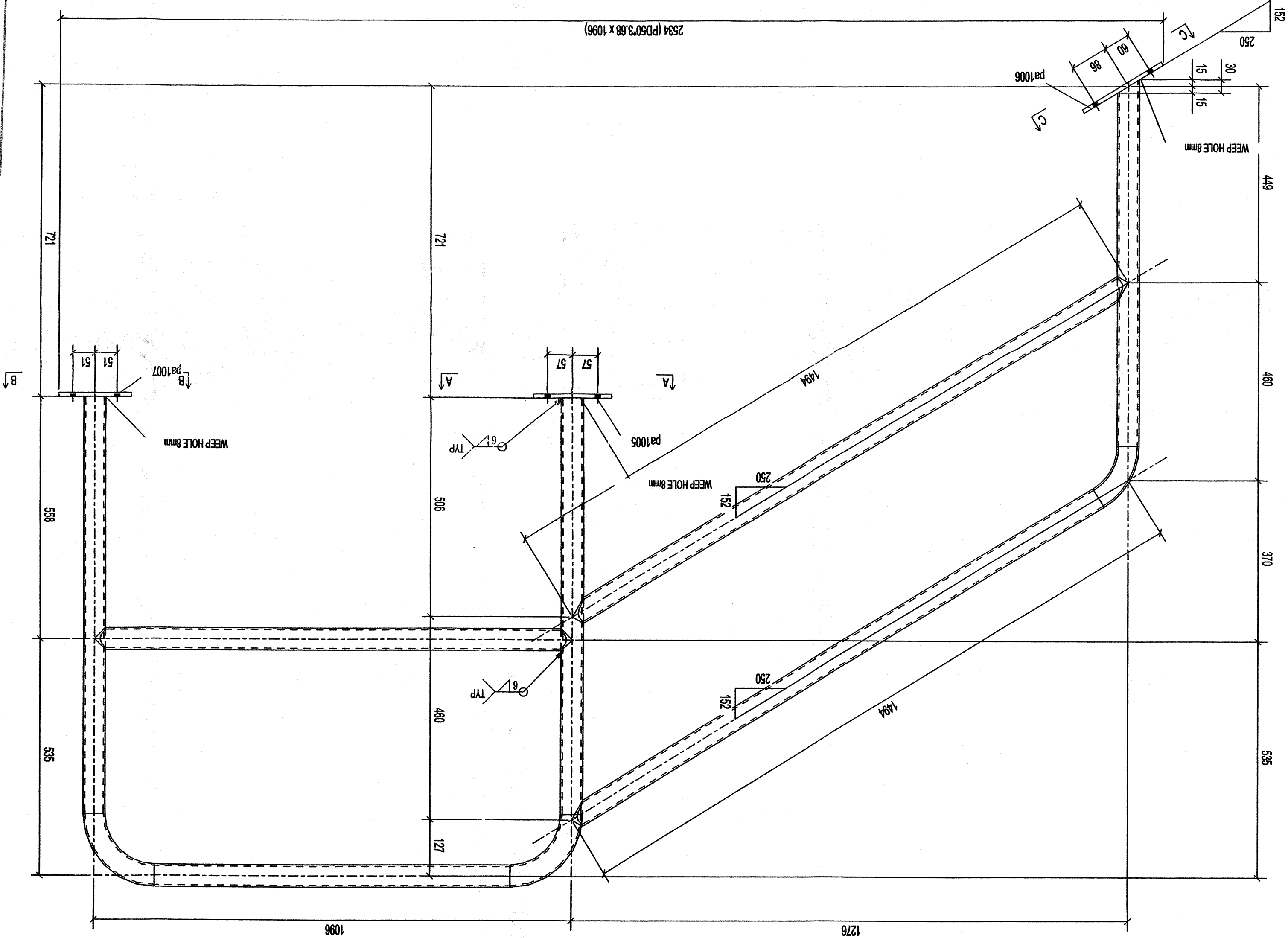
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6	BOLT 3/8" DIA. A307, 1 3/4"
BOULONS DE CHANTIER	



QTE	MARQUE	DESCRIPTION	LONG.	REMARKS
1	pa1007	PL 9x64	166	
1	pa1006	PL 9x64	210	
1	pa1005	PL 9x64	178	
1	ma1105	PD50'3.68	143	
2	ma1104	PD50'3.68	220	
1	ma1094	PD50'3.68	1494	
1	ma1082	PD50'3.68	1416	
2	ma1047	PD50'3.68	953	
1	ma1042	PD50'3.68	846	
1	ma1032	PD50'3.68	816	
1	R1000	PD50'3.68	1096	
1	R1000	RAIL		

**7750mm TOTAL RAIL LENGTH NEEDED (GROSS)

1 - RAIL - R1000



DIV	GRID LOC.	ELEV.
1	1-28-A	+14.460

REVIEWED ACCORDING TO THE REQUIREMENTS OF THE GENERAL CONDITIONS OF THE CONTRACT. ANY ACTION INDICATED IS SUBJECT TO THESE REQUIREMENTS.

☒ NO EXCEPTIONS TAKEN

☐ MAKE NOTED CORRECTIONS

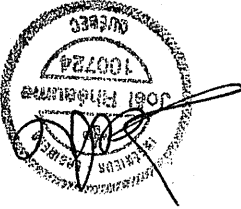
☐ REVISE & RESUBMIT

☐ REJECTED

DATE: 11 1 2005 BY: [Signature]

EARTH TECH (CANADA) INC.

KUDLIK CONSTRUCTION LTD
P.O. BOX 727, 1519 FEDERAL ROAD
IOUALUIT, NUUNAVUT X0A 0H0
PHONE: (667) 979-1166
FAX: (667) 979-1169



FOR APPROVAL

DATE: 29-06-05

PAR

DESCRIPTION

REMARKS

13/16 Ø U_N GALVANIZED

300W U/N

AP: 08/02/05

BP

PROJECT

W.M.T. IOUALUIT

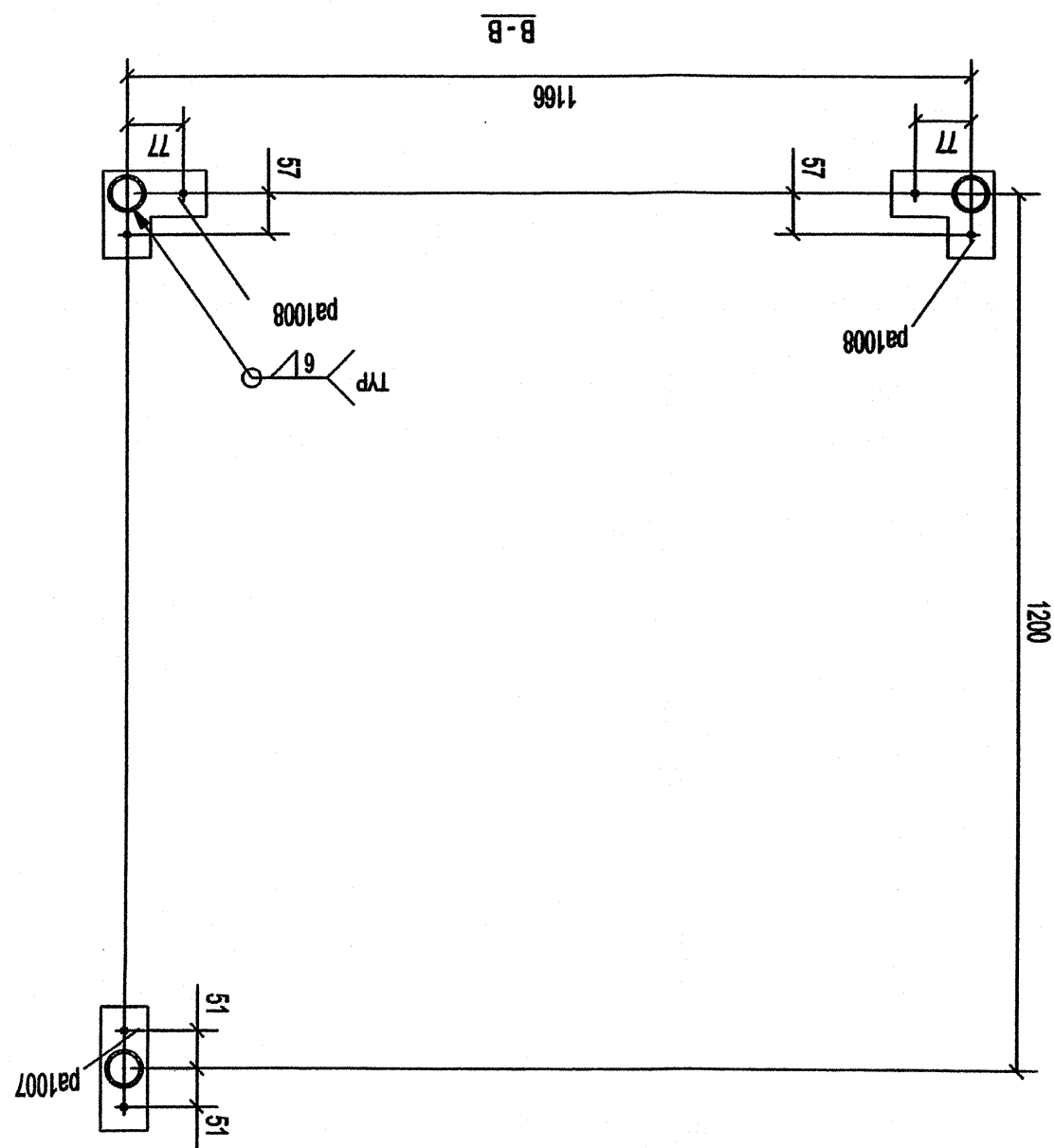
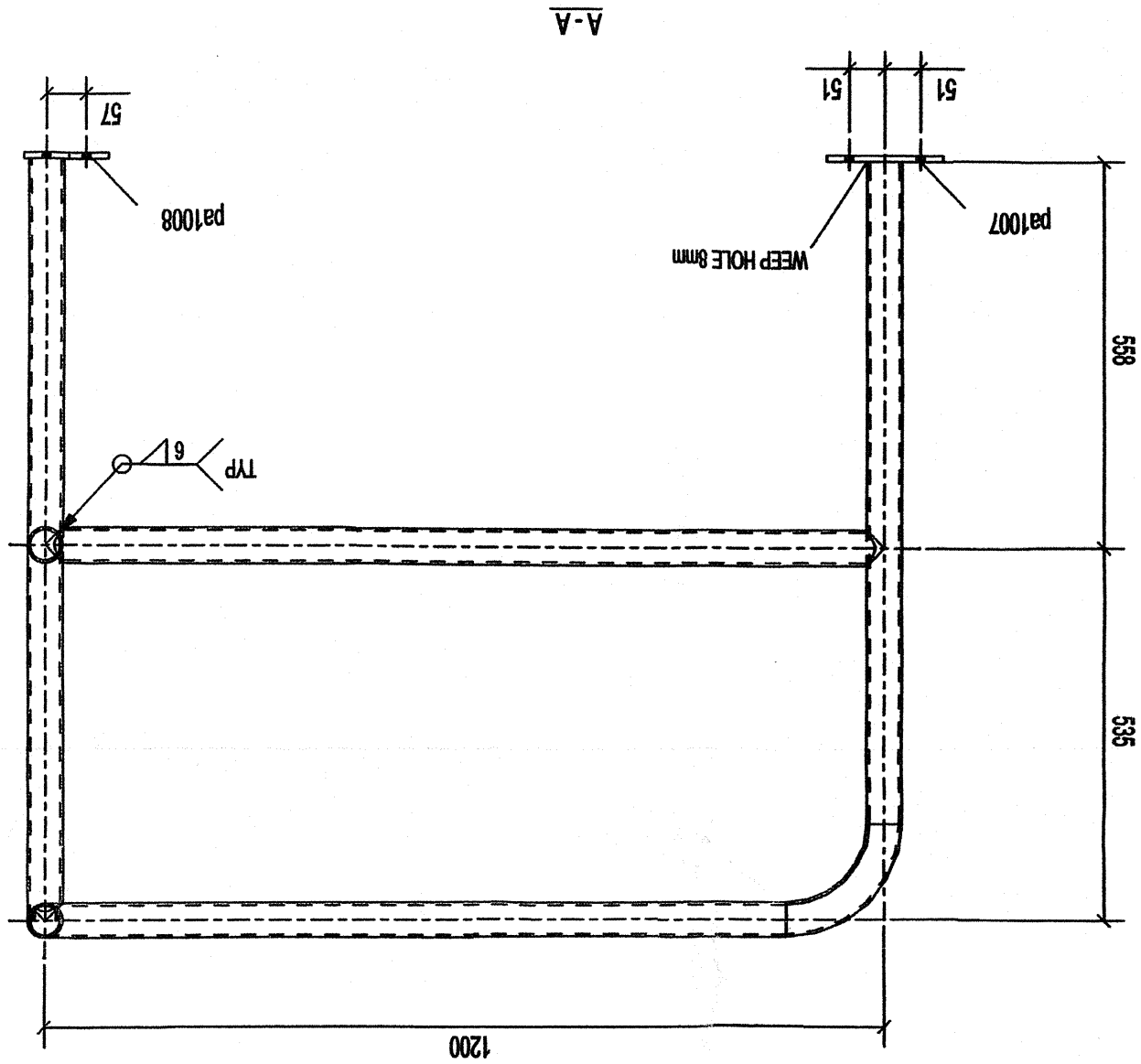
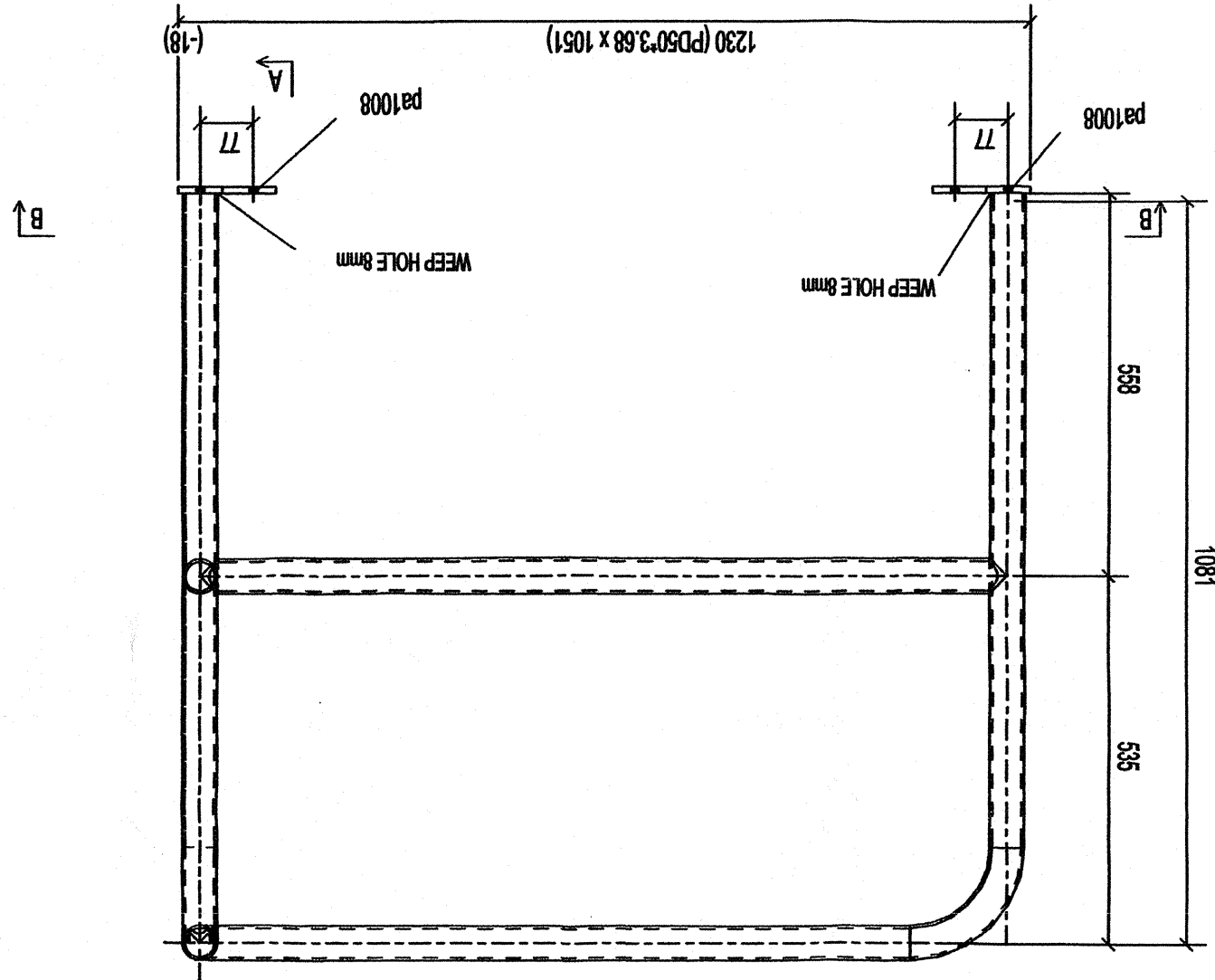
CONTRACT

C2005-42

EM1

R1000

DIV	GRID LOC.	ELEV.
1	34/B-A	+13.971



0	FOR APPROVAL	29-06-05	DATE	PAN
REV.	DESCRIPTION	REFERENCE		
13/16 Ø U ¹ / _N	GALVANIZED	300W U/N	MOER	
THOLOS			REV.	0
DESIGNER PAN	WATER PAN	R.P.	PROJECT	
00020005			W.W.T EQUALUIT	
CONTRACT		E001		
C2005-42		R1003		

REVIEWED ACCORDING TO THE
 REQUIREMENTS OF THE GENERAL
 CONDITIONS OF THE CONTRACT.
 ANY ACTION INDICATED IS SUBJECT
 TO THESE REQUIREMENTS.

☒ NO EXCEPTIONS TAKEN
☐ MAKE NOTED CORRECTIONS
☐ REVISE & RESUBMIT
☐ REJECTED

DATE JUL 11 2005 BY 

EARTH TECH (CANADA) INC.



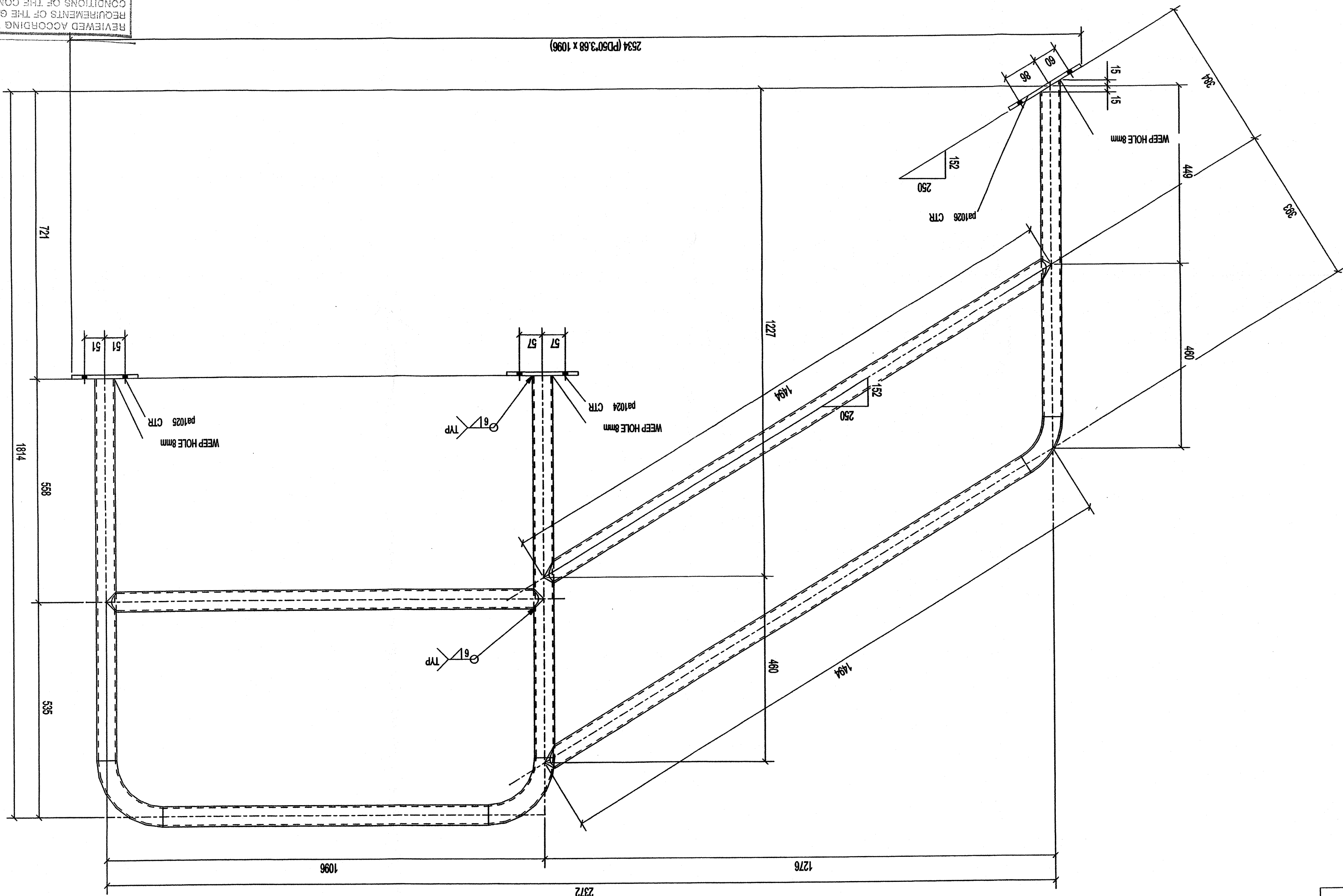
CERTIFIED ISO 9002

6	BOLT_3/8"DIA_A307_13/4	QTE	DESCRIPTION	BOULONS DE CHANTIER
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QTE	MARKUE	DESCRIPTION	LOMS	REMARKS
1	pa1028	PL9X64	210	
1	pa1025	PL9X64	166	
1	pa1024	PL9X64	178	
1	ma1105	PD5073.68	143	
2	ma1104	PD5073.68	220	
1	ma1094	PD5073.68	1494	
1	ma1082	PD5073.68	1416	
1	ma1081	PD5073.68	846	
2	ma1047	PD5073.68	953	
1	ma1032	PD5073.68	816	
1	R1004	PD5073.68	1096	
1	R1004	RAL		

****7740mm TOTAL RAIL LENGTH NEEDED (GROSS)**

1 - RAIL - R1004



DIV	GRID LOC.	ELEV.
1	1-2/B-A	+14.460

CERTIFIED ISO 9002

REVIEWED ACCORDING TO THE
REQUIREMENTS OF THE GENERAL
CONDITIONS OF THE CONTRACT.
ANY ACTION INDICATED IS SUBJECT
TO THESE REQUIREMENTS.

☒ NO EXCEPTIONS TAKEN

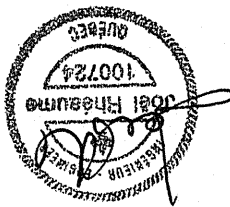
☐ MAKE NOTED CORRECTIONS

☐ REVISE & RESUBMIT

☐ REJECTED

DATE: JUL 11 2005 BY: 

EARTH TECH (CANADA) INC.



	FOR APPROVAL		DATE	PART
REV.	DESCRIPTION		ACTION	
TROUS	13/16 Ø U ^N	GALVANIZED	300W U/N	
DESIGNER NAME	APR 08/28/2005	WORKING PHOTO	REV.	
PROJECT	W.W.T TREATMENT PLANT			
DRAWN BY	CONTRACT	C2005-42	R1004	

8	BOLT 3/8"DIA_A307_1 3/4	QTE	DESCRIPTION	BOULONS DE CHANTIER
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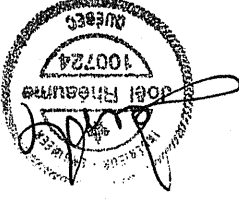
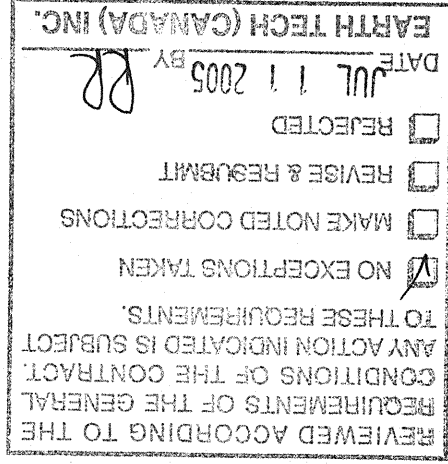
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1	R1008	RAIL		
1	R1008	PD503.68	5089	
1		ma1112	10	
1		PD503.68	255	
2		ma1116	1213	
2		ma1117	1211	
1		PD503.68	276	
4		ma1120	925	
2		ma1123	220	
1		ma1125	80	
1		PD1026	210	
3		PD1029	210	

0	FOR APPROVAL		29-06-05	
	REVISION		DATE	PAGE
DESCRIPTION		300W U/N		
FEATURES		GALVANIZED		
DESIGNER NAME		REV.		
A.P. 06/02/2005		BP.		
PROJECT W.W.T. TUNALUTI				
CONTRACT		R1008		
E001		C2005-42		

[illegible]

DIV	GRID LOC.	ELEV.
1	24/A	+13.856

CERTIFIED ISO 9002



QTE	DESCRIPTION	BOULONS DE CHANTIER
2	BOLT 3/4" DIA. A307, 1" L	

QTE	MARQUE	DESCRIPTION	LONG.	REMARKS
1	ma1012	C250X23	1616	
1	M1012	C250X23	5040	
1	M1012	STRINGER		

REV. FOR APPROVAL		DATE 29-06-05		PAR	
REV. DESCRIPTION		DATE		PAR	
THICKNESS		13/16 Ø U/N		REMARKS	
DESIGNER PNR		06/02/2005		B.P.	
PROJECT		W.W.T. QUALUIT		CONTRAT C2005-42	
DIV.		E001		M1012	

REVIEWED ACCORDING TO THE REQUIREMENTS OF THE GENERAL CONDITIONS OF THE CONTRACT. ANY ACTION INDICATED IS SUBJECT TO THESE REQUIREMENTS.

☒ NO EXCEPTIONS TAKEN

☐ MAKE NOTED CORRECTIONS

☐ REVISE & RESUBMIT

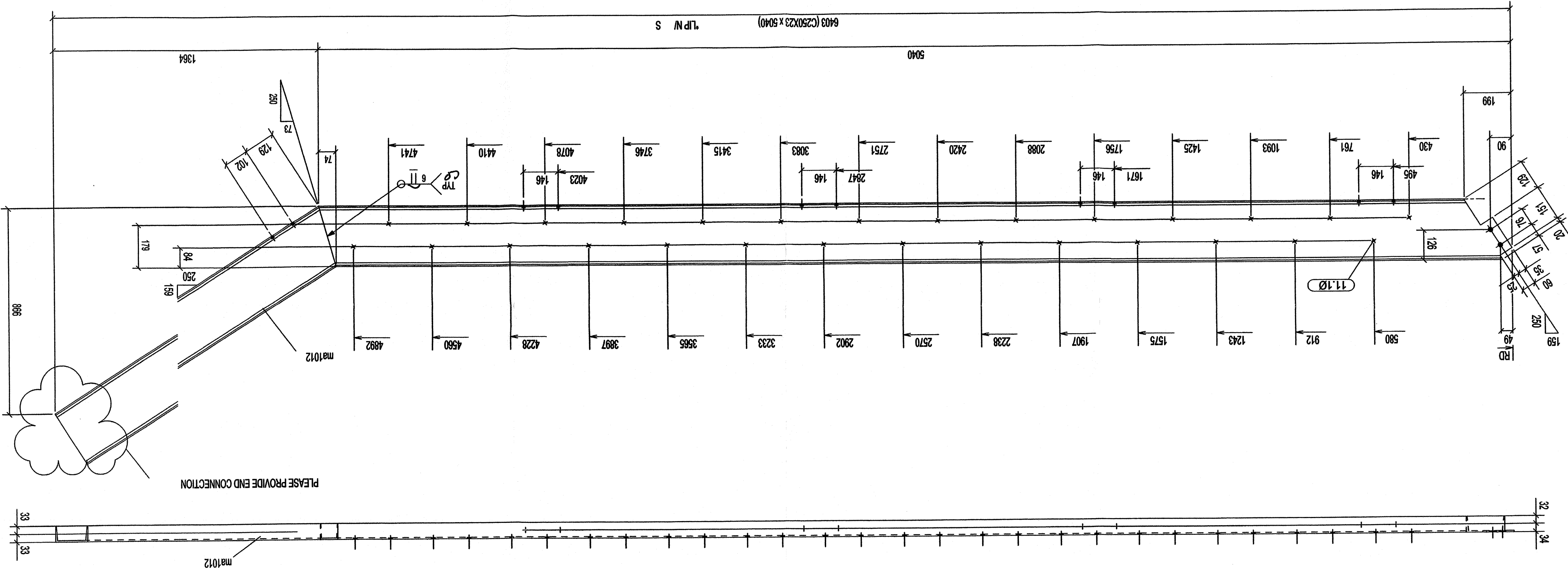
☐ REJECTED

DATE JUL 11 2005 BY RL

EARTH TECH (CANADA) INC.

1 - STRINGER - M1012

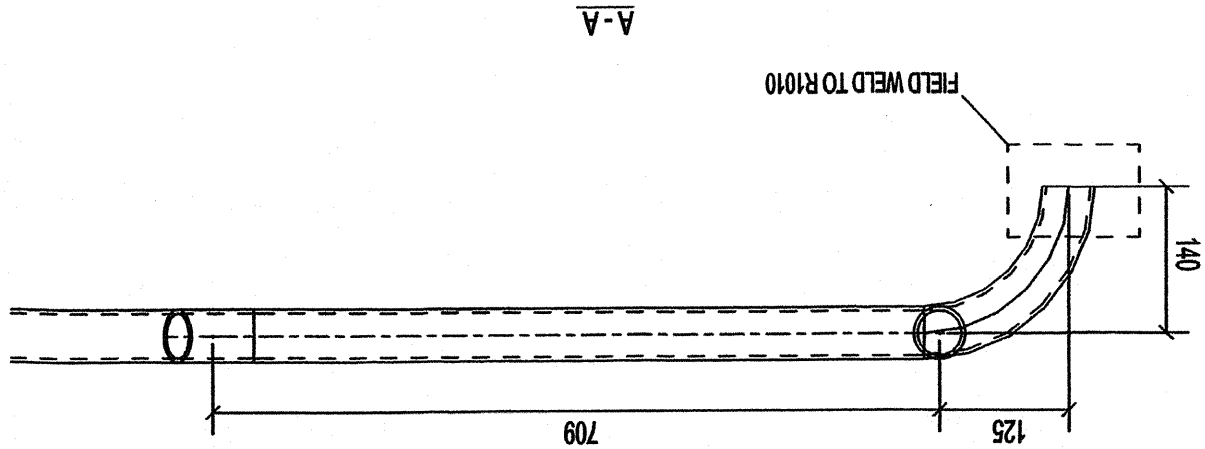
HOLD



DIV	GRID LOC.	ELEV.
1	A-B/Z	+13.900

CERTIFIÉ ISO 9002

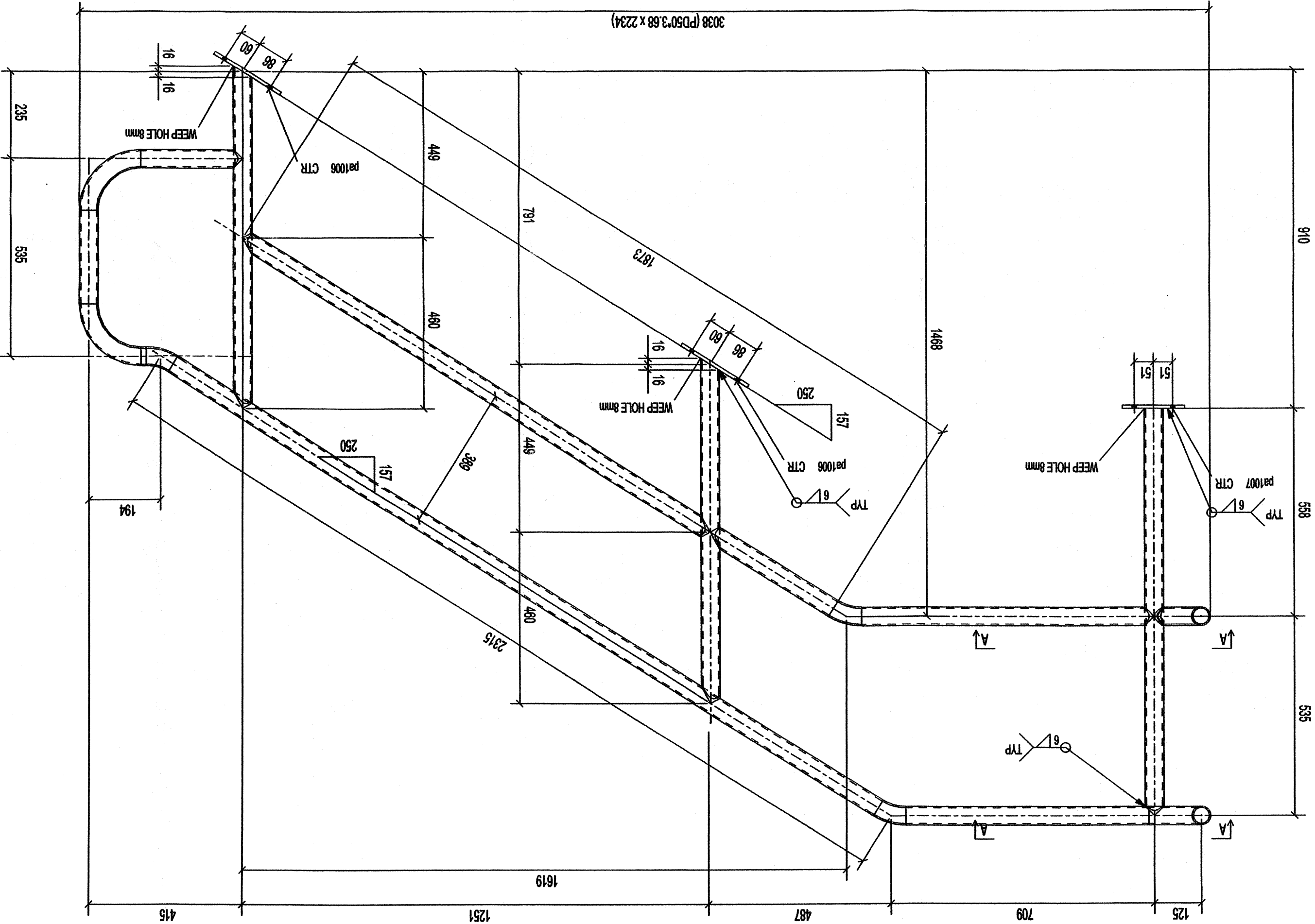
QTE	DESCRIPTION
6	BOLT 3/8" DIA A307 1"3/4



QTE	MARQUE	DESCRIPTION	LONG.	REMARKS
1	pa1007	PL3X64	166	
2	pa1006	PL3X64	210	
1	ma1080	PD50'3.68	200	
2	ma1088	PD50'3.68	925	
1	ma1066	PD50'3.68	1083	
1	ma1039	PD50'3.68	654	
1	ma1038	PD50'3.68	788	
1	ma1037	PD50'3.68	386	
1	ma1036	PD50'3.68	1483	
1	ma1035	PD50'3.68	275	
1	ma1034	PD50'3.68	255	
1	ma1033	PD50'3.68	14	
3	ma1030	PD50'3.68	79	
3	ma1029	PD50'3.68	220	
1	R1009	PD50'3.68	2234	
1	R1009	RAIL		

1 - RAIL - R1009

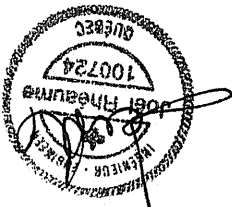
***9180mm TOTAL RAIL LENGTH NEEDED (GROSS)



DIV	GRID LOC.	ELEV.
1	A/Z-3'	+12.303

BOULONS DE CHANTIER	
QTE	DESCRIPTION
6	BOLT 3/8" DIA A307 1"3/4

DIV.	E001	CONTRAT	C2005-42	R1009
PROJET	W.W.T. AQUA LUT			
DESIGNER	AP.	REV.	DATE	PAR
13/16 Ø U _N	06/22/2005	0	29-06-05	
REVISION	DESCRIPTION	DATE	PAR	
1	GALVANIZED	29-06-05		



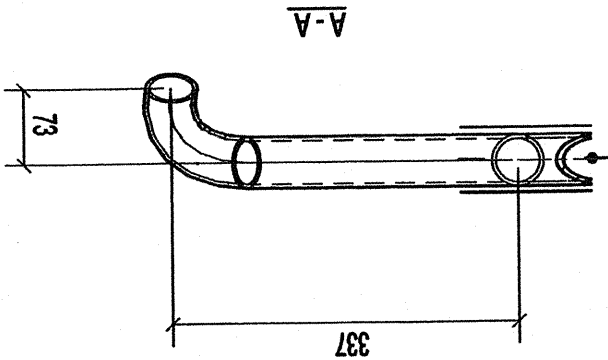
REVIEWED ACCORDING TO THE REQUIREMENTS OF THE GENERAL CONDITIONS OF THE CONTRACT. ANY ACTION INDICATED IS SUBJECT TO THESE REQUIREMENTS.

☒ NO EXCEPTIONS TAKEN
☐ MAKE NOTED CORRECTIONS
☐ REUSE & RESUBMIT
☐ REJECTED

DATE: JUL 11 2005 BY: R

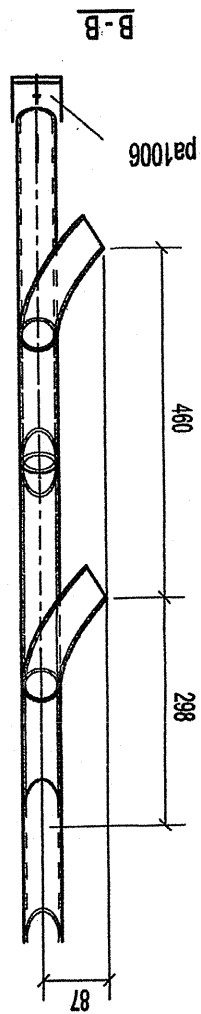
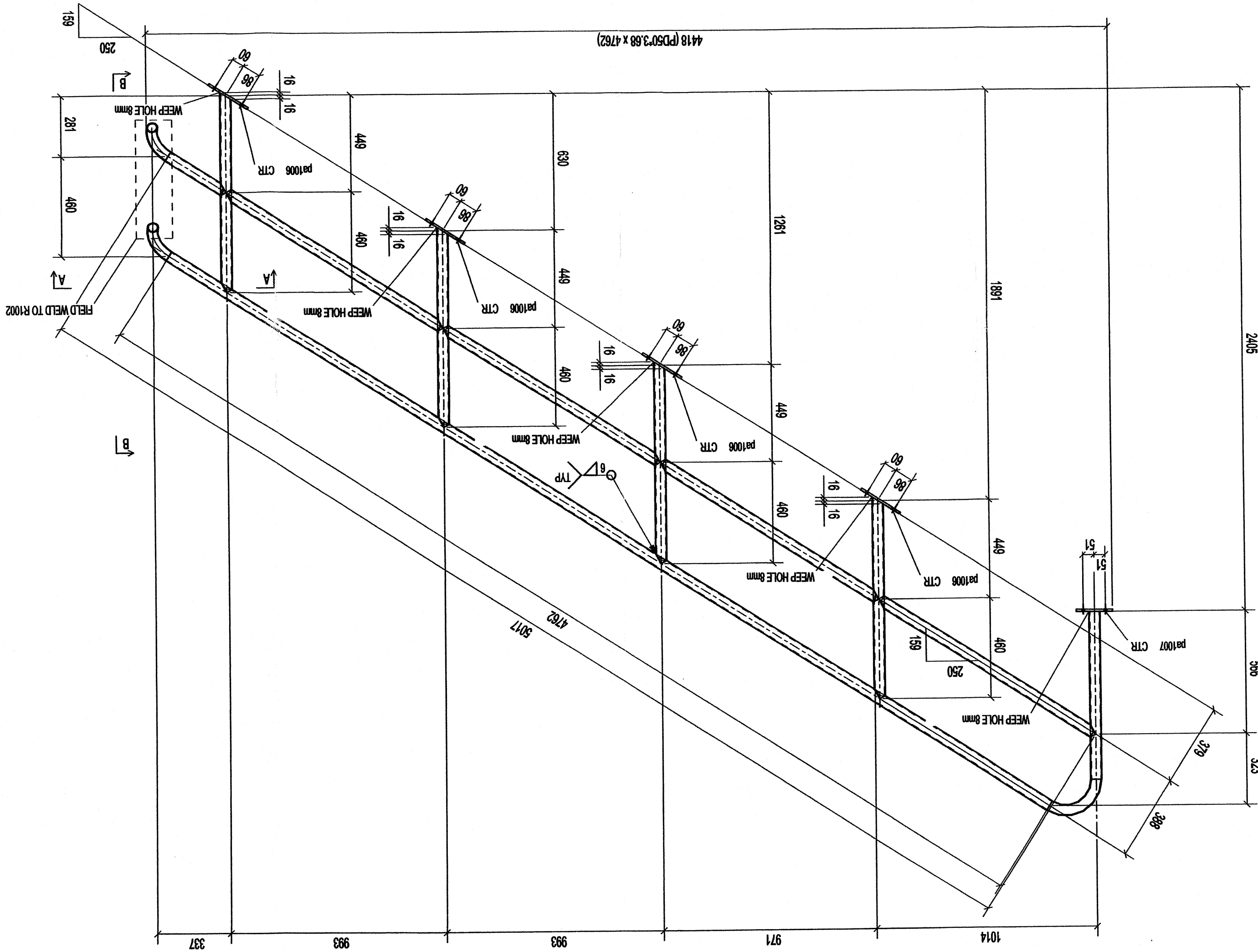
EARTH TECH (CANADA) INC.

QTE	DESCRIPTION	BOULONS DE CHANTIER
10	BOLT 3/8" DIA. A307, 1"3/4	

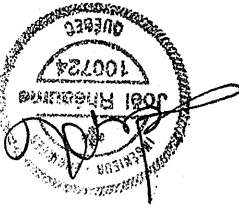


QTE	MARKING	DESCRIPTION	LONG.	REMARKS
1	pa1007	RAIL	4762	
1	R1015	PD5073.68	925	
4	ma1008	PD5073.68	771	
1	ma1082	PD5073.68	1171	
3	ma1085	PD5073.68	1174	
1	ma1086	PD5073.68	311	
1	ma1087	PD5073.68	299	
1	ma1098	PD5073.68	190	
1	ma1099	PD5073.68	191	
1	ma1100	PD5073.68	210	
4	pa1006	PL5064	166	
1	pa1007	PL5064		

1 - RAIL - R1015
 **10370mm TOTAL RAIL LENGTH NEEDED (GROSS)



REVIEWED ACCORDING TO THE REQUIREMENTS OF THE GENERAL CONDITIONS OF THE CONTRACT. ANY ACTION INDICATED IS SUBJECT TO THESE REQUIREMENTS.
☒ NO EXCEPTIONS TAKEN
☐ MAKE NOTED CORRECTIONS
☐ REVISE & RESUBMIT
☐ REJECTED
 DATE: JUL 1 1 2005 BY: RR
 EARTH TECH (CANADA) INC.



0	FOR APPROVAL	29-06-05	PAR
REV.	DESCRIPTION	DATE	PAR
THOUS	13/16 Ø U ¹ / _N	REMARKS	
REMARKS	GALVANIZED	300W U/N	
DESIGNER NAME	0622005	APR	
AP	0622005	0	
PROJECT	W.W.T IQUALUIT		
DN.	CONTRACT	C2005-42	
		R1015	

QTE	MARQUE	DESCRIPTION	LONG.	REMARCS
1	M1013	C230X23	1616	
1	M1003	C230X23	5040	
1	M1003	STRINGER		

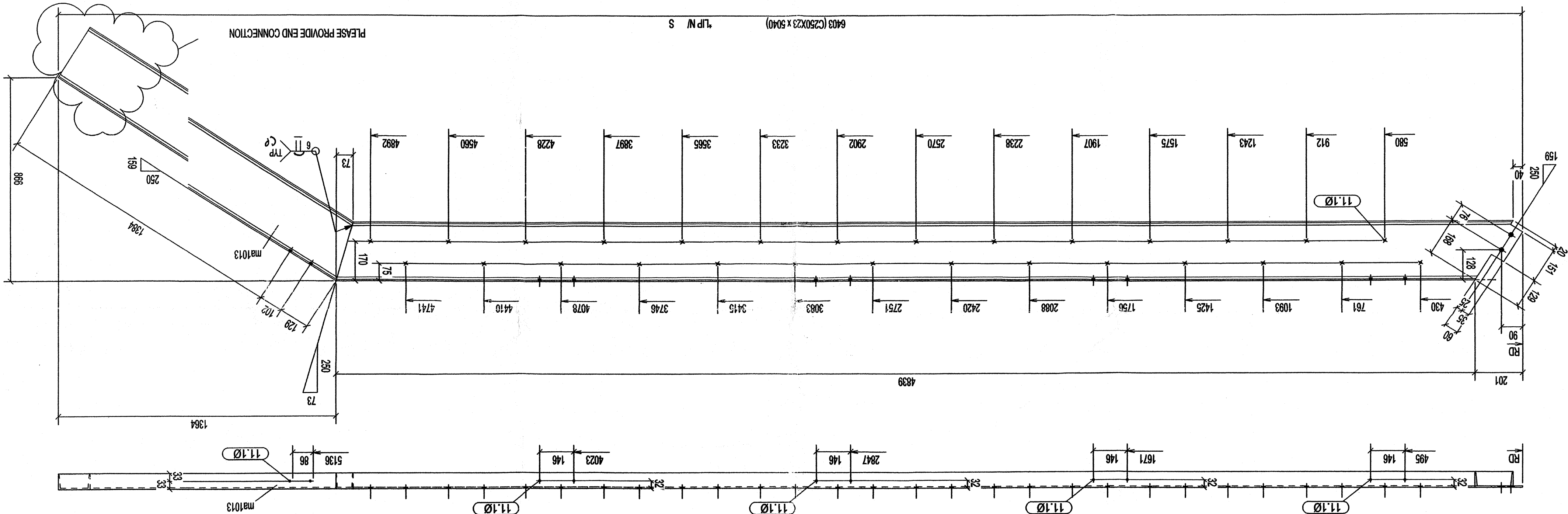
REVIEWED ACCORDING TO THE
REQUIREMENTS OF THE GENERAL
CONDITIONS OF THE CONTRACT.
ANY ACTION INDICATED IS SUBJECT
TO THESE REQUIREMENTS.

☒ NO EXCEPTIONS TAKEN
☐ MAKE NOTED CORRECTIONS
☐ REVISE & RESUBMIT
☐ REJECTED

DATE JUL 11 2005 BY BD

EARTH TECH (CANADA) INC.

HOLD



CERTIFIED ISO 9002

DIV	GRID LOC.	ELEV.	+12.844
1	2-4/B-A		

REVIEWED ACCORDING TO THE
REQUIREMENTS OF THE GENERAL
CONDITIONS OF THE CONTRACT
ANY ACTION IMPOSED IS SUBJECT
TO THESE REQUIREMENTS.

☒ NO EXCEPTIONS TAKEN

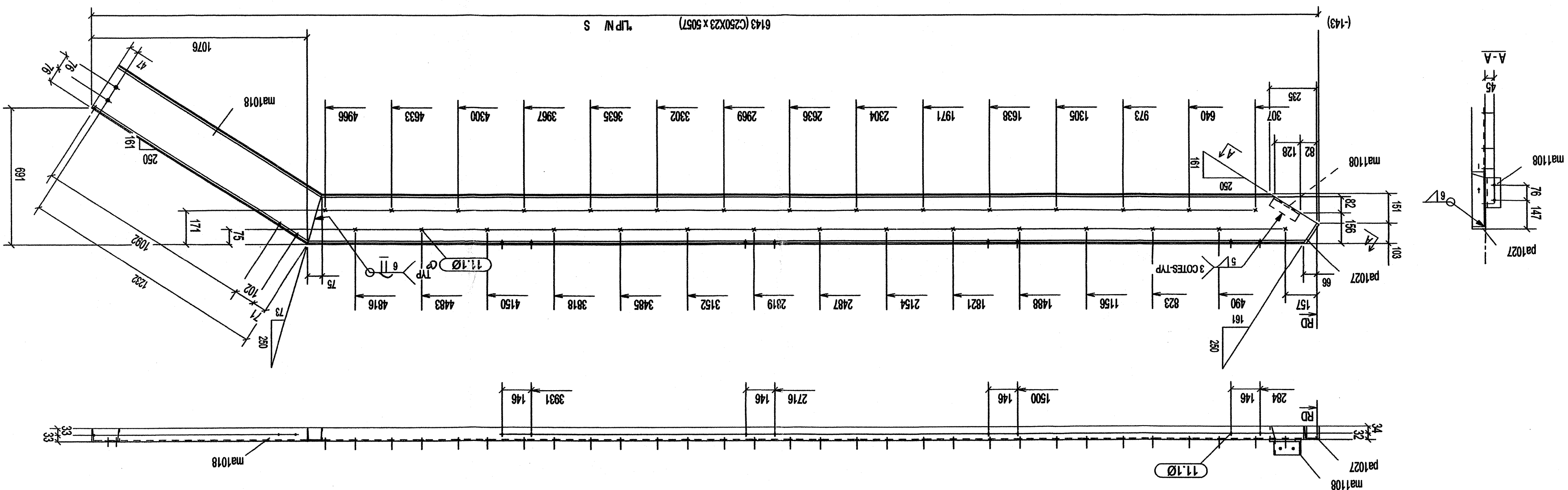
☐ MAKE NOTED CORRECTIONS

☐ REVISE & RESUBMIT

☐ REJECTED

DATE JUL 11 2005 BY RR

EARTH TECH (CANADA) INC.



CERTIFIED ISO 9002

QTE	DESCRIPTION
6	BOLT 3/4" DIA A325, 2" L

QTE	MARQUE	DESCRIPTION	LONG.	REMARKS
1	M1011	STRINGER		
1	M1011	C250X23	5057	
2	L2	L88X6X7.9	140	
1	ma1019	C250X23	1442	
1	ma1108	L76X61X9.5	152	
1	pa1027	PL12X86	122	
2	pa1034	PL10X57.2	242	

REV. APPROVAL		DATE		PAR	
FOR APPROVAL		29-06-05			
DESCRIPTION		13/16 Ø U ₁ N		GALVANIZED	
REV.		APR 06/02/05		W.W.T IQUALUIT	
PROJECT		CONTRACT		C2005-42	
DIV.		E001		M1011	

1 - STRINGER - M1011

REVIEWED ACCORDING TO THE REQUIREMENTS OF THE GENERAL CONDITIONS OF THE CONTRACT. ANY ACTION INDICATED IS SUBJECT TO THESE REQUIREMENTS.

☒ NO EXCEPTIONS TAKEN.

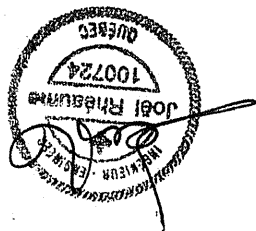
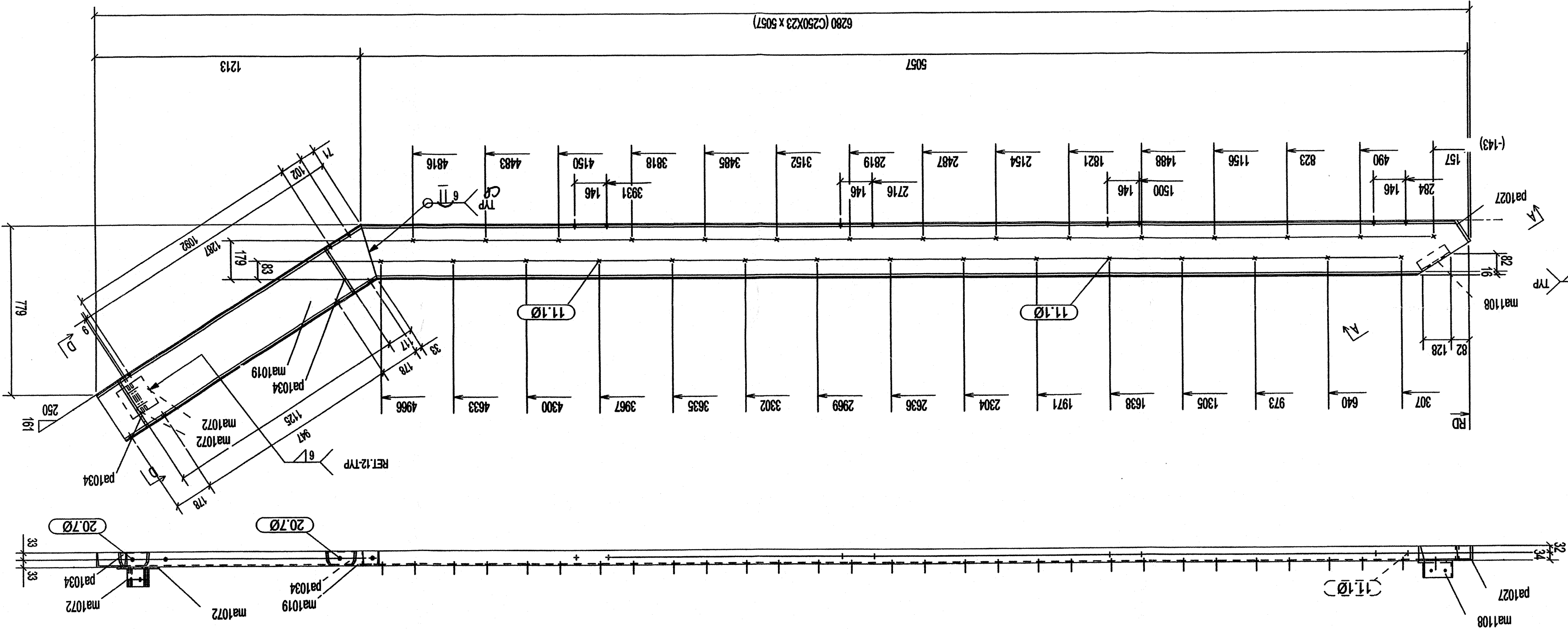
☐ MAKE NOTED CORRECTIONS

☐ REVISE & RESUBMIT

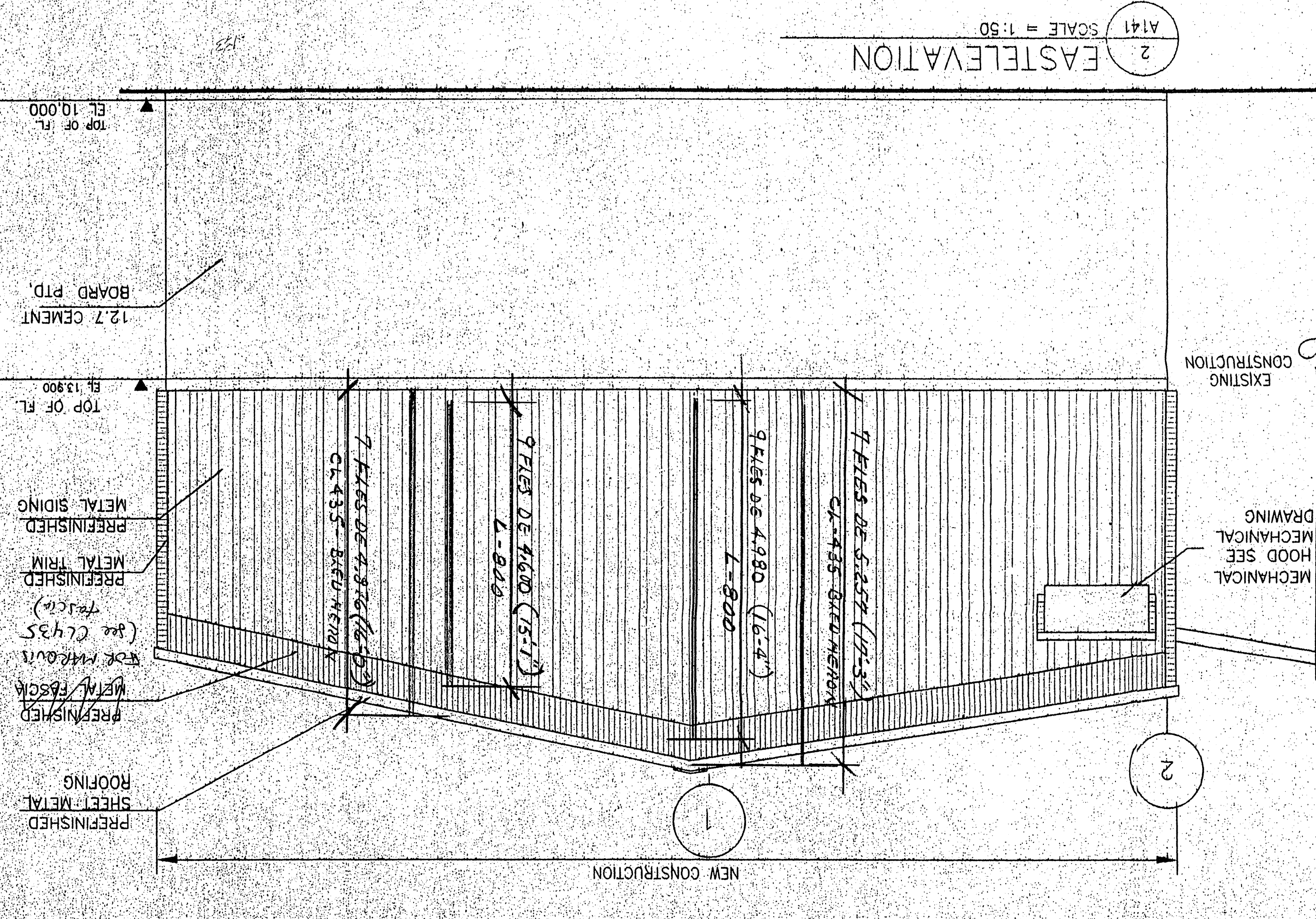
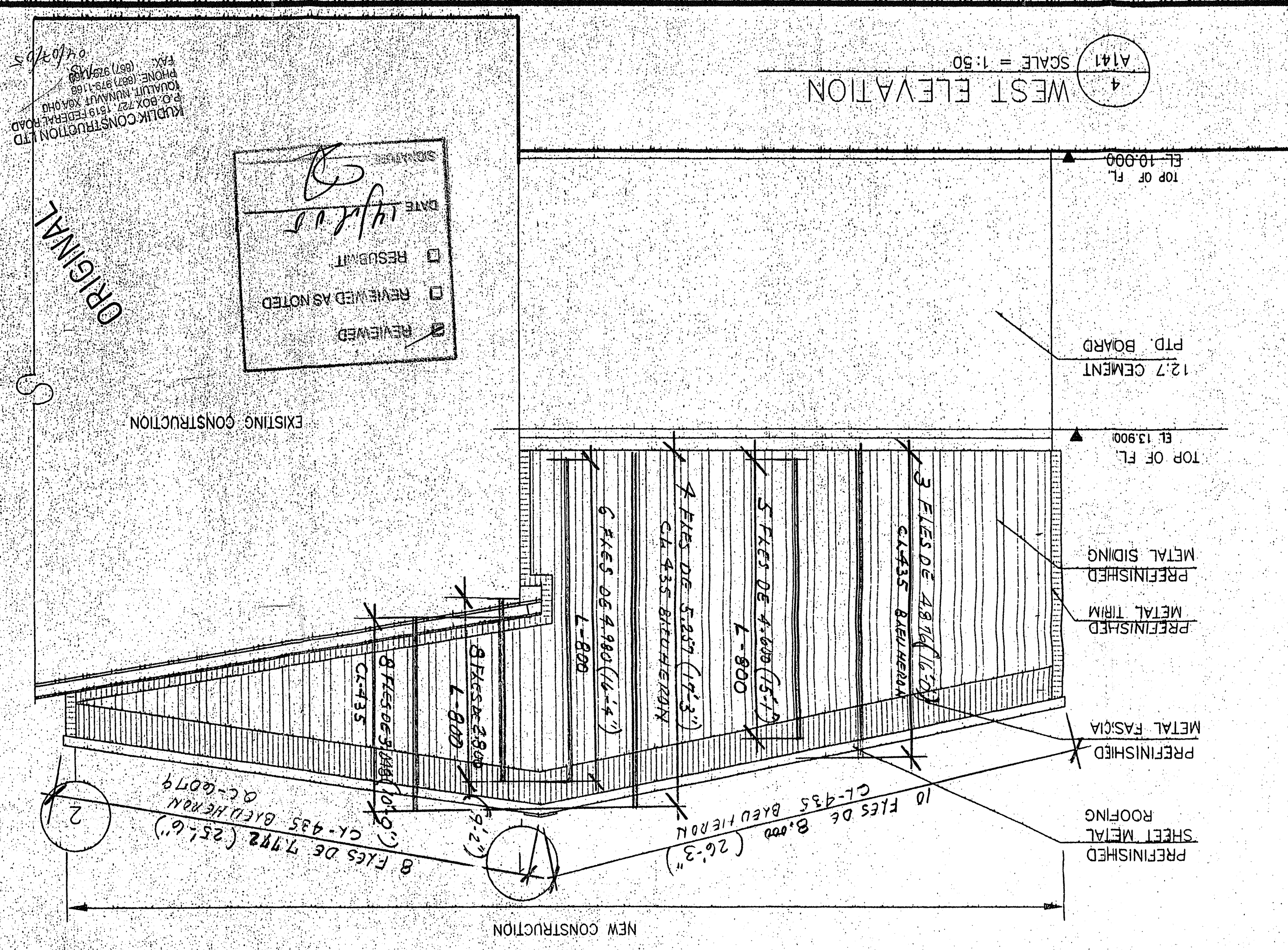
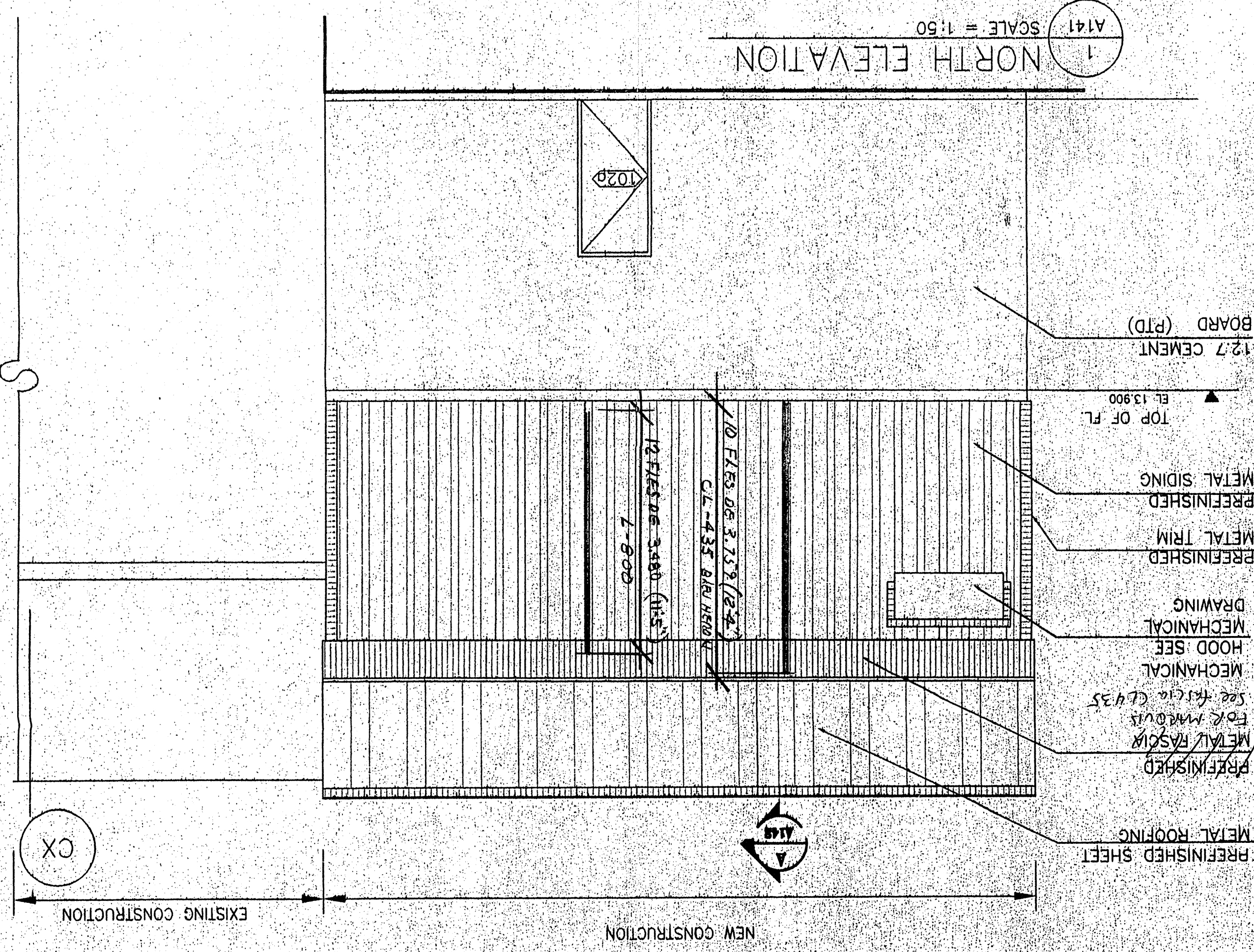
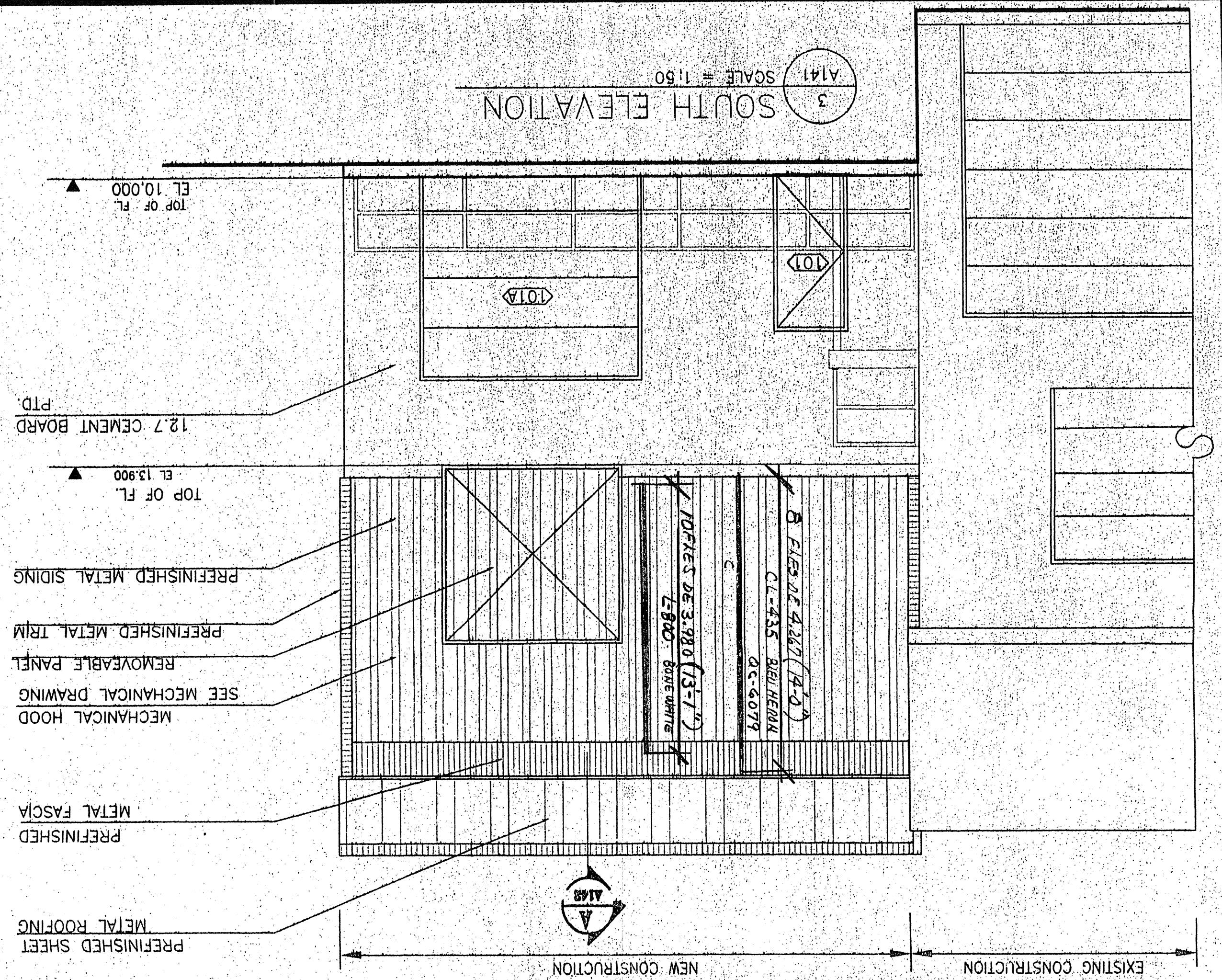
☐ REJECTED

DATE: JUL 11 2005 BY: [Signature]

EARTH TECH (CANADA) INC.



DIV	GRID LOC.	ELEV.
1	24/A	+12.844

[illegible]

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