

No.	REFERENCE DRAWINGS	DWG No.	No.	ISSUED FOR	BY	DATE	No.	ISSUED FOR	BY	DATE	No.
			01	CONSTRUCTION	JHK	DEC/8/94					
			02	REVISED FOR CONSTRUCTION	JHK	FEB/10/95					

MAIL LIST REFERENCE: [02C024] P:\00\CM\1-2101.DMC  
MAIL LIST REVERSE: [02C024] P:\00\CM\1-2101.DMC

## **EXCAVATION**

**EXCAVATION**  
EXCAVATION SHALL BE TO WITHIN 100mm OF THE SPECIFIED HORIZONTAL DIMENSIONS AND  
SPECIFIED ELEVATIONS. EXCAVATIONS SHALL BE SET OUT TO THE LINES, GRADES AND ELEVATIONS  
INDICATED ON THE CONSTRUCTION DRAWINGS.

PROOF ROLLING

AREAS UPON WHICH CONTROLLED FILLS ARE TO BE CONSTRUCTED SHALL BE CAPABLE OF  
WITHSTANDING PROOF ROLLING, WITHOUT VISIBLE DEFORMATION, HEAVING OR SPRINGING, WITH  
A SMOOTH WHEELED ROLLER, PNEUMATIC TYRED ROLLER OR HIGHWAY TRUCK BALLASTED TO  
COMPLY WITH THE FOLLOWING:

- (A) STEEL WHEELED - ROAD ROLLER OR DRUM ROLLER USED WITHOUT VIBRATION WHICH HAS A MINIMUM APPLIED LOAD INTENSITY OF 4 TONNES PER METER WIDTH OF THE WHEEL(S) OR DRUM BEING CONSIDERED.
  - (B) PNEUMATIC TYRES - NOT LESS THAN 3 TONNE PER TYRE WITH TYRES INFLATED TO 550 kPa (5.5 kg/cm<sup>2</sup>).
  - (C) HIGHWAY TRUCK - WITH REAR AXLE(S) LOADED TO NOT LESS THAN 8 TONNE PER AXLE WITH TYRES INFLATED TO 550 kPa (5.5 kg/cm<sup>2</sup>).

FILL

THE MAXIMUM PERMISSIBLE PLACEMENT TOLERANCE FROM THE LINES AND GRADES INDICATED ON THE CONSTRUCTION DRAWINGS, OR REQUIRED BY THE ENGINEER SHALL BE PLUS OR MINUS 100mm EXCEPT THAT THE TOP OF STRUCTURAL FILL SHALL BE PLUS OR MINUS 30mm. THIS TOLERANCE SHALL NOT BE UNIFORMLY HIGH OR LOW BUT RATHER SHALL BE THE LIMIT FOR INADVERTENT AND INFREQUENT OCCURRENCES.

## ROAD BASE GRAVEL (37mm MINUS)

A.S.T.M. SIEVE SIZE	% PASSING
37 mm	100
19 mm	60-100
10 mm	40-80
N0.4	30-60
N0.8	20-45
N0.16	15-35
N0.50	6-18
N0.200	2-9

## COMPACTNESS

**CONTROLLED FILL MATERIALS, SELECT GRANULAR MATERIALS AND UNBOUND GRANULAR PAVEMENT LAYERS SHALL BE MOISTURE CONDITIONED AS REQUIRED AND COMPACTED TO ACHIEVE THE MINIMUM RELATIVE COMPACTION VALUES SHOWN IN TABLE 1.**

#### LIFT THICKNESS

**COHESIVE SOILS SHALL BE PLACED IN LOOSE LIFTS NOT EXCEEDING 200mm  
COHESIONLESS SOILS SHALL BE PLACED IN LOOSE LIFTS NOT EXCEEDING 300mm.**

TABLE 1. MINIMUM RELATIVE COMACTION CRITERIAL

MATERIAL TYPE	RELATIVE DENSITY STANDARD PROCTOR PERCENT COMPACTION
TOP SOIL	SURFACE GRADED FOR DRAINAGE
UNSUITABLE COHESIVE INTO STOCKPILE	SURFACE GRADED FOR DRAINAGE
UNSUITABLE COHESIVE INTO LAYDOWN	SURFACE GRADED FOR DRAINAGE AND WHEEL COMPACTION FROM HAULING EQUIPMENT
SUITABLE COHESIVE BULK FILL OUTSIDE BUILDING AREA AND ROAD EMBANKMENT > 300mm BELOW BASE	98 %
SUITABLE GRANULAR BULK FILL	98 % TO 100 %
STRUCTURAL FILL	100 %
ROAD SUB-BASE < 300mm BELOW BASE	100 %
ROAD BASE GRAVEL (37mm MINUS)	100 %

#### **FREQUENCY OF TESTING**

**FREQUENCY OF TESTING:**

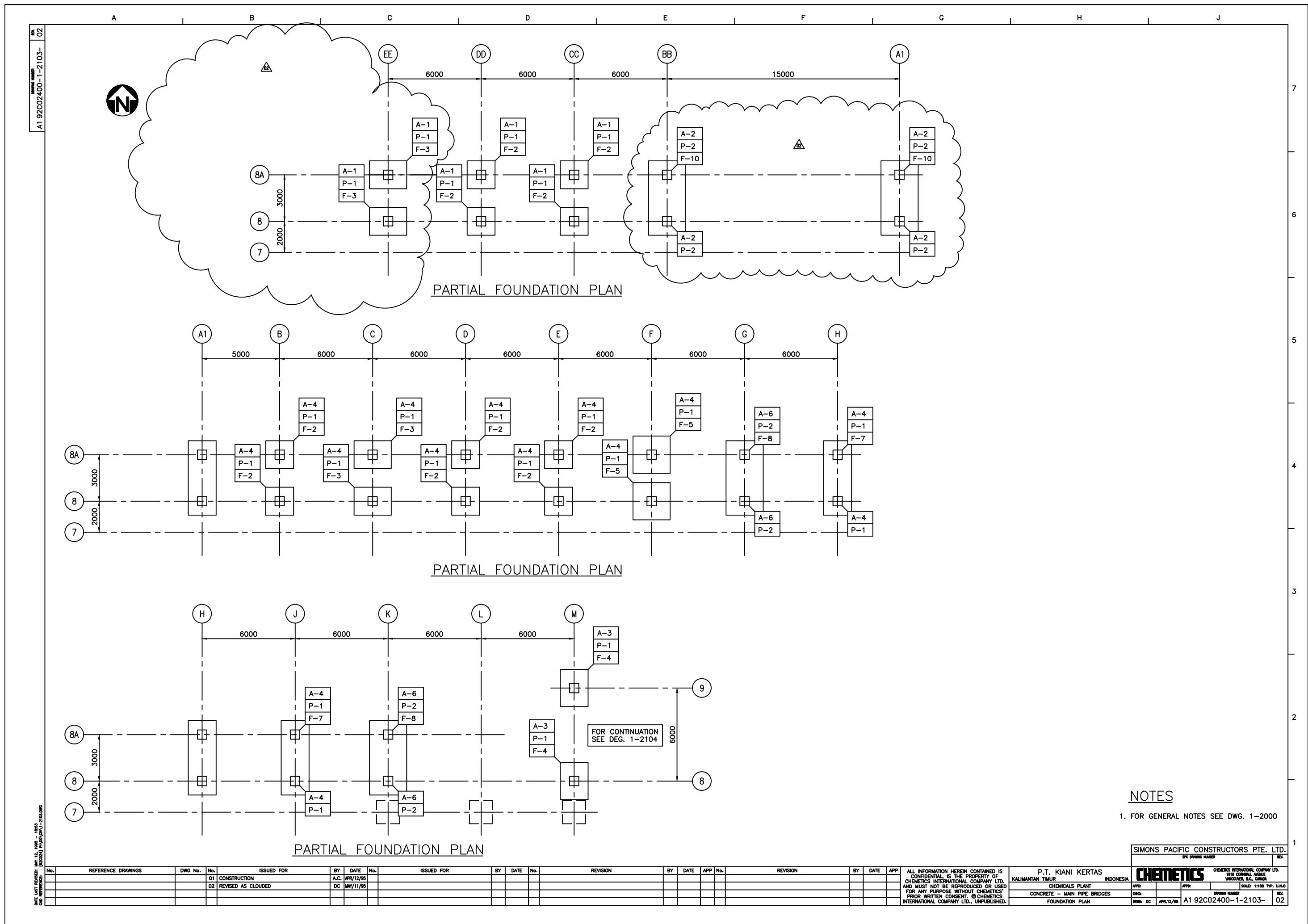
- (A) LARGE SCALE OPERATIONS (THE FOLLOWING CRITERIA WHICH RESULTS IN THE HIGHEST FREQUENCY OF TESTING WILL BE FOLLOWED).

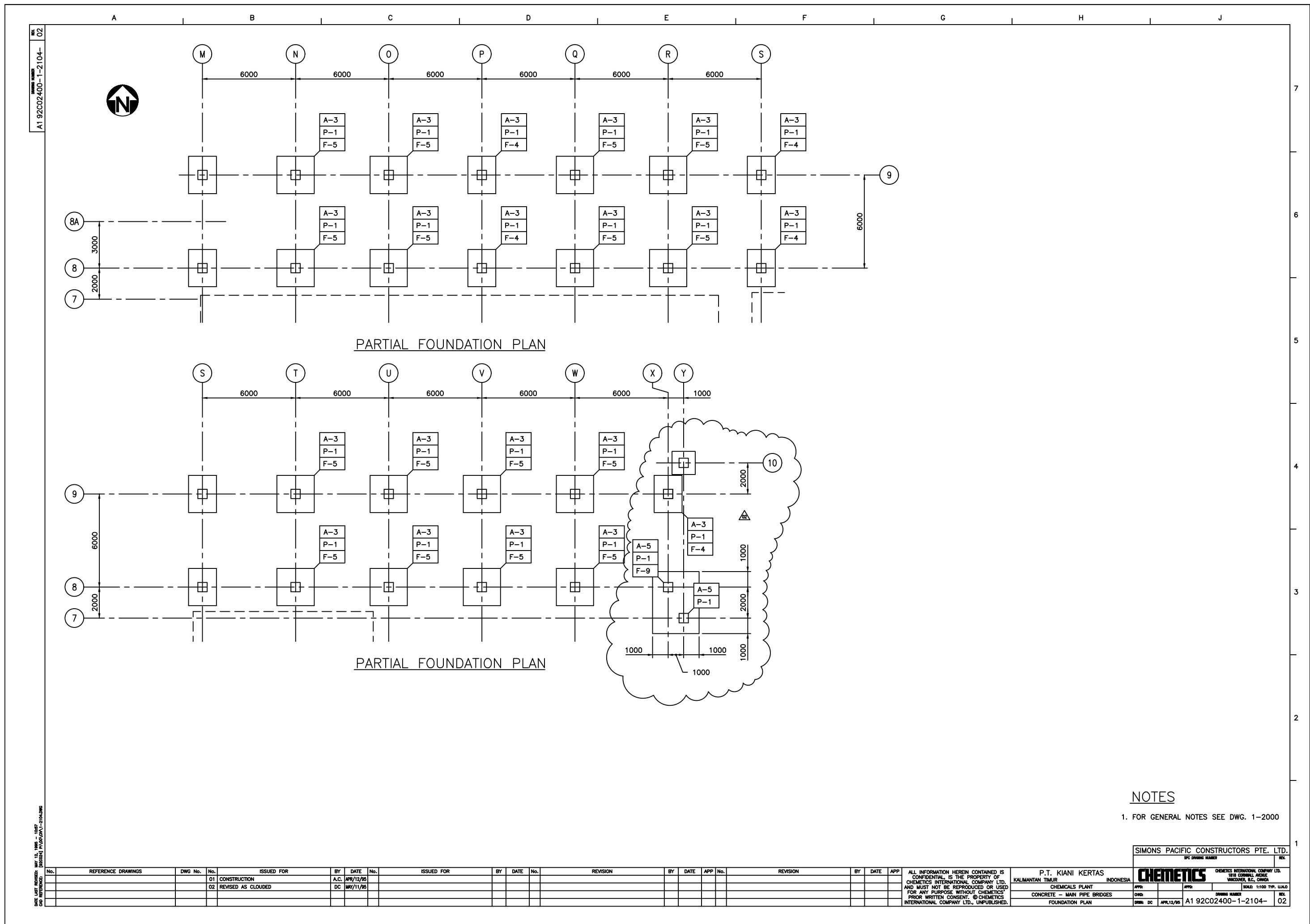
  - 1 TEST PER 500m<sup>2</sup> DISTRIBUTED EVENLY THROUGH THE FULL DEPTH AND AREA.
  - 1 TEST PER LIFT PER 2,500m<sup>2</sup> AREA
  - 3 TESTS PER MATERIAL TYPE PER WORKING SHIFT.

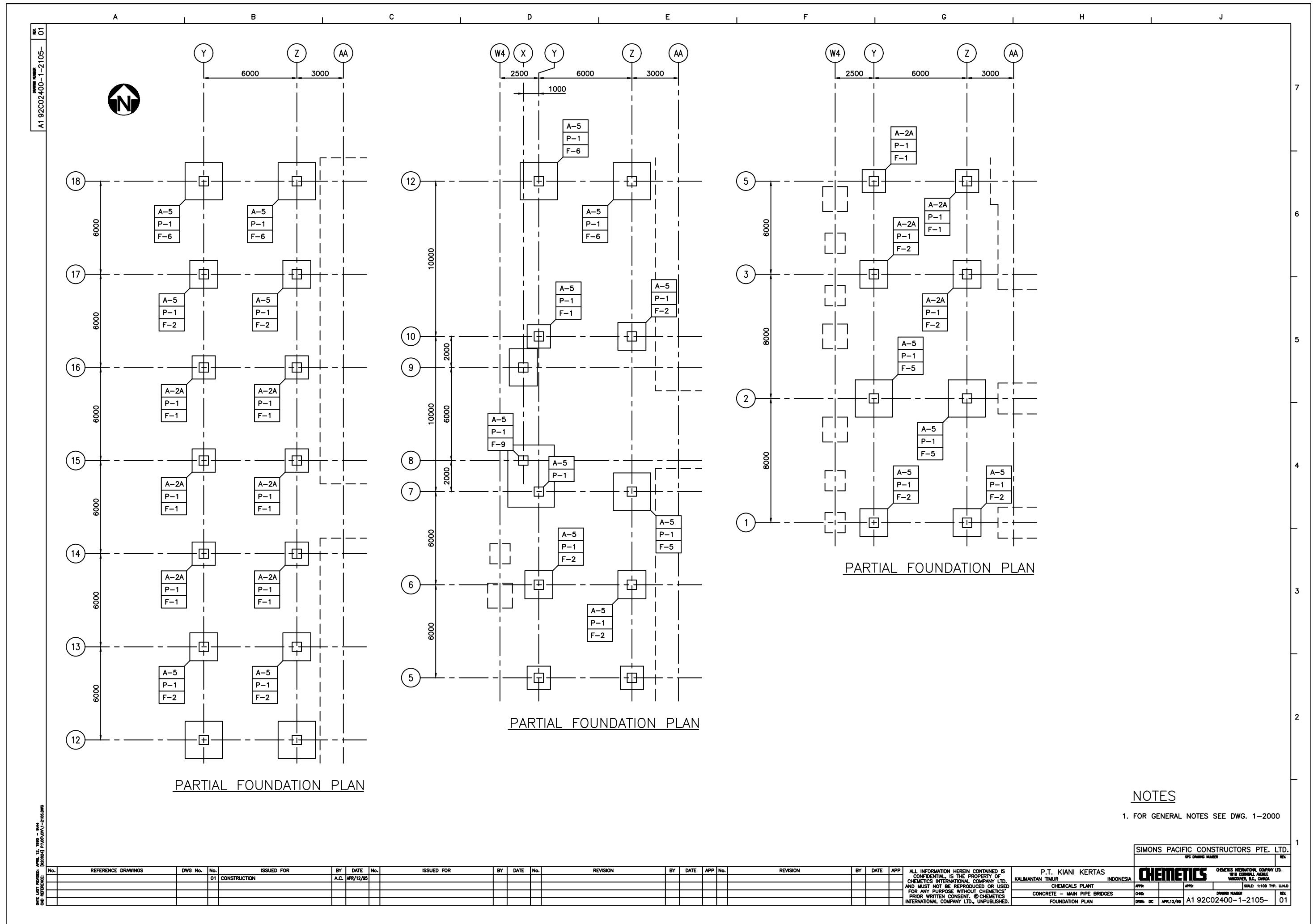
(B) SMALLER SCALE OPERATIONS INCLUDING BACKFILLING OF SOFT SPOTS, LOCALIZED DEPRESSIONS ETCETERA (THE FOLLOWING CRITERIA WHICH RESULTS IN THE HIGHEST FREQUENCY OF TESTING WILL BE FOLLOWED).

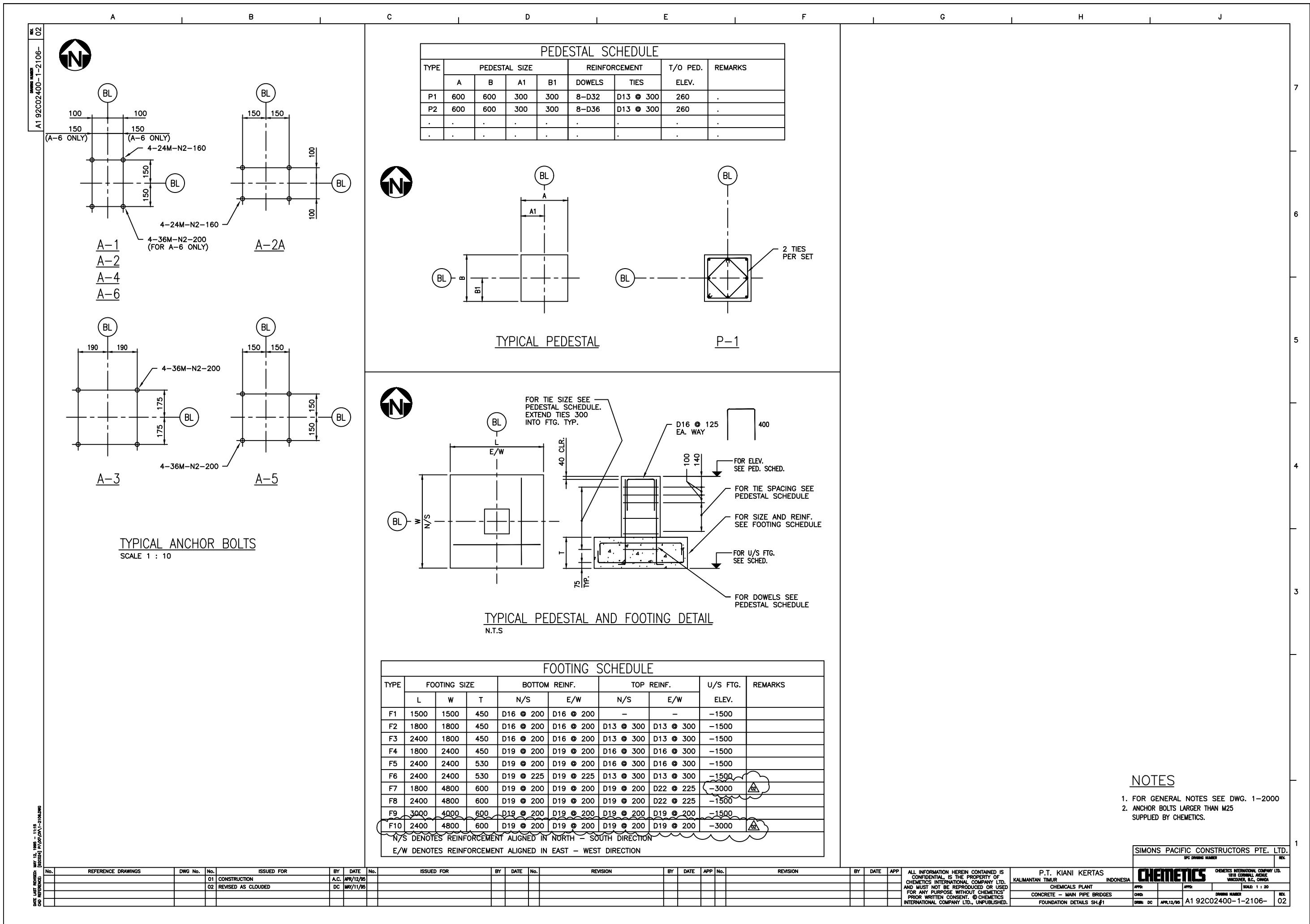
  - 1 TEST PER 100m<sup>3</sup> DISTRIBUTED EVENLY THROUGH THE FULL DEPTH AND AREA.
  - 1 TEST PER LIFT PER 500m<sup>2</sup> AREA
  - 3 TESTS PER MATERIAL TYPE PER WORKING SHIFT

SIMONS PACIFIC CONSTRUCTORS PTE. LTD.		
SPC DRIVING NUMBER		
REV		
<b>CHEMTECTS</b>		
CHEMTECTS INTERNATIONAL COMPANY LTD. 1818 CORNWALL AVENUE VANCOUVER, B.C., CANADA		
APP#:	APP#:	SCALE: 1:25
CHDR: HSN	JAN7/94	DRIVING NUMBER
DECR: JHK	NOV 1994	REV
A1 92C02400-1-2101-02		





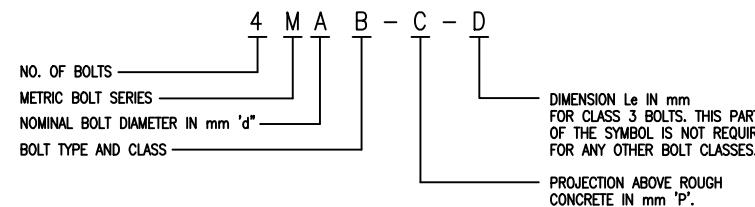




NOTES:

#### 1. DESIGNATION OF ANCHOR BOLT ASSEMBLY

1.1 ANCHOR BOLT ASSEMBLIES SHALL BE CALLED UP ON THE CONSTRUCTION DRAWINGS USING THE FOLLOWING SYSTEM OF DESIGNATION WHICH CONSISTS OF A FOUR PART SYMBOL "A,B,C,D"



- 1.2 EXAMPLES OF ANCHOR BOLT ASSEMBLY DESIGNATION:

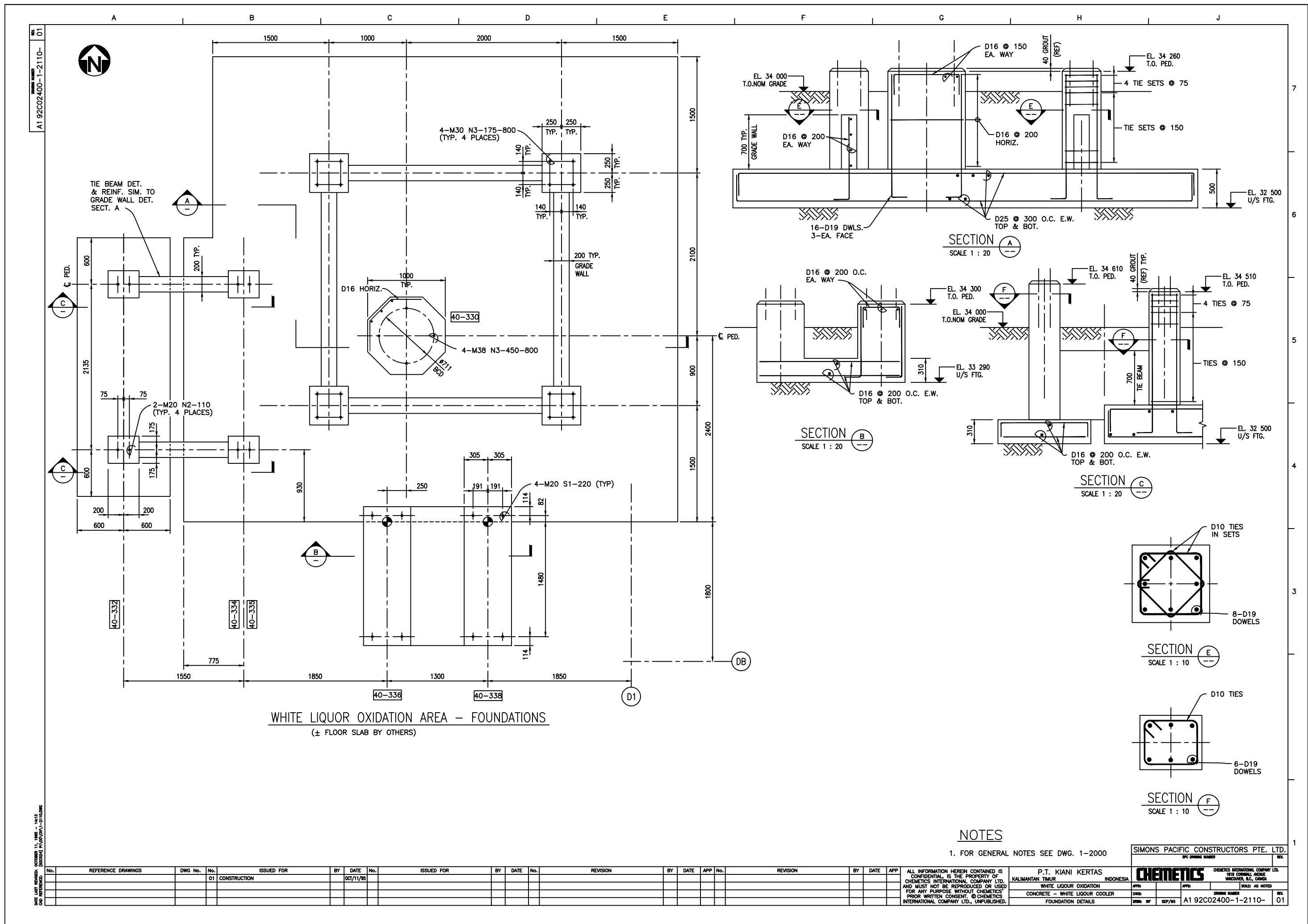
  - a. M24 N1-200 DESIGNATES 24 mm DIAMETER BOLT TYPE N CLASS 1 WITH 200 mm PROJECTION.
  - b. M20 S2-120 DESIGNATES 20mm DIAMETER BOLT TYPE S CLASS 2 WITH 120 mm PROJECTION
  - c. M30 S3-150-600 DESIGNATES 30mm DIAMETER BOLT TYPE S CLASS 3 WITH 150 mm PROJ AND L<sub>e</sub> DIMENSION OF 600 mm

1.3 FOR ANCHOR BOLT DETAILS, SPECS., ETC. SEE HAS 1D-20.01 SHEETS 1 TO

## COLUMN, PIPE RACKS, ETC. ANCHOR BOLT SCHEDULE

COL BAYLINE LOCATION OR PAD DISCRIPTION	ANCHOR BOLT I.D. MARK (NOTE 1)	SETS REQUIRED	PLACEMENT DRAWING	ANCHOR BOLT SUPPLIED BY	NOTES
MAIN PIPE BRIDGE					
8-G , 8A-G	4-M36-N2-200	2	1-2103	CHEMETICS	C/W DOUBLE NUTS
8-K , 8A-K	4-M36-N2-200	2	1-2103	CHEMETICS	C/W DOUBLE NUTS
8-M , 9-M	4-M36-N2-200	2	1-2103	CHEMETICS	C/W DOUBLE NUTS
8-N , 9-N	4-M36-N2-200	2	1-2103	CHEMETICS	C/W DOUBLE NUTS
8-O , 9-O	4-M36-N2-200	2	1-2104	CHEMETICS	C/W DOUBLE NUTS
8-P , 9-P	4-M36-N2-200	2	1-2104	CHEMETICS	C/W DOUBLE NUTS
8-Q , 9-Q	4-M36-N2-200	2	1-2104	CHEMETICS	C/W DOUBLE NUTS
8-R , 9-R	4-M36-N2-200	2	1-2104	CHEMETICS	C/W DOUBLE NUTS
8-S , 9-S	4-M36-N2-200	2	1-2104	CHEMETICS	C/W DOUBLE NUTS
8-T , 9-T	4-M36-N2-200	2	1-2104	CHEMETICS	C/W DOUBLE NUTS
8-U , 9-U	4-M36-N2-200	2	1-2104	CHEMETICS	C/W DOUBLE NUTS
8-V , 9-V	4-M36-N2-200	2	1-2104	CHEMETICS	C/W DOUBLE NUTS
8-W , 9-W	4-M36-N2-200	2	1-2104	CHEMETICS	C/W DOUBLE NUTS
8-X , 9-X	4-M36-N2-200	2	1-2104	CHEMETICS	C/W DOUBLE NUTS
1-Y , 1-Z	4-M36-N2-200	2	1-2105	CHEMETICS	C/W DOUBLE NUTS
2-Y , 2-Z	4-M36-N2-200	2	1-2105	CHEMETICS	C/W DOUBLE NUTS
6-Y , 6-Z	4-M36-N2-200	2	1-2105	CHEMETICS	C/W DOUBLE NUTS
7-Y , 7-Z	4-M36-N2-200	2	1-2105	CHEMETICS	C/W DOUBLE NUTS
10-Y , 10-Z	4-M36-N2-200	2	1-2105	CHEMETICS	C/W DOUBLE NUTS
12-Y , 12-Z	4-M36-N2-200	2	1-2105	CHEMETICS	C/W DOUBLE NUTS
13-Y , 13-Z	4-M36-N2-200	2	1-2105	CHEMETICS	C/W DOUBLE NUTS
17-Y , 17-Z	4-M36-N2-200	2	1-2105	CHEMETICS	C/W DOUBLE NUTS
18-Y , 18-Z	4-M36-N2-200	2	1-2105	CHEMETICS	C/W DOUBLE NUTS
SPARES	8-M36-N2-200			CHEMETICS	C/W DOUBLE NUTS
8-X	4-M36-N2-200	1	1-2105	CHEMETICS	C/W DOUBLE NUTS
8-W , 9-W	4-M36-N2-200	2	1-2104	CHEMETICS	C/W DOUBLE NUTS
SPARES	24-M36-N2-200			CHEMETICS	C/W DOUBLE NUTS

- PLEASE ORDER AND FABRICATE THESE BOLTS.▲



A B C D E F G H J

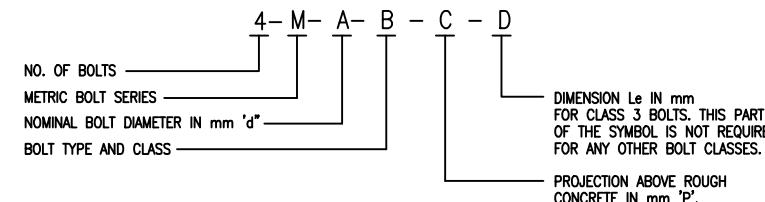
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REV: C2

EQUIPMENT ANCHOR BOLT SCHEDULE						
EQUIPMENT NUMBER	EQUIPMENT TITLE	ANCHOR BOLT I.D. MARK (NOTE 1)	SETS REQUIRED	PLACEMENT DRAWING	ANCHOR BOLT SUPPLIED BY	NOTES
42-210	CHLORATE REACTOR	8-M36-S2-360	1	TO COME	CHEMETICS	
42-211	ELECTROLYTE COOLER	8-M24-S2-160	1	X	BY OTHERS	
42-220	CHLORATE LIQUOR HOLDING TANK	12-M30-S2-200	1	X	CHEMETICS	
42-222	STRONG CHLORATE FEED TANK	8-M24-S2-260	1	X	BY OTHERS	
42-223	STRONG CHLORATE FEED PUMP #1	4-M20-S1-210	1	X	BY OTHERS	HOLD
42-224	STRONG CHLORATE FEED PUMP #2	4-M20-S1-210	1	X	BY OTHERS	HOLD
42-230	CHLORINE DIOXIDE GENERATOR #1	4-M24-S2-120	1	X	BY OTHERS	FIXED END
42-230	CHLORINE DIOXIDE GENERATOR #1	4-M24-S2-120	1	X	BY OTHERS	SLIDING END
42-231	CHLORINE DIOXIDE ABSORBER #1	6-M16	0	X	SUPPLIED BY EQUIP. VENDOR	
42-232	CHLORINE DIOXIDE TRANSFER PUMP #1	4-M20-S1-210	1	X	BY OTHERS	HOLD
42-235	WEAK CHLORATE EVAPORATOR	4-M24-S2-120	1	X	BY OTHERS	FIXED END
42-235	WEAK CHLORATE EVAPORATOR	4-M24-S2-170	1	X	BY OTHERS	SLIDING END
42-236	WEAK CHLORATE PUMP	4-M16-S1-175	1	X	BY OTHERS	HOLD
42-238	DILUTION AIR COMPRESSOR	10-M20-S2-110	1	X	BY OTHERS	
42-240	CHLORINE DIOXIDE GENERATOR #2	4-M24-S2-120	1	X	BY OTHERS	FIXED END
42-240	CHLORINE DIOXIDE GENERATOR #2	4-M24-S2-170	1	X	BY OTHERS	SLIDING END
42-241	CHLORINE DIOXIDE ABSORBER #2	16-M16	1	X	SUPPLIED BY EQUIP. VENDOR	
42-242	CL02 TRANSFER PUMP #1	4-M20-S1-210	1	X	BY OTHERS	HOLD
42-250	HYDROGEN SCRUBBER	4-M20-S2-140	1	X	BY OTHERS	
42-251	HYDROGEN SCRUBBER PUMP #1	4-M16-S1-160	1	X	BY OTHERS	HOLD
42-252	HYDROGEN SCRUBBER PUMP #2	4-M16-S1-160	1	X	BY OTHERS	HOLD
42-254	HYDROGEN SCREBBER COOLER	3-M24-S1-90	1	X	BY OTHERS	
42-267	HCl PUMP TANK	4-M20-S2-125	1	X	BY OTHERS	
42-268	HCl TRANSFER PUMP	4-M16-S1-160	1	X	BY OTHERS	HOLD
42-285	SEAL WATER TANK	8-M30-S2-180	1	X	CHEMETICS	
42-286	SEAL WATER PUMP #1	4-M16	1	X	BY OTHERS	HOLD
42-287	SEAL WATER PUMP #2	4-M16	1	X	BY OTHERS	HOLD
		X	1	X		
		X	1	X		
42-291	RECTIFIER/TRANSFORMER	X	1	X	CHEMETICS	

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1.3 FOR ANCHOR BOLT DETAILS SPECS. ETC. SEE HAS 1D-20.01 SHEETS 1 TO 5.

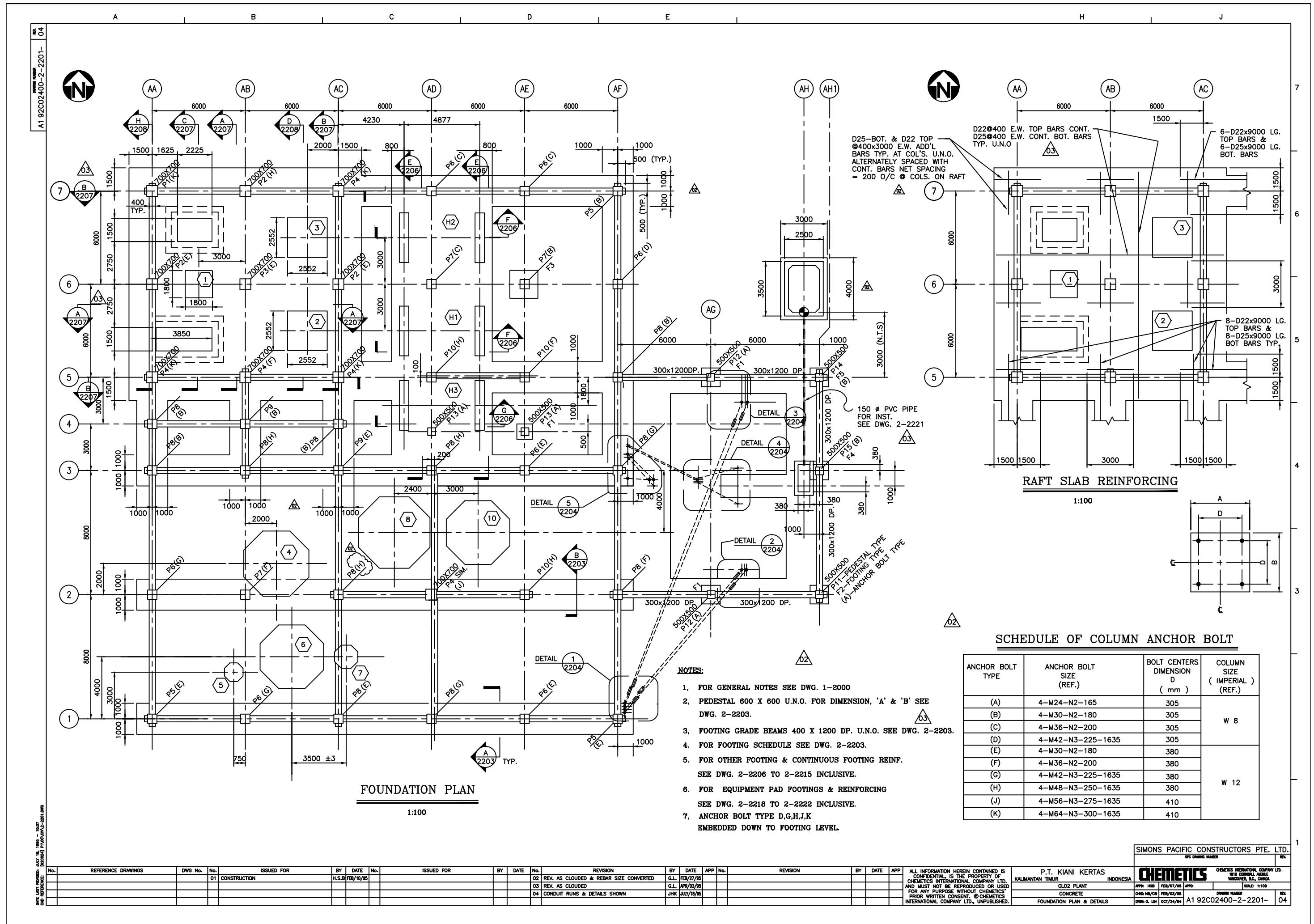
## COLUMN, PIPE RACKS, ETC. ANCHOR BOLT SCHEDULE

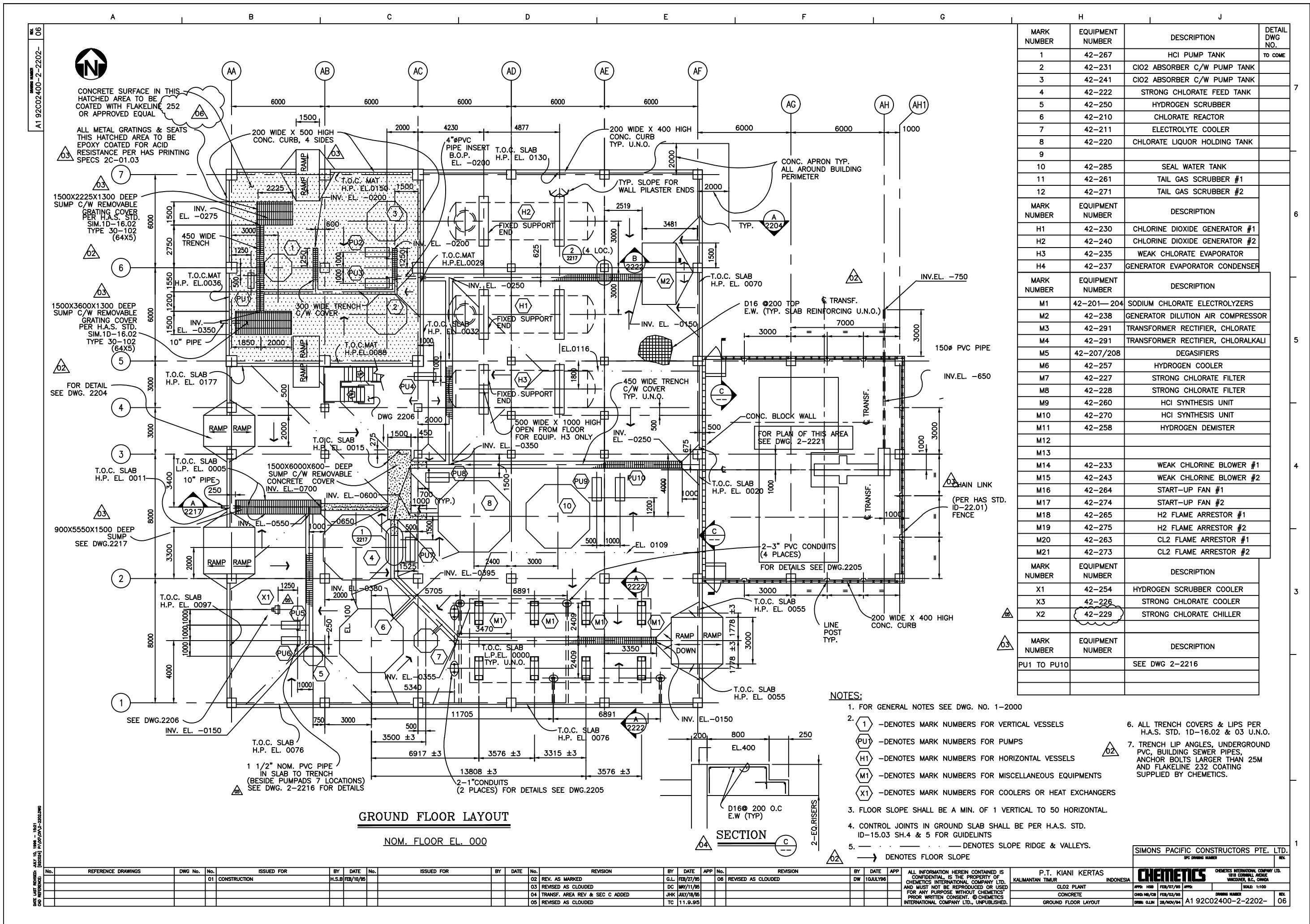
COL BAYLINE LOCATION OR PAD DESCRIPTION	ANCHOR BOLT I.D. MARK (NOTE 1)	SETS REQUIRED	PLACEMENT DRAWING	ANCHOR BOLT SUPPLIED BY	NOTES
7-AA	4-M64-N3-300-1635	1	2-3201	CHEMETICS	DOUBLE NUTS
7-AB	4-M48-N3-250-1635	1	2-3201	CHEMETICS	DOUBLE NUTS
7-AC	4-M64-N3-300-1635	1	2-3201	CHEMETICS	DOUBLE NUTS
7-AD	4-M36-N2-200	1	2-3201	CHEMETICS	DOUBLE NUTS
7-AE	4-M36-N2-200	1	2-3201	CHEMETICS	DOUBLE NUTS
7-AF	4-M30-N2-180	1	2-3201	CHEMETICS	DOUBLE NUTS
6-AA	4-M36-N2-200	1	2-3201	CHEMETICS	DOUBLE NUTS
6-AB	4-M36-N2-200	1	2-3201	CHEMETICS	DOUBLE NUTS
6-AC	4-M36-N2-200	1	2-3201	CHEMETICS	DOUBLE NUTS
6-AD	4-M36-N2-200	1	2-3201	CHEMETICS	DOUBLE NUTS
6-AE	4-M30-N2-180	1	2-3201	CHEMETICS	DOUBLE NUTS
6-AF	4-M42-N3-225-1635	1	2-3201	CHEMETICS	DOUBLE NUTS
5-AA	4-M64-N3-300-1635	1	2-3201	CHEMETICS	DOUBLE NUTS
5-AB	4-M36-N2-200	1	2-3201	CHEMETICS	DOUBLE NUTS
5-AC	4-M64-N3-300-1635	1	2-3201	CHEMETICS	DOUBLE NUTS
5-AD	4-M48-N3-250-1635	1	2-3201	CHEMETICS	DOUBLE NUTS
5-AE	4-M36-N2-200	1	2-3201	CHEMETICS	DOUBLE NUTS
5-AG	4-M30-N2-180	1	2-3201	CHEMETICS	DOUBLE NUTS
5-AH1	4-M30-N2-180	1	2-3201	CHEMETICS	DOUBLE NUTS
4-AA	4-M30-N2-180	1	2-3201	CHEMETICS	DOUBLE NUTS
4-AB	4-M30-N2-180	1	2-3201	CHEMETICS	DOUBLE NUTS
4-AC	4-M30-N2-180	1	2-3201	CHEMETICS	DOUBLE NUTS
4-AD	4-M24-N2-165	1	2-3201	BY OTHERS	DOUBLE NUTS
4-AE	4-M24-N2-165	1	2-3201	BY OTHERS	DOUBLE NUTS
3-AA	4-M30-N2-180	1	2-3201	CHEMETICS	DOUBLE NUTS
3-AB	4-M48-N3-250-1635	1	2-3201	CHEMETICS	DOUBLE NUTS
3-AC	4-M30-N2-180	1	2-3201	CHEMETICS	DOUBLE NUTS
3-AD	4-M48-N3-250-1635	1	2-3201	CHEMETICS	DOUBLE NUTS
3-AE	4-M30-N2-180	1	2-3201	CHEMETICS	DOUBLE NUTS
3-AF	4-M42-N3-225-1635	1	2-3201	CHEMETICS	DOUBLE NUTS
3-AH1	4-M30-N2-180	1	2-3201	CHEMETICS	DOUBLE NUTS
2-AA	4-M42-N3-225-1635	1	2-3201	CHEMETICS	DOUBLE NUTS
2-AB	4-M36-N2-200	1	2-3201	CHEMETICS	DOUBLE NUTS
2-AC	4-M48-N3-250-1635	1	2-3201	CHEMETICS	DOUBLE NUTS
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2-AE	4-M48-N3-250-1635	1	2-3201	CHEMETICS	DOUBLE NUTS
2-AF	4-M36-N2-200	1	2-3201	CHEMETICS	DOUBLE NUTS
2-AG	4-M24-N2-165	1	2-3201	BY OTHERS	DOUBLE NUTS
2-AH1	4-M24-N2-165	1	2-3201	BY OTHERS	DOUBLE NUTS
1-AA	4-M30-N2-180	1	2-3201	CHEMETICS	DOUBLE NUTS
1-AB	4-M42-N3-225-1635	1	2-3201	CHEMETICS	DOUBLE NUTS
1-AC	4-M30-N2-180	1	2-3201	CHEMETICS	DOUBLE NUTS
1-AD	4-M42-N3-225-1635	1	2-3201	CHEMETICS	DOUBLE NUTS
1-AE	4-M30-N2-180	1	2-3201	CHEMETICS	DOUBLE NUTS
1-AF	4-M30-N2-180	1	2-3201	CHEMETICS	DOUBLE NUTS

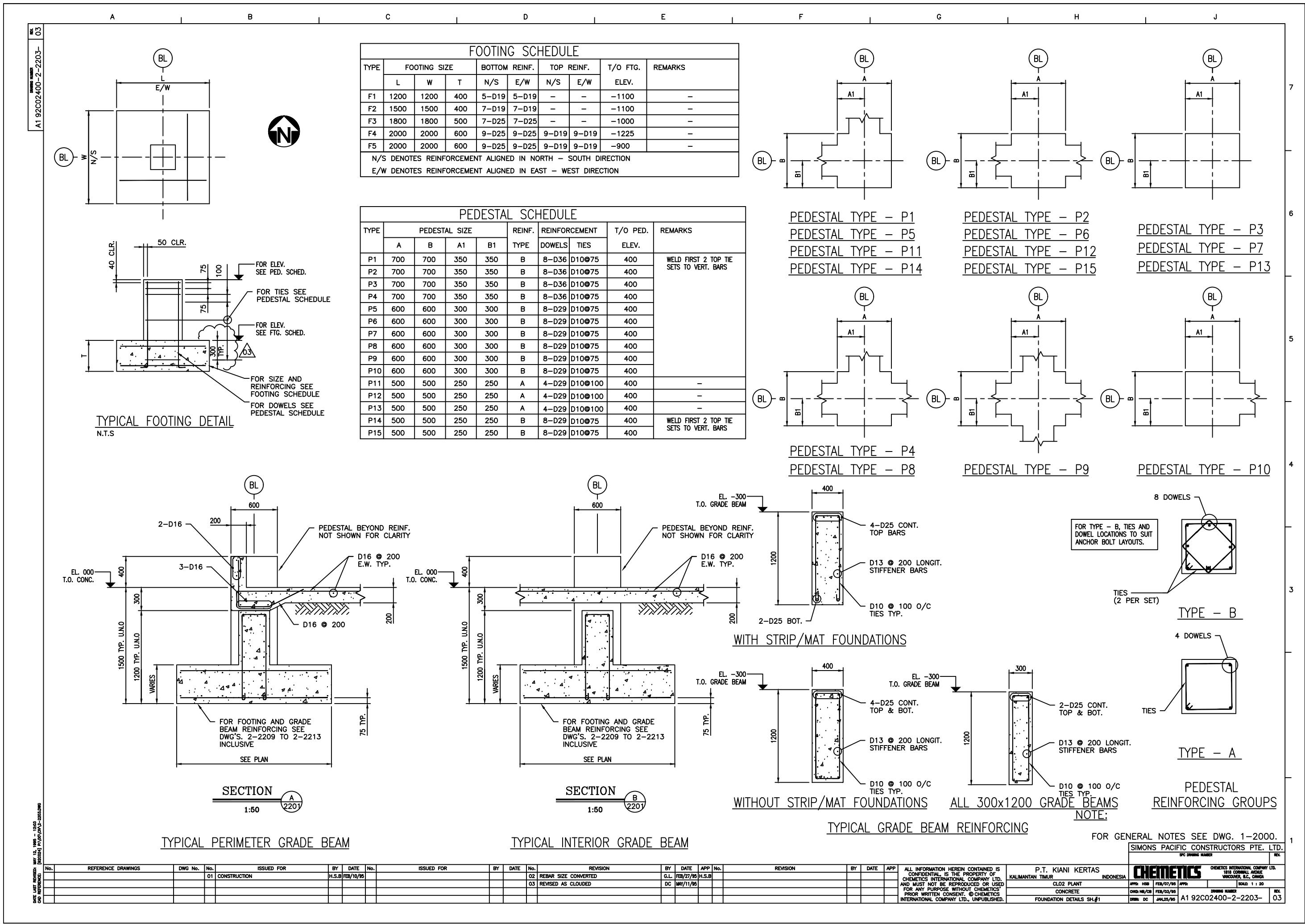
PLEASE FABRICATE ALL BOLTS  
SUPPLIED BY CHEMETICS.

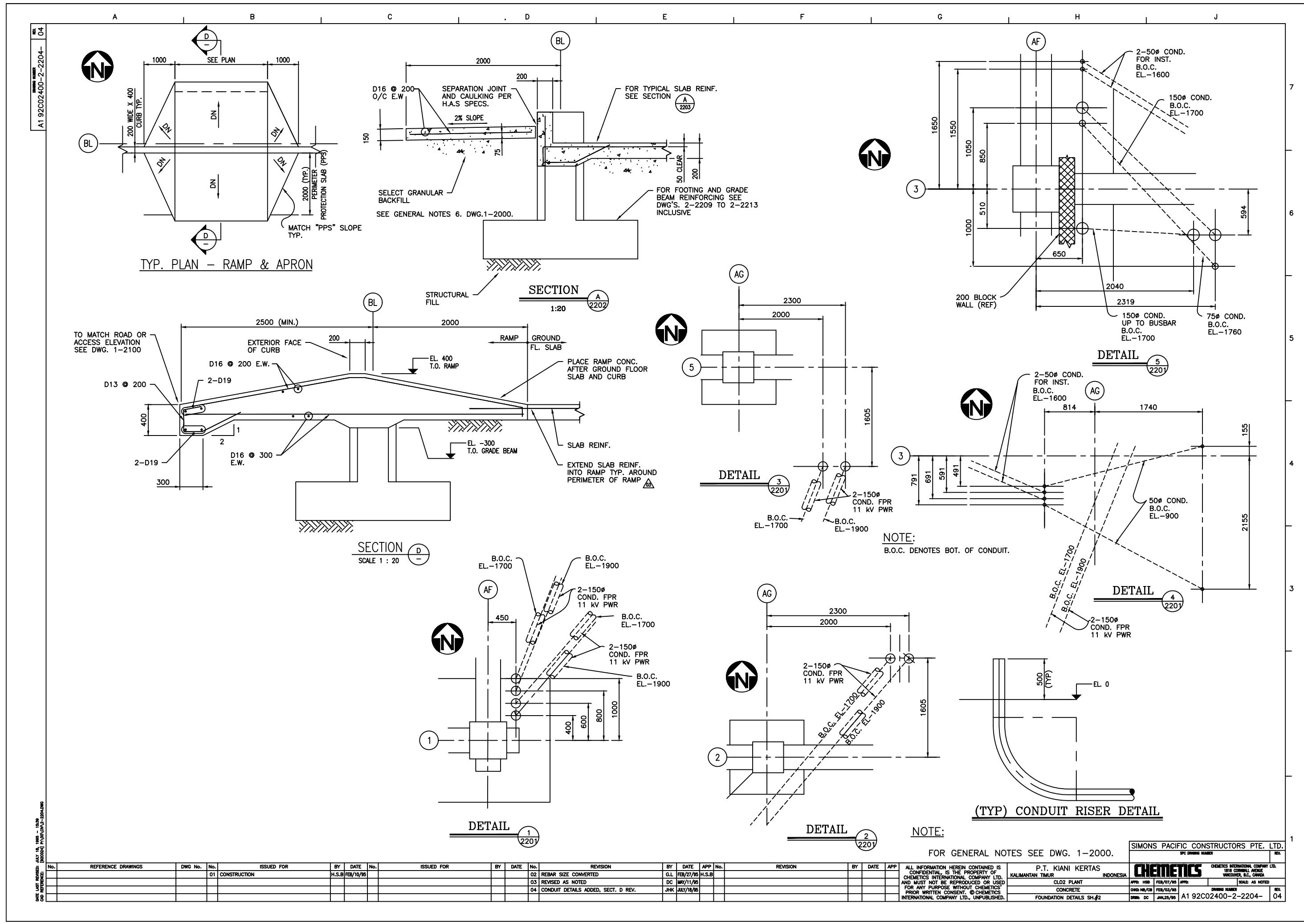
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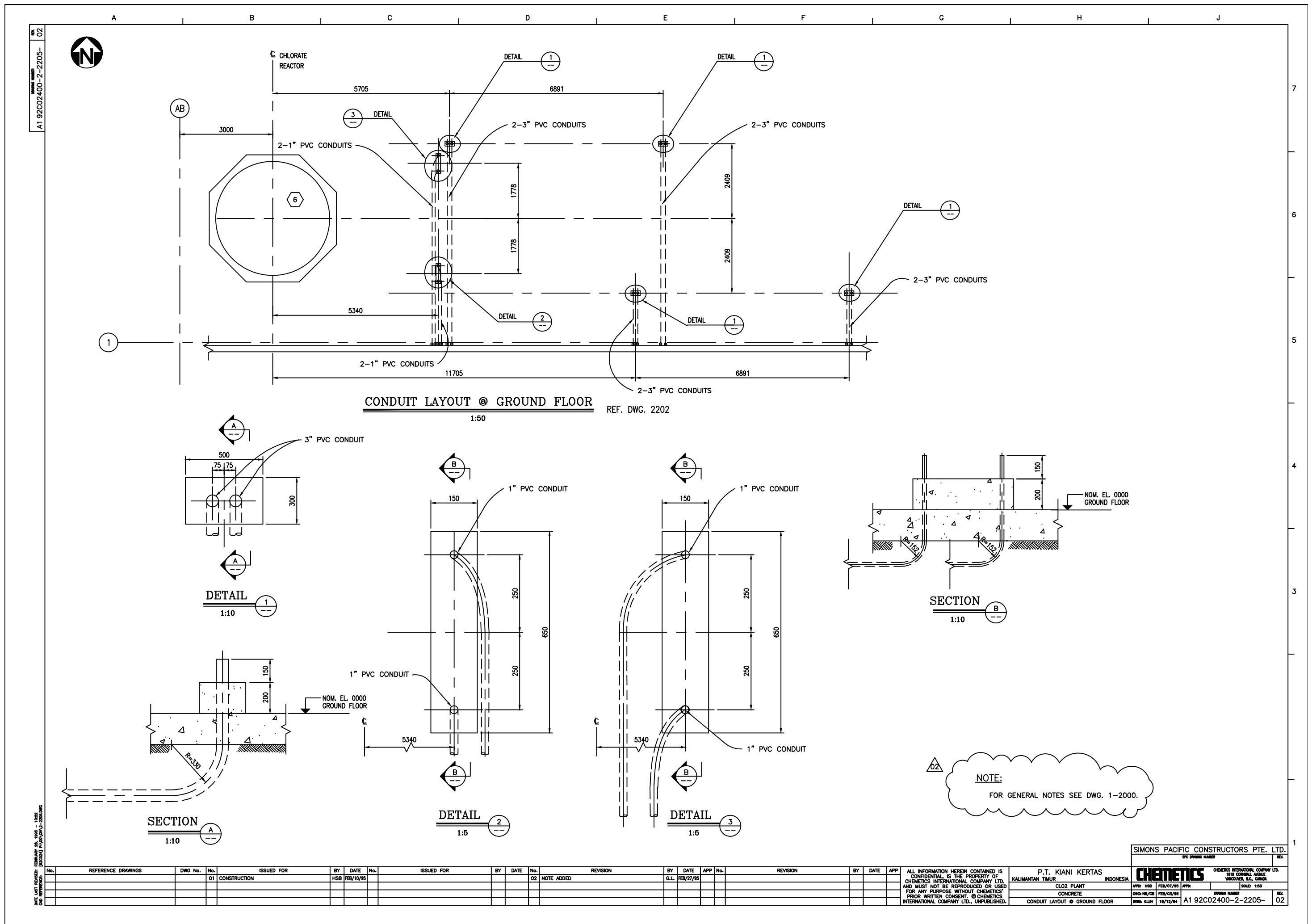
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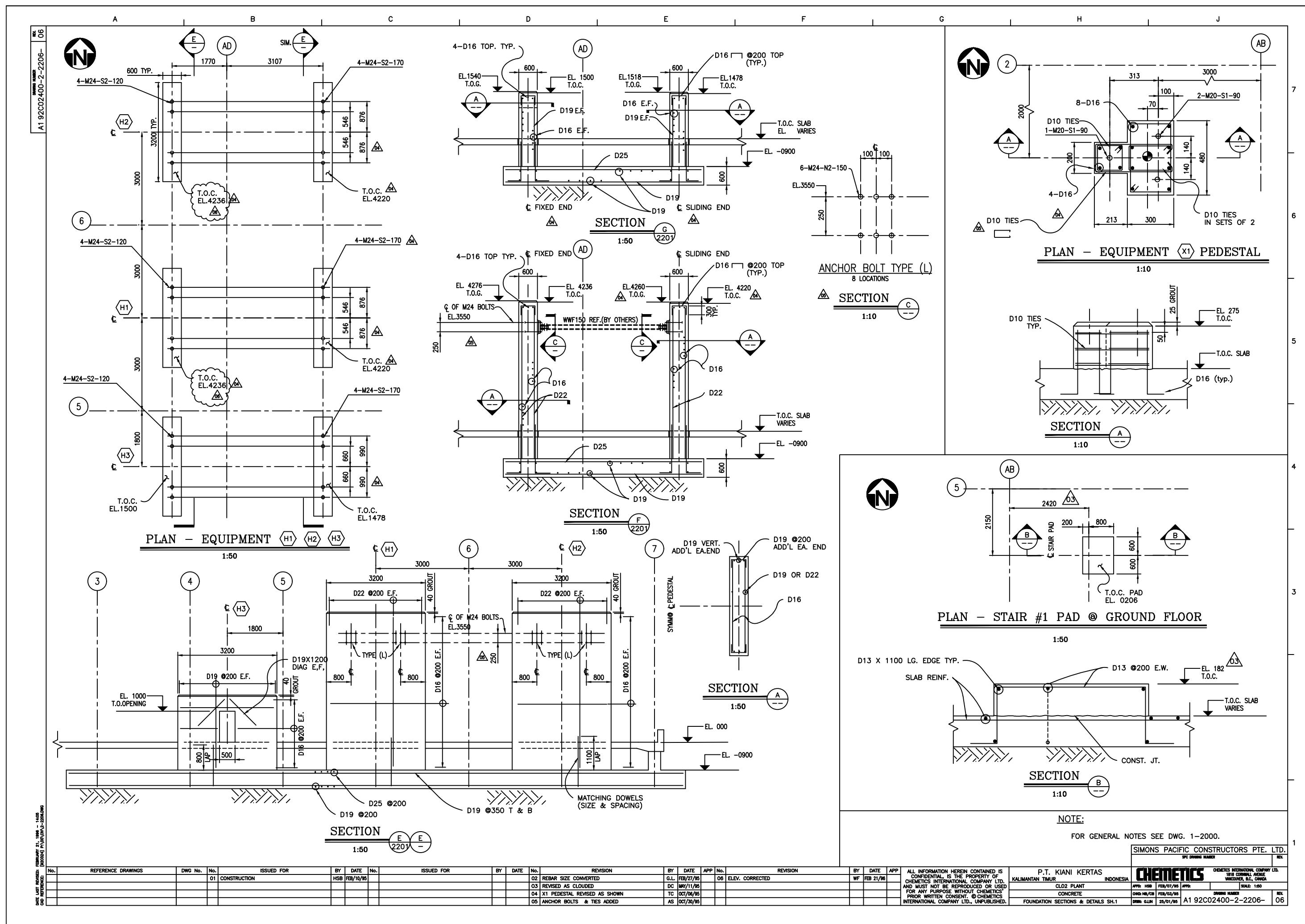


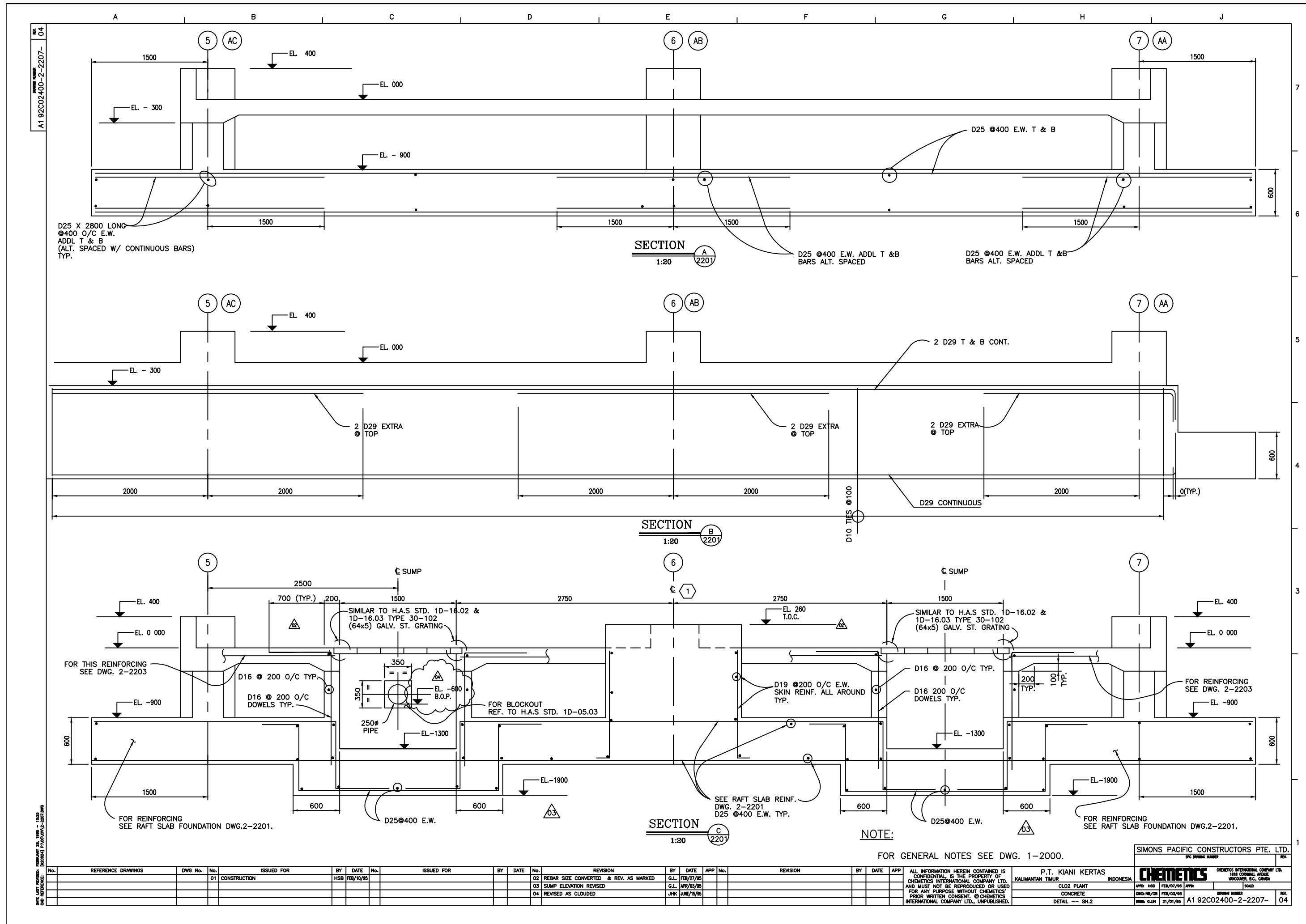


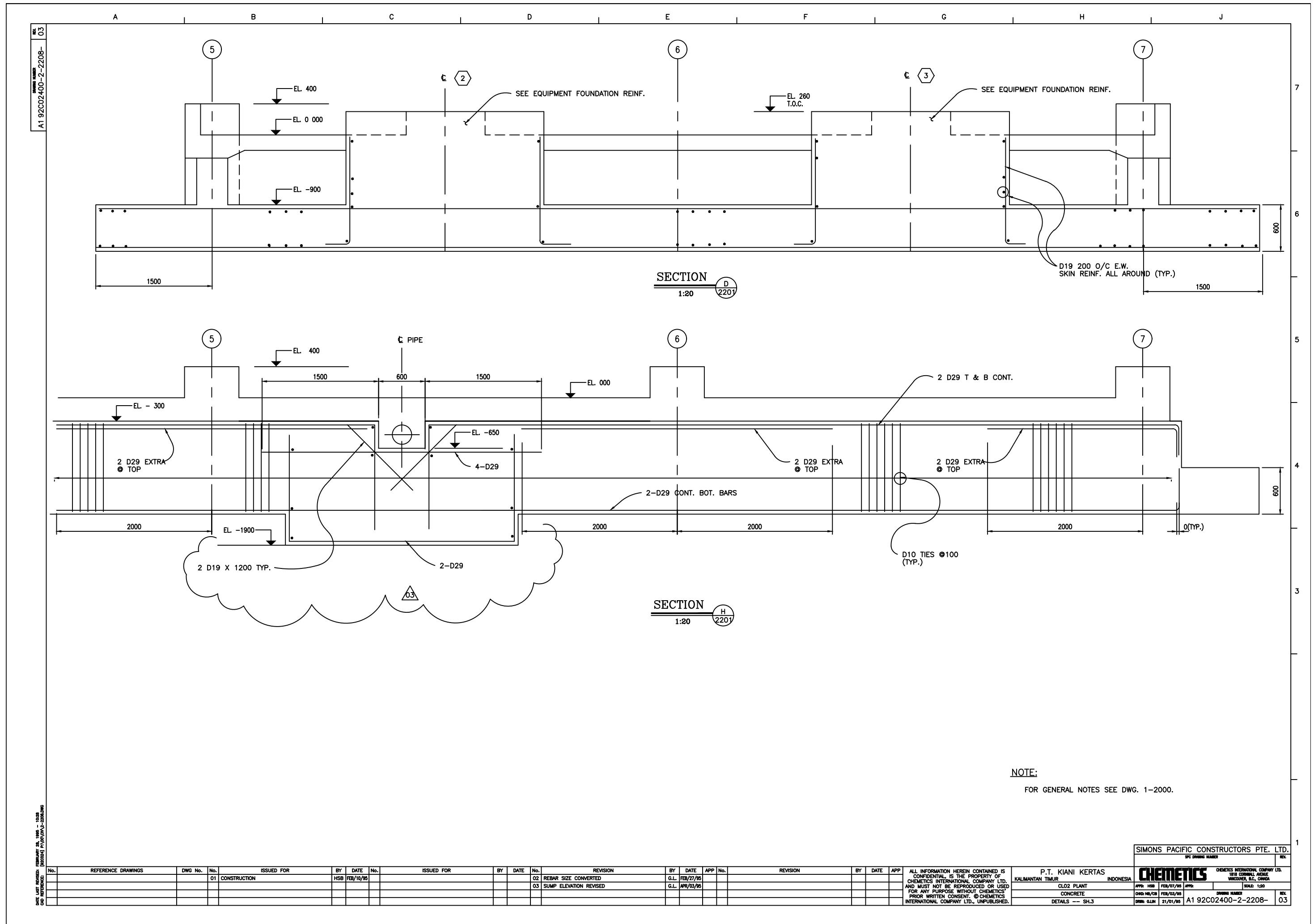


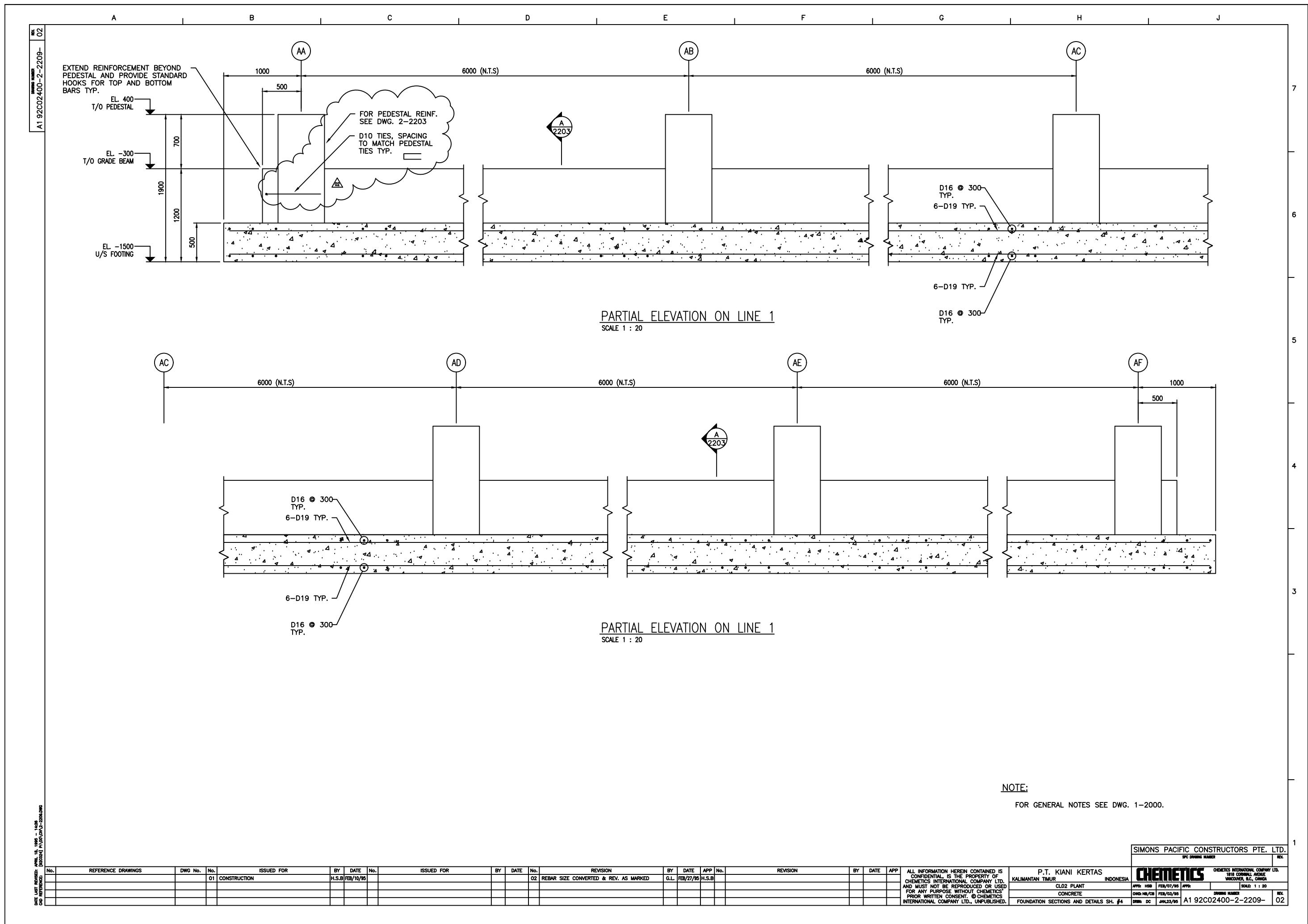


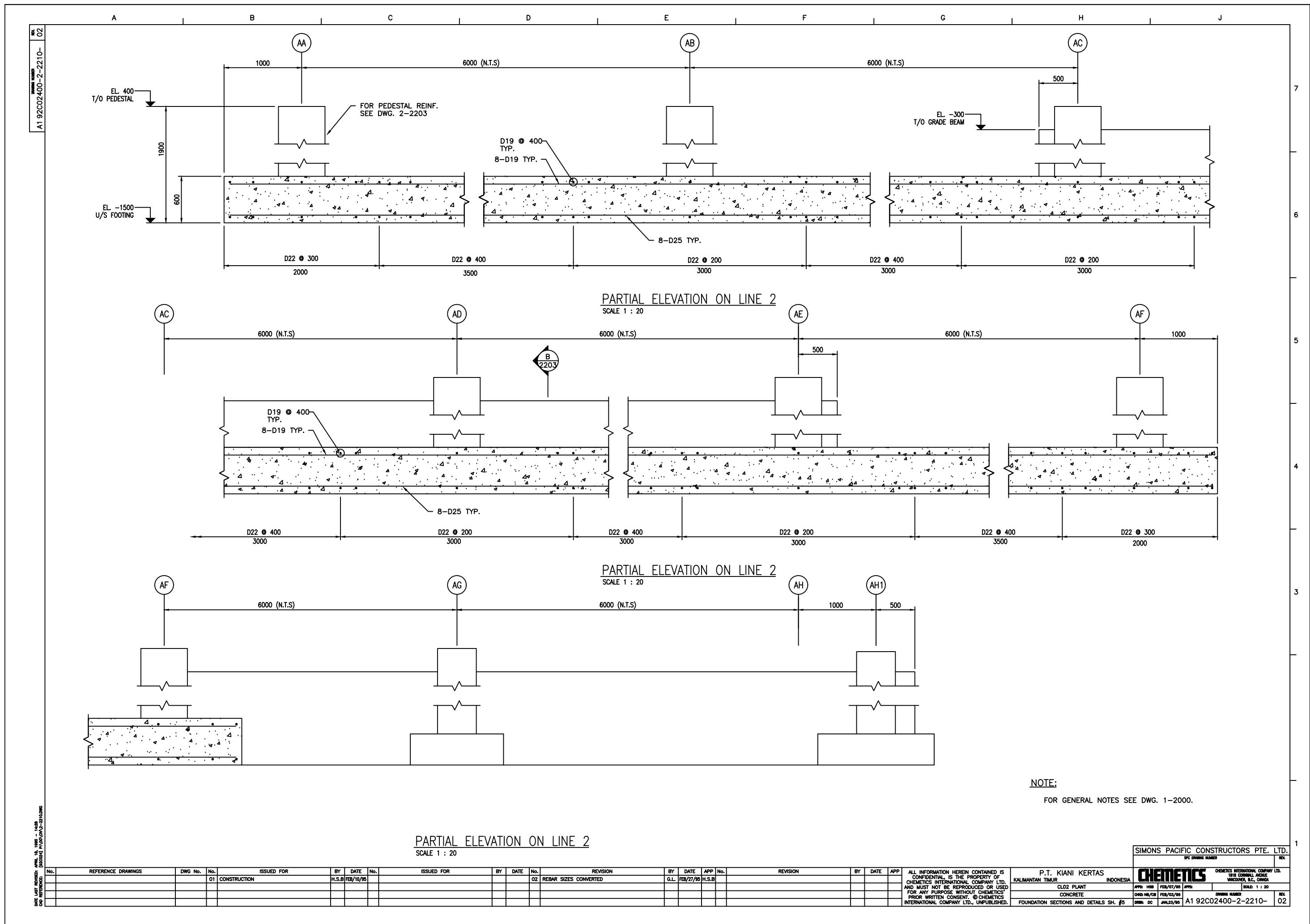


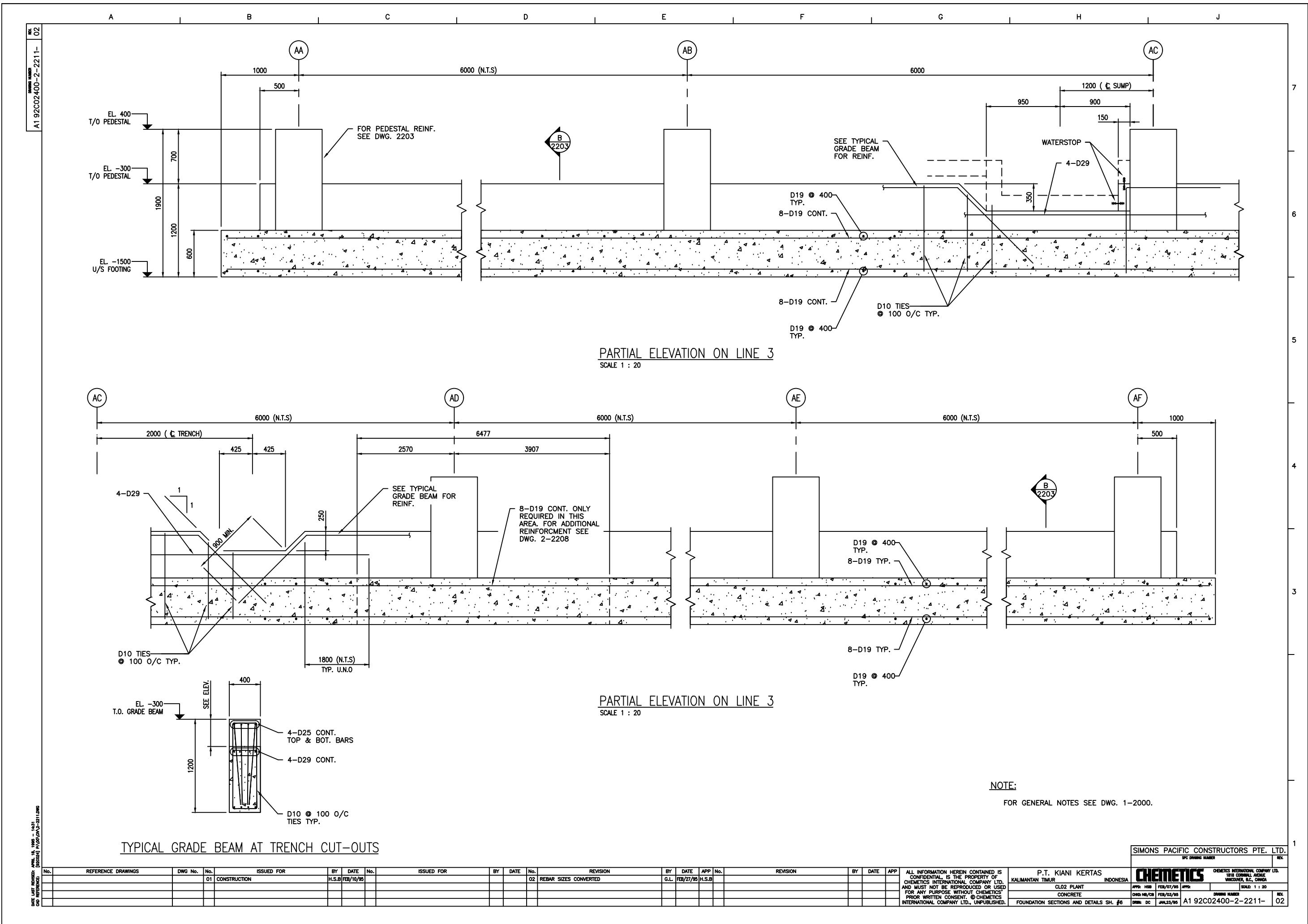


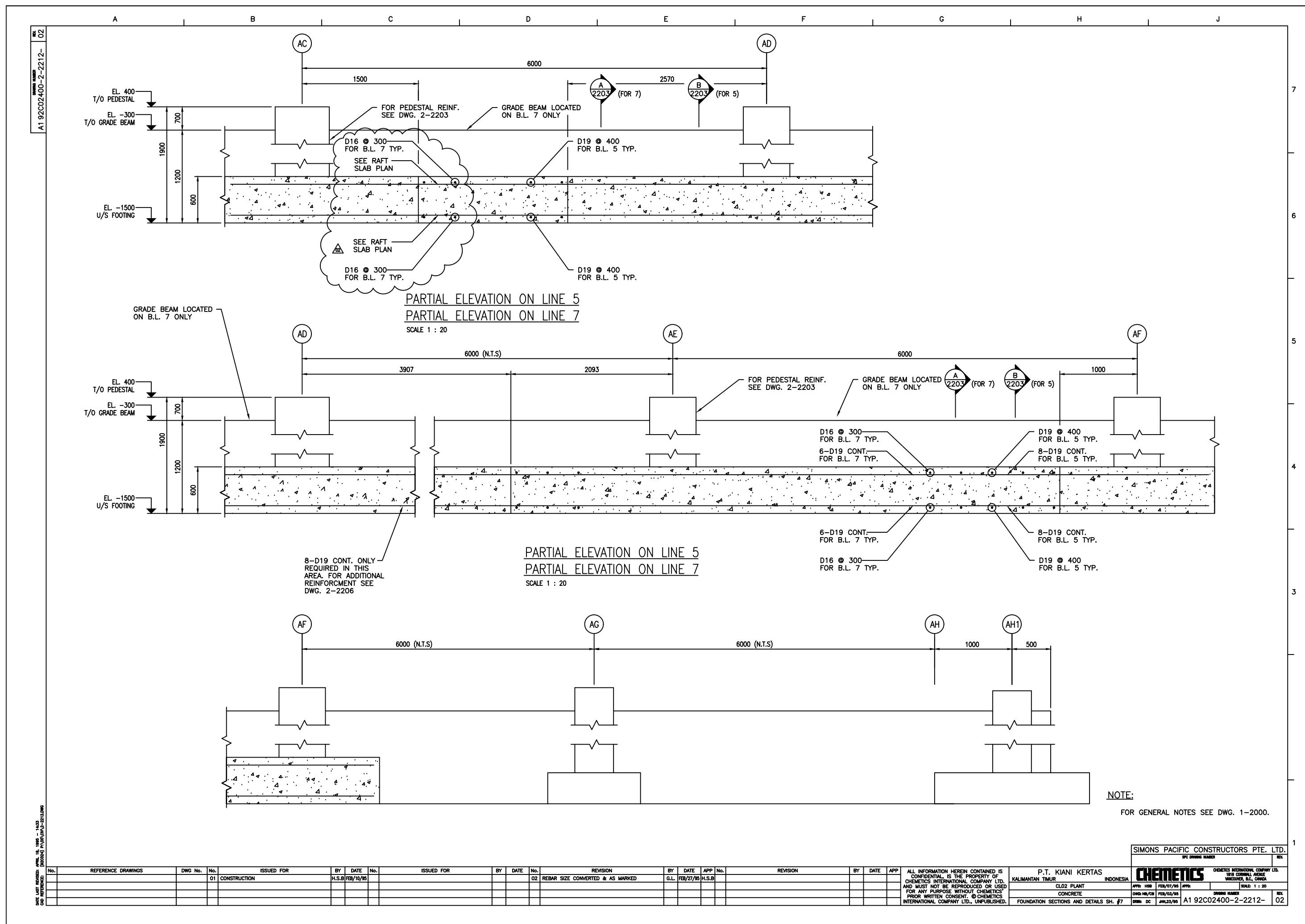


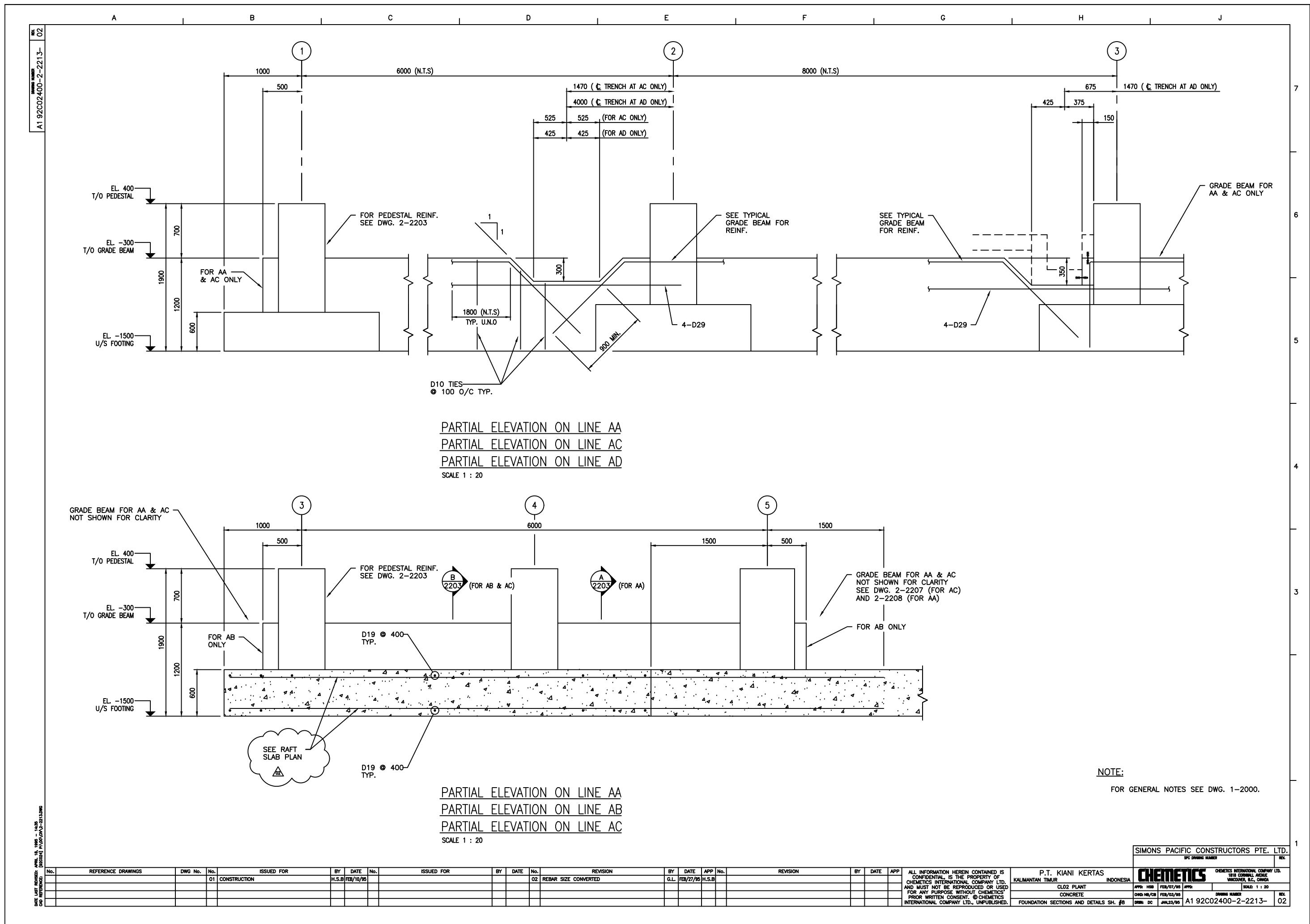


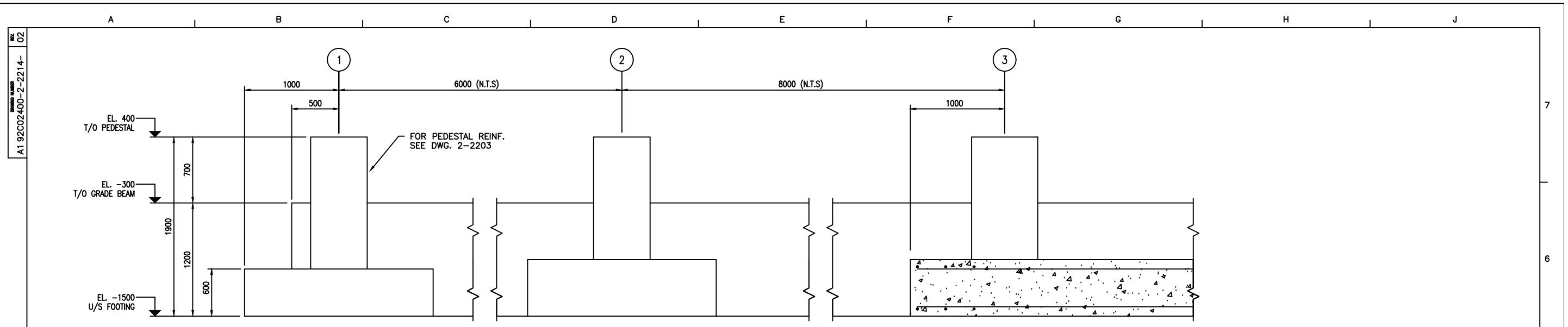






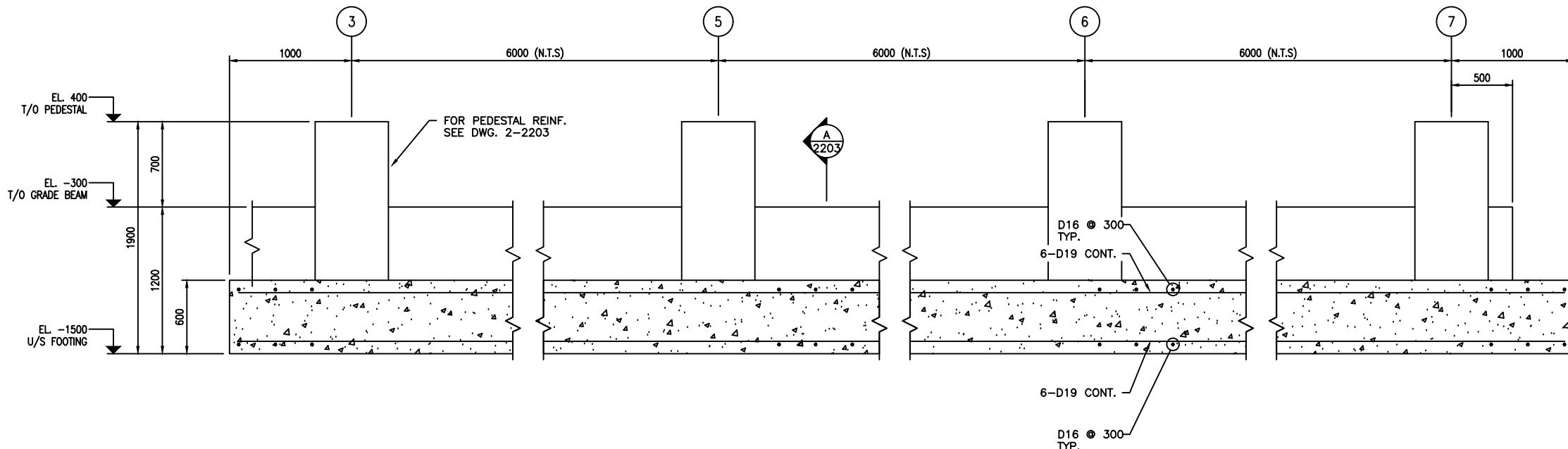






PARTIAL ELEVATION ON LINE AF

SCALE 1 : 20



PARTIAL ELEVATION ON LINE AF

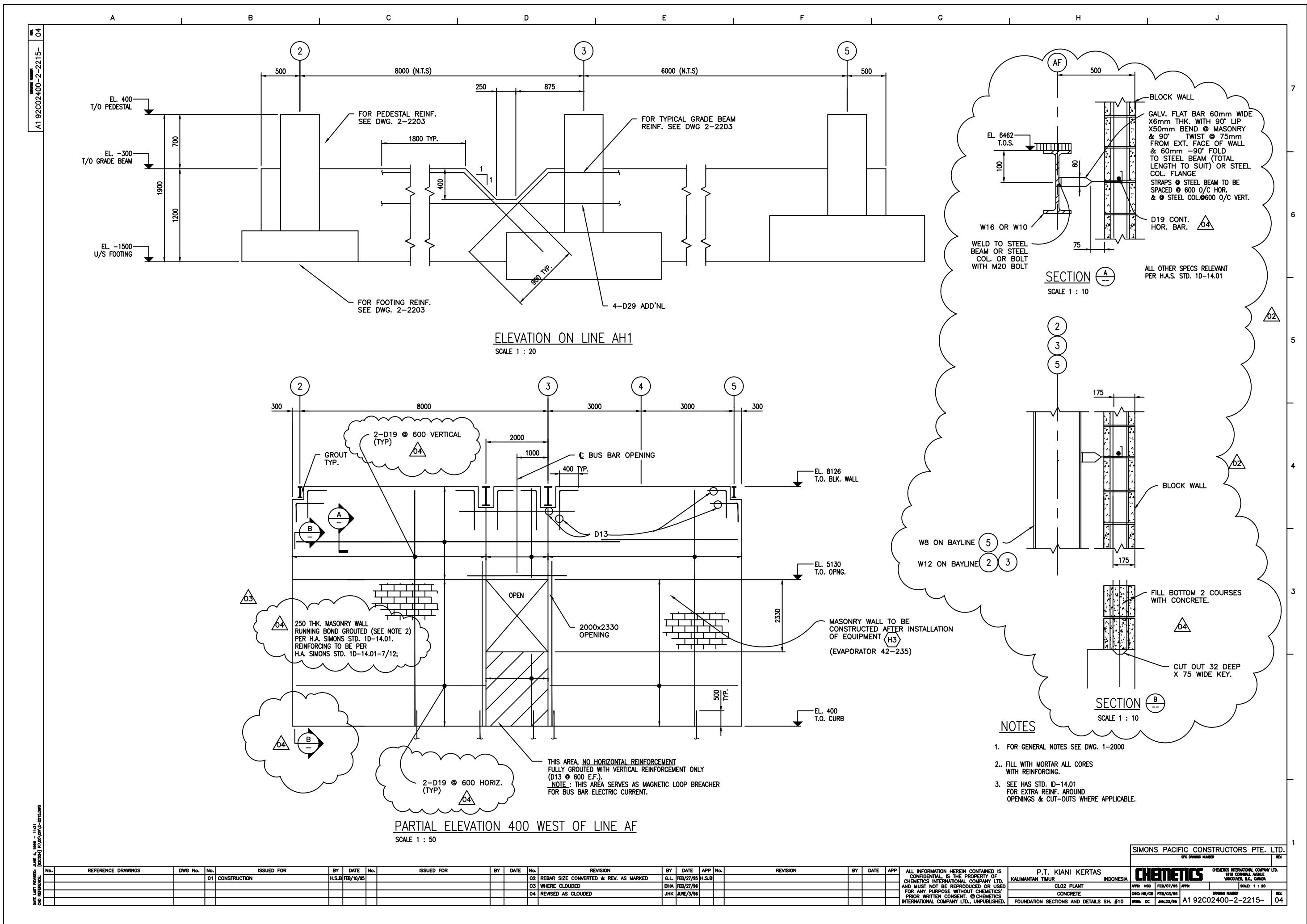
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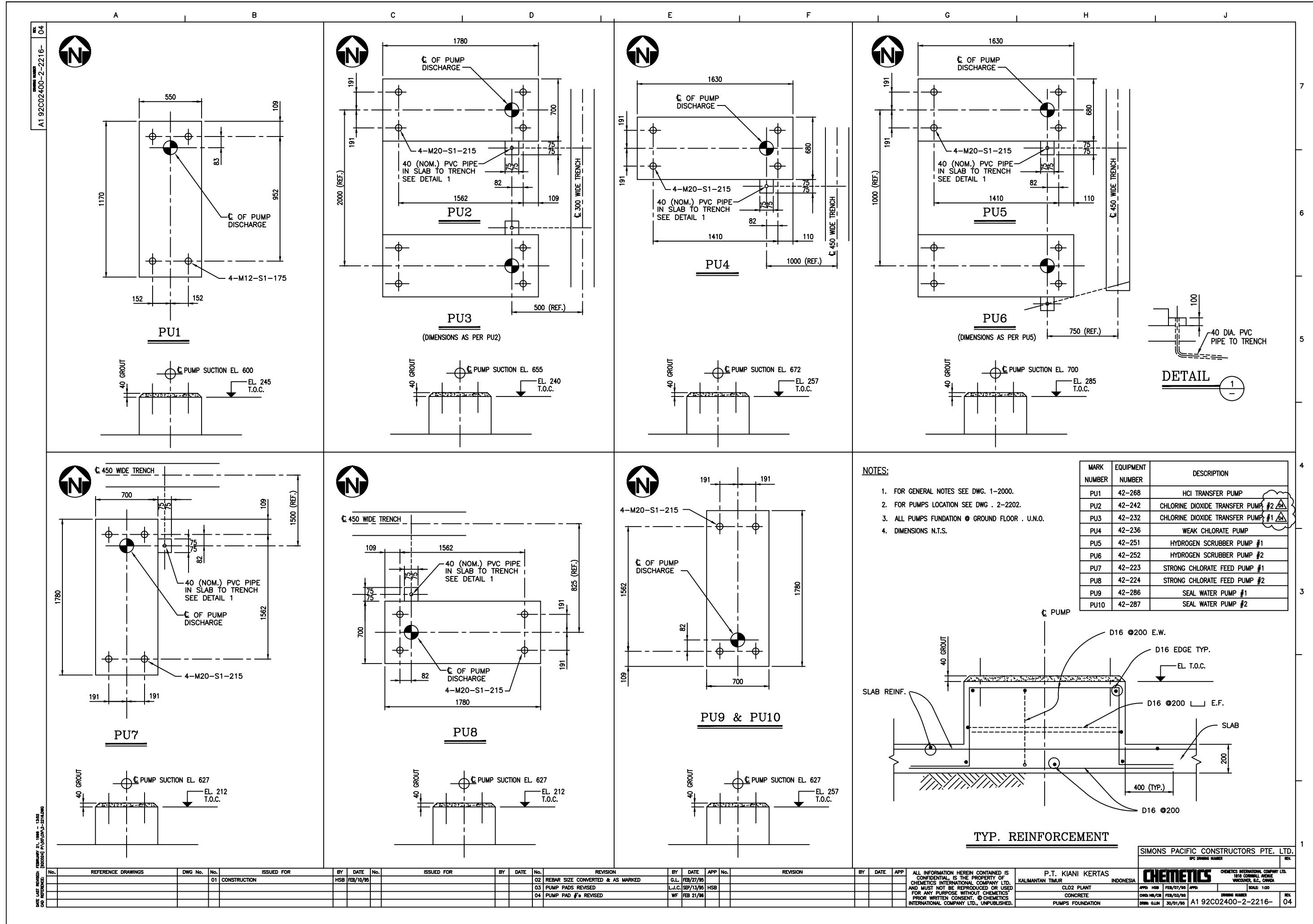
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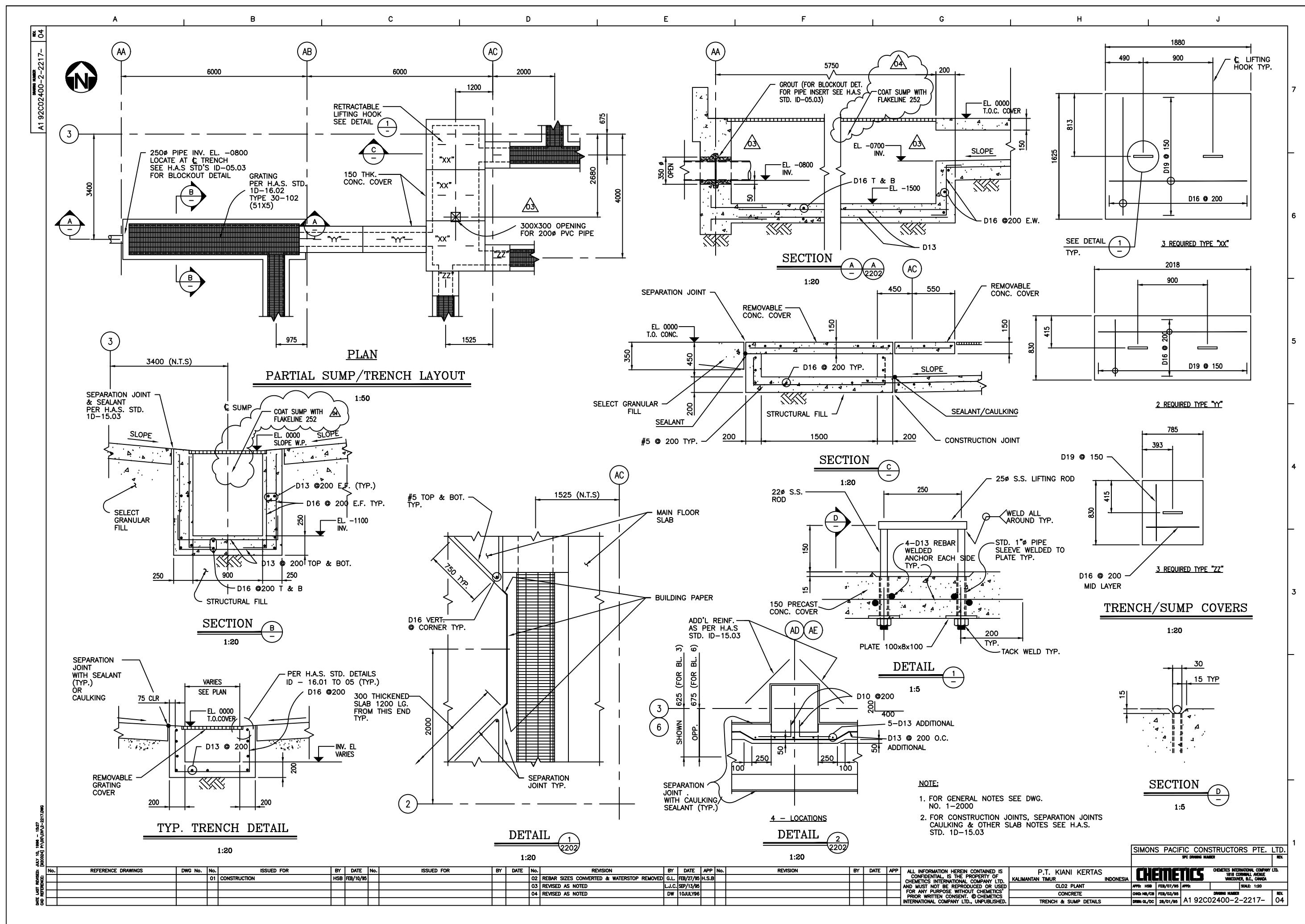
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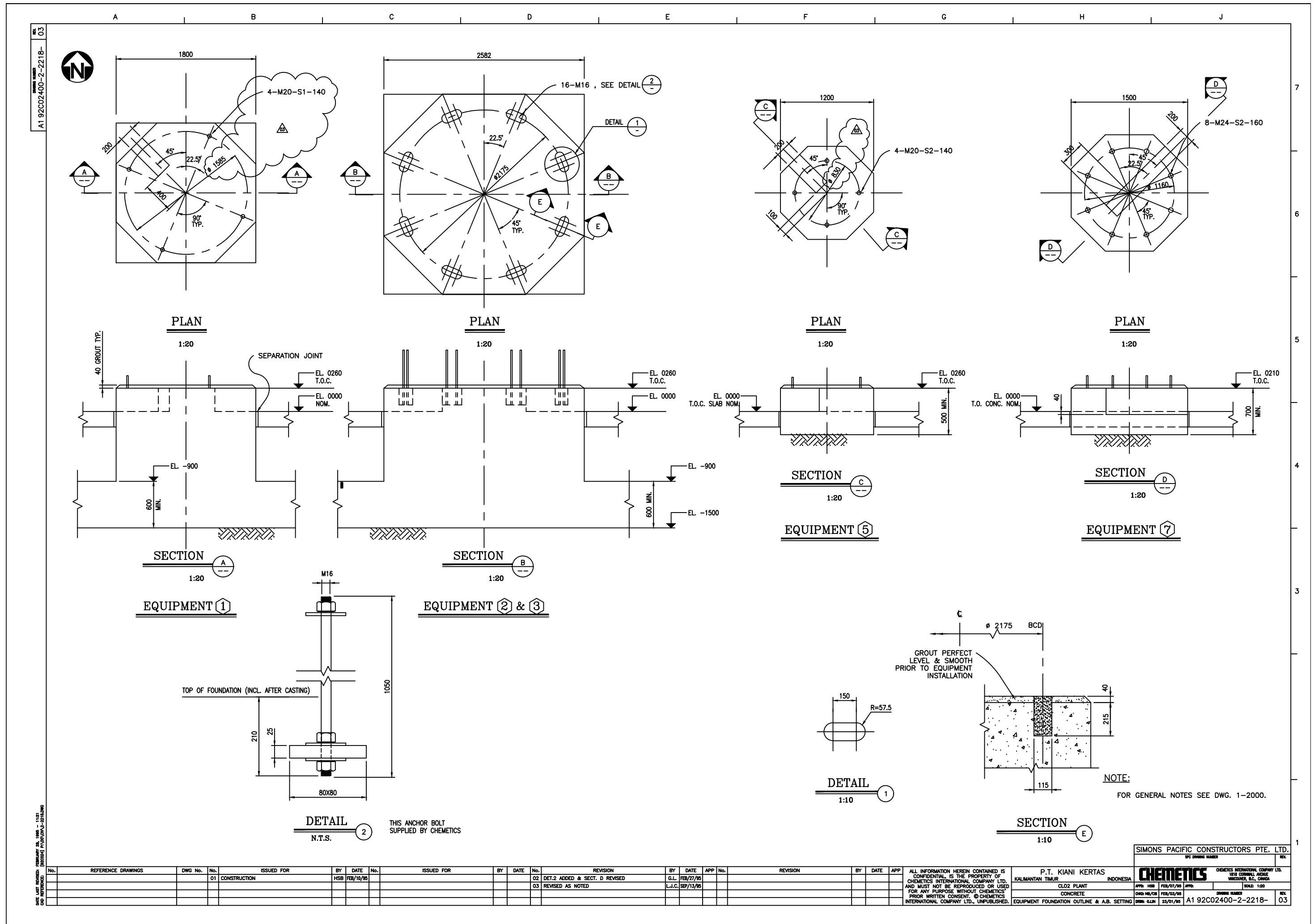
FOR GENERAL NOTES SEE DWG. 1-2000.

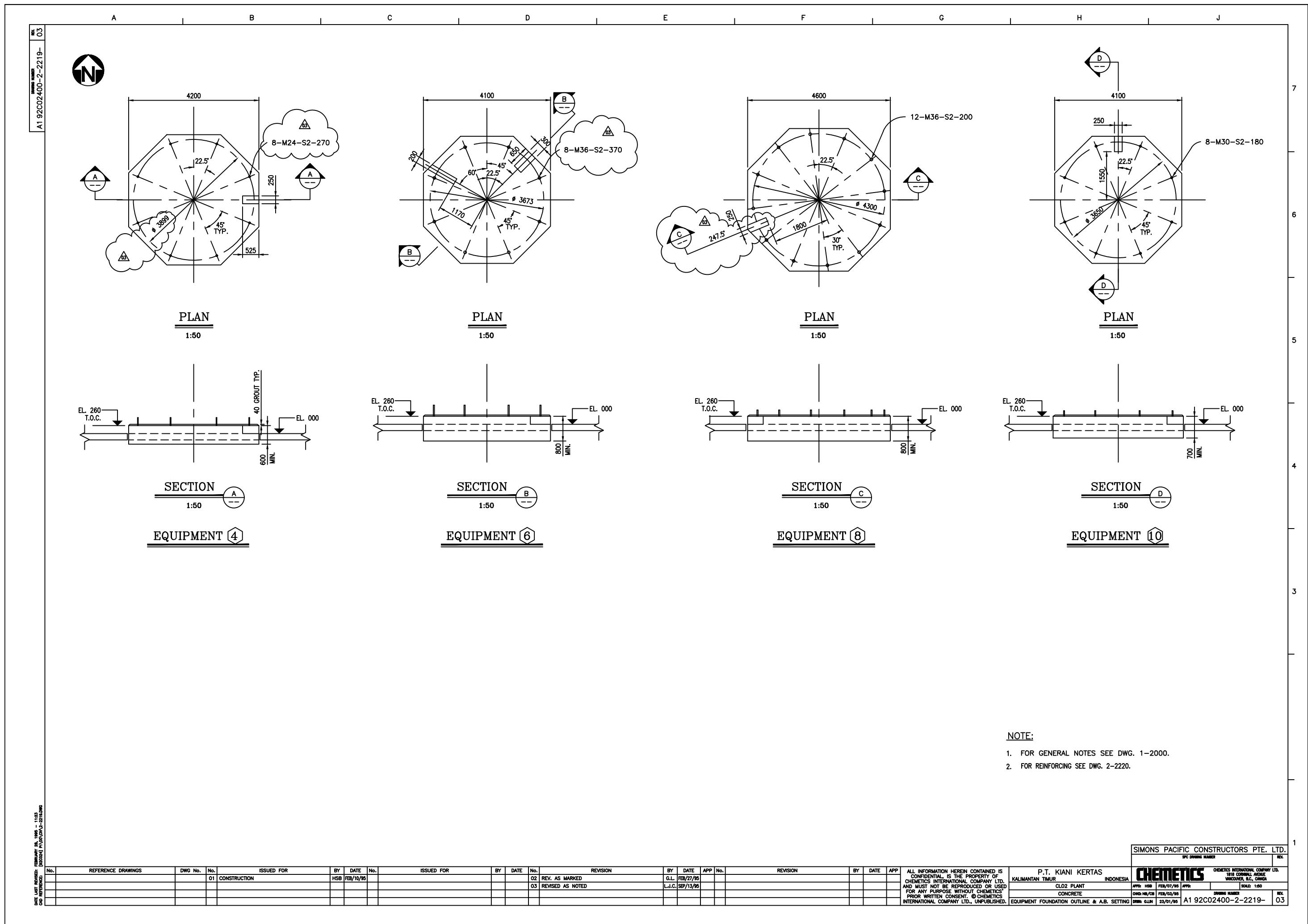
GENERAL NOTES SEE DWG. 1-2214																			
DATE LAST RECORDED APRIL 16 1995 - 10:27 (EST) P1000 CH-2214/1405																			
REF ID: A1 92C02400-2-2214-02																			
SIMONS PACIFIC CONSTRUCTORS PTE. LTD.															SPEC DRAWING NUMBER REV. DWG. 1-2214/1405				
CHEMTECTICS INTERNATIONAL COMPANY LTD. 115 CORMILL AVENUE VANCOUVER, B.C., CANADA																			
No.	REFERENCE DRAWINGS	DWG No.	No.	ISSUED FOR	BY	DATE	No.	ISSUED FOR	BY	DATE	No.	REVISION	BY	DATE	APP No.	P.T. KIANI KERTAS KALIMANTAN TIMUR INDONESIA	ALL INFORMATION HEREIN CONTAINED IS CONFIDENTIAL AND THE PROPERTY OF CHEMTECTICS INTERNATIONAL COMPANY LTD. AND MUST NOT BE REPRODUCED OR USED FOR ANY PURPOSE WITHOUT CHEMTECTICS' PRIOR WRITTEN CONSENT. © CHEMTECTICS INTERNATIONAL COMPANY LTD., UNPUBLISHED.	CHEMTECTICS	CHEMTECTICS INTERNATIONAL COMPANY LTD. 115 CORMILL AVENUE VANCOUVER, B.C., CANADA
		01		CONSTRUCTION	H.S.B	FEB/10/95			02	REBAR SIZE CONVERTED	G.L.	FEB/27/95	H.S.B			CL02 PLANT APP: HSB FEB/07/95 CONCRETE APP: HSB/CB FEB/03/95	SOLE 1 : 20	DRAWING NUMBER REV. DWG. 1-2214/1405	
															FOUNDATION SECTIONS AND DETAILS SH. #9 DRAWN: DC JAN/23/95	A1 92C02400-2-2214-02			

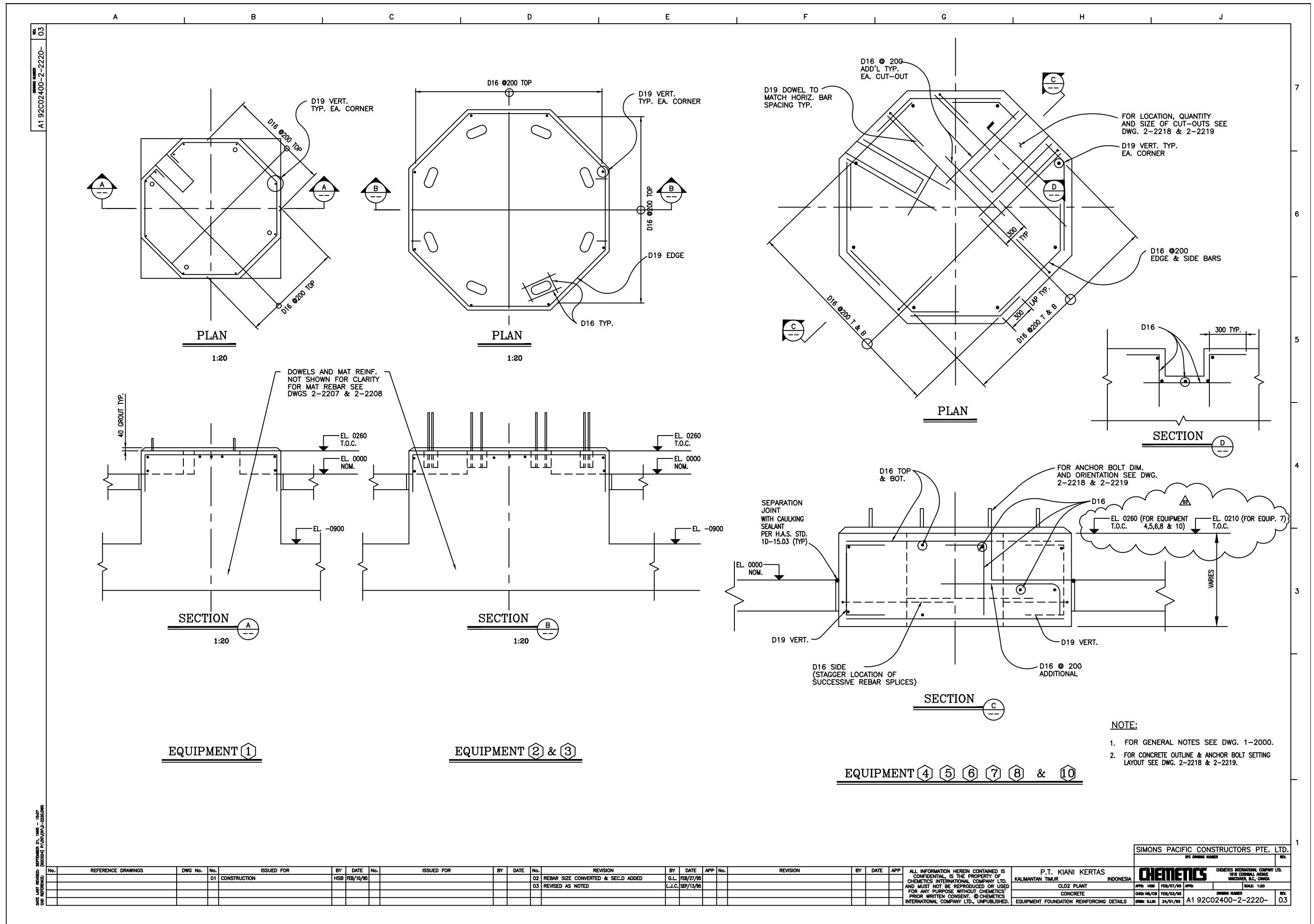


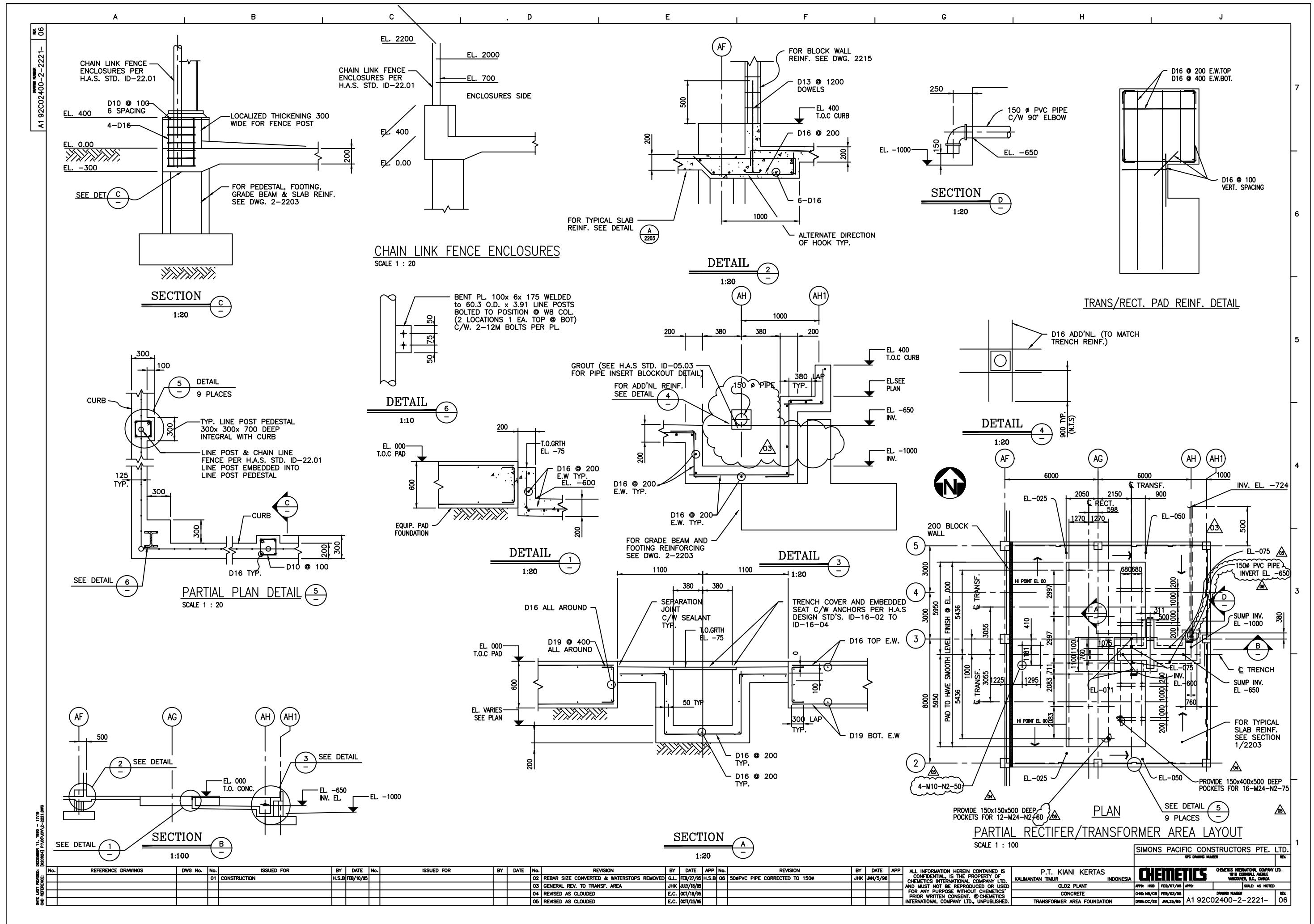


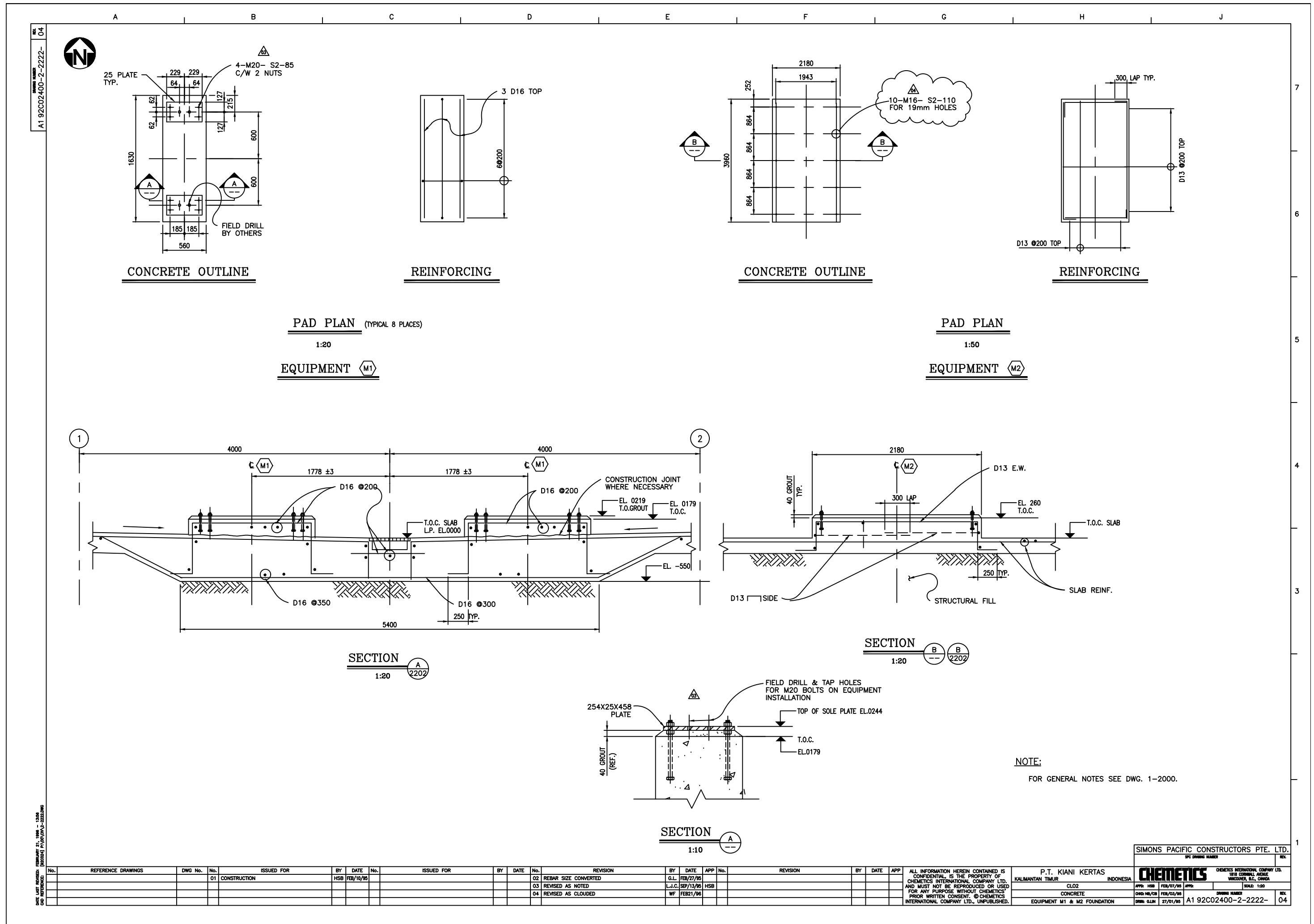


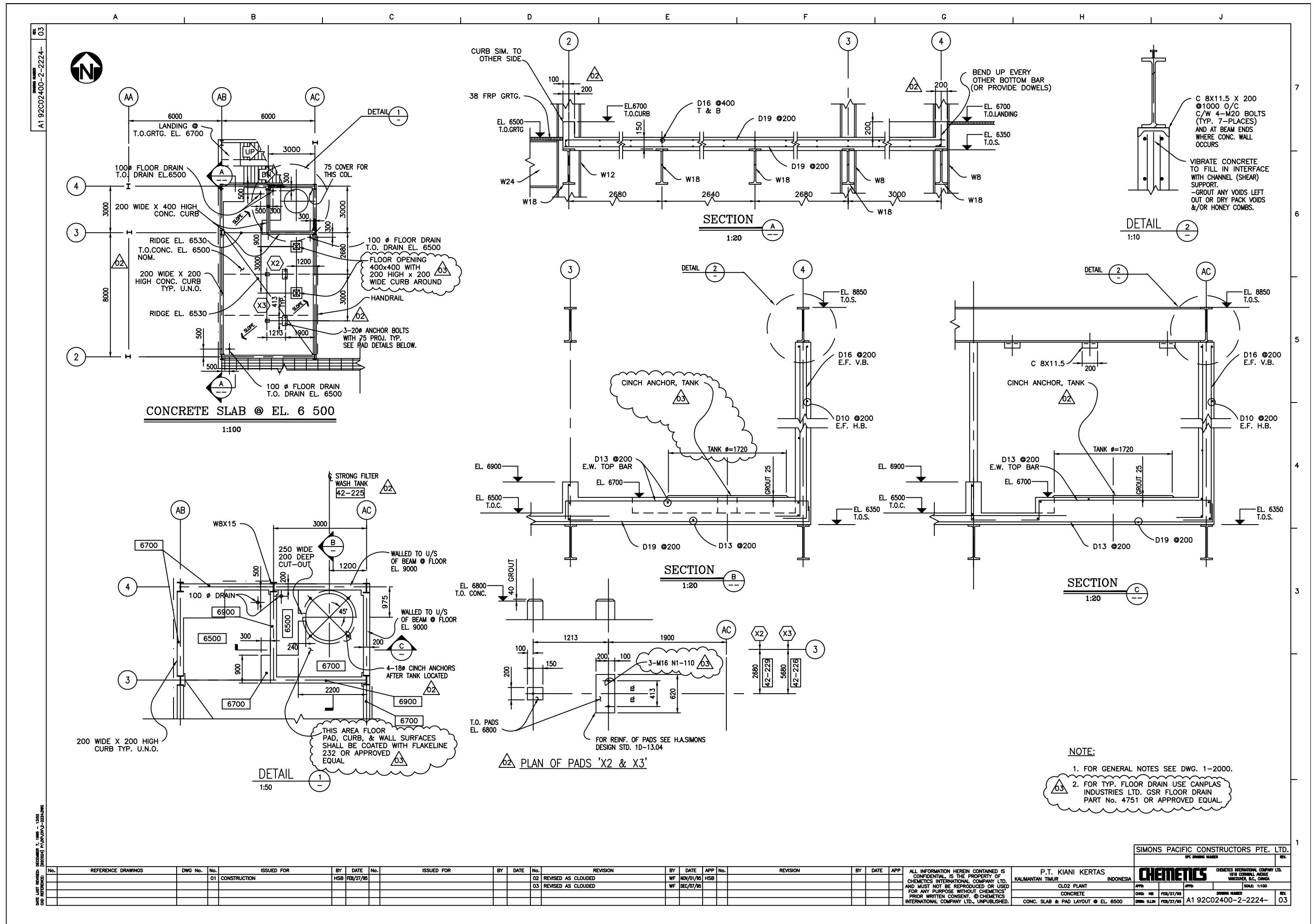


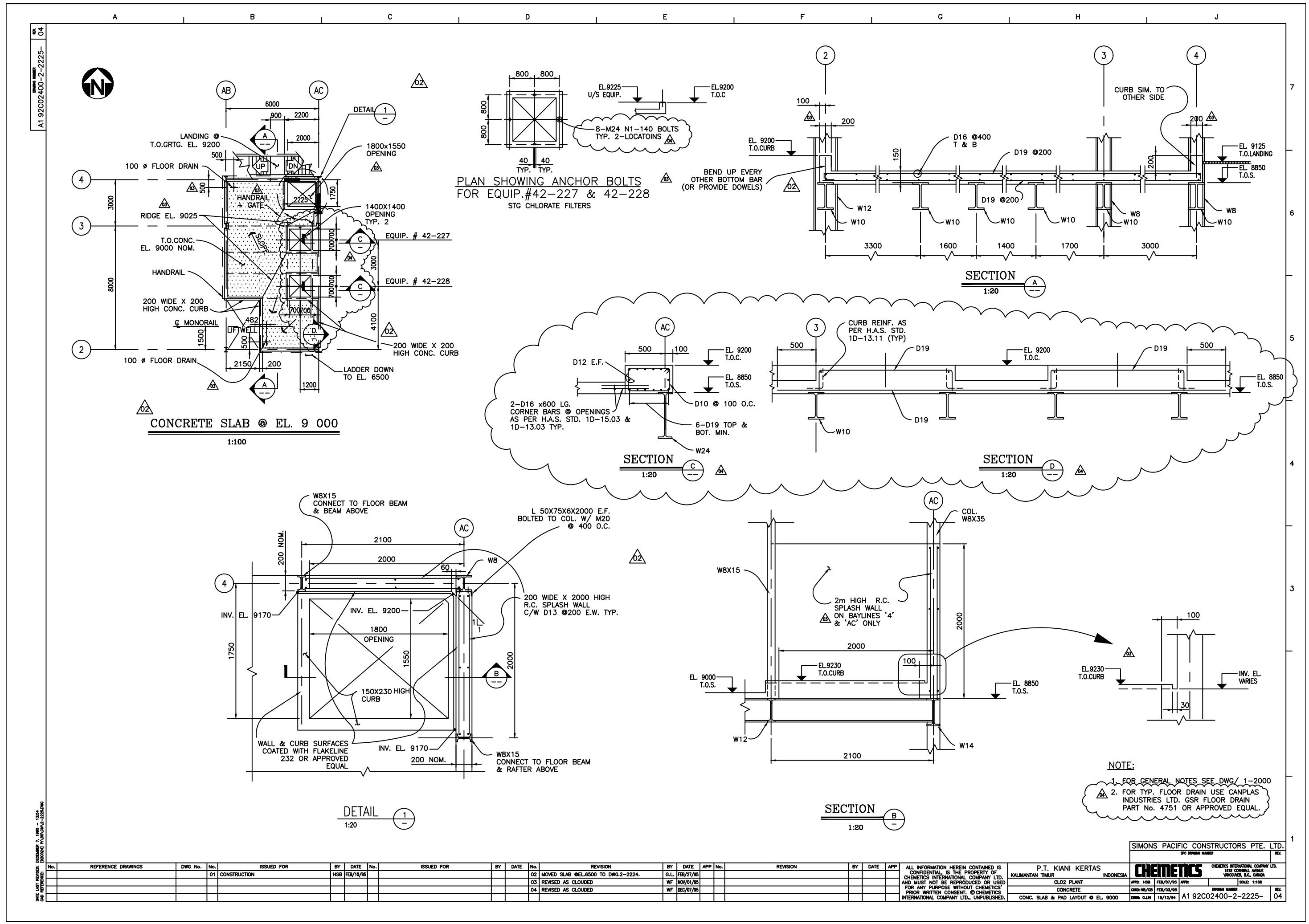


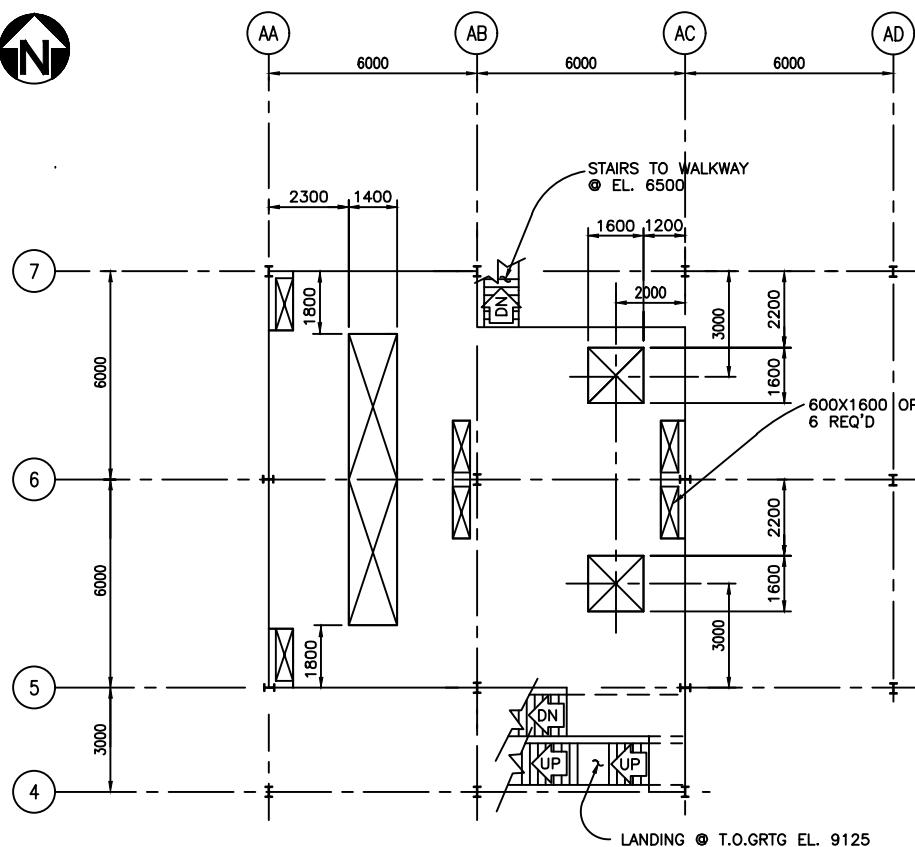




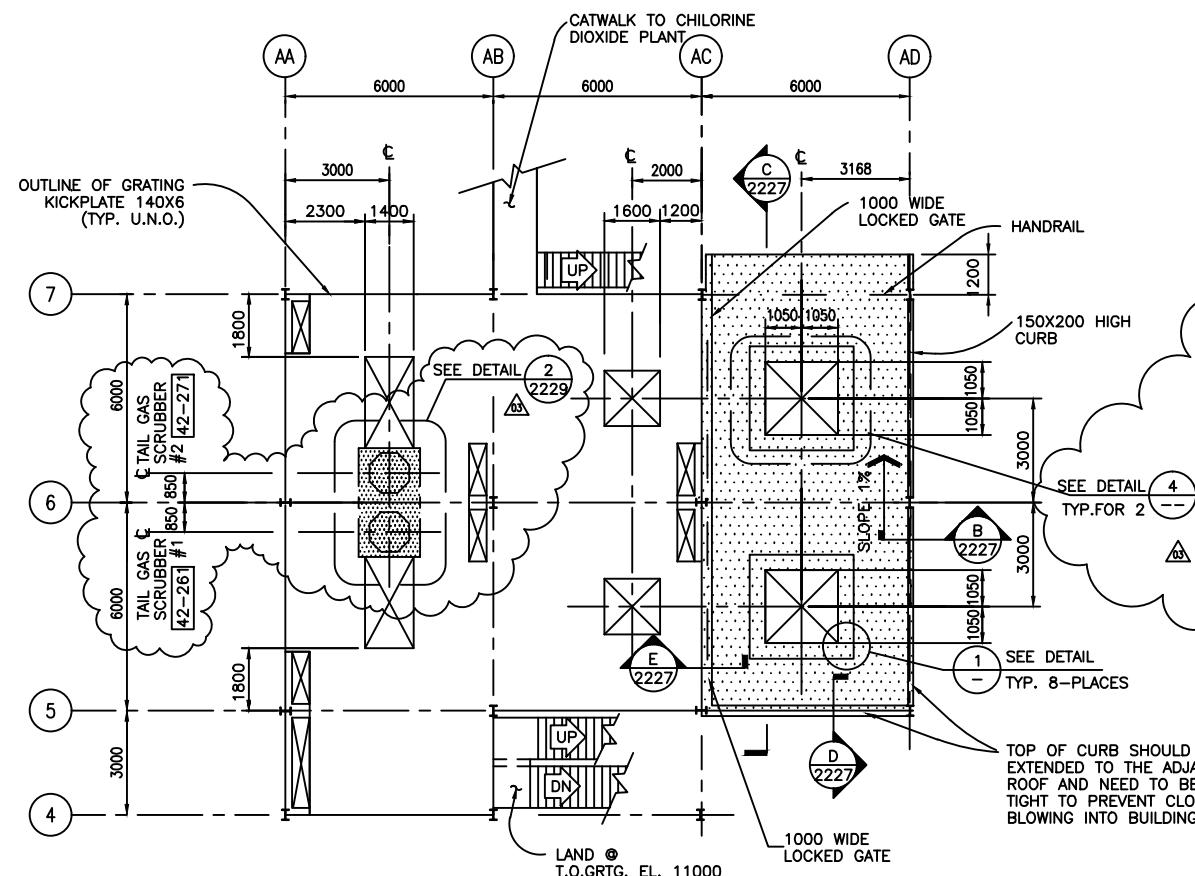




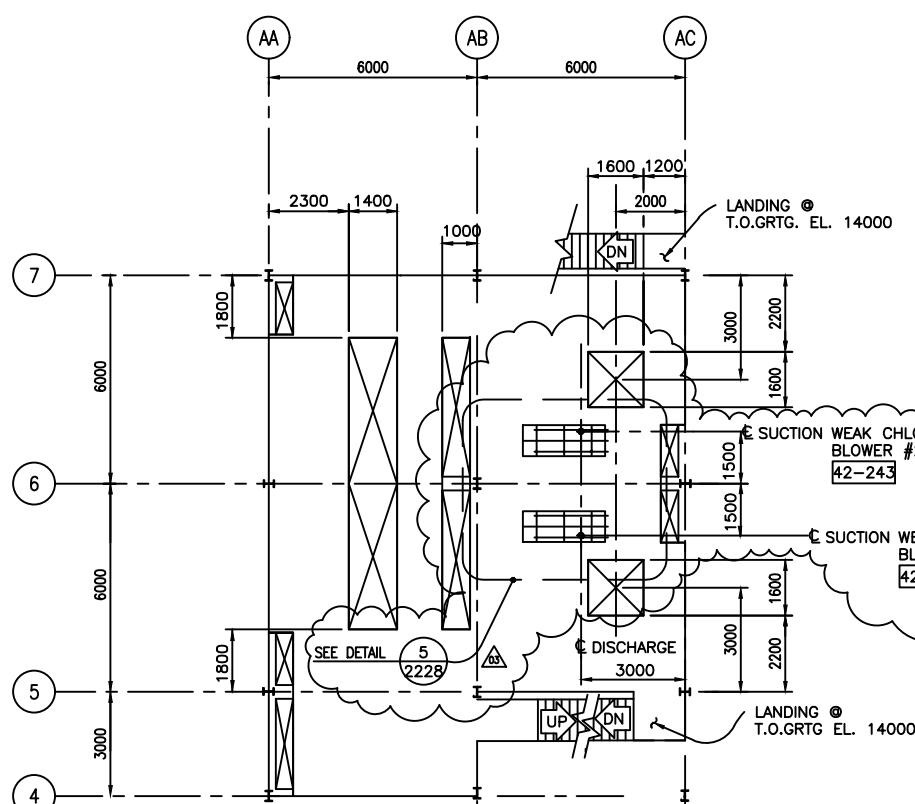




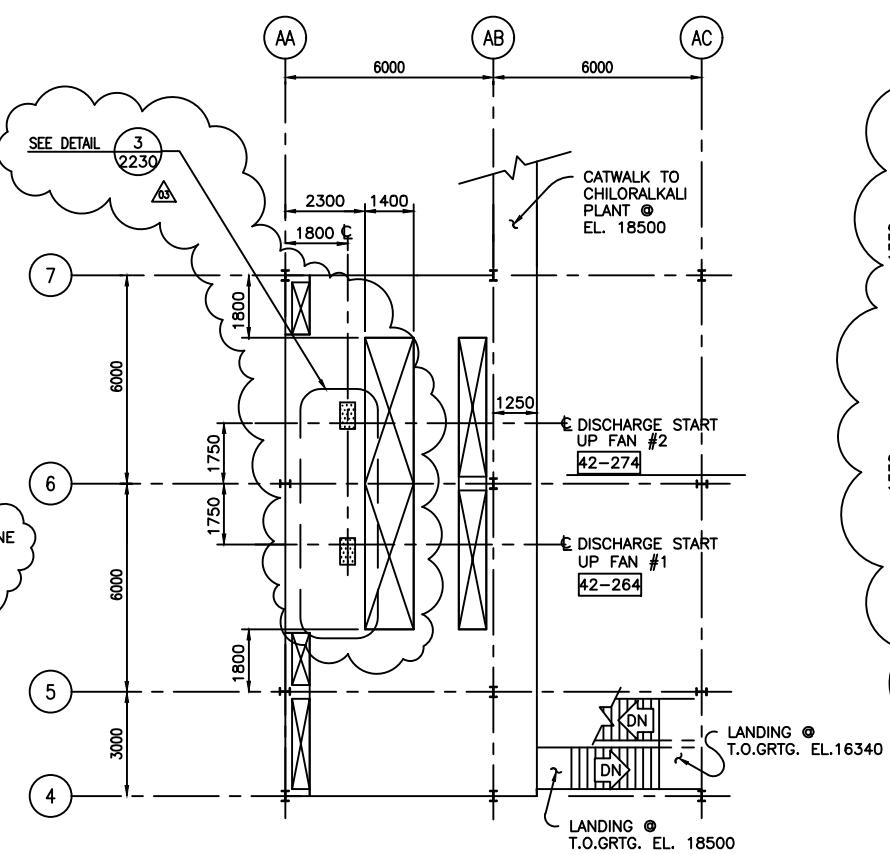
PLAN - PAD LAYOUT @ EL. 8 000



PLAN - PAD LAYOUT @ EL. 11 000

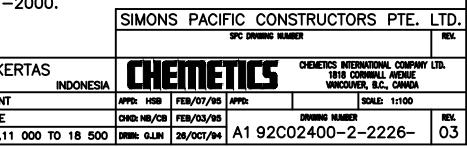


PLAN - PAD LAYOUT @ EL. 14 000



**PLAN - PAD LAYOUT @ EL. 18 500**

FOR GENERAL NOTES SEE DWG. 1-2000.



DRAWING NUMBER : A1 92C02400-2-2227-  
REV. : 01

DRAWING NUMBER  
A1 92C02400-2-2227-

EXTEND CONC. CURB  
TO ROOF AND SEAL TO  
MAKE AIR TIGHT AT B.L.  
5 & AD  
FOR DETAIL  
SEE SECTION D

FOR ADDITIONAL REINF.  
AT OPENINGS SEE  
H.A.S STD ID-13.03

EL. 10 870  
T.O.C.

EL. 11 000  
T.O.C.

150

6000

6000

1200

D13 @ 200  
TOP & BOT.

1%

D16 @ 200 O/C  
TOP & BOT.

EL. 10 850  
T.O.S.

1700 2450 2100 2100 2450 1700

SECTION C  
1:20 2226

SEE DETAIL  
2 - TYP.

**SECTION A**

AD

2-D13

50 100 200

D13 @200 O/C

EL. 11000 T.O.C.

EL. 10850 T.O.S.

300

PROVIDE FLASHING TO MTL. RFG.

SEALANT & CAULKING PER H.A.S. STD. 1D-15.03

**SECTION B**

5

300 150

CURB

EL. 11 53

CURB TO MATCH METAL ROOF EAVE

D13 @200 E.W.

150

1%

300 TYP.

EL. 11 000 T.O.C.

EL. 10 850 T.O.S.

SEE SLAB REINF.

**SECTION C**

SECTION D

1:20 2226

1:20 2226

**SECTION**

AC

1 - DETAIL

EL. 11 200

300

EL. VAR.  
(SLOPE 1% DN. NORTH)  
EL. 11000 TO 10870  
@ NORTH TIP

300 TYP.

SEE SLAB REINF.

E 2226

1:20

10mm THK. PLATE (VAR. HEIGHT)

STEEL GRATING PER H.A.S. STD. 1D-10.02

L 75X75X10THK.

1% TYP.

2-D16

D10 @200 CURB TIES

2-D13

**DETAIL**

1 -

1:10

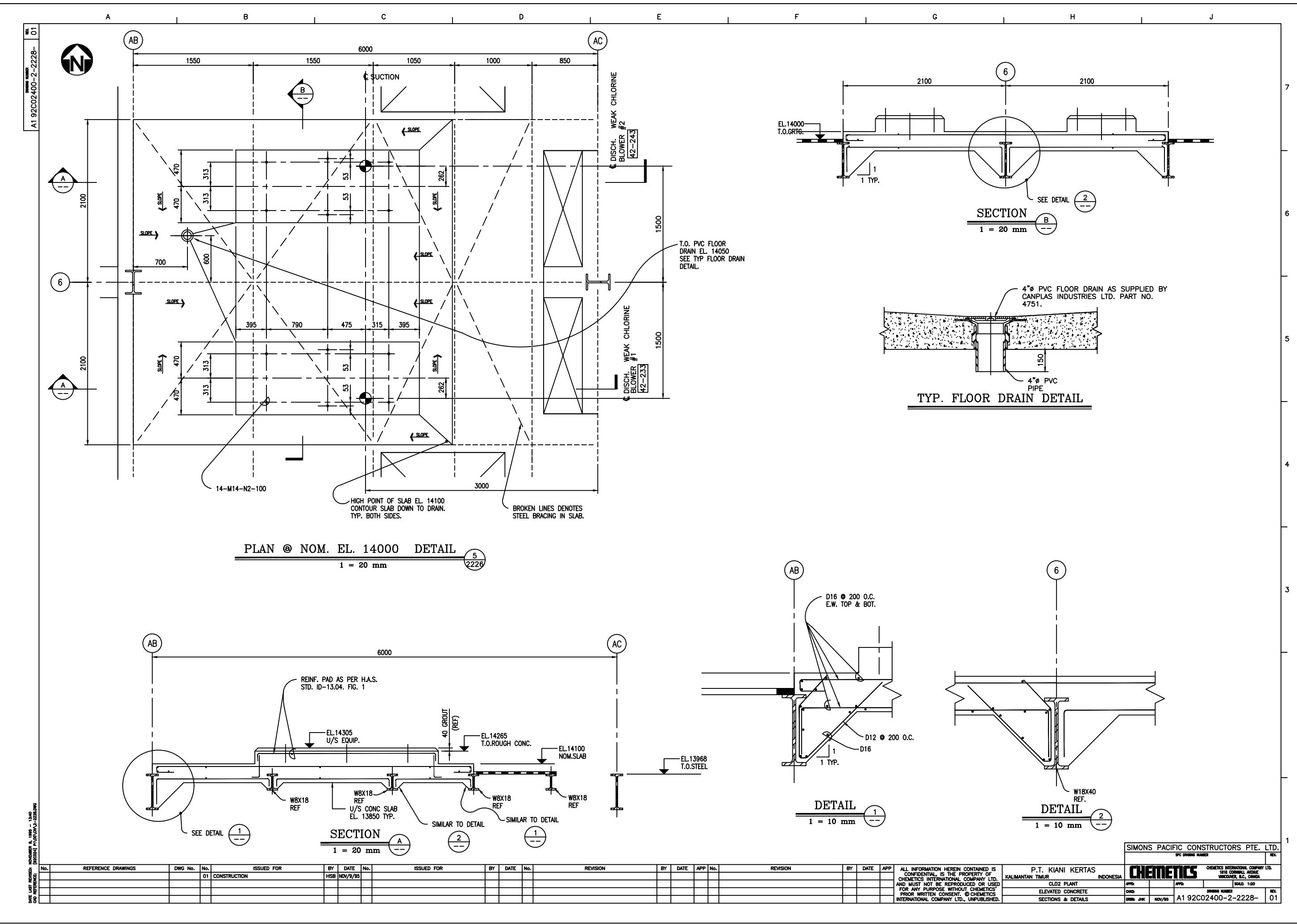
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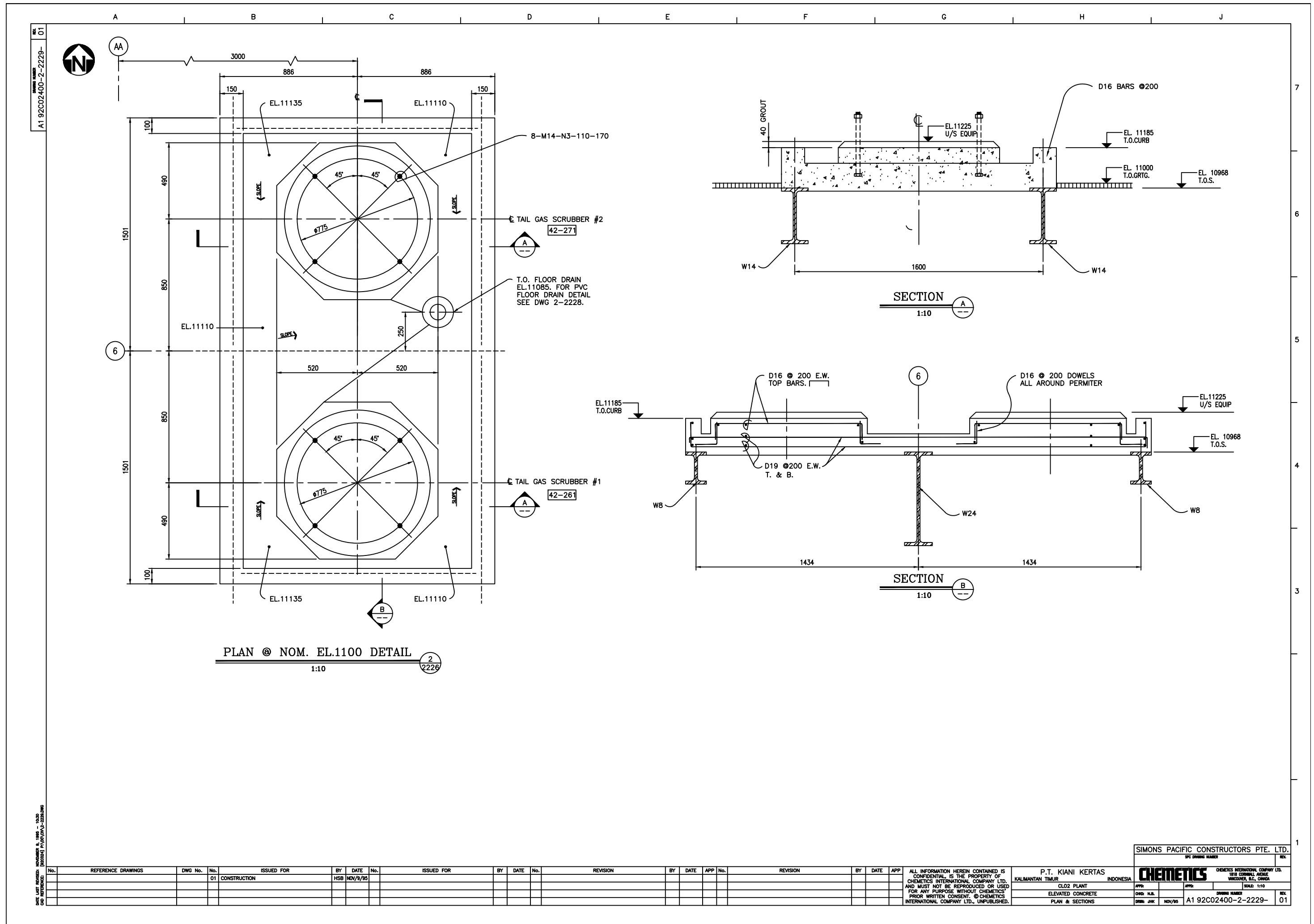
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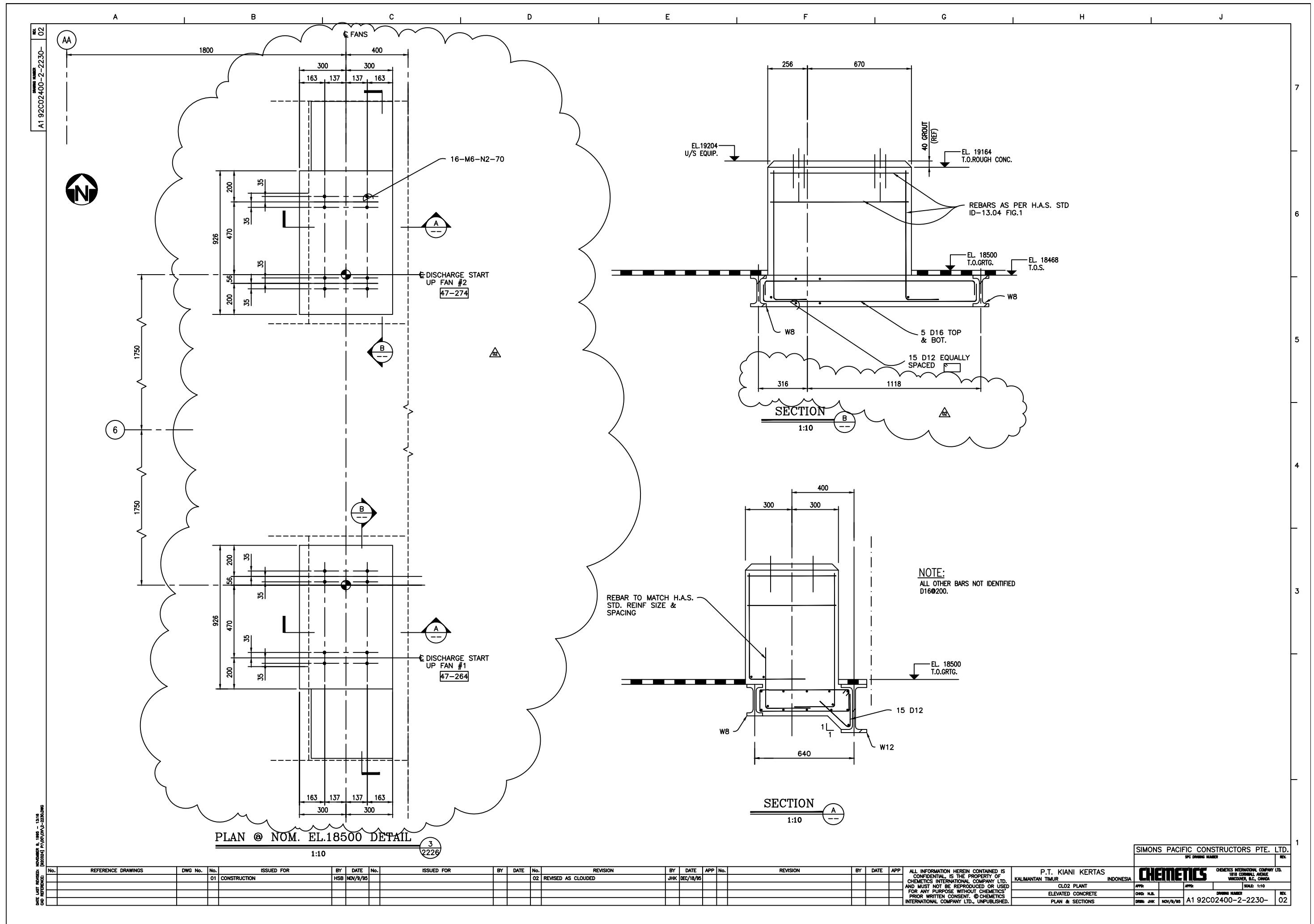
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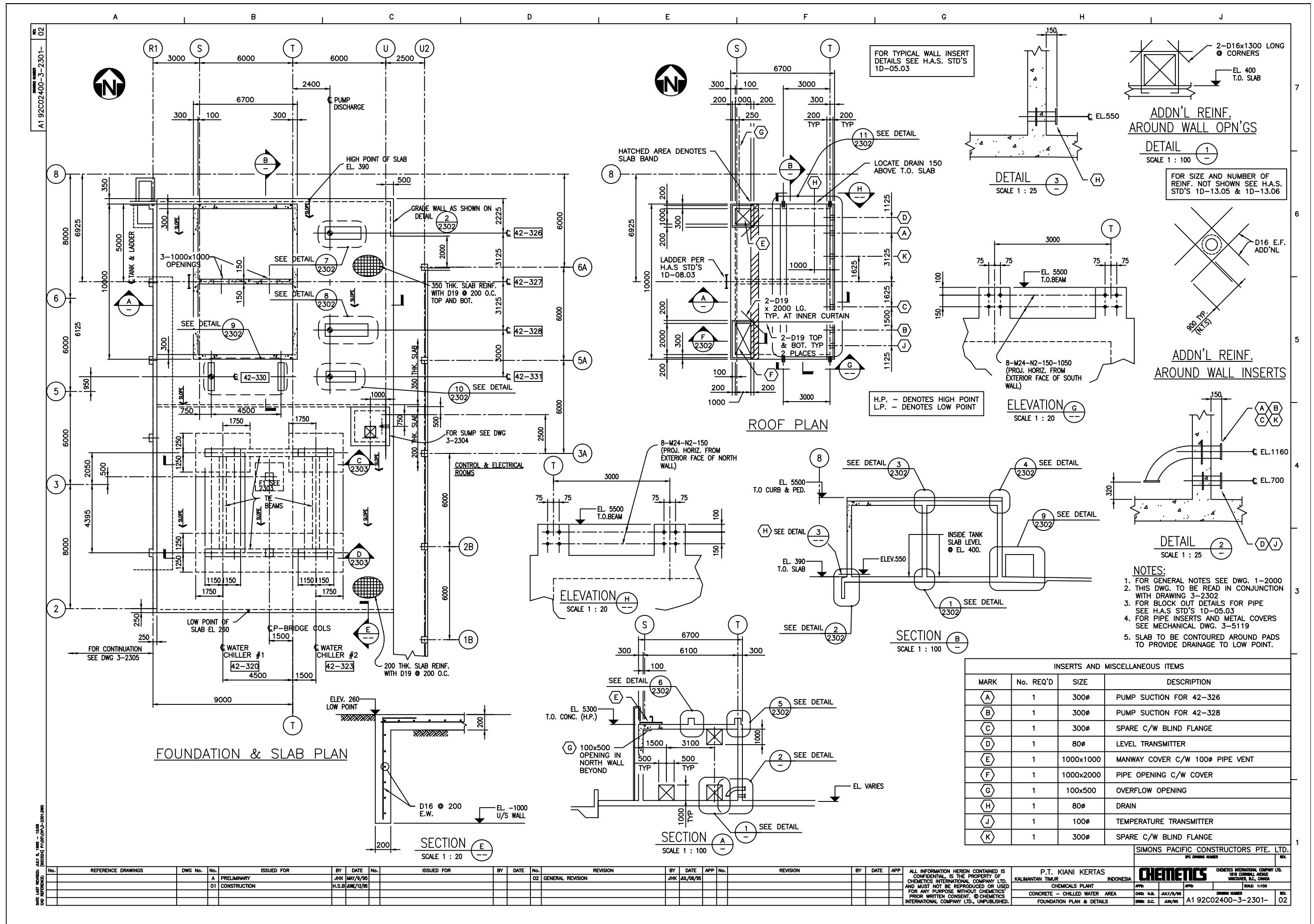
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SPC DRAWING NUMBER					
CHEMETICS					
DC	HSB	FEB/28/95	APR/1 HSB	MAR/01/95	SCALE 1:20
DR		02/02/95			DRAWING NUMBER
ME	QJW	FEB/23/95			A1 92C02400-2-2227-

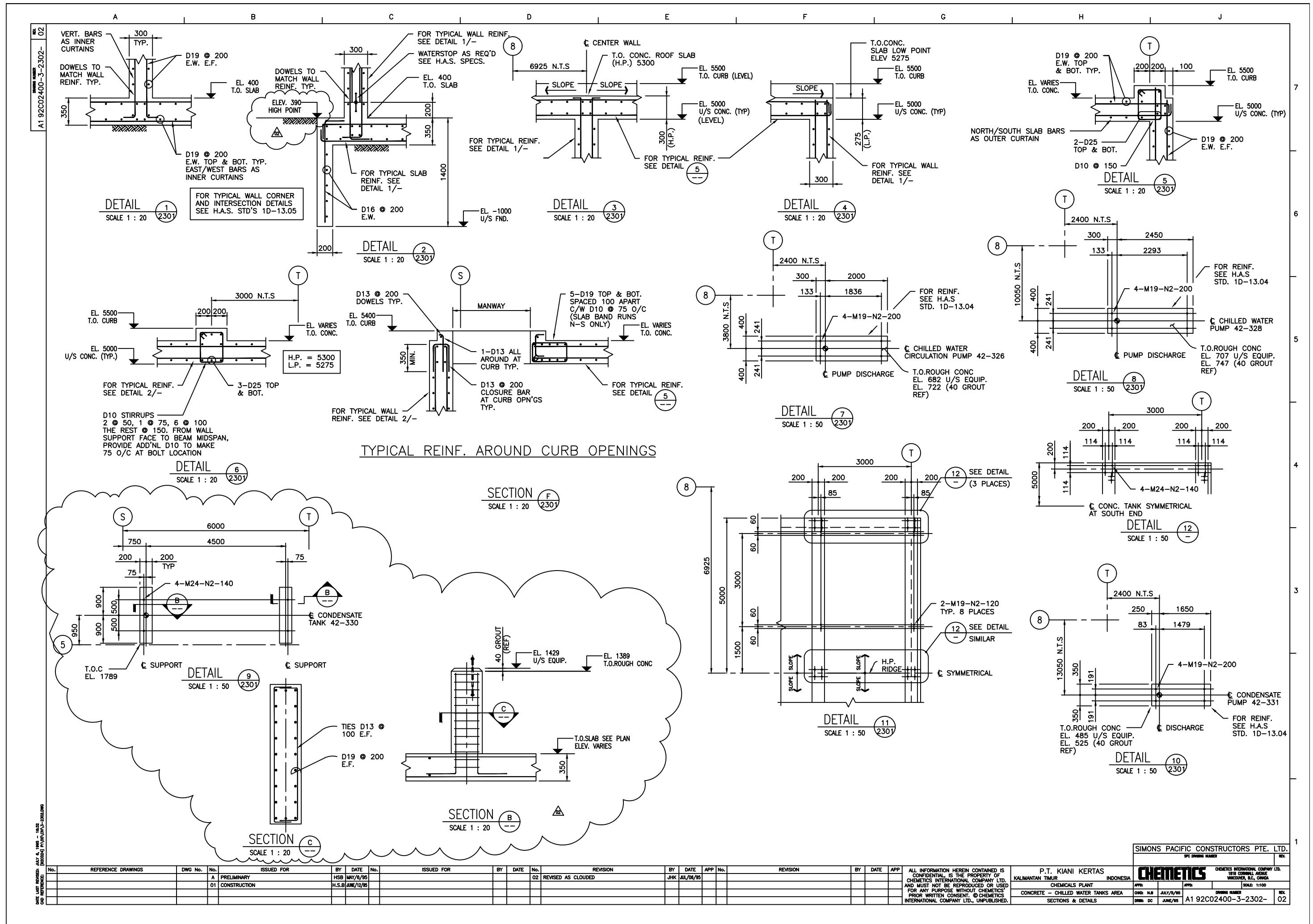


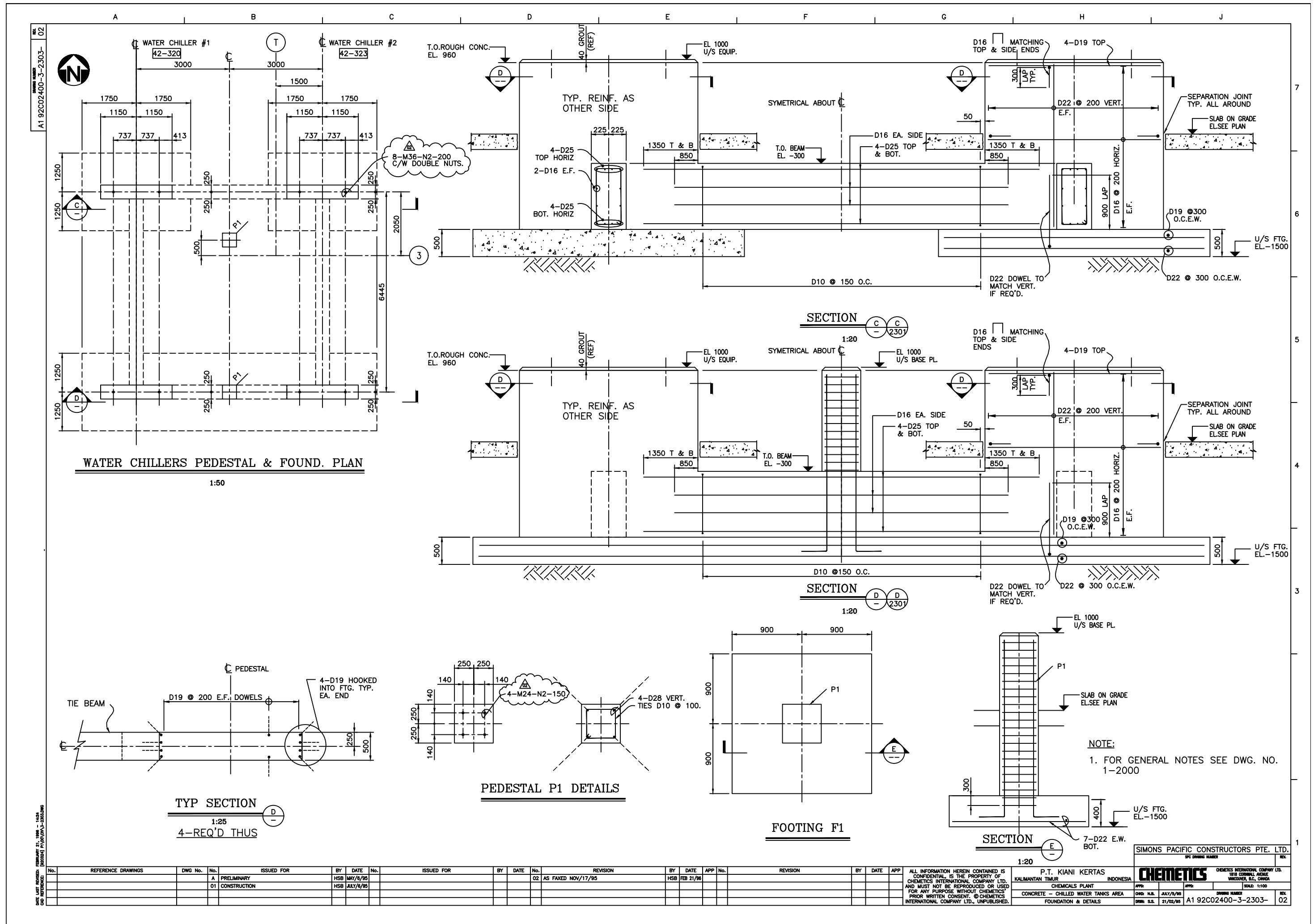












DRAWING NUMBER A1 92C02400-3-2304-02 REV.

1

N

**C/A. TRANSFORMER**

TOP OF CONC. EL. -300  
1:50

**CLO2 TRANSFORMER**

TOP OF CONC. EL. -200  
1:50

**E/R. TRANSFORMER**

TOP OF CONC. EL. +460  
1:50

**O2 TRANSFORMER**

TOP OF CONC. EL. +285  
1:50

SEE NOTE "6"

D16 DIAG. TYP. CORNER BARS PER H.A.S. ID-15.03

SEE NOTE "6"

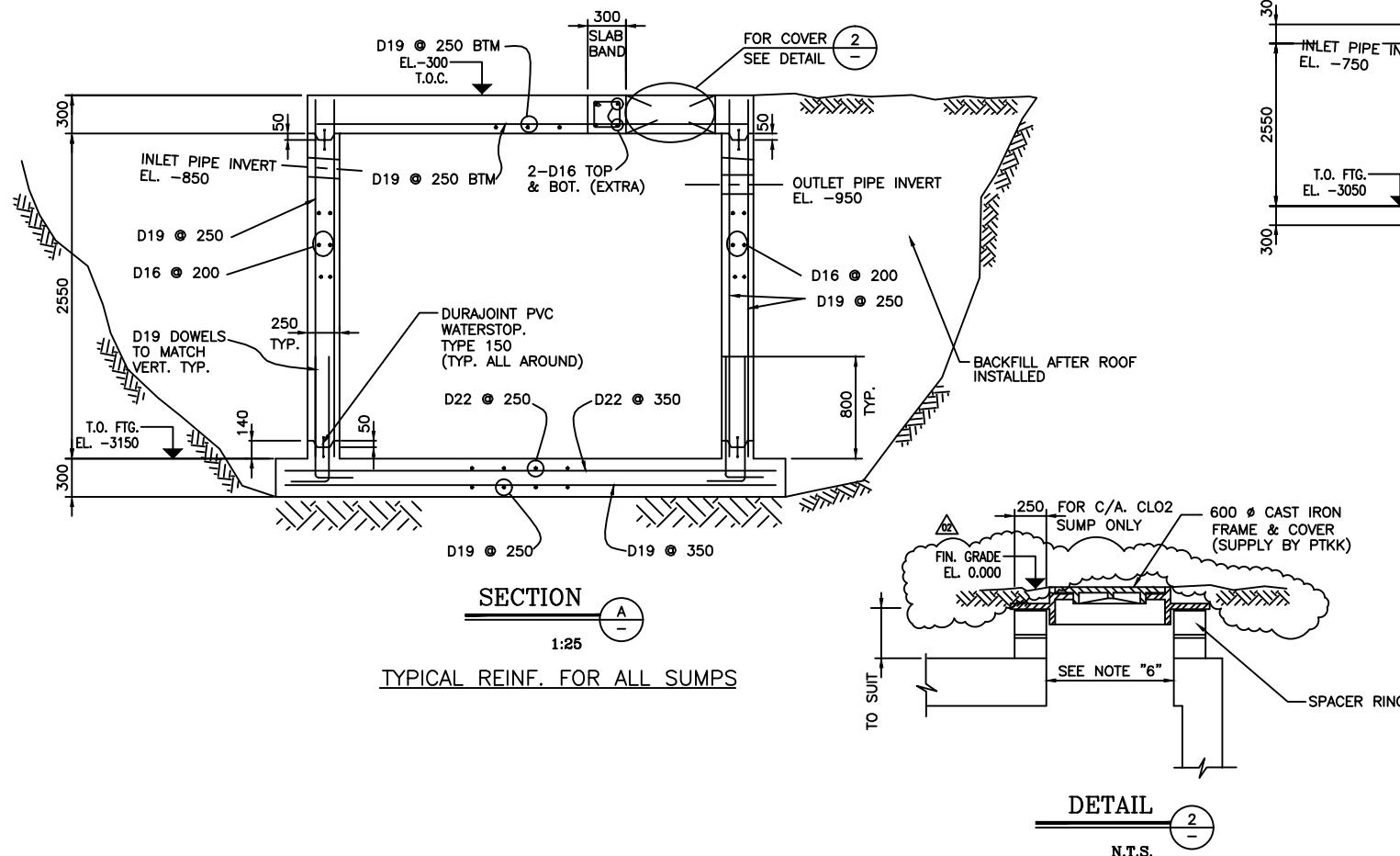
FOR TYP. REINF. SEE C/A. TRANS. PLAN & SECT.

FOR TYP. REINF. SEE C/A. TRANS. PLAN & SECT.

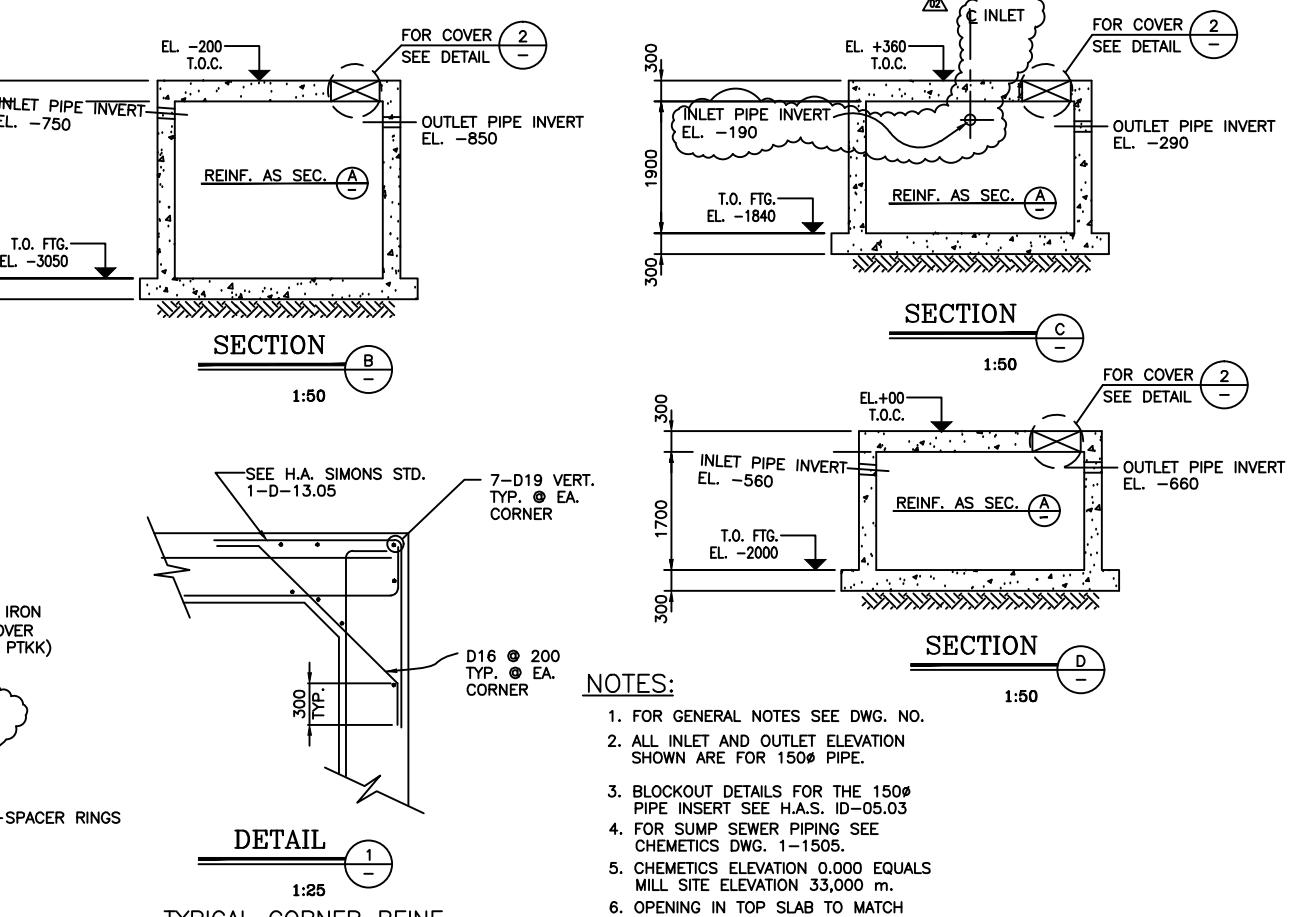
SEE NOTE "6"

## 1.30

# OIL SPILL CONTAINMENT SUMP PLANS



### TYPICAL REINF. FOR ALL SUMPS

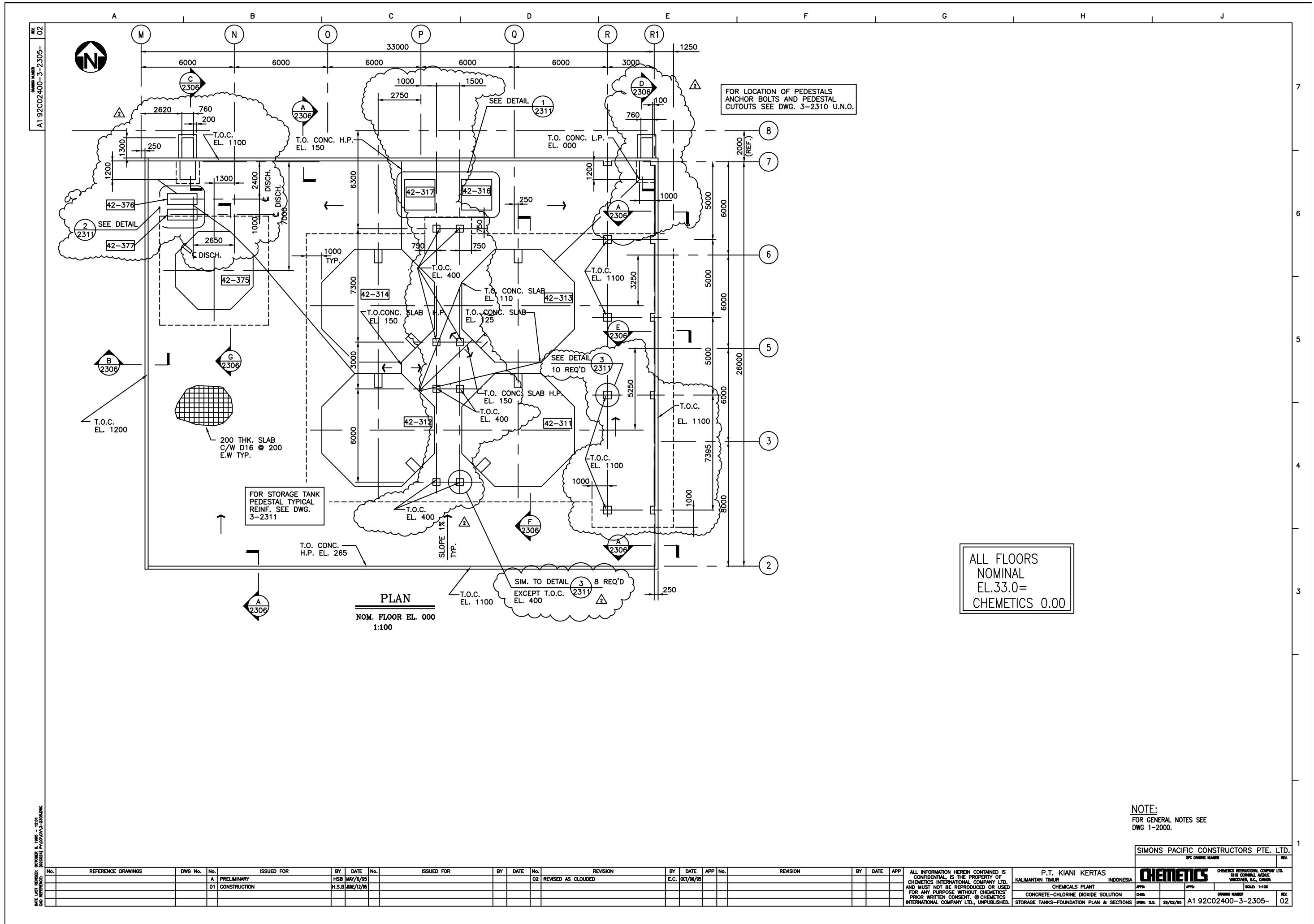


TYPICAL CORNER REINF.  
FOR ALL SUMPS

1. FOR GENERAL NOTES SEE DWG. NO.
  2. ALL INLET AND OUTLET ELEVATION SHOWN ARE FOR 150 $\phi$  PIPE.
  3. BLOCKOUT DETAILS FOR THE 150 $\phi$  PIPE INSERT SEE H.A.S. ID-05.03
  4. FOR SUMP SEWER PIPING SEE CHEMETICS DWG. 1-1505.
  5. CHEMETICS ELEVATION 0.000 EQUALS MILL SITE ELEVATION 33,000 m.
  6. OPENING IN TOP SLAB TO MATCH CLIENT SUPPLIED MANHOLE COVER, COMPLETE WITH SPACER RINGS.  
[CAST IRON FRAME AND COVER TO BE SUPPLIED BY PTKK]

DATE LAST REVISED: OCTOBER 20, 1995 - 11:15  
CAD REFERENCE: [020204] B\MM\SM\T-2304.DWG

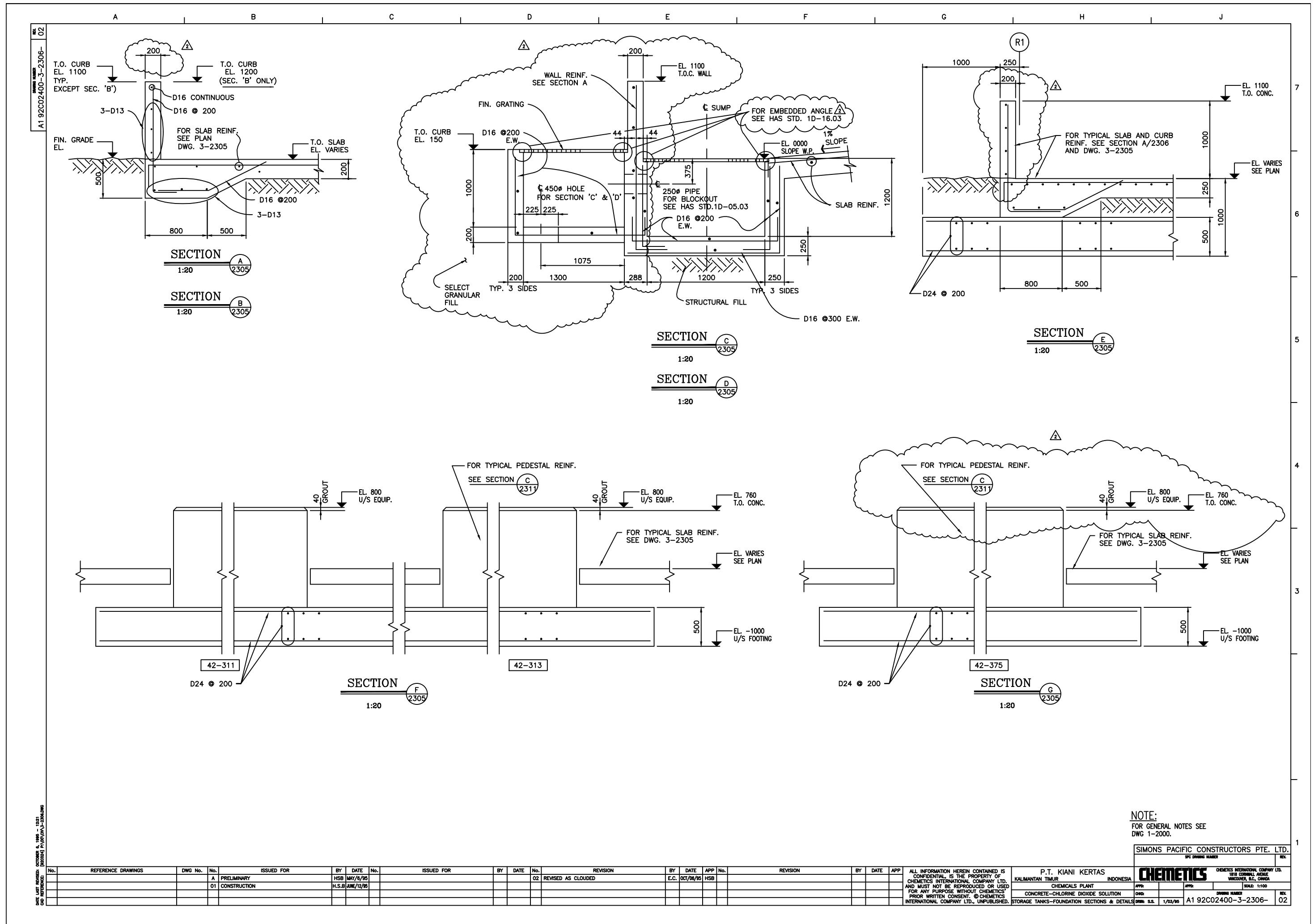
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H.S.B	OCT/20/95	HSB									OIL SPILL CONTAINMENT SUMP	CHNO:				DRIVING NUMBER		
											CONCRETE AND REINFORCEMENT	DRMC: S.S.	20/02/95			A19C02400-3-2304-	02	

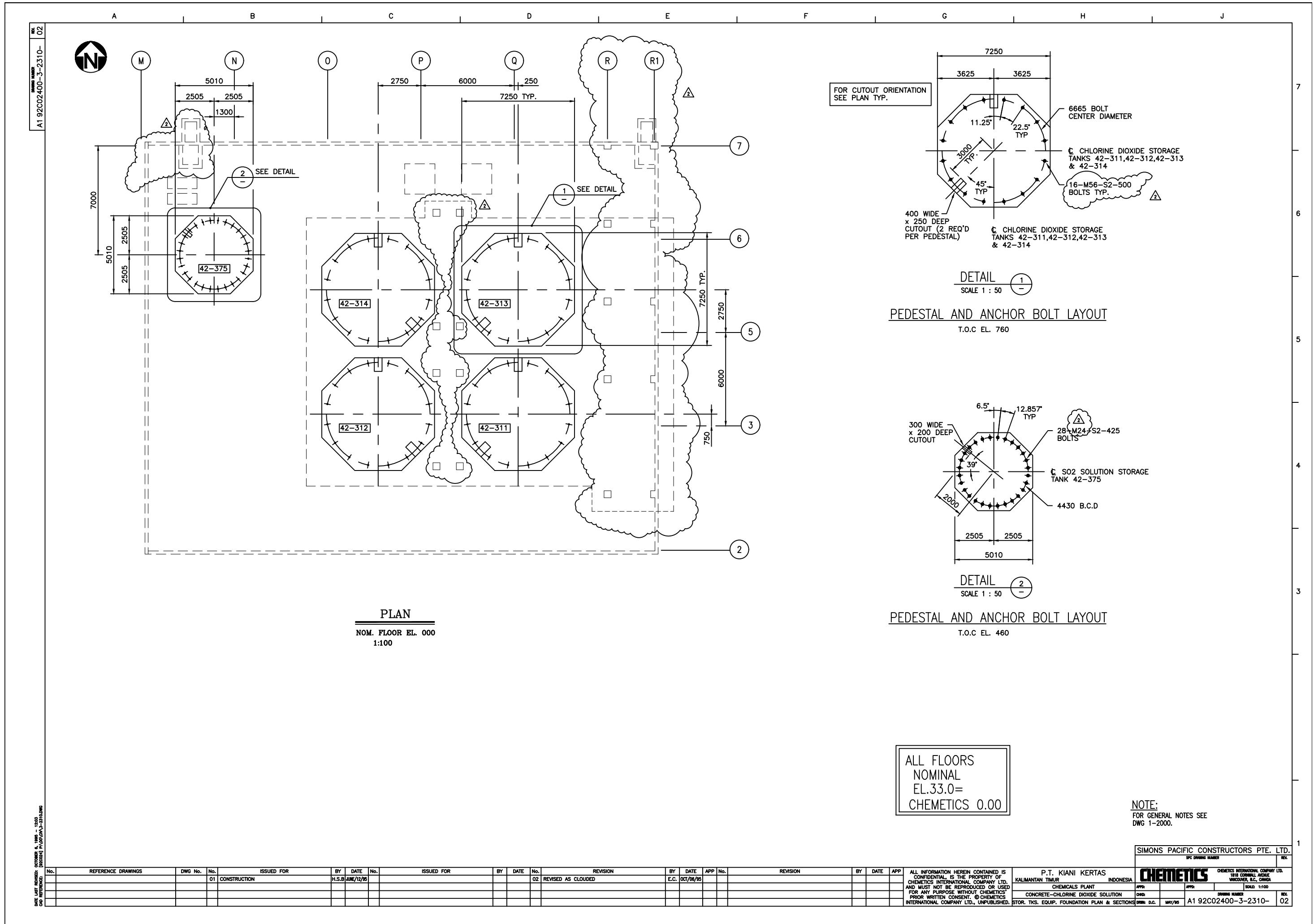


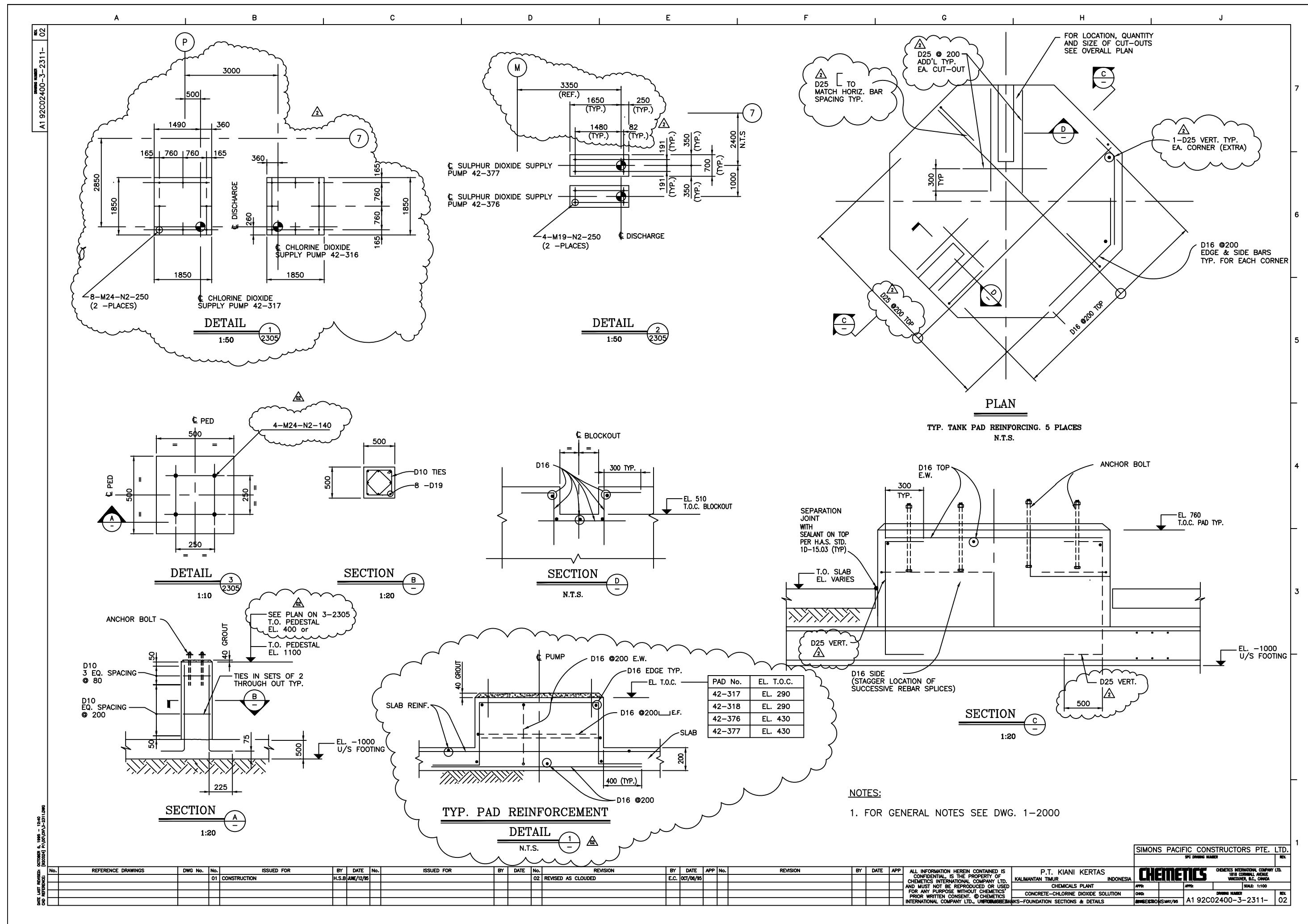
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	A	PRELIMINARY				01	CONSTRUCTION					H.S.B	MAY/6/95		H.S.B	JUNE/12/95		02	REVISED AS CLOUDED	E.C.	OCT/06/95		02	REVISED	E.C.	OCT/06/95		02	REVISED	E.C.

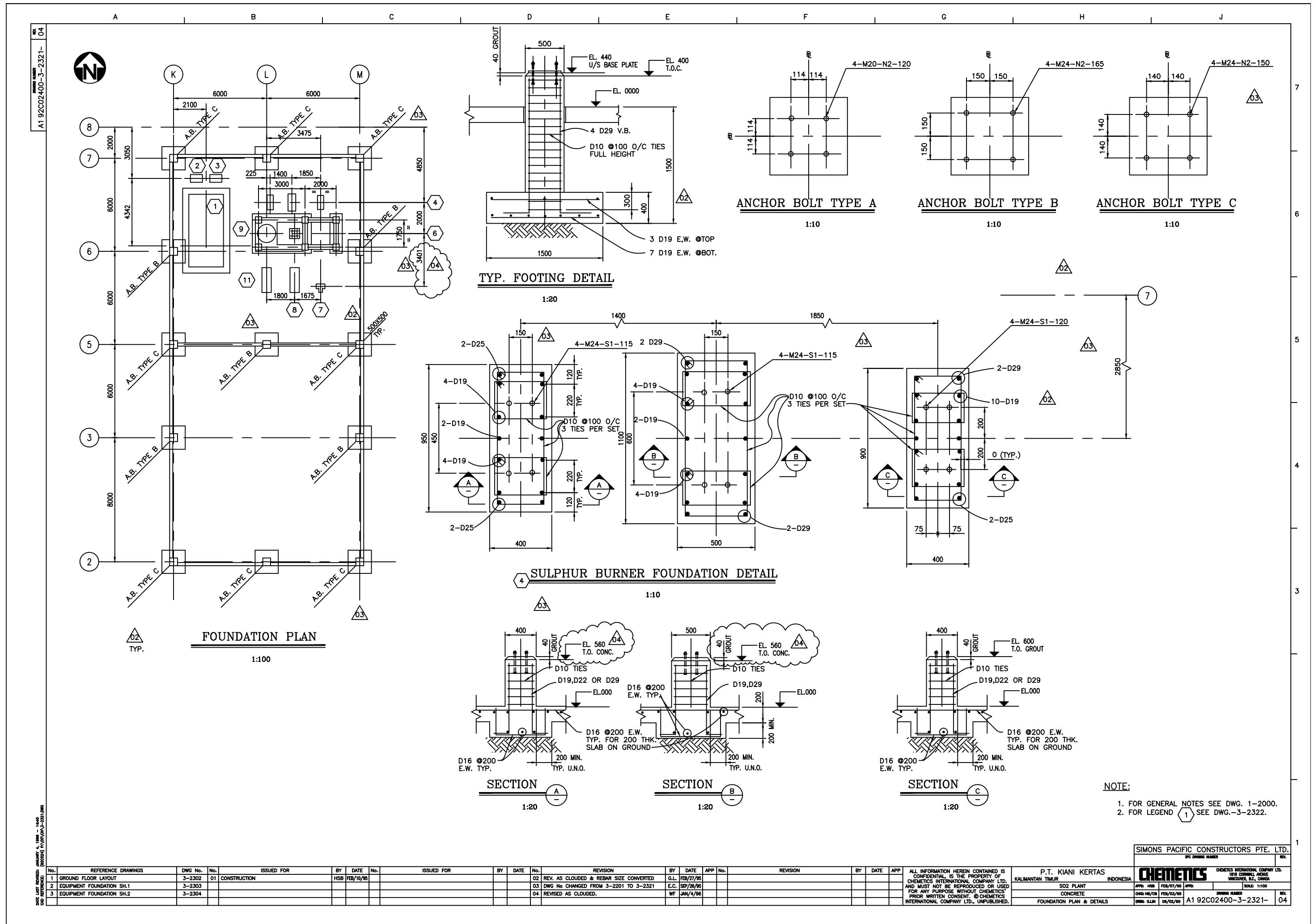
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SFC DRAWING NUMBER									
P.T. KIANI KERTAS	CHEMETICS INTERNATIONAL COMPANY LTD.	KALIMANTAN TIMUR	INDONESIA	100% OWNED AND OPERATED BY CHEMETICS INTERNATIONAL COMPANY LTD.					
CHEMICALS PLANT	VANCOUVER, B.C., CANADA			ALL INFORMATION HEREIN CONTAINED IS CONFIDENTIAL, IS THE PROPERTY OF CHEMETICS INTERNATIONAL COMPANY LTD. AND IS PROVIDED ON A STRICTLY CONFIDENTIAL BASIS. IT IS PROHIBITED FOR ANY PURPOSE WITHOUT CHEMETICS' PRIOR WRITTEN CONSENT. © CHEMETICS INTERNATIONAL COMPANY LTD., UNPUBLISHED.					
CONCRETE-CHLORINE DIOXIDE SOLUTION	CHN								
STORAGE TANKS-FOUNDATION PLAN & SECTIONS	DRW:								
	DRW: S.S.								
	28/02/95								
	A1 92C02400-3-2305-								
	02								

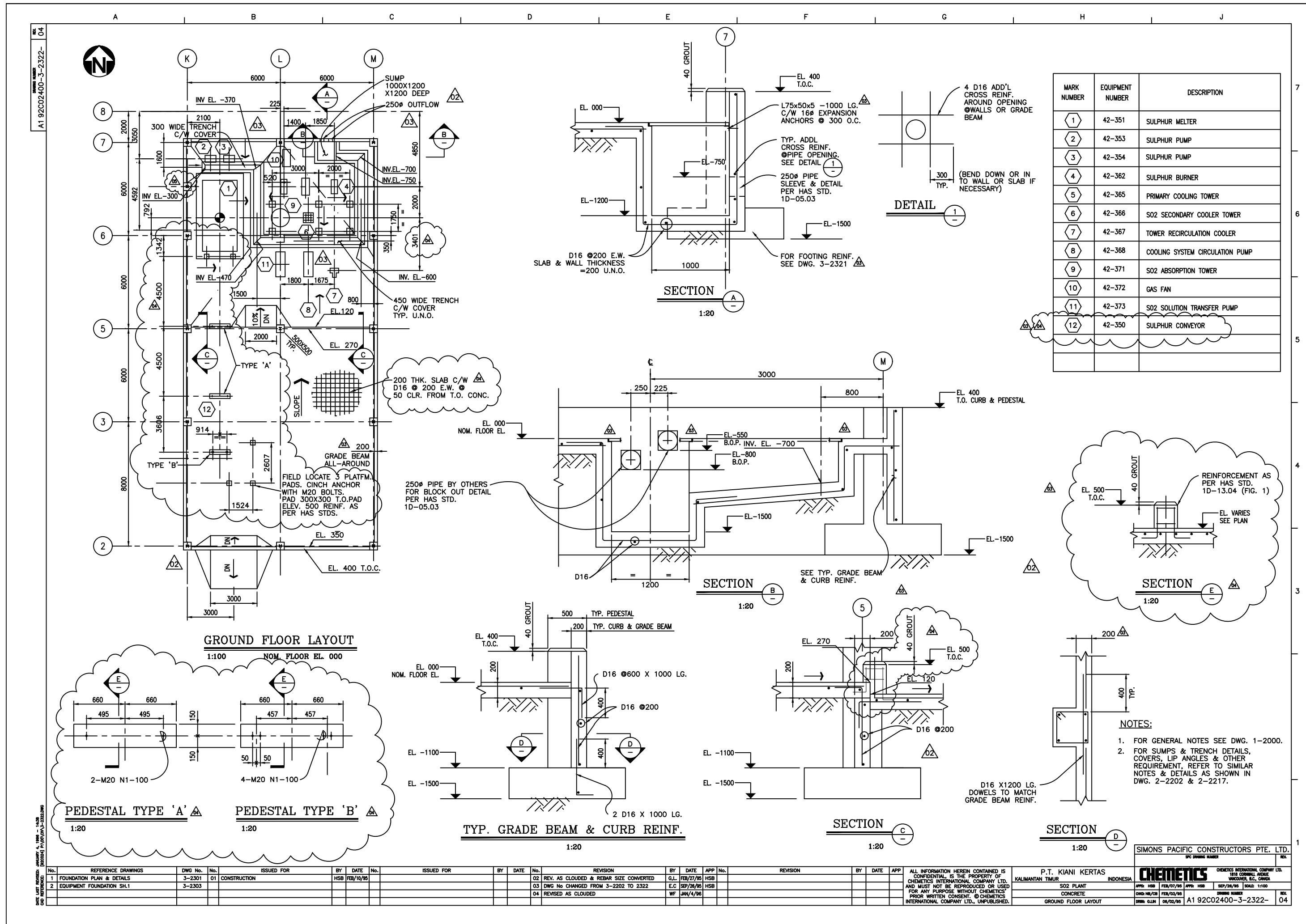
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FOR GENERAL NOTES SEE  
DWG 1-2000.

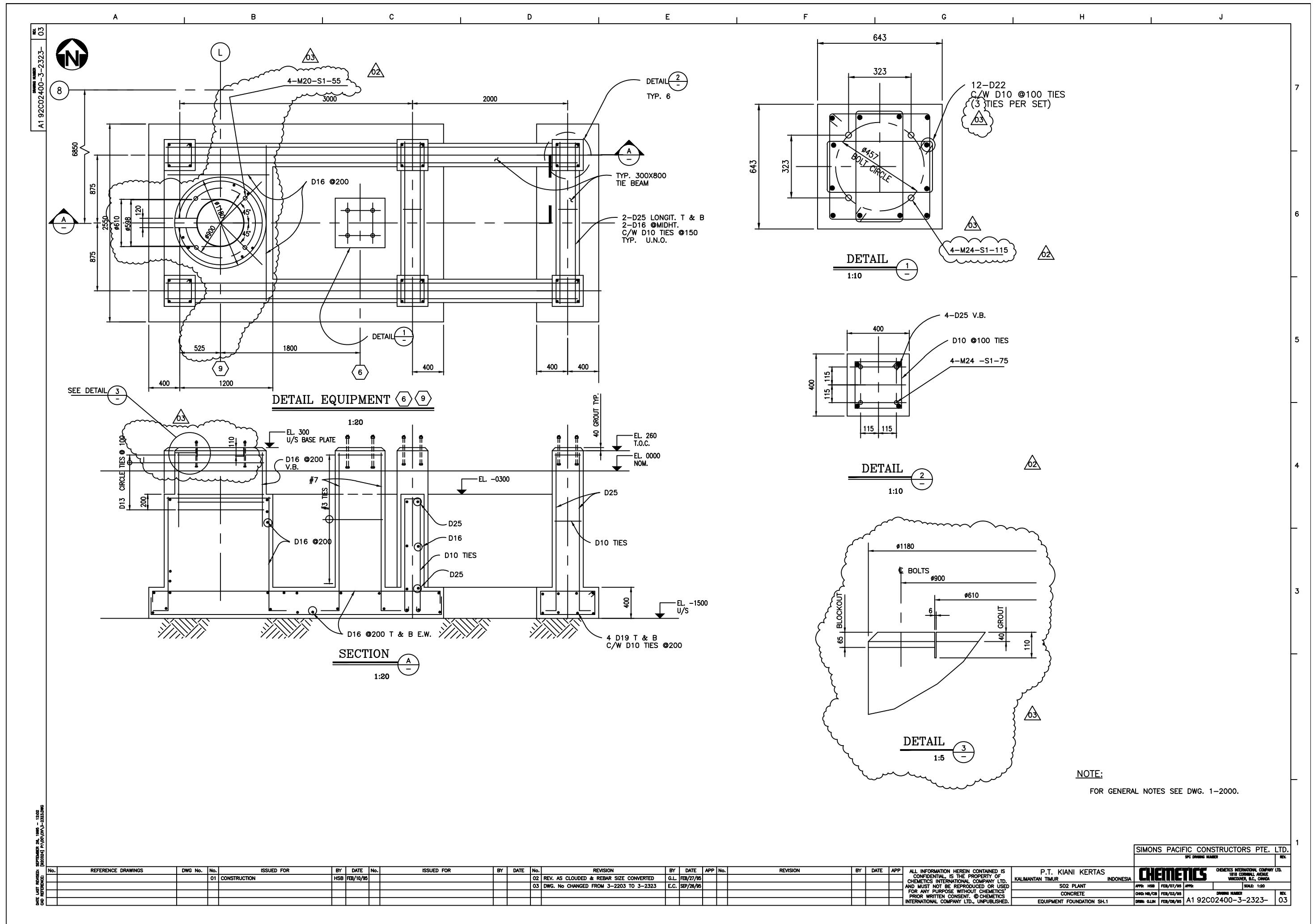


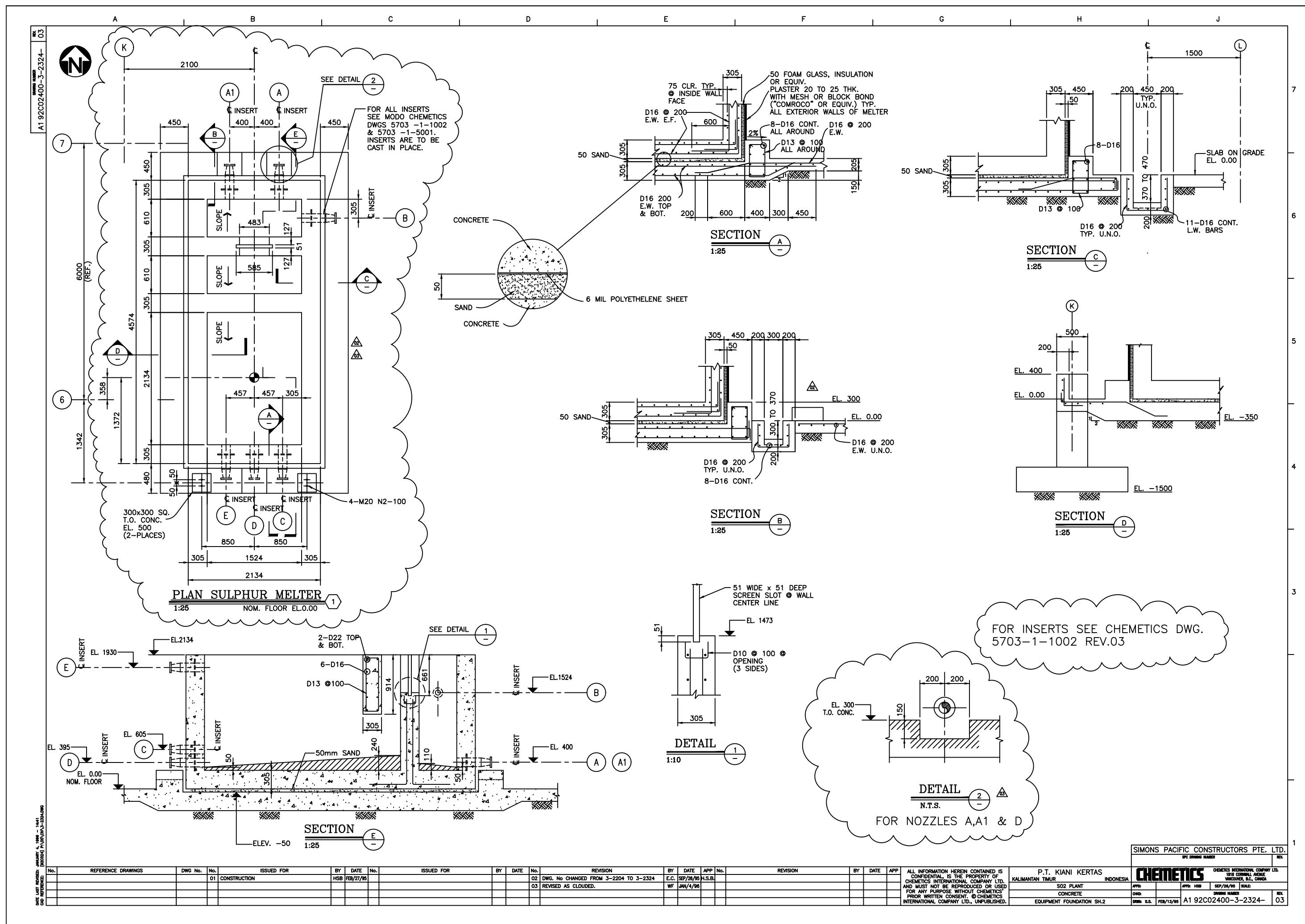


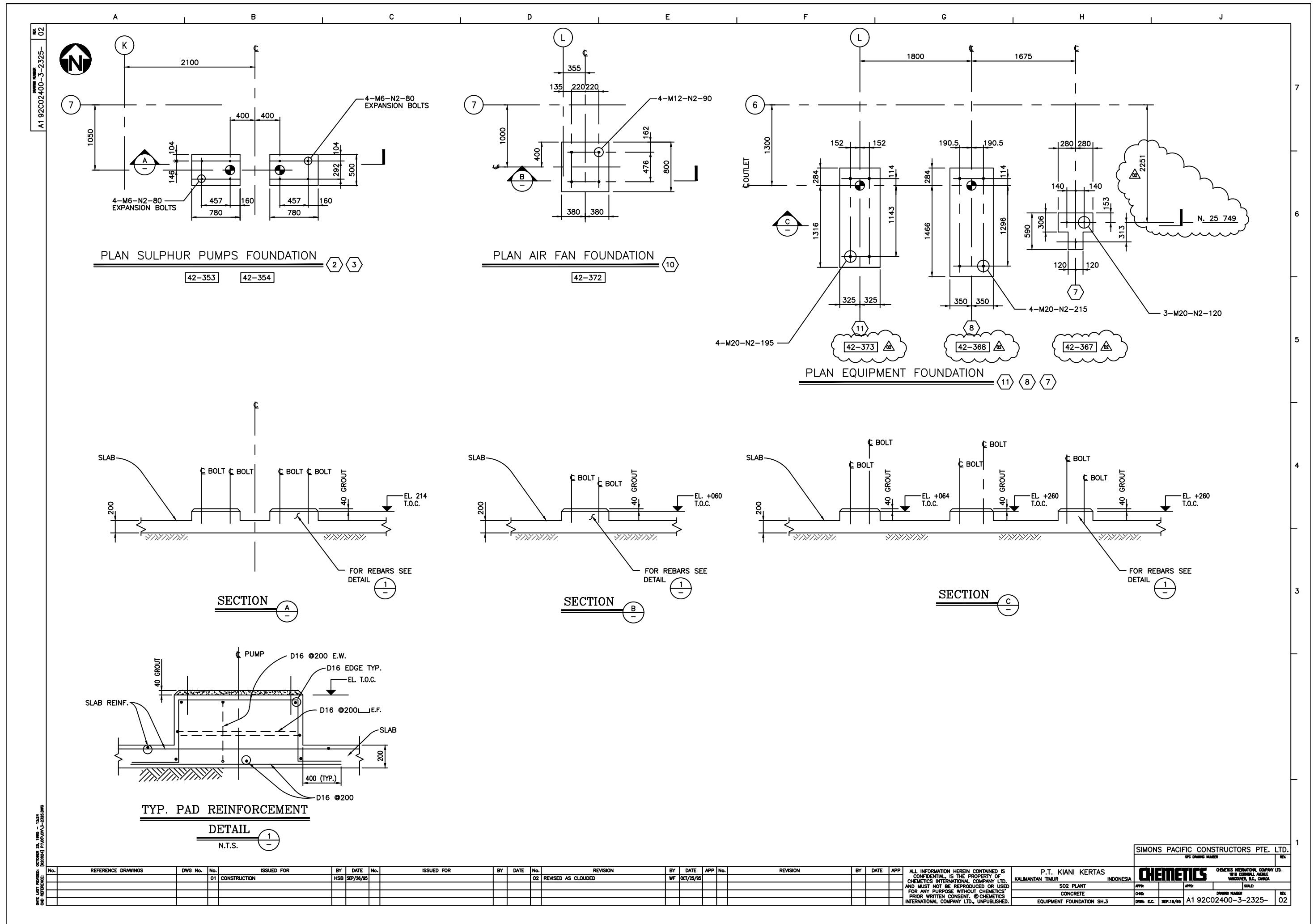


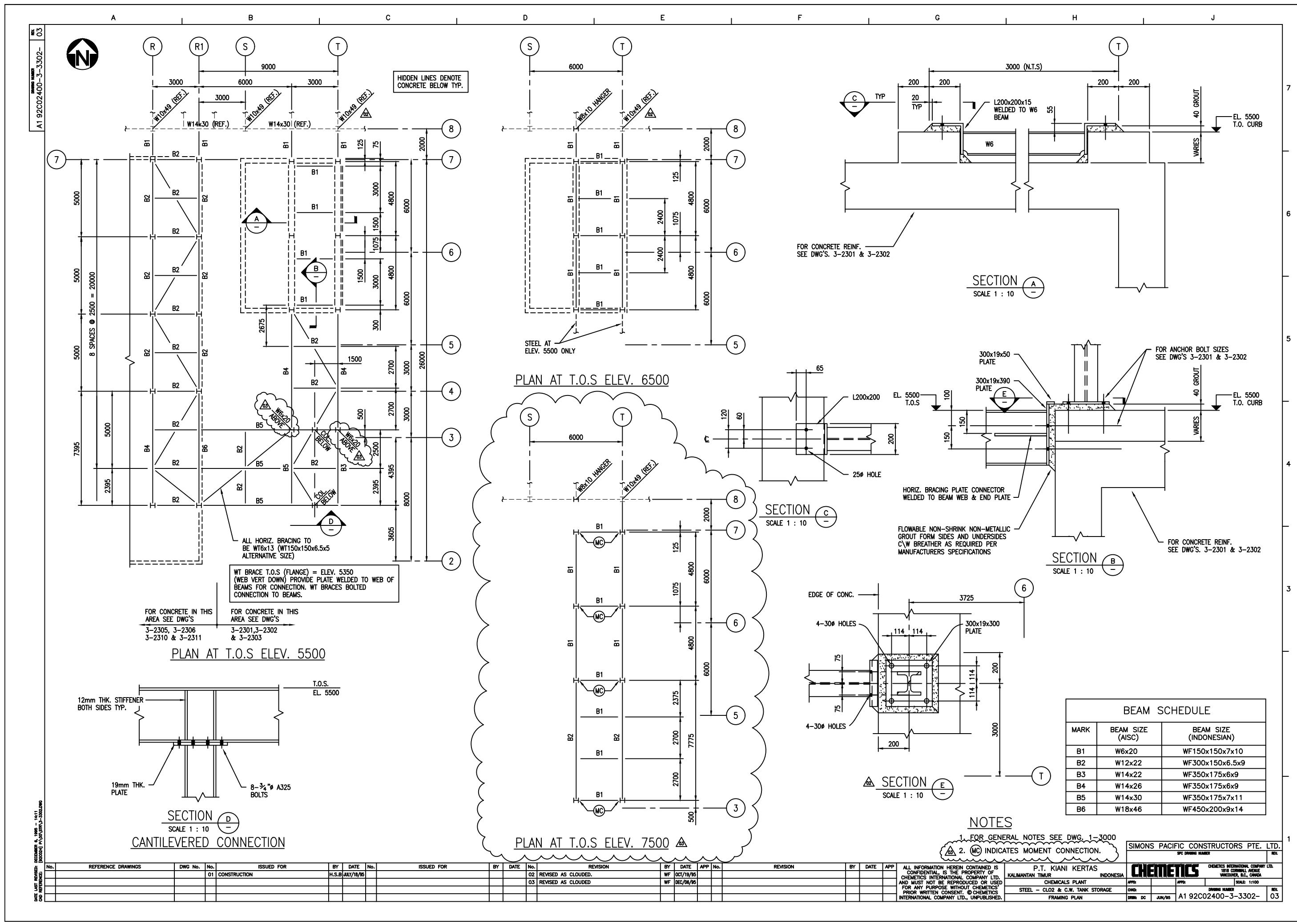


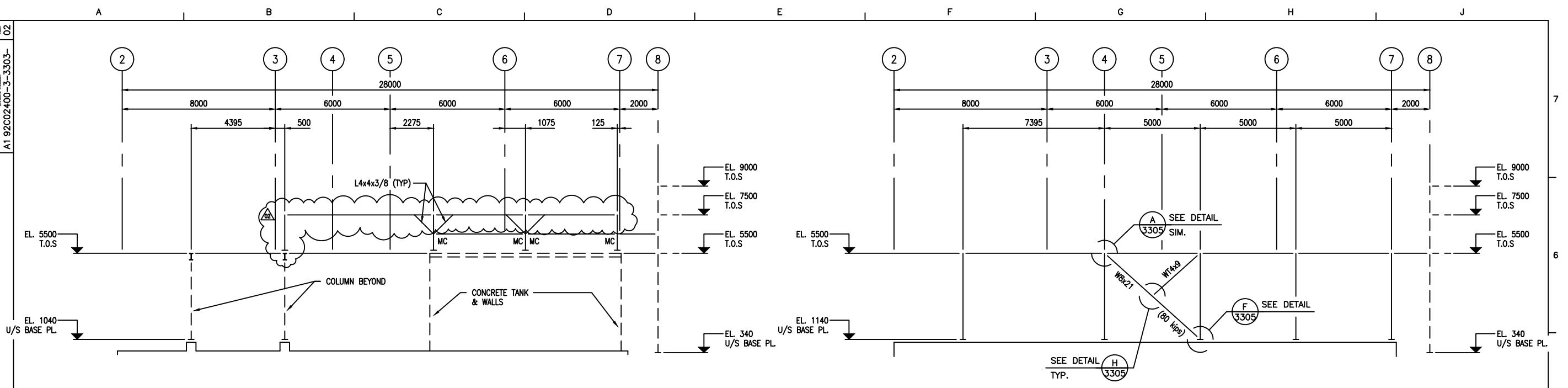






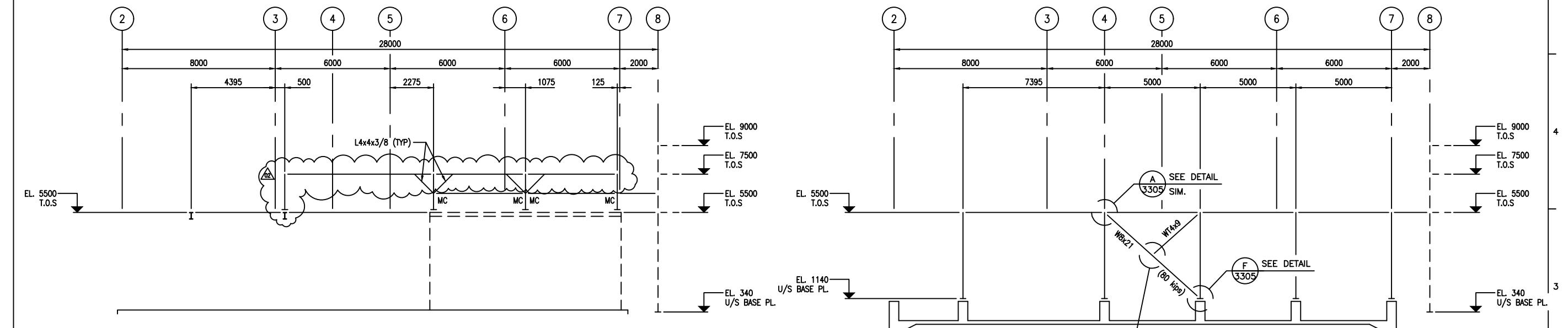






## ELEVATION ALONG LINE T

MC - DENOTES FULL  
MOMENT CONNECTION



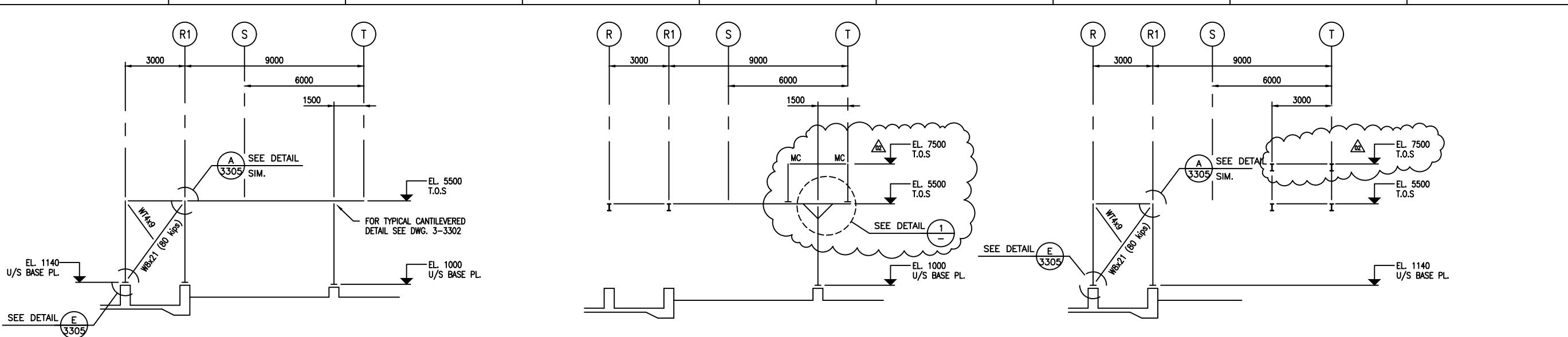
EL E V A T I O N @ 3 0 0 0 W E S T O F L I N E T

### ELEVATION ALONG LINE R

## NOTES

1. FOR GENERAL NOTES SEE DWG. 1-3000

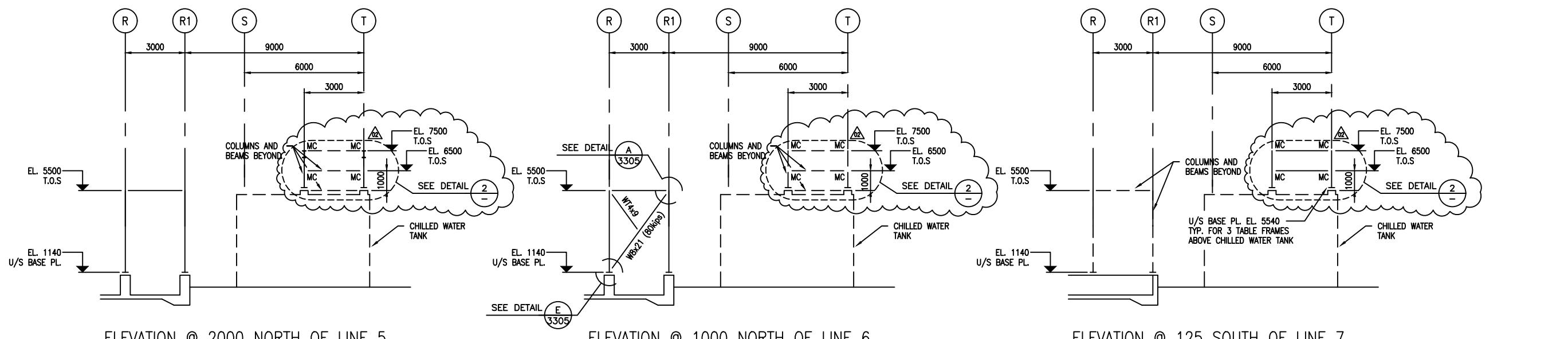
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SPC DRAWING NUMBER		REV.	
CHEMETICS		CHEMETICS INTERNATIONAL COMPANY LTD. 100-1500 DOWNTOWN VANCOUVER, B.C., CANADA	
ST:	APP'D:	SCALE: 1:100	
ST:		DRAWING NUMBER	REV.
ST: DC	JULY/85	A1 92C02400-3-3303-	02



EL E V A T I O N @ 3 6 0 5 N O R T H O F L I N E 2

ELEVATION @ 500 NORTH OF LINE 3

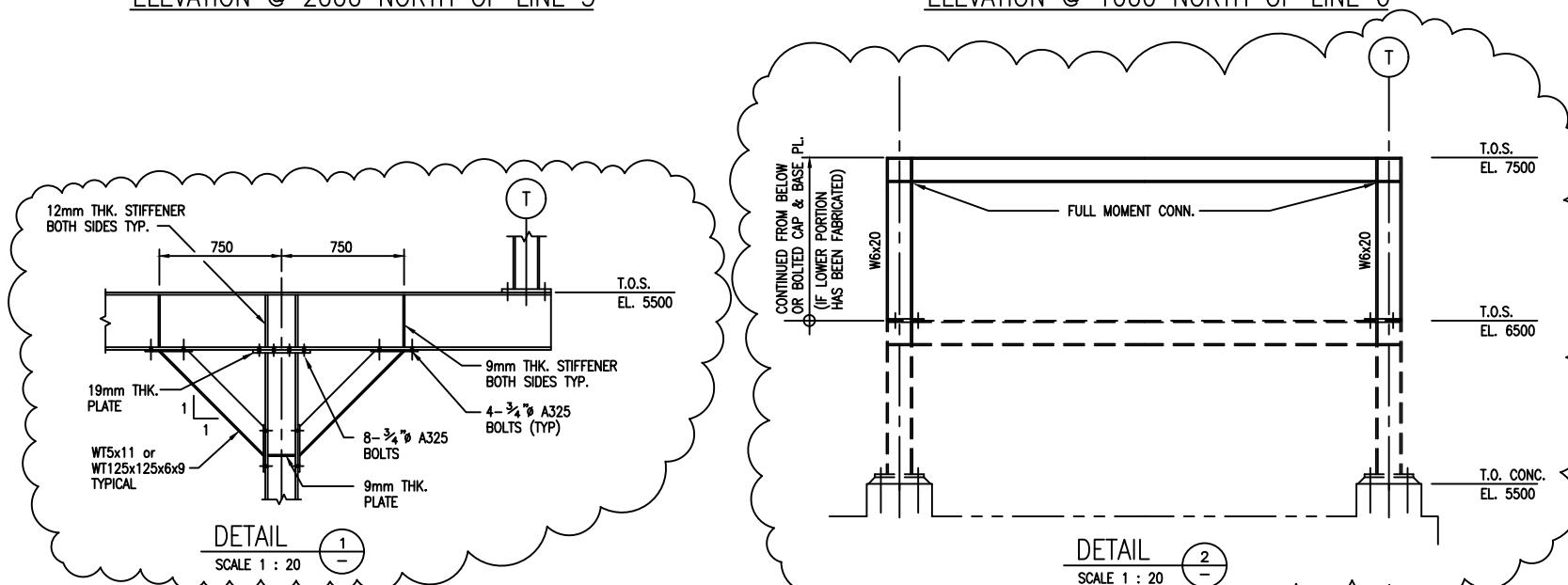
ELEVATION ALONG LINE 4



ELEVATION @ 2000 NORTH OF LINE 5

ELEVATION @ 1000 NORTH OF LINE 6

EL E V A T I O N @ 1 2 5 S O U T H O F L I N E 7



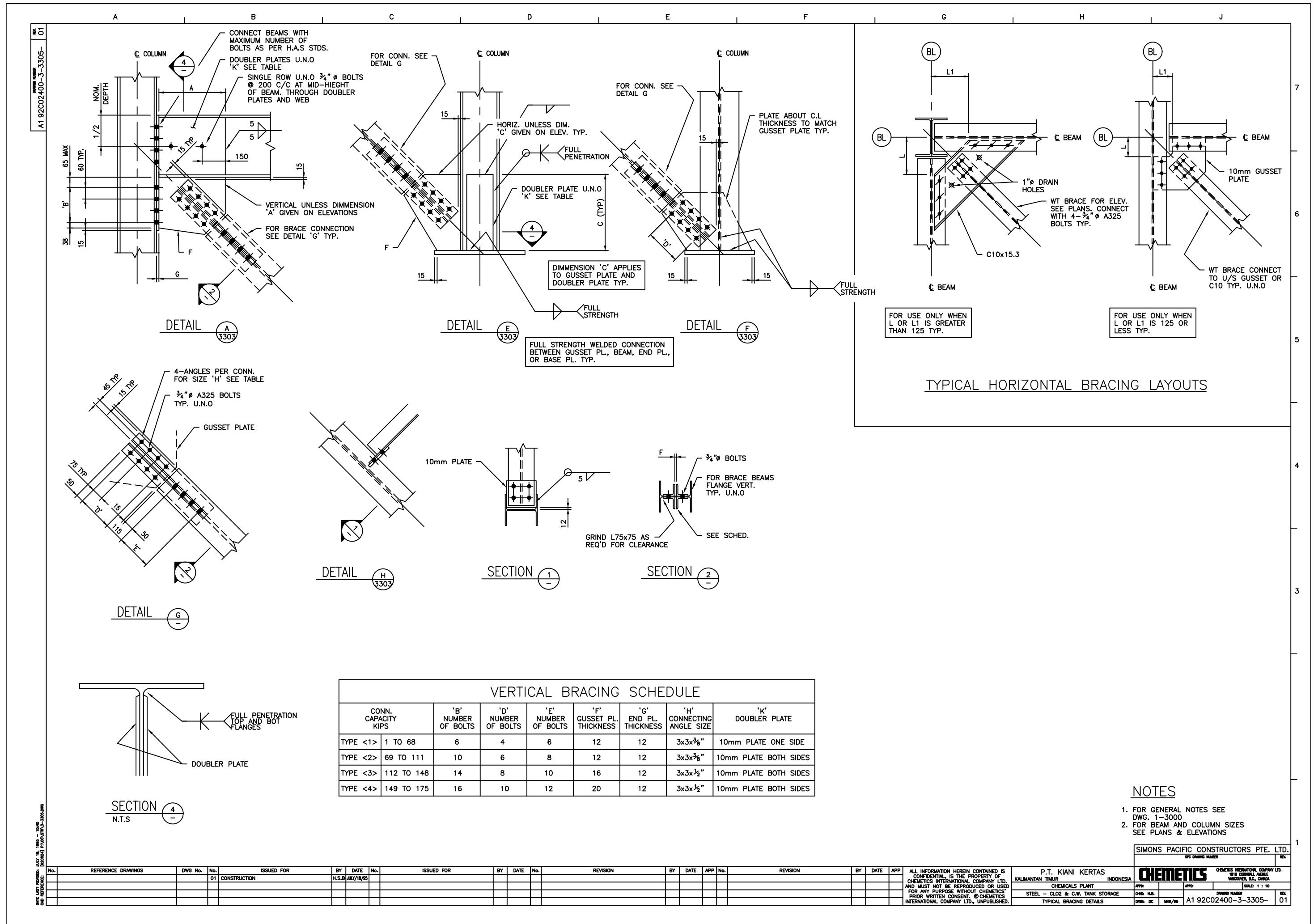
DETAIL

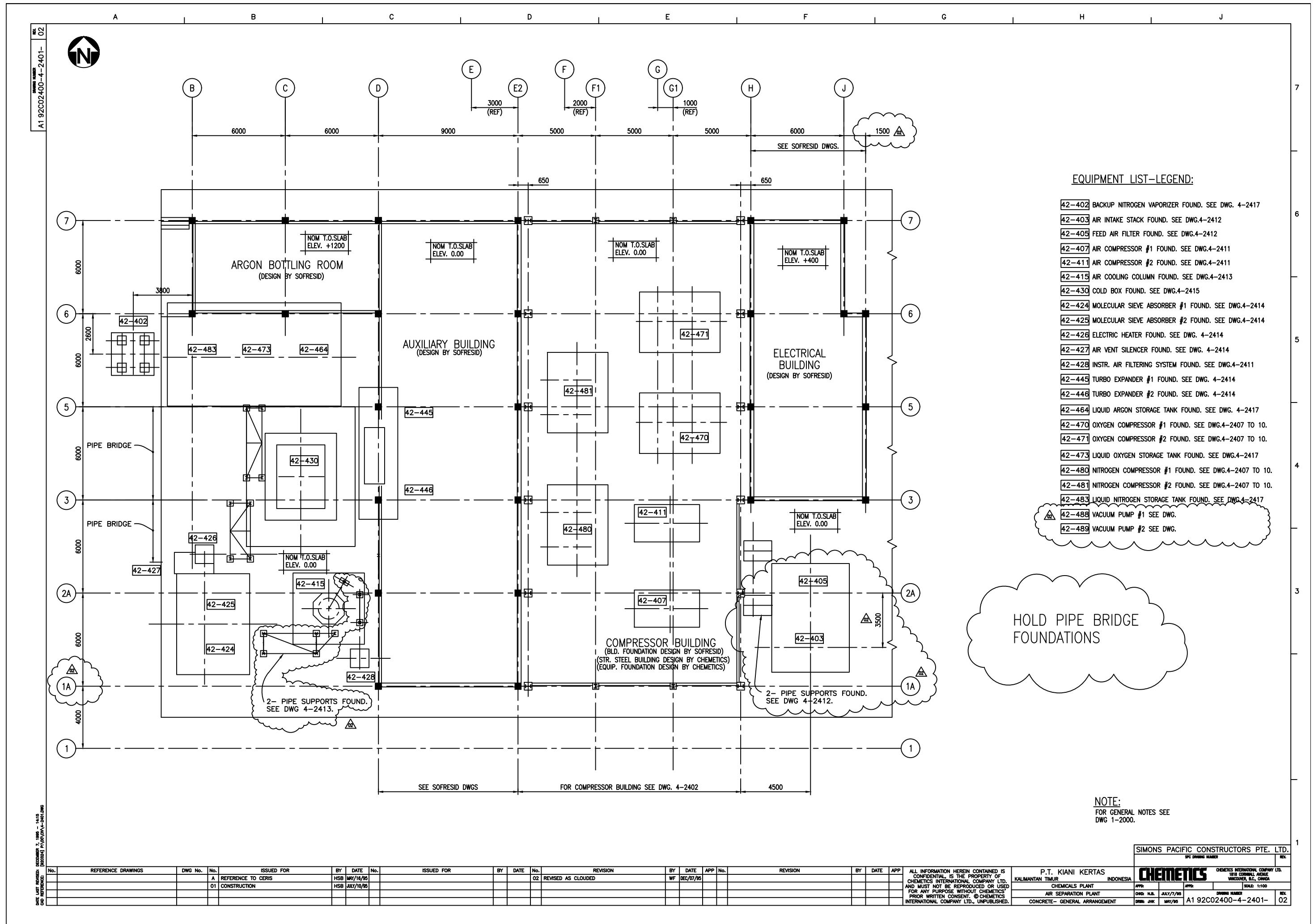
DETAIL

## NOTES

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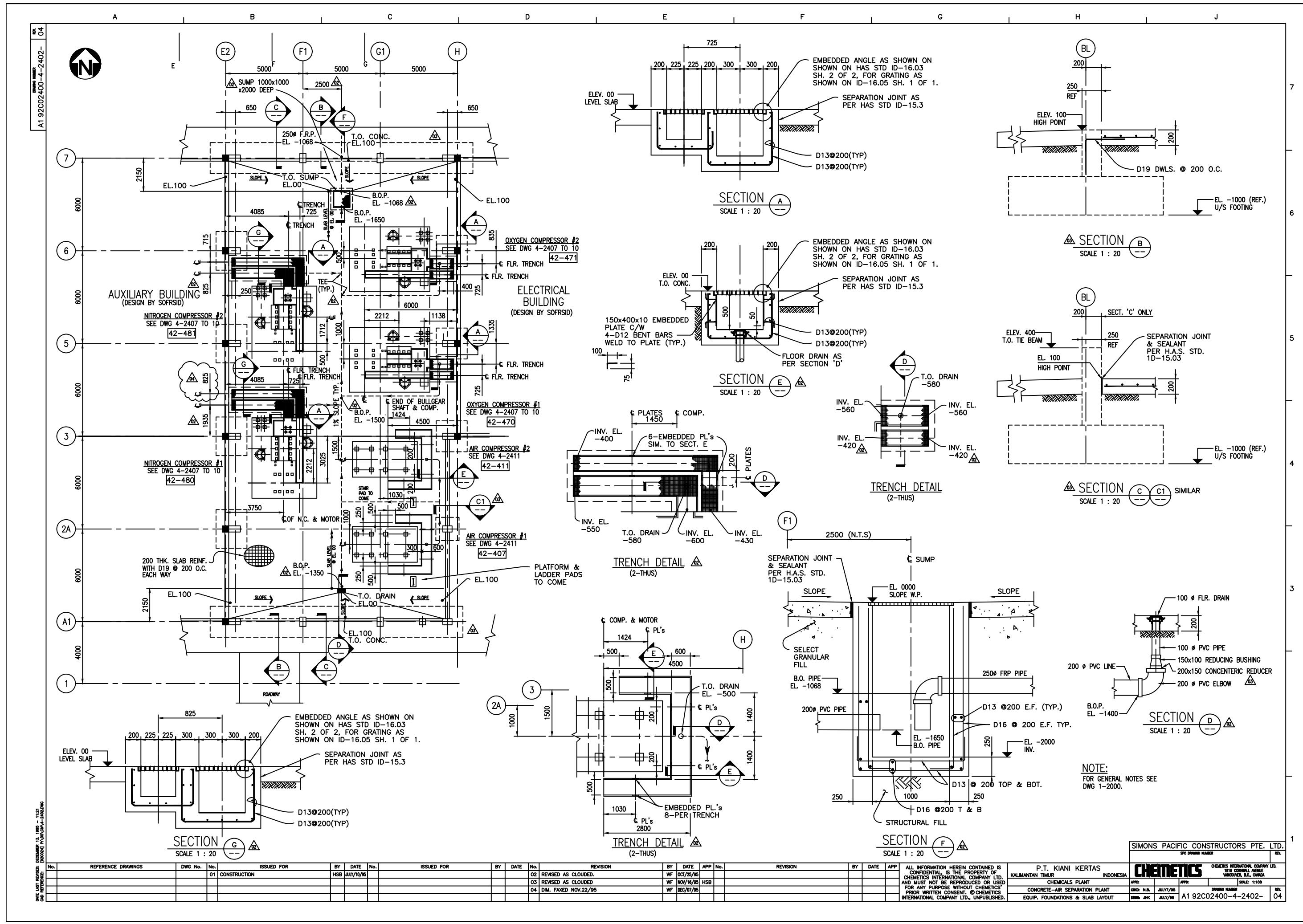
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PPC	APP:	DRIVING NUMBER	SCALE: 1:100
REC	JULY/95	A1 92C02400-3-3304-	02

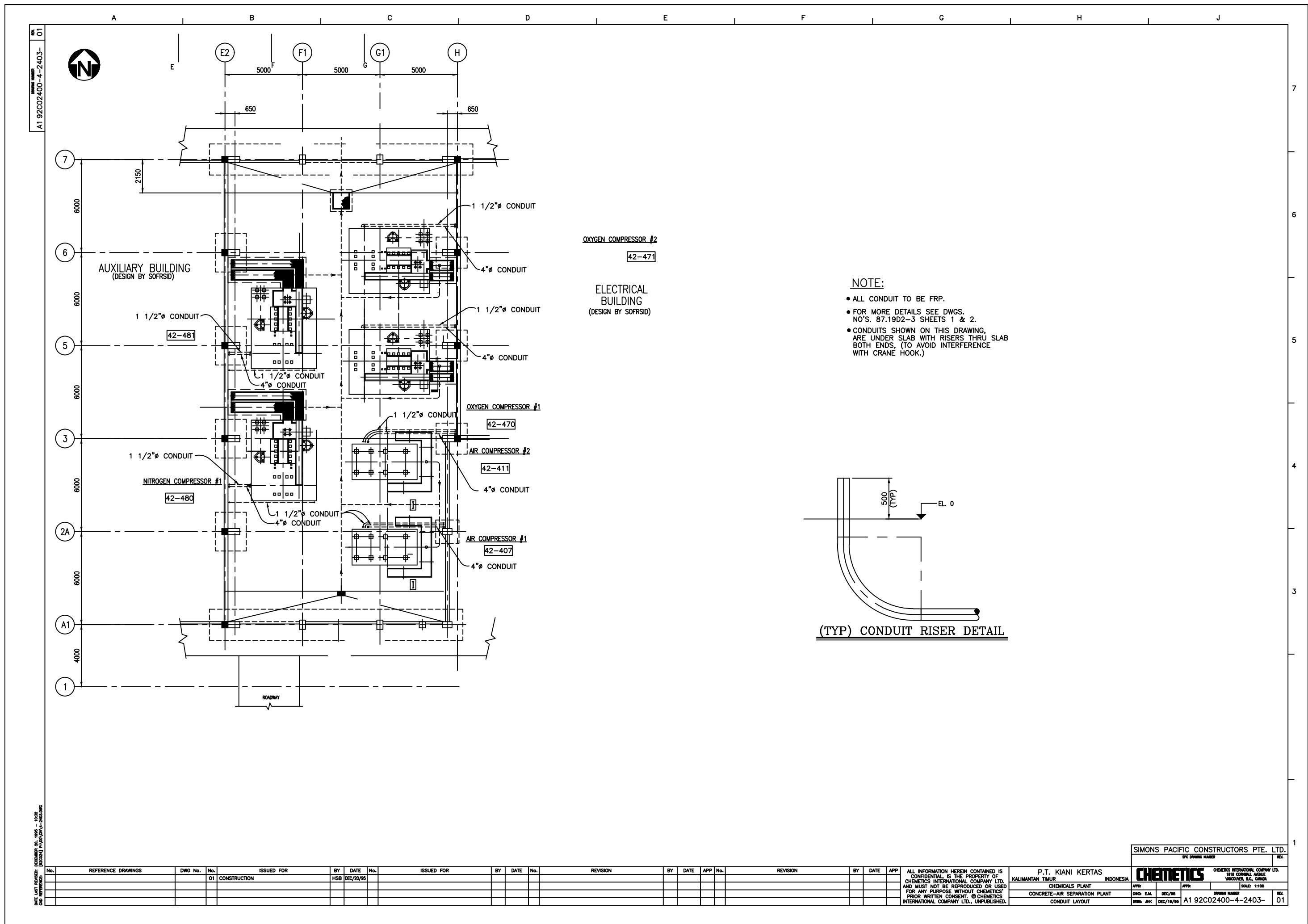


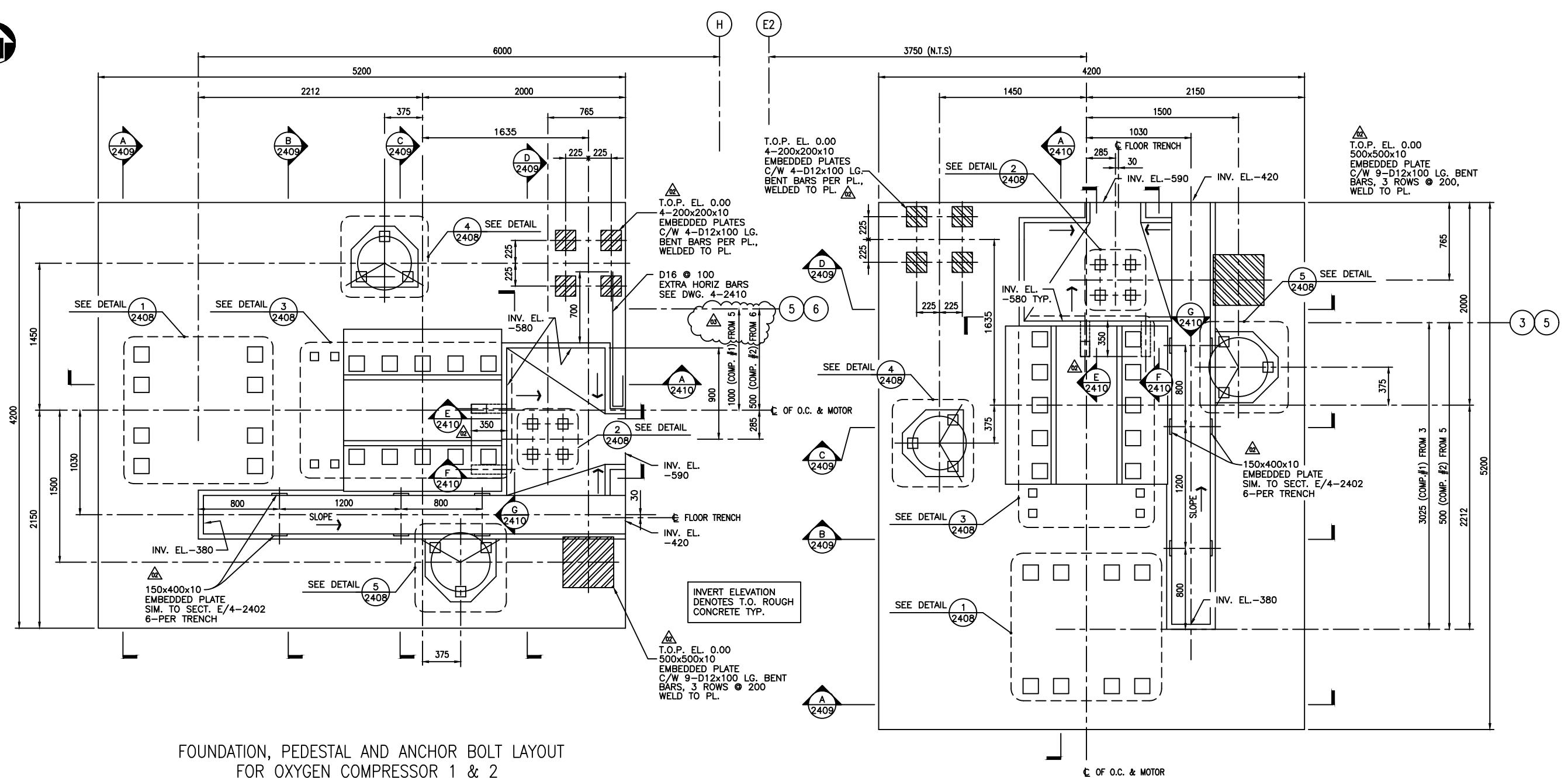


NOTE:  
FOR GENERAL NOTES SEE  
FIG. 1-2000.

R GENERAL NOTES SEE  
G 1-2000.







# FOUNDATION, PEDESTAL AND ANCHOR BOLT LAYOUT FOR OXYGEN COMPRESSOR 1 & 2

42-471

**GRATING DETAILS TO FOLLOW  
(SUPPLIED BY OTHERS)**

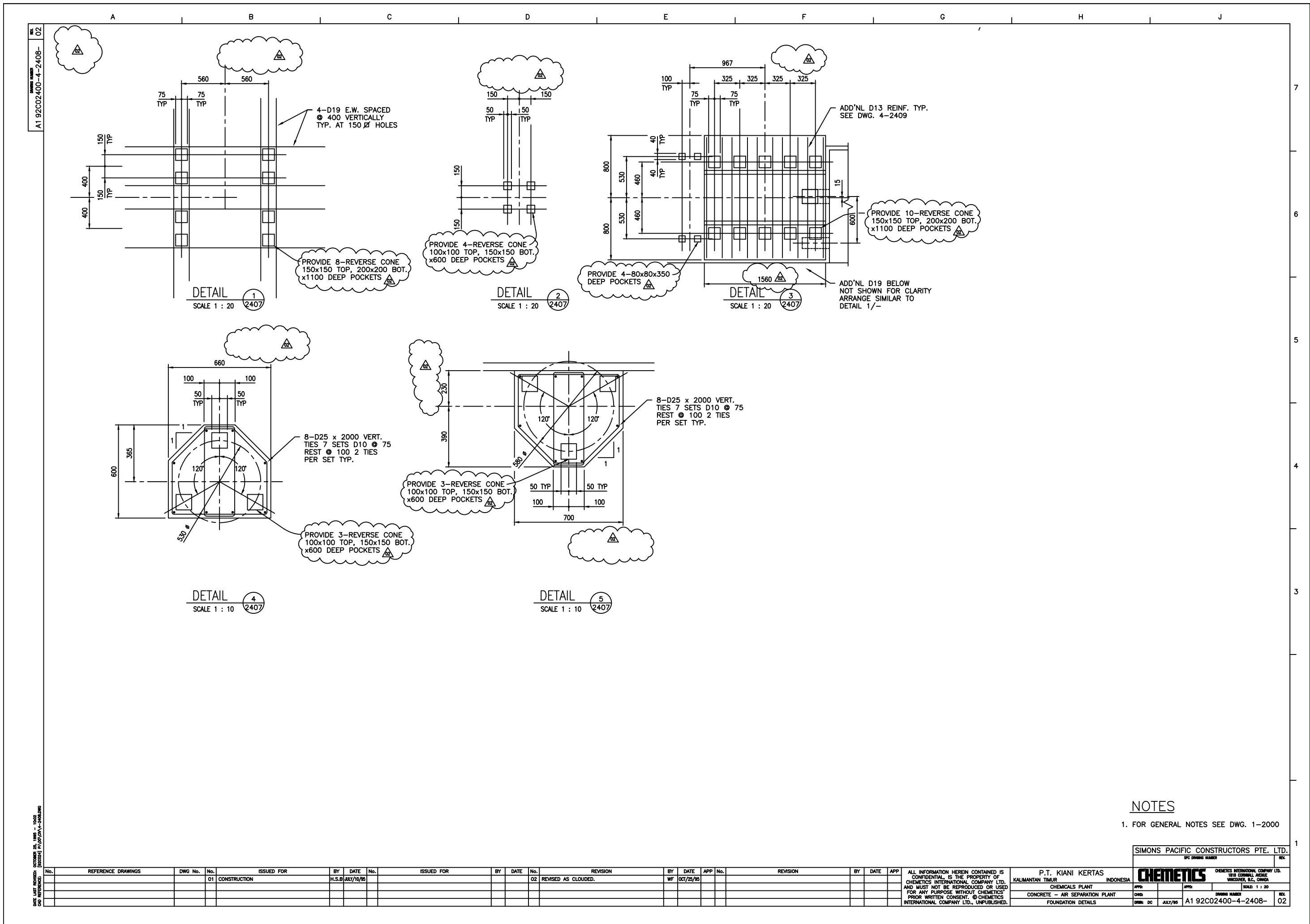
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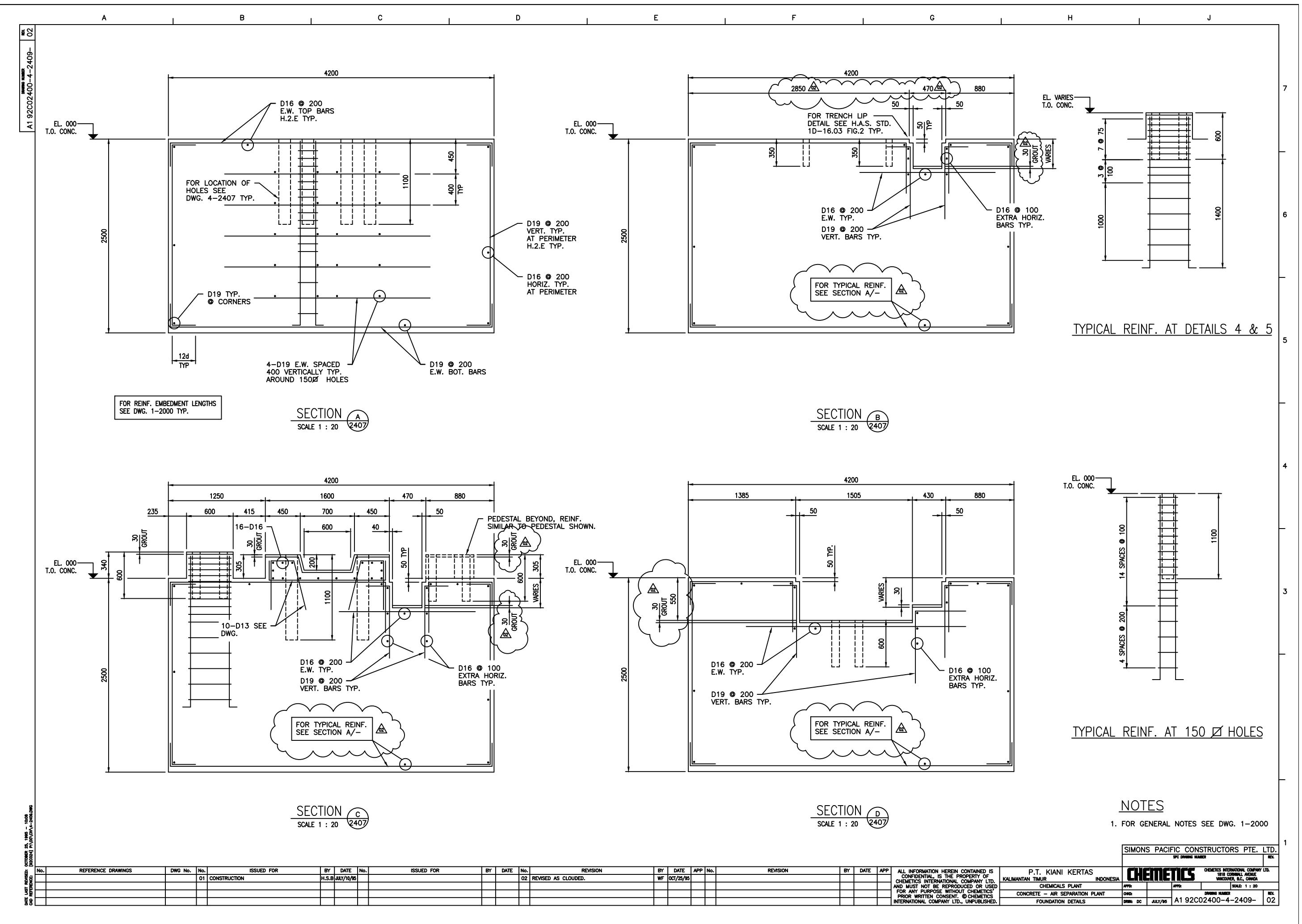
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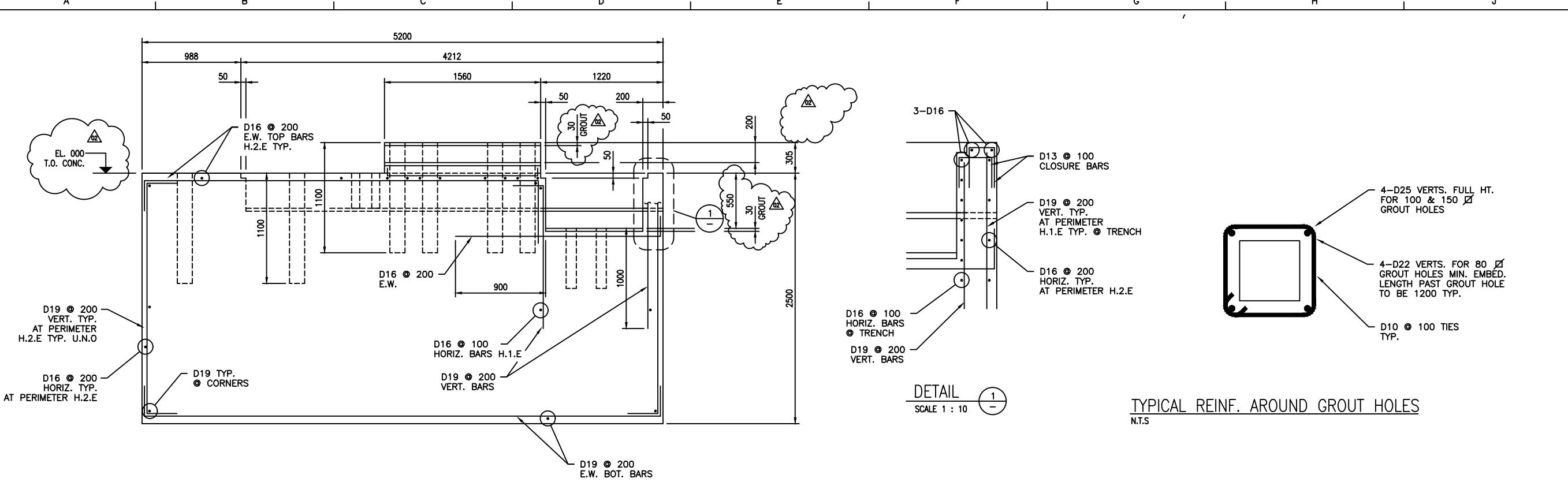
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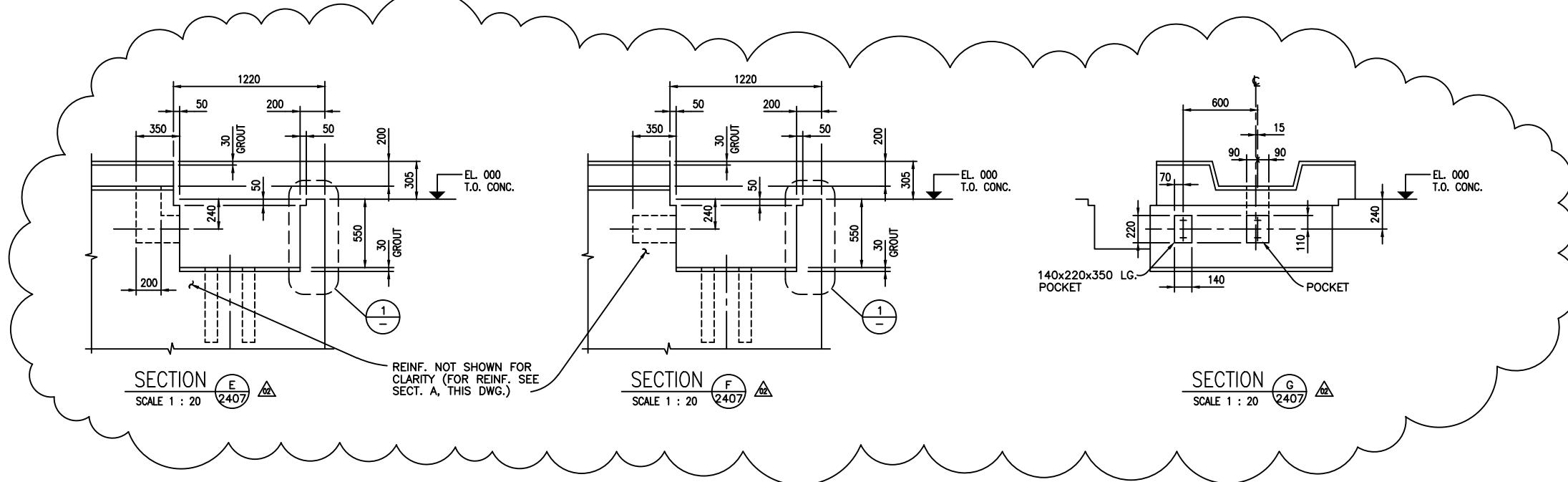
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PPC	APP:	DRAWING NUMBER		SCALE: 1 : 20
WHS				
REINC. DC	JULY/85	A1 92C02400-4-2407-		03







SECTION A  
SCALE 1 : 20  
2407



SECTION F  
SCALE 1 : 20 2407 02

SECTION G  
SCALE 1 : 20 2407 02

## NOTES

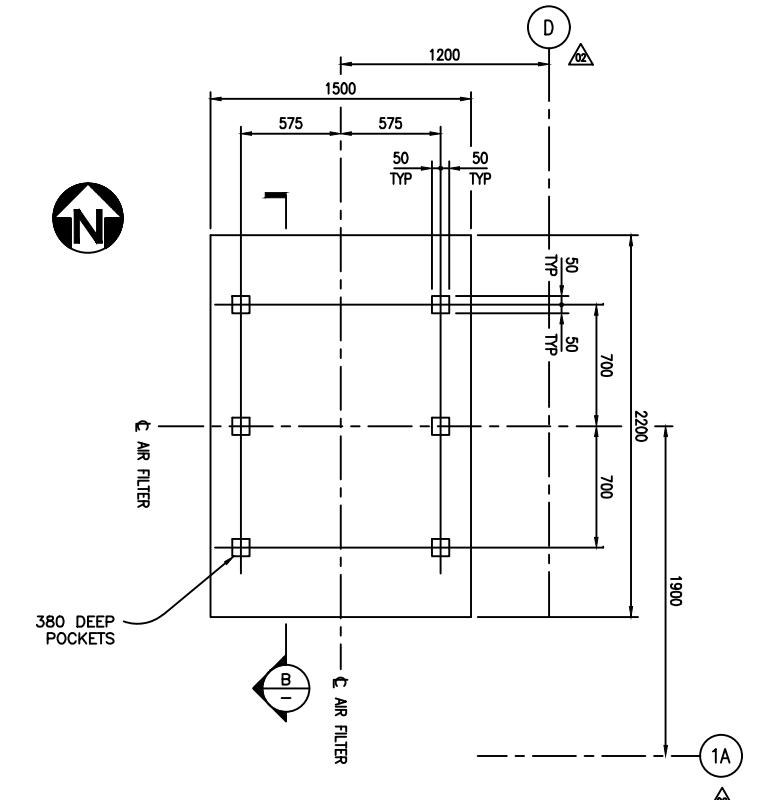
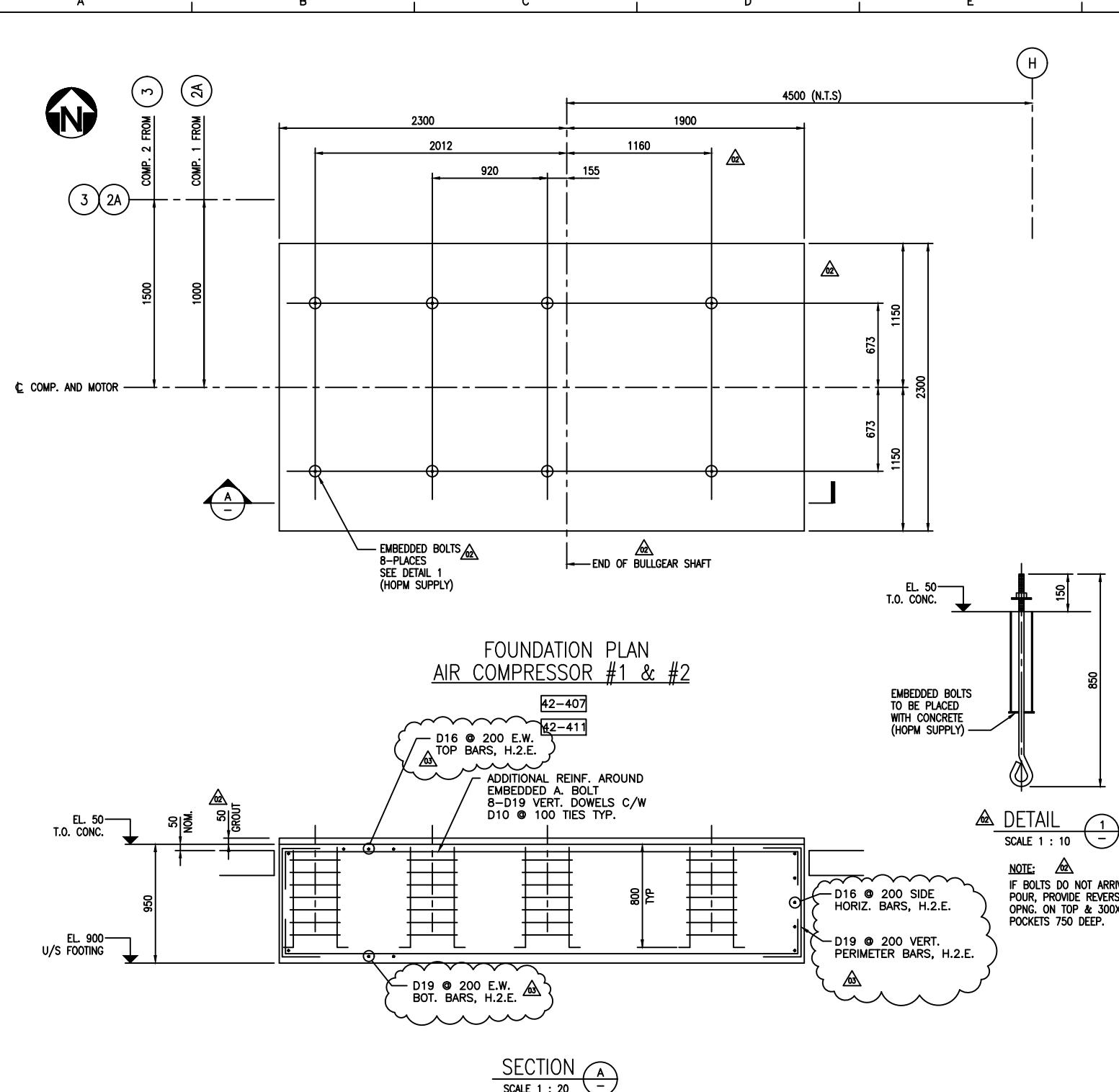
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DATE LAST REVISED: OCTOBER 25, 1995 - 10:13  
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No

**REVISION**      **BY**      **DATE**      **APP**

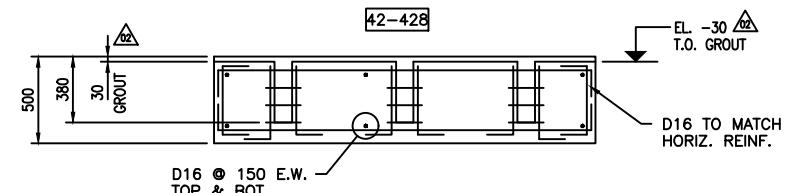
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SPC DRIVING NUMBER		
REX		
P.T. KIANI KERTAS MANTAN TIMUR	INDONESIA	<b>CHEMETICS</b>
CHEMICALS PLANT	APP:	APP:
CONCRETE - AIR SEPARATION PLANT	CHG:	DRIVE: DC
FOUNDATION DETAILS	JULY 95	DRIVING NUMBER
A1 92C02400-4-2410-		
REX		
02410		

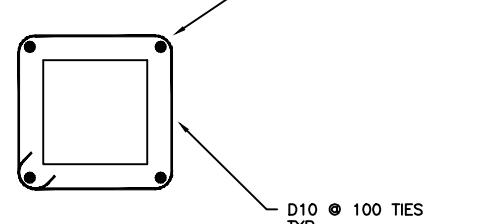


## FOUNDATION PLAN

### INSTR. AIR FILTERING SYSTEM



SECTION B  
SCALE 1 : 20

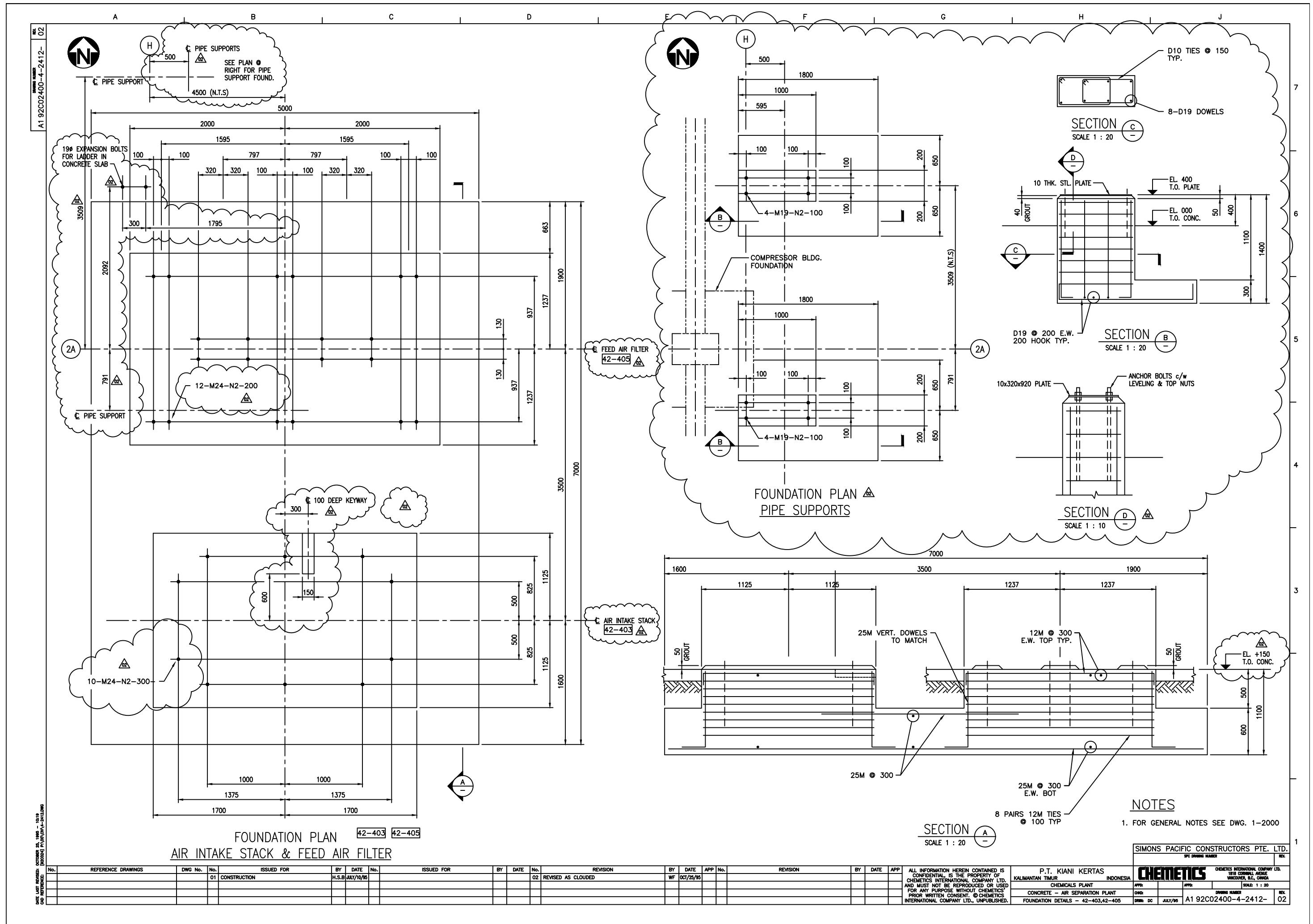


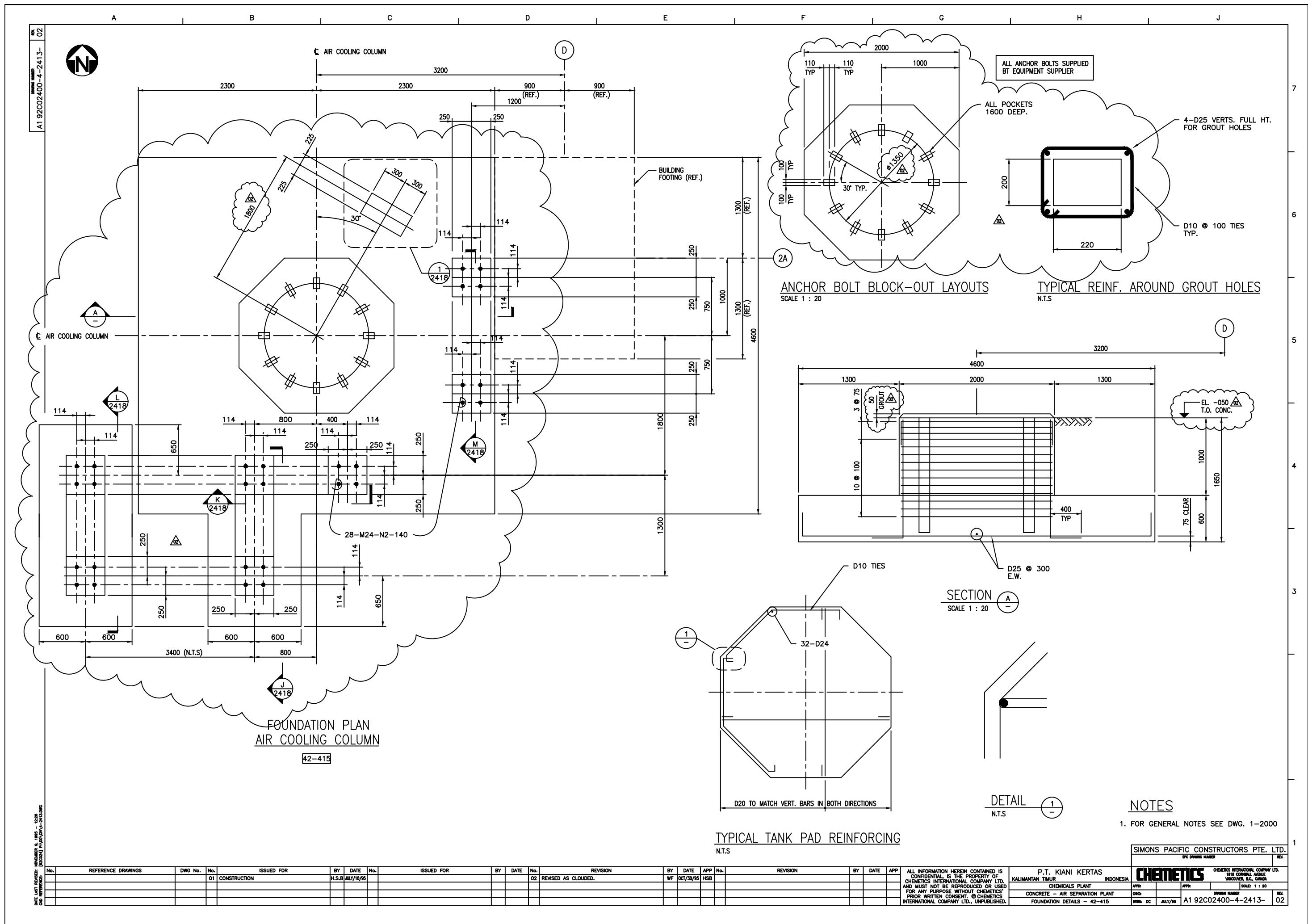
## TYPICAL REINF. AROUND GROUT HOLES

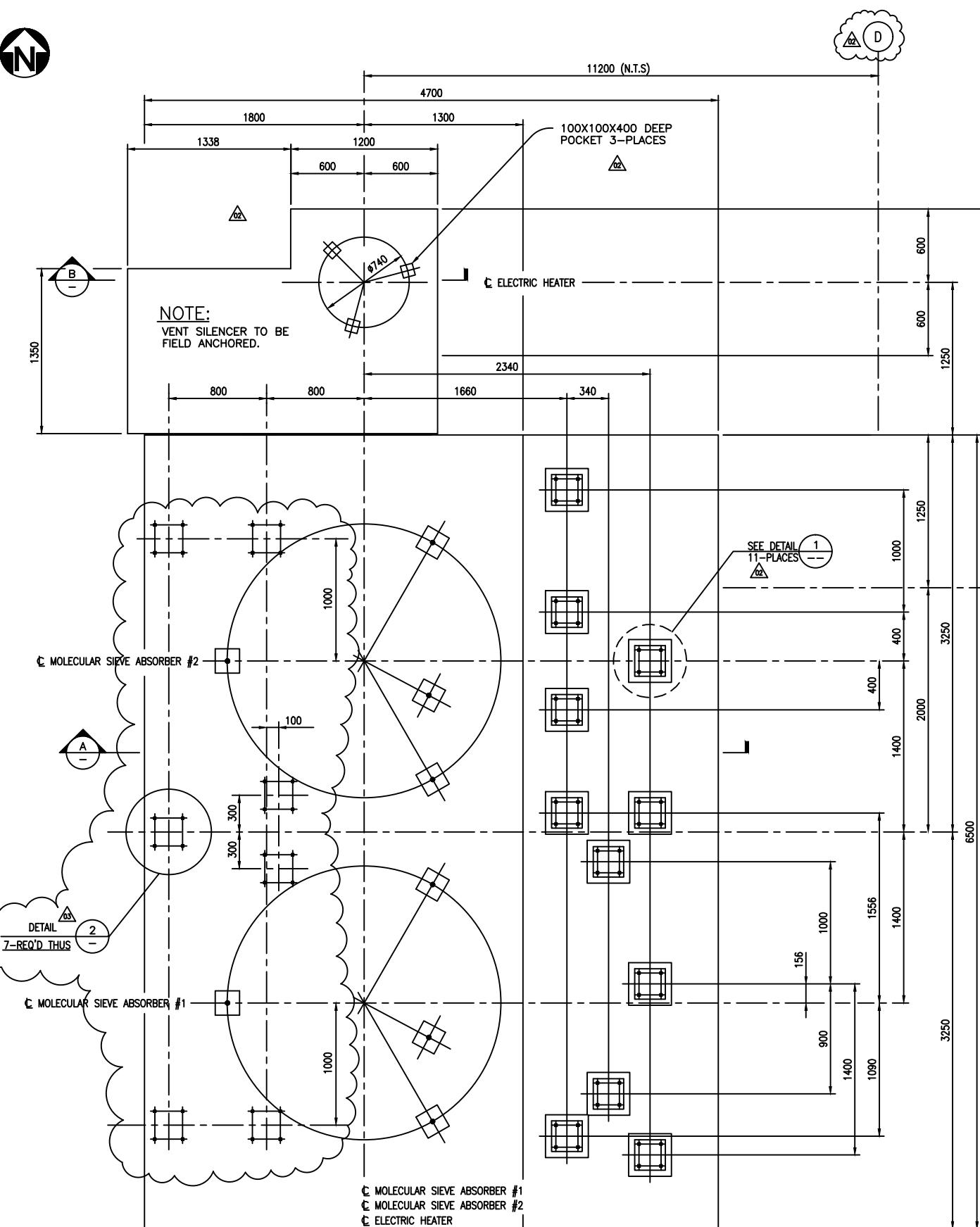
## NOTES

1 FOR GENERAL NOTES SEE DWG. 1-2000

IMONS PACIFIC CONSTRUCTORS PTE. LTD.		
SPC DRAWING NUMBER		REV.
<b>CHEMTECTS</b>		CHEMTECTS INTERNATIONAL COMPANY LTD. 1918 CORNWALL AVENUE VANCOUVER, B.C., CANADA
<b>1:</b>	APPx	SCALE: 1 : 20
<b>1:</b>	DRAWING NUMBER	
<b>1:</b>	A1 92C02400-4-2411-03	
<b>1:</b>	DC JULY/95	







FOUNDATION PLAN

## MOLECULAR SILENCER #1 & #2, VENT SILENCER & ELECTRIC HEATER

**ALL ANCHOR BOLTS SUPPLIED BY EQUIPMENT SUPPLIER**

**ANCHOR BOLT BLOCK-OUT LAYOUTS**

**TYPICAL REINF. AROUND GROUT HOLES N.T.S.**

**SECTION A**  
SCALE 1 : 20

**SECTION B**  
SCALE 1 : 20

**NOTES**

1. FOR GENERAL NOTES SEE DWG. 1-2000

**SIMONS PACIFIC CONSTRUCTORS PTE. LTD.**  
SPC DRAWING NUMBER

**CHEMTECTICS**  
CHEMTECTICS INTERNATIONAL COMPANY LTD.  
A Division of Chemetics Corporation  
VANCOUVER, B.C., CANADA

DATE	APP	No.	REVISION	BY	DATE	APP
NOV/1/95						
NOV/1/95						

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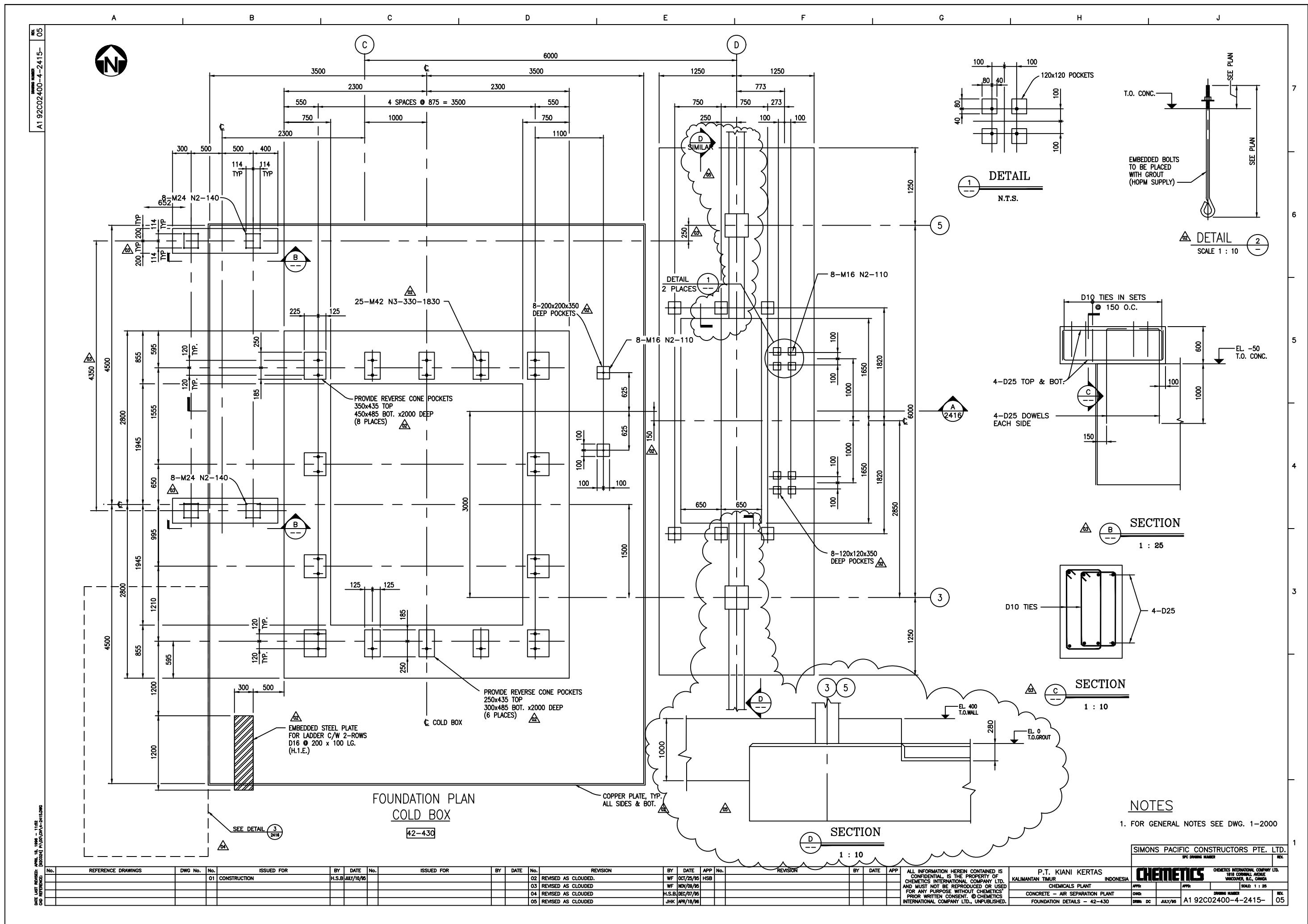
**P.T. KIANI KERTAS**  
KALIMANTAN TIMUR INDONESIA

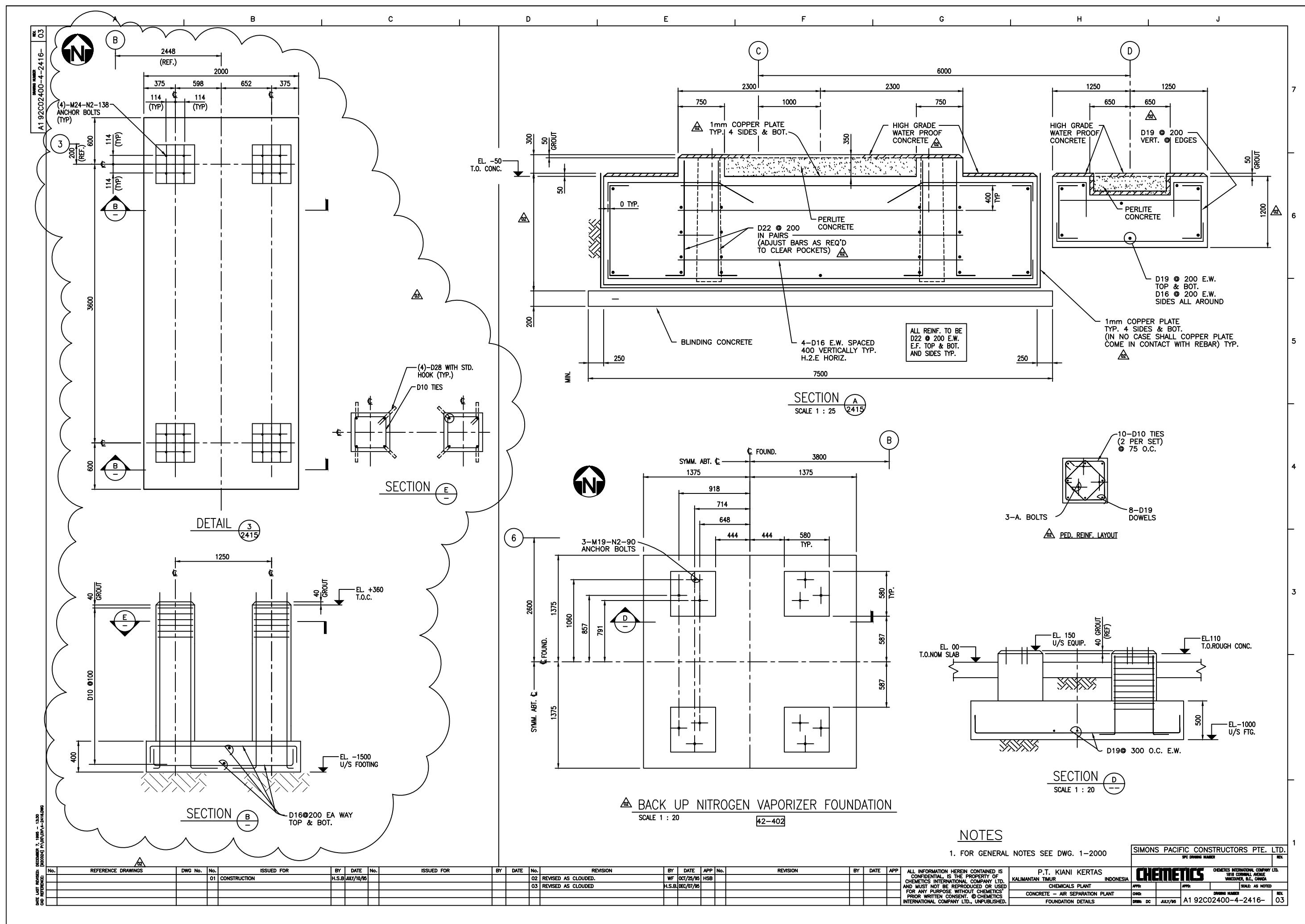
**CHEMTECTICS PLANT**

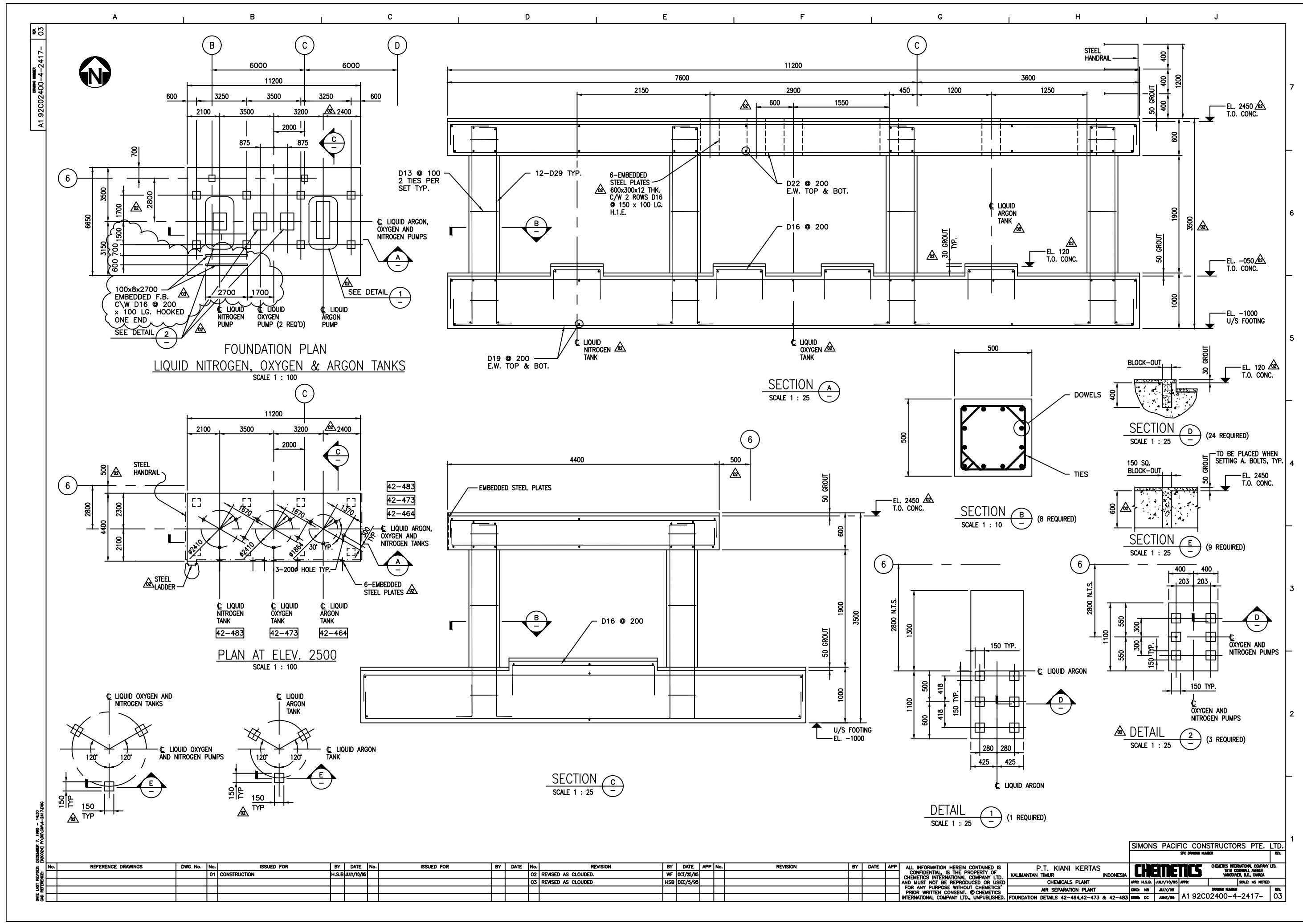
## NOTES

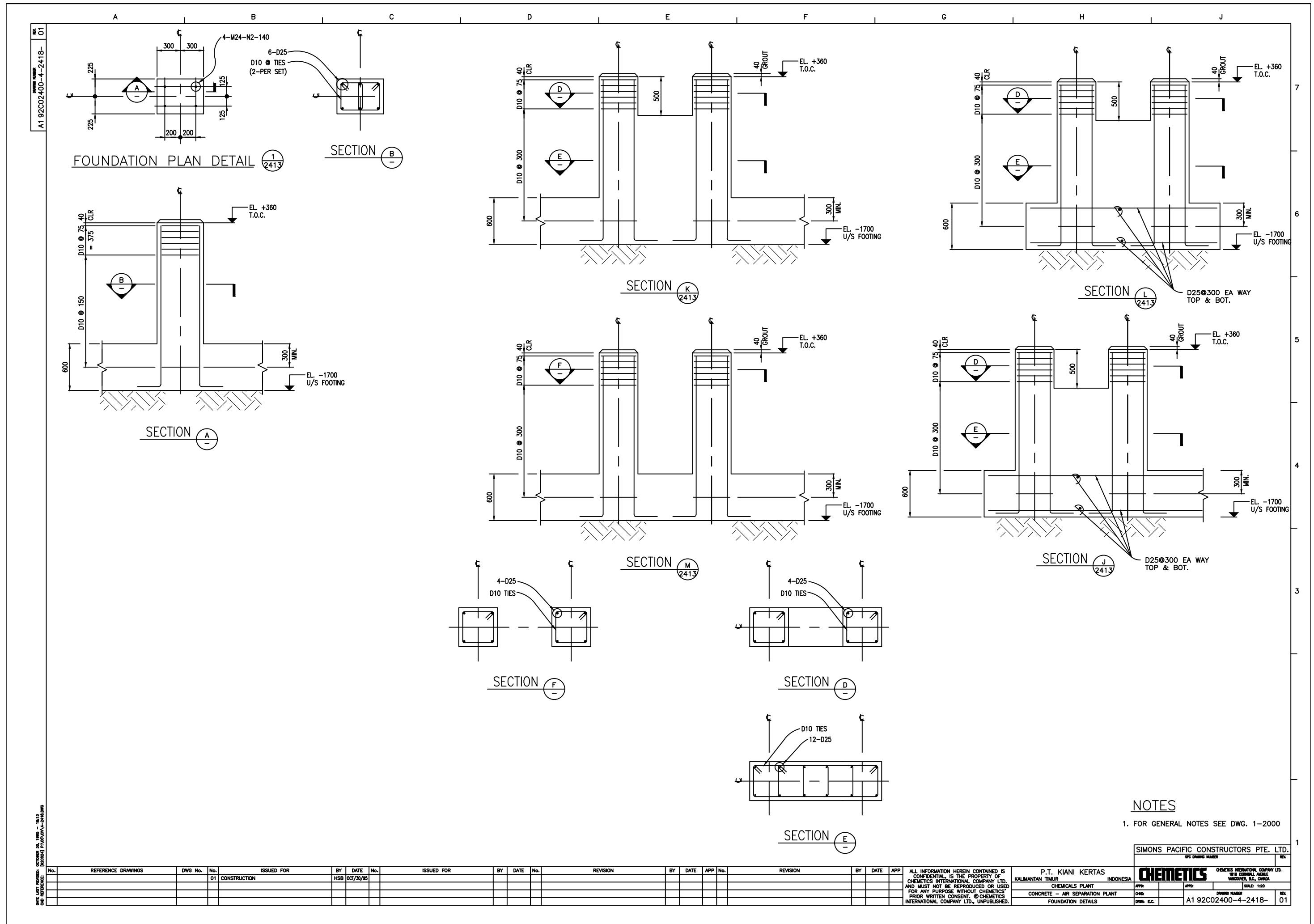
1. FOR GENERAL NOTES SEE DWG. 1-2000

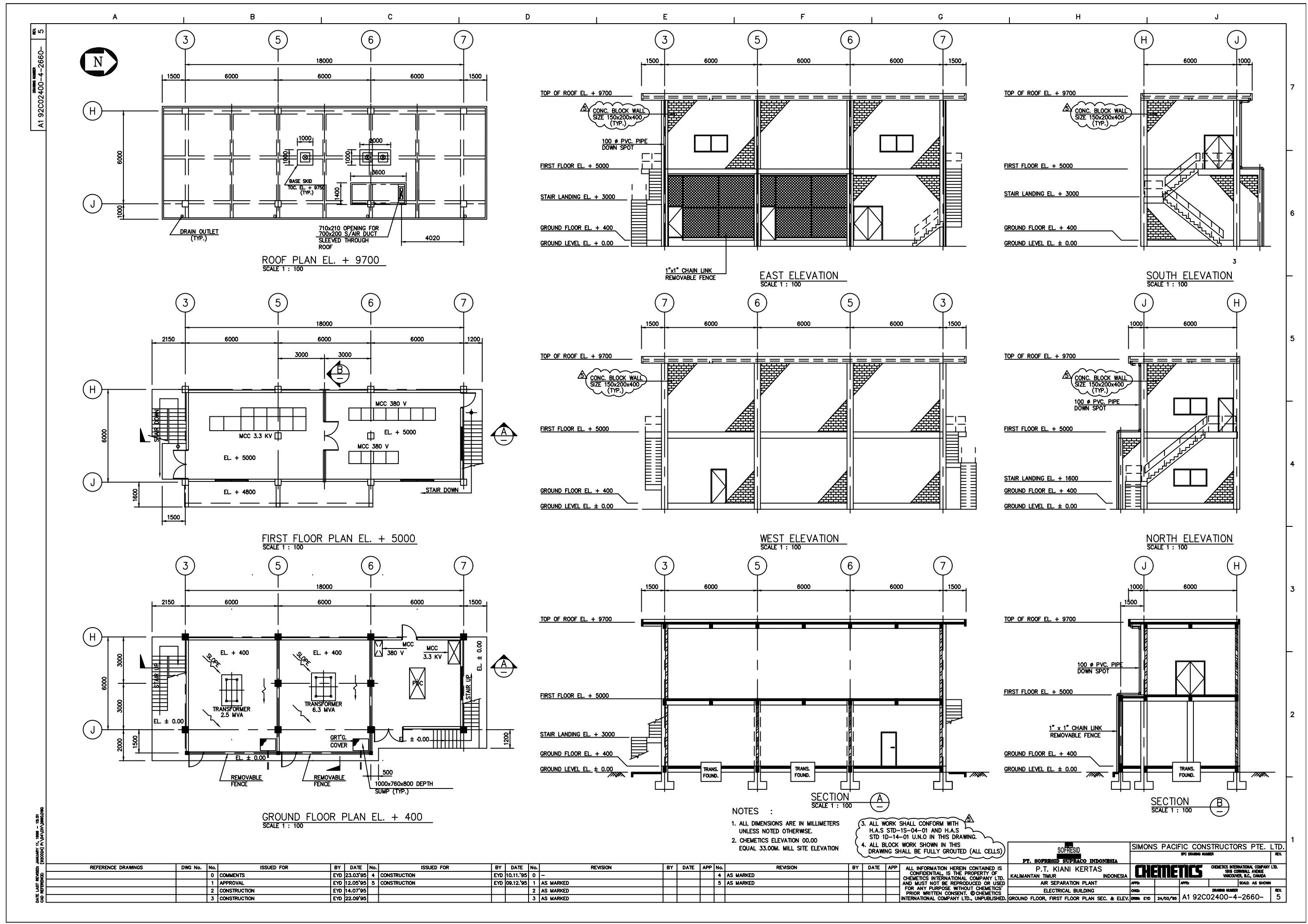
SIMONS PACIFIC CONSTRUCTORS PTE. LTD.		REV.
SPC DRIVING NUMBER		
<b>CHEMETICS</b>		CHEMETICS INTERNATIONAL COMPANY LTD. 1815 CARRIAGE AVENUE VANCOUVER, B.C., CANADA
APP'D:	APP'D:	SCALE: 1 : 20
CHGR:		DRIVING NUMBER
DRVR: DC	JULY/95	A1 92C02400-4-2414-
		REV. 03

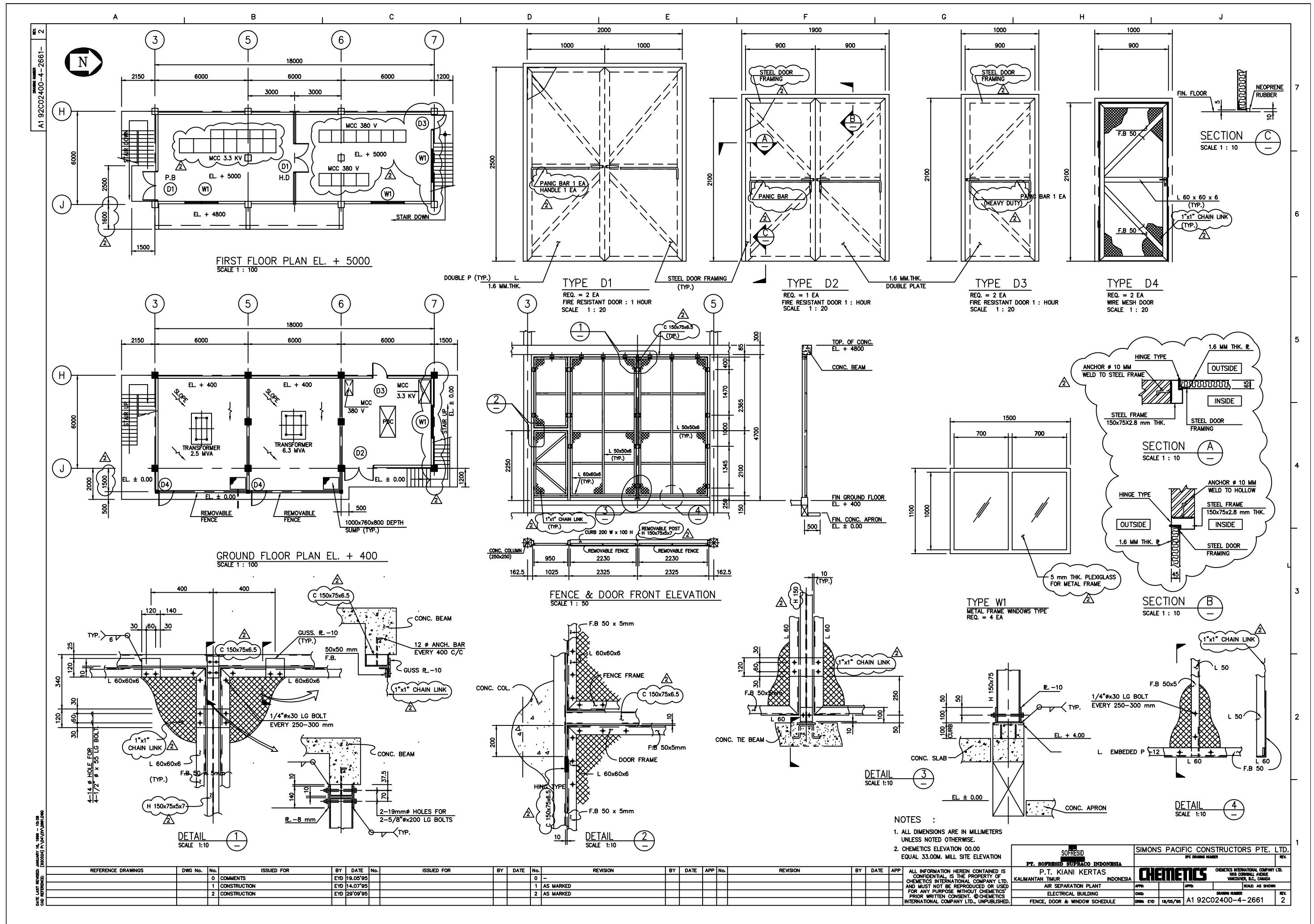


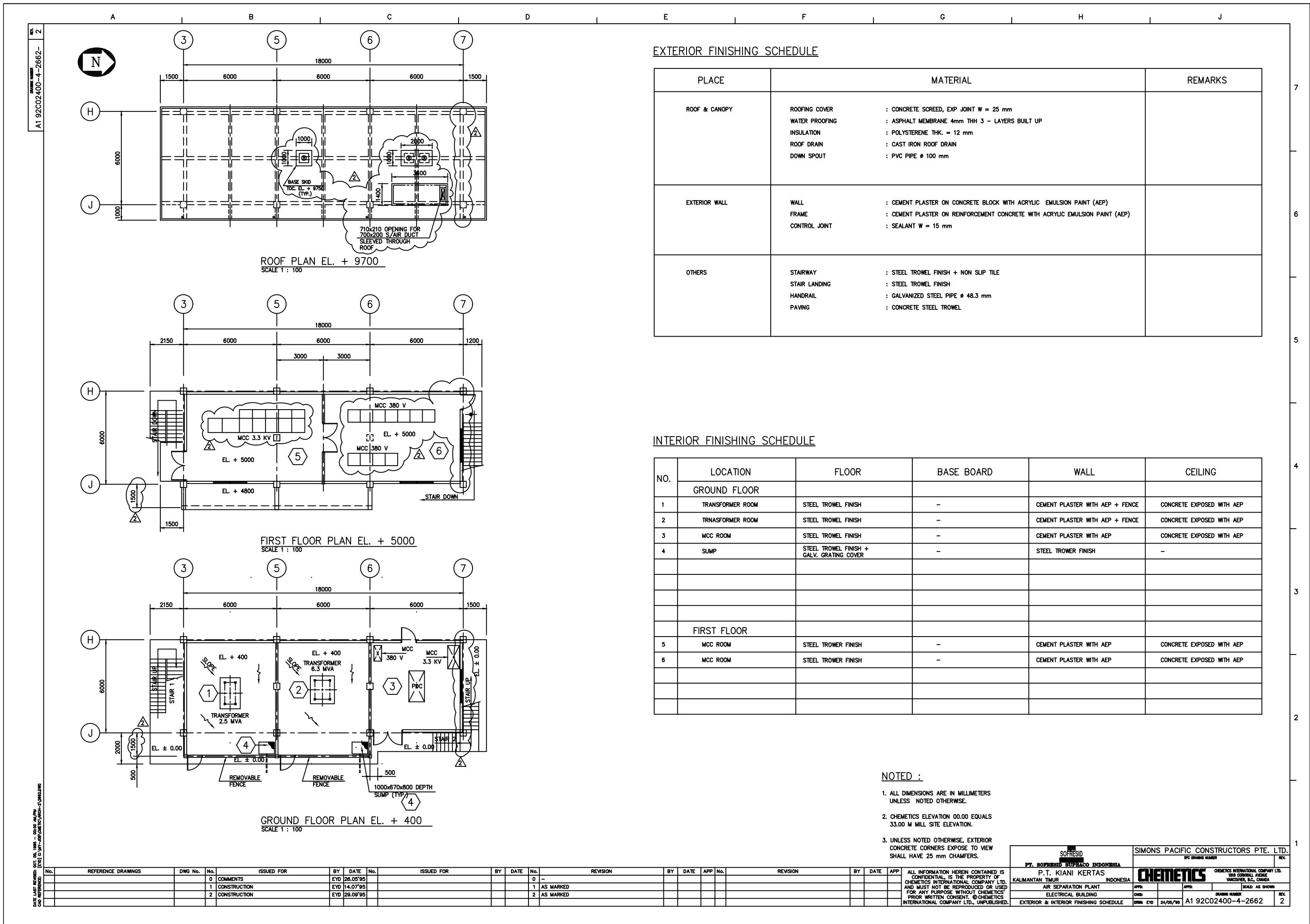


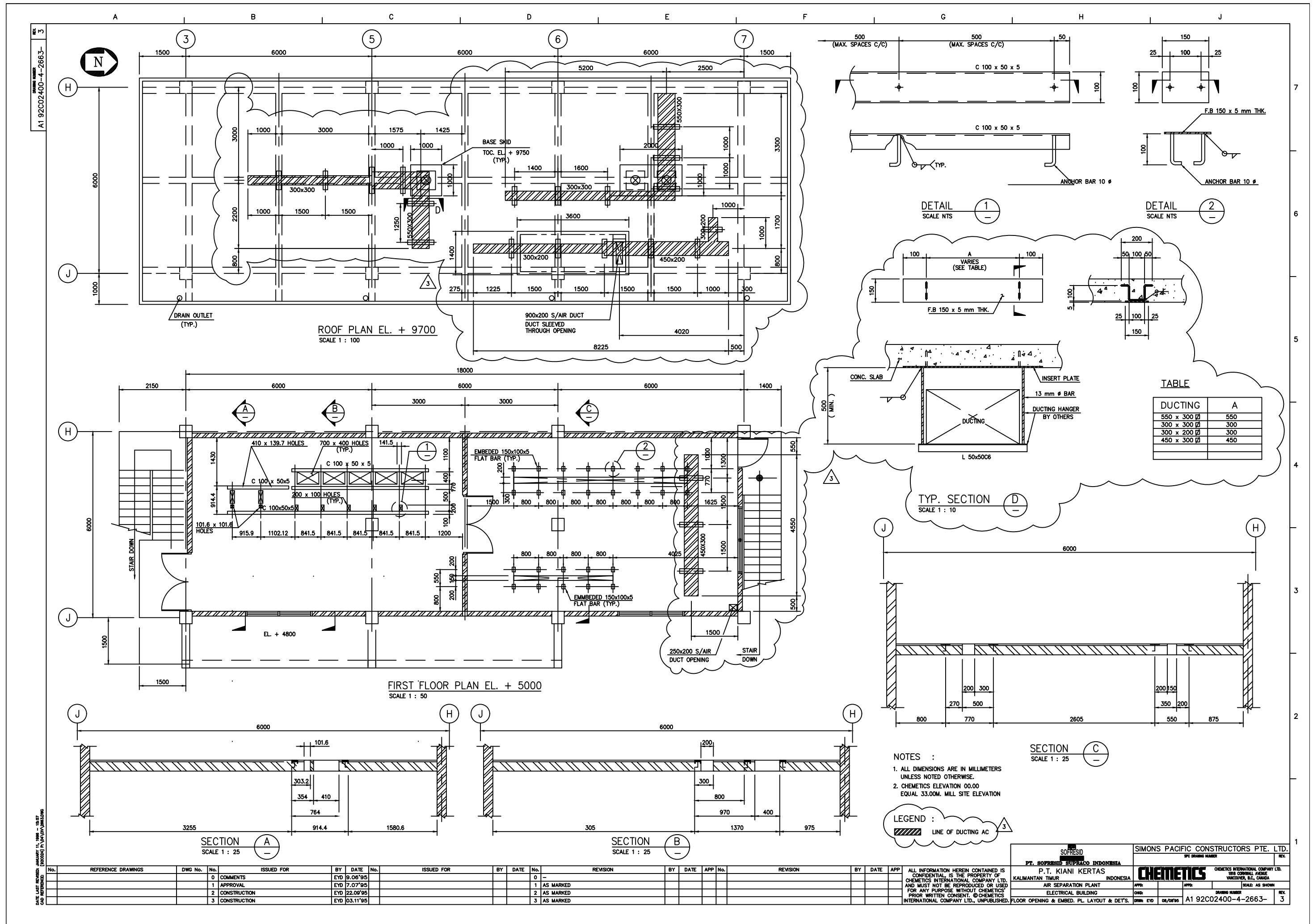


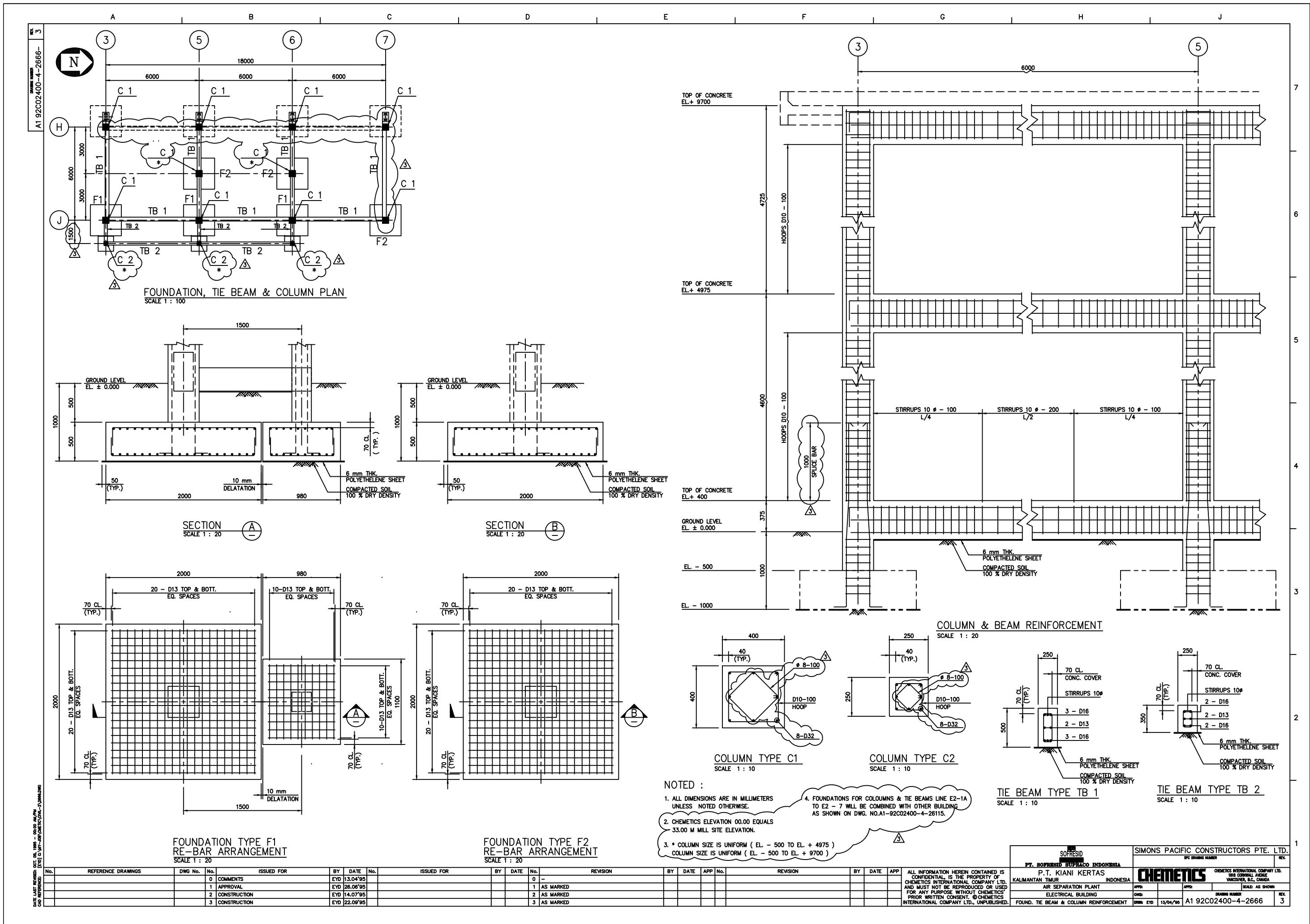


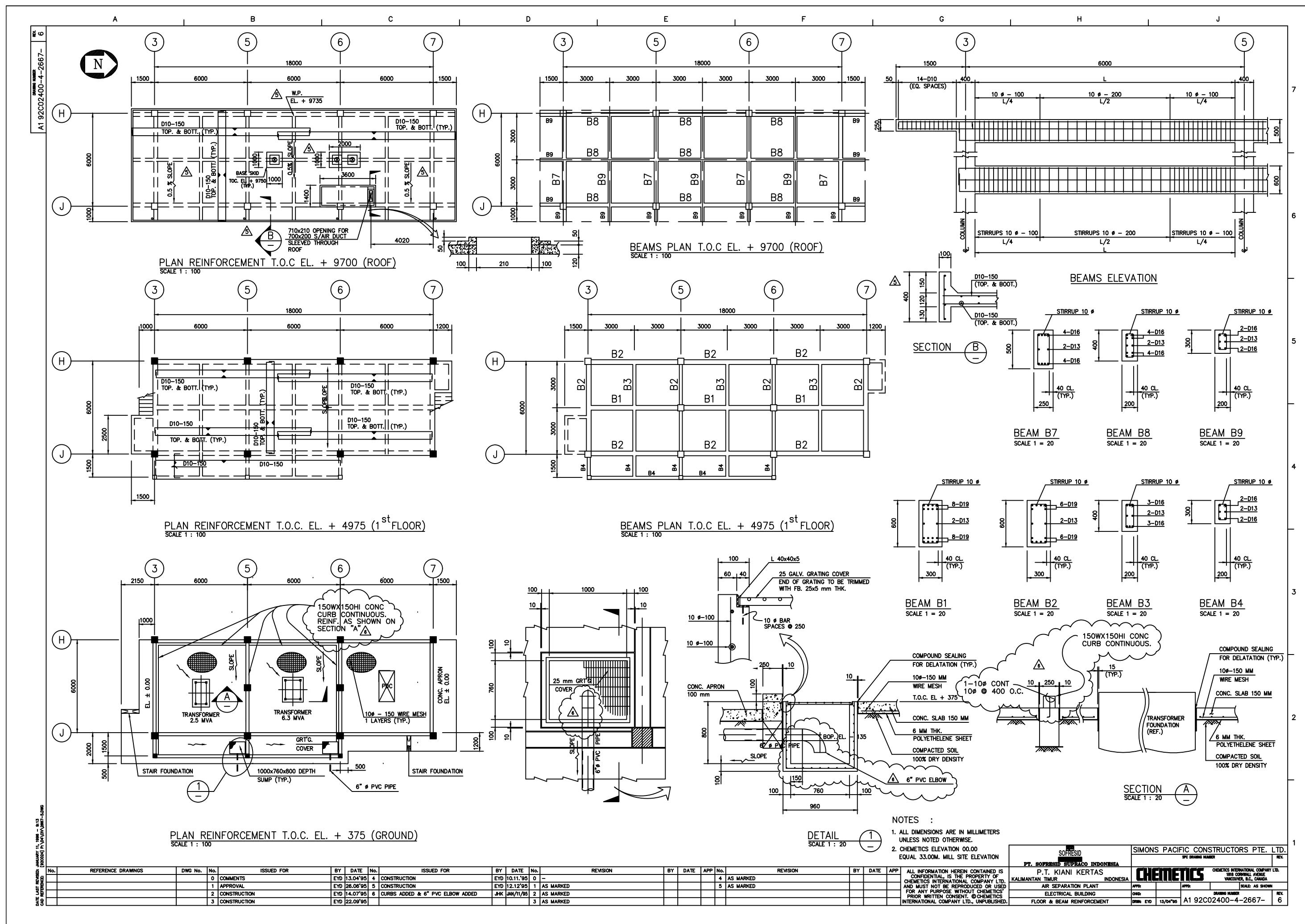


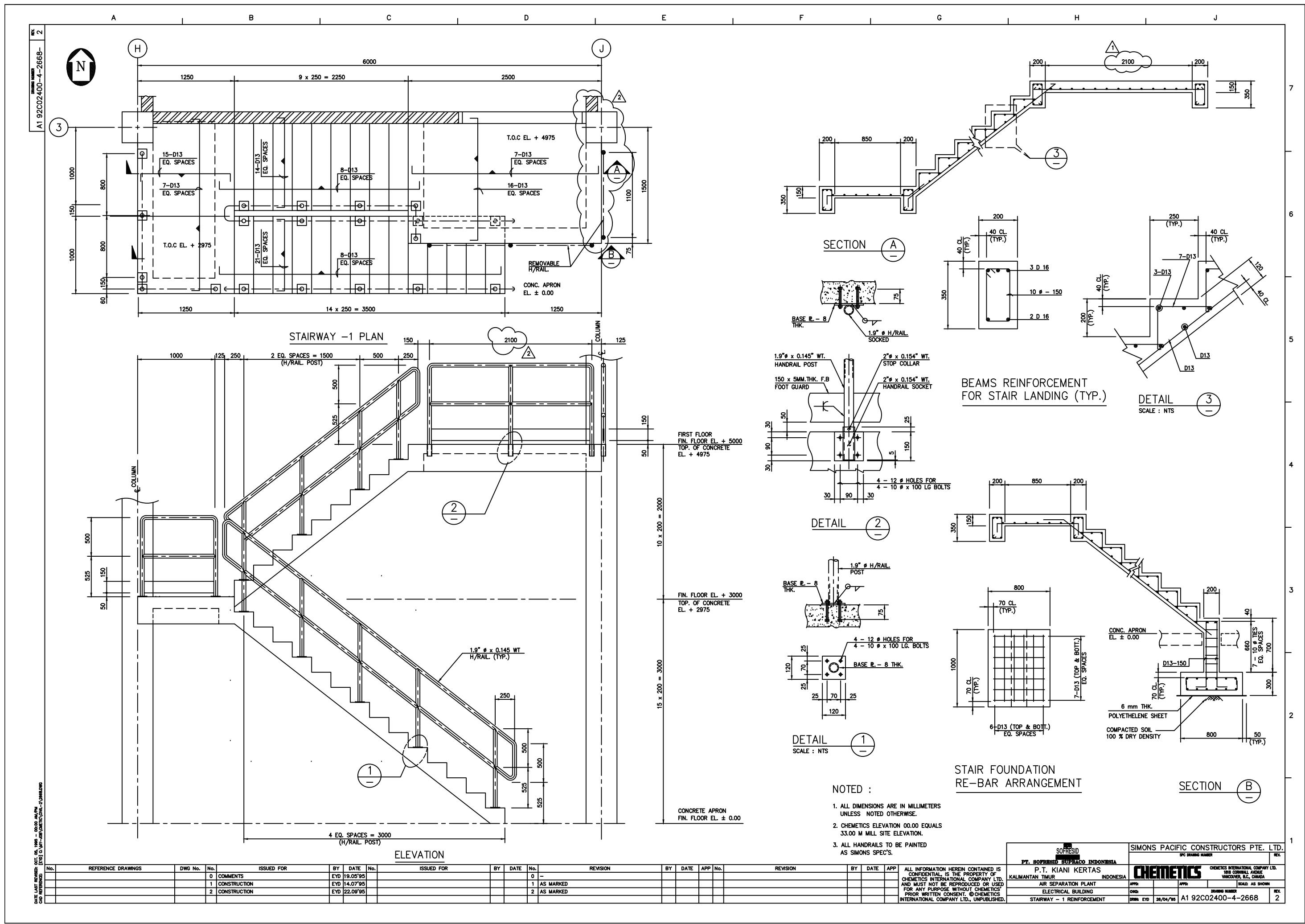


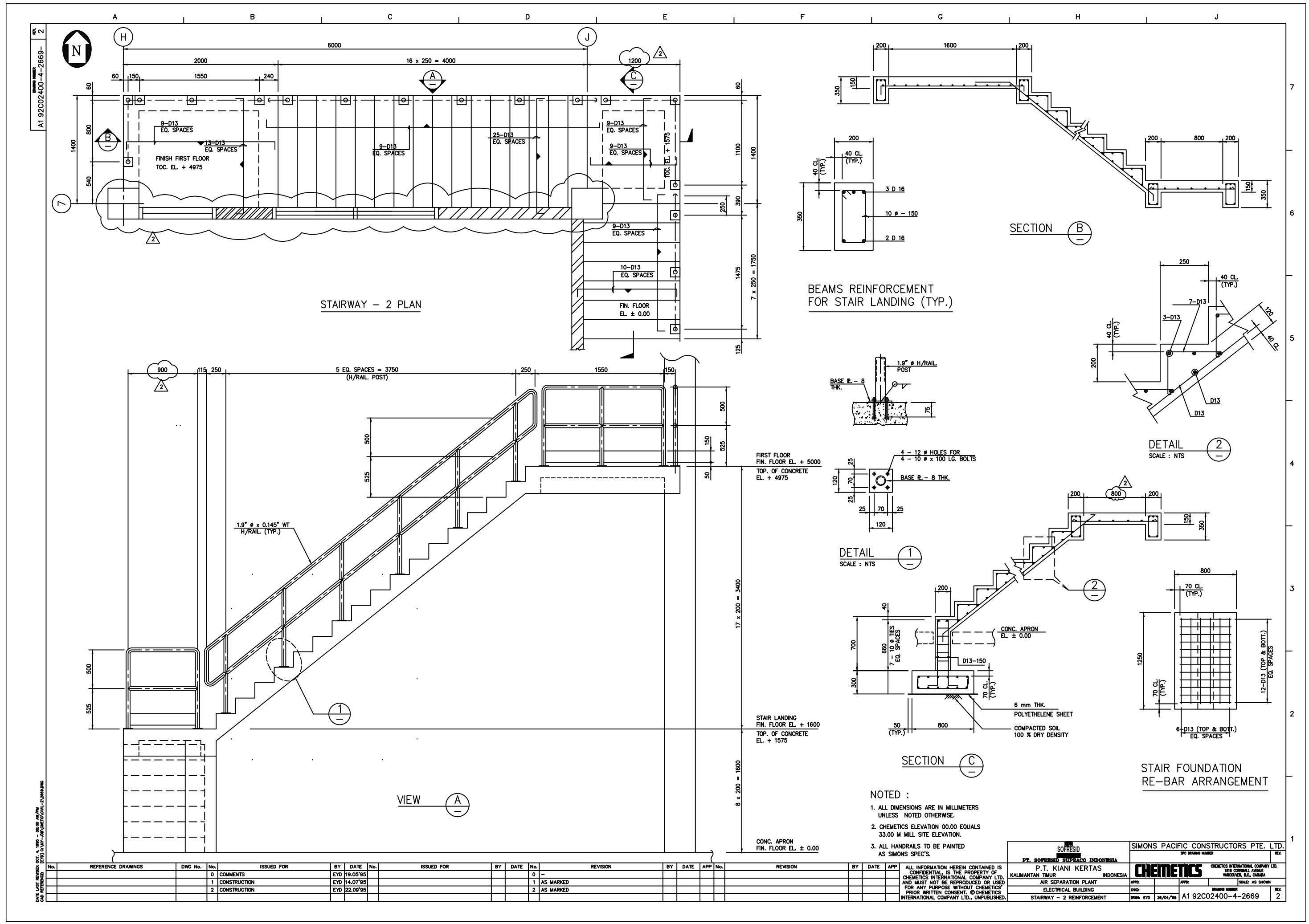


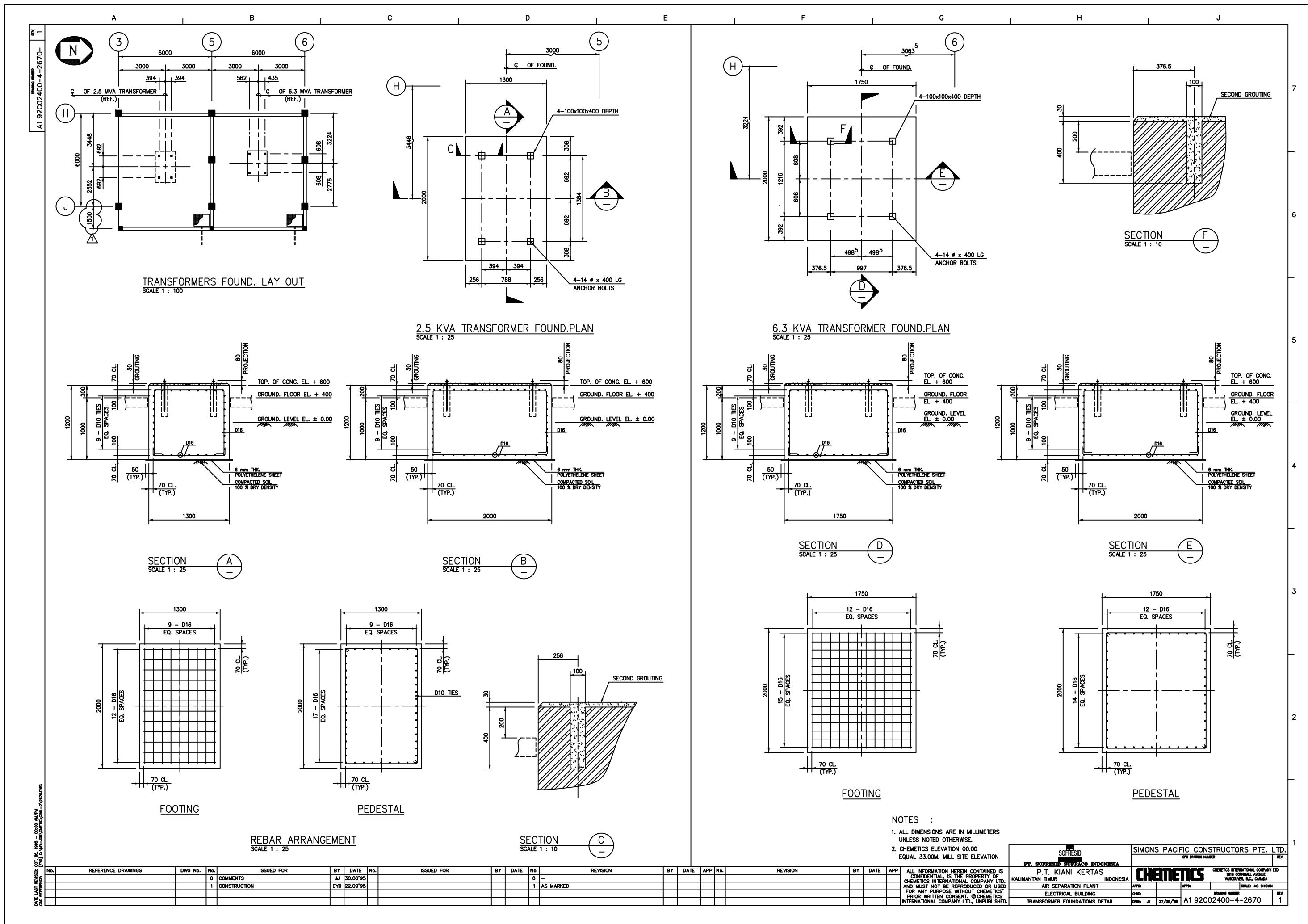


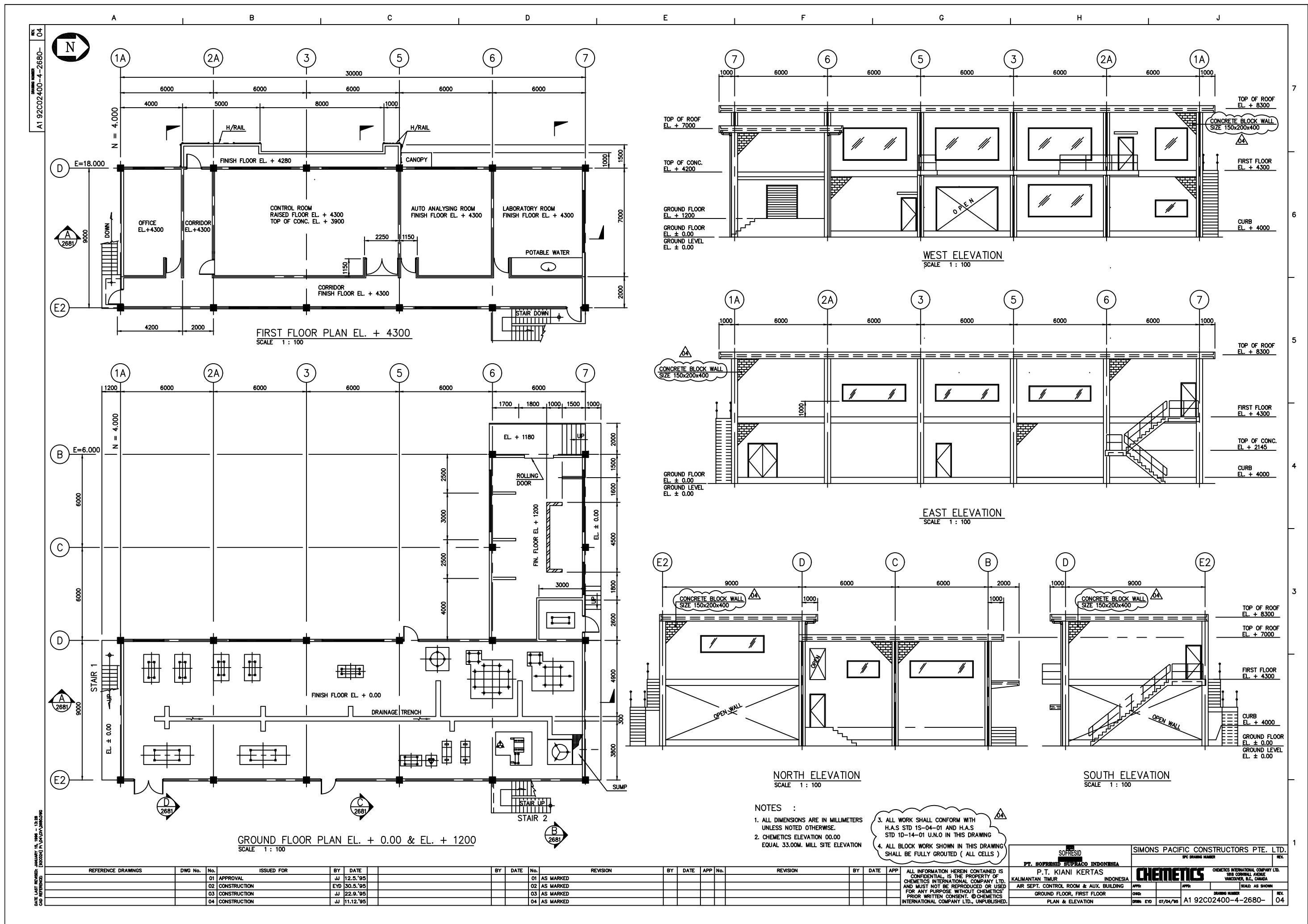


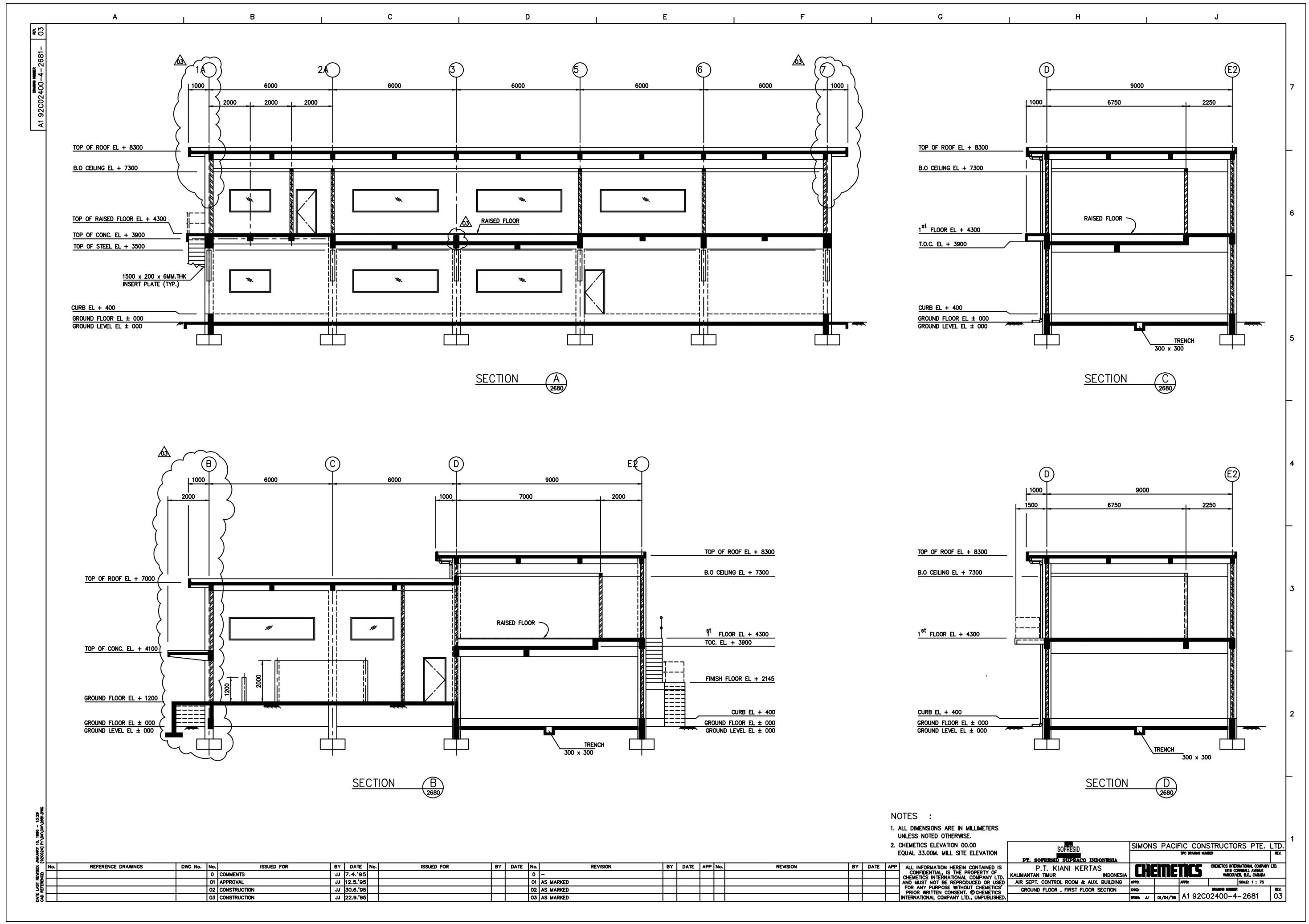


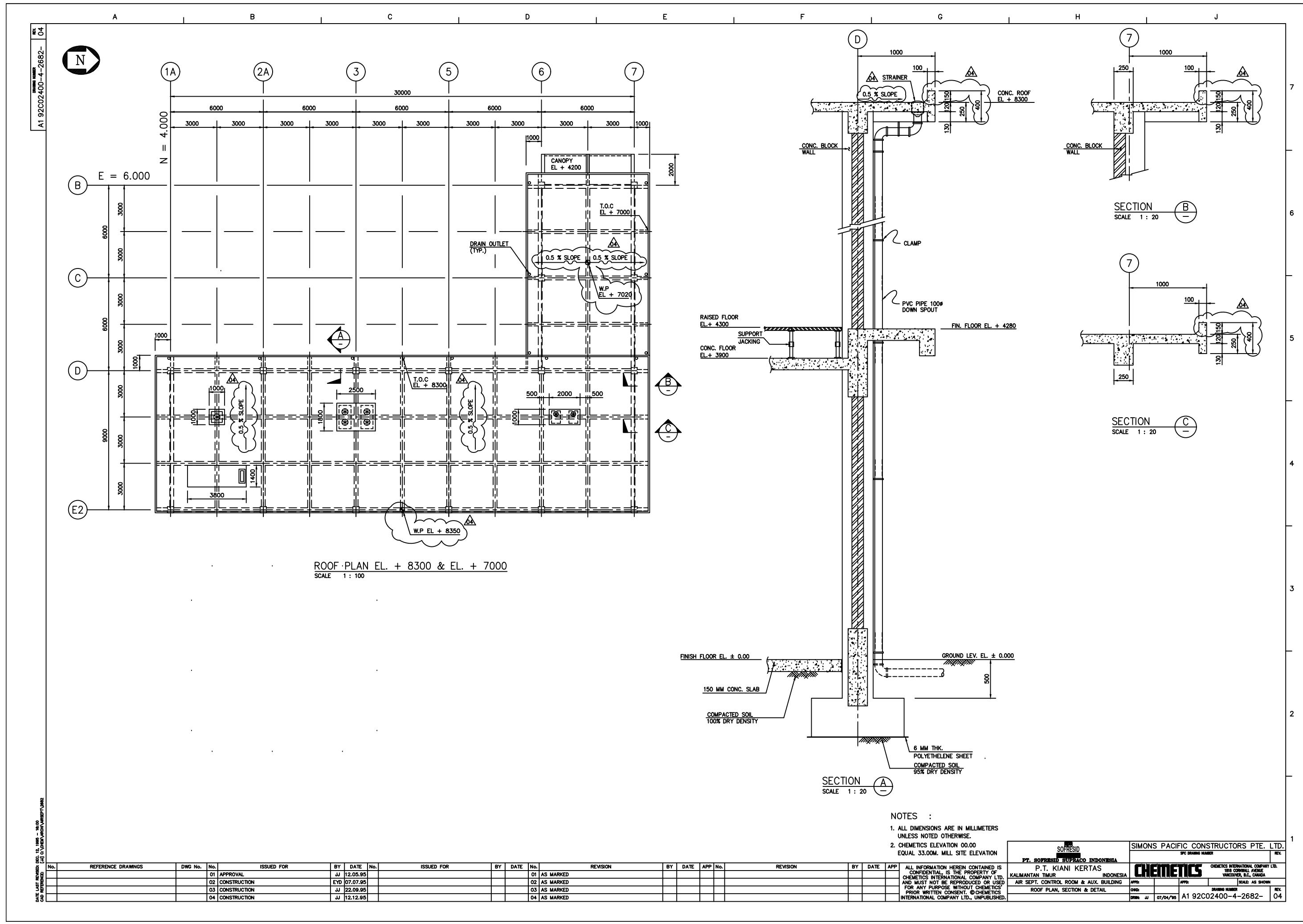


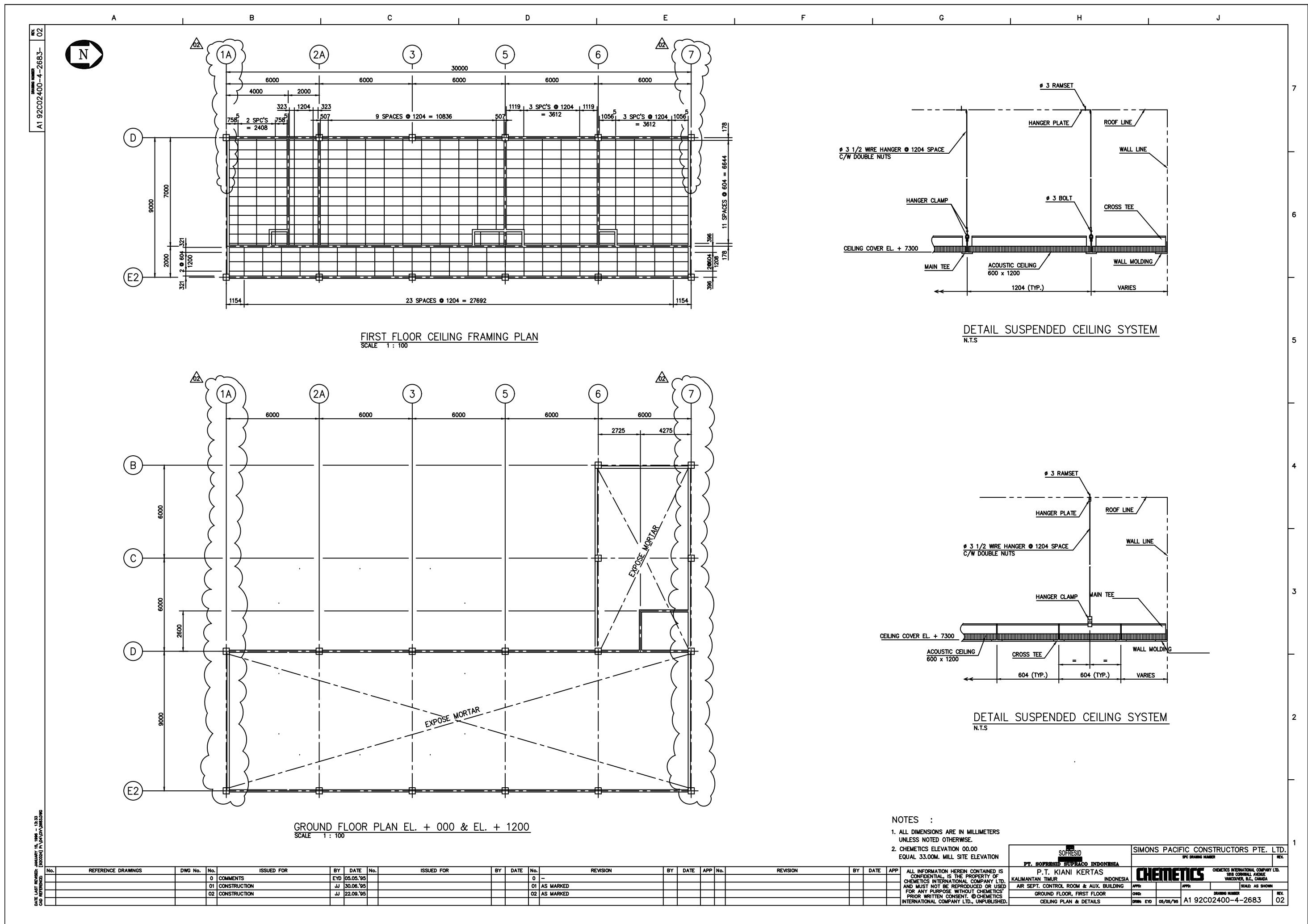


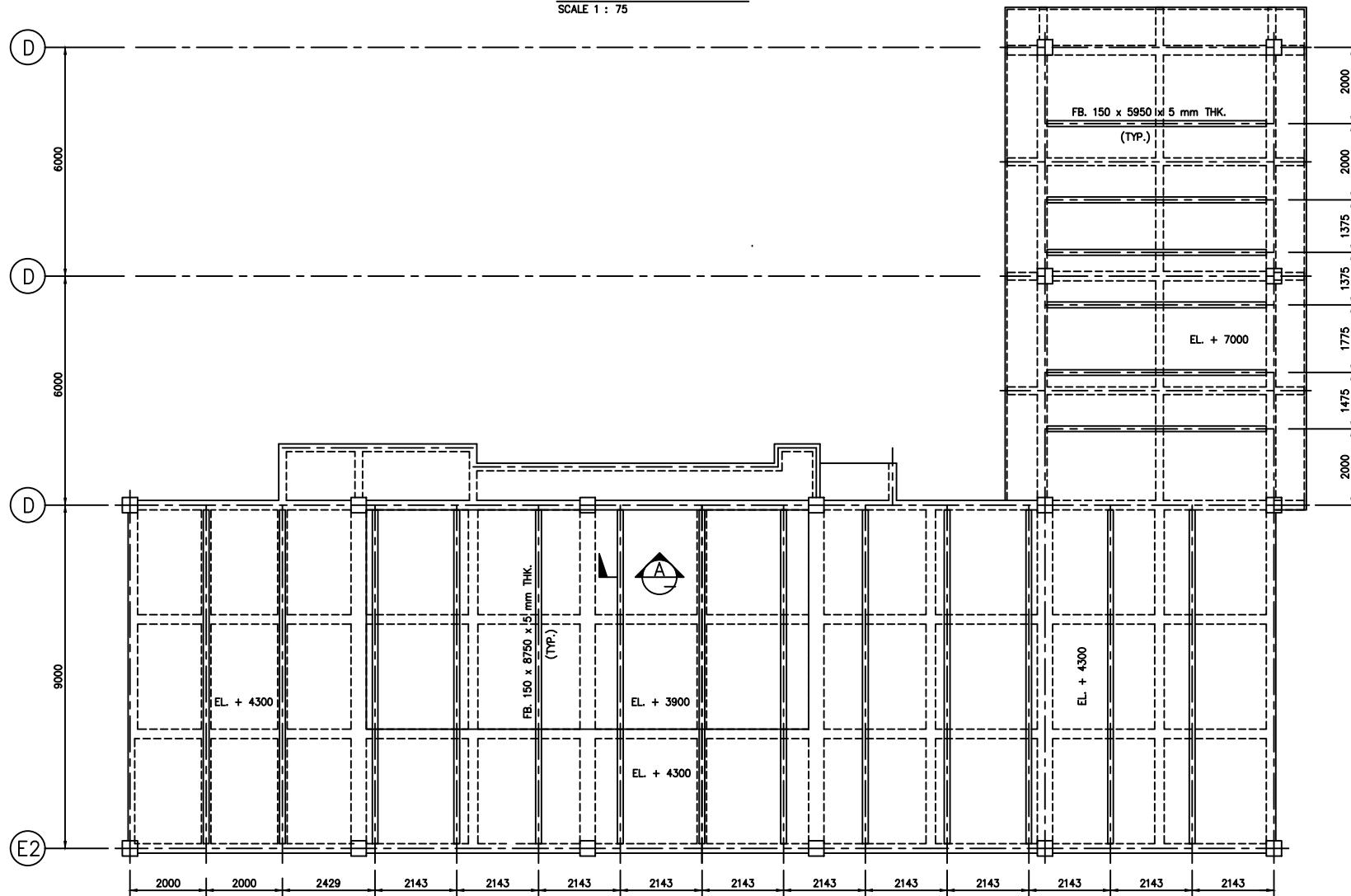
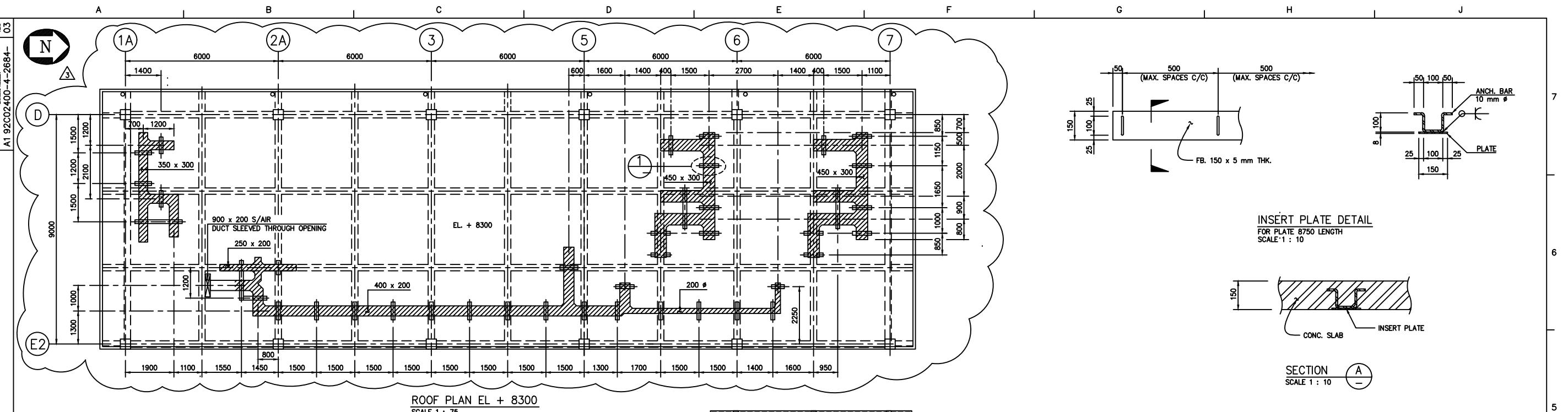












ROOF PLAN EL. + 7000  
FIRST FLOOR PLAN EL. + 4300  
SCALE 1 : 75

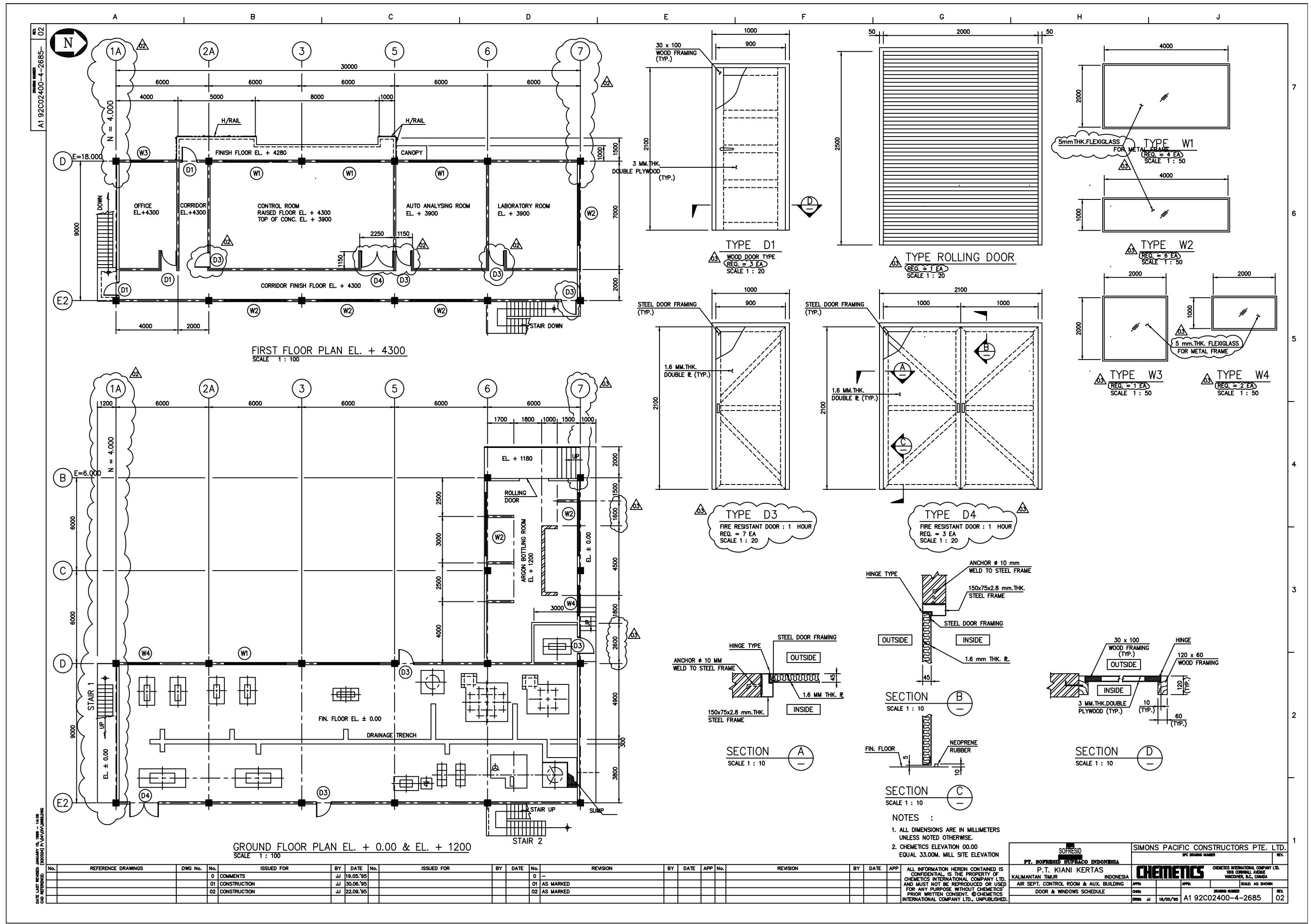
DUCTING	A
900 x 200	900
450 x 300	450
400 x 200	400
350 x 300	350
250 x 200	250
200 Ø	200

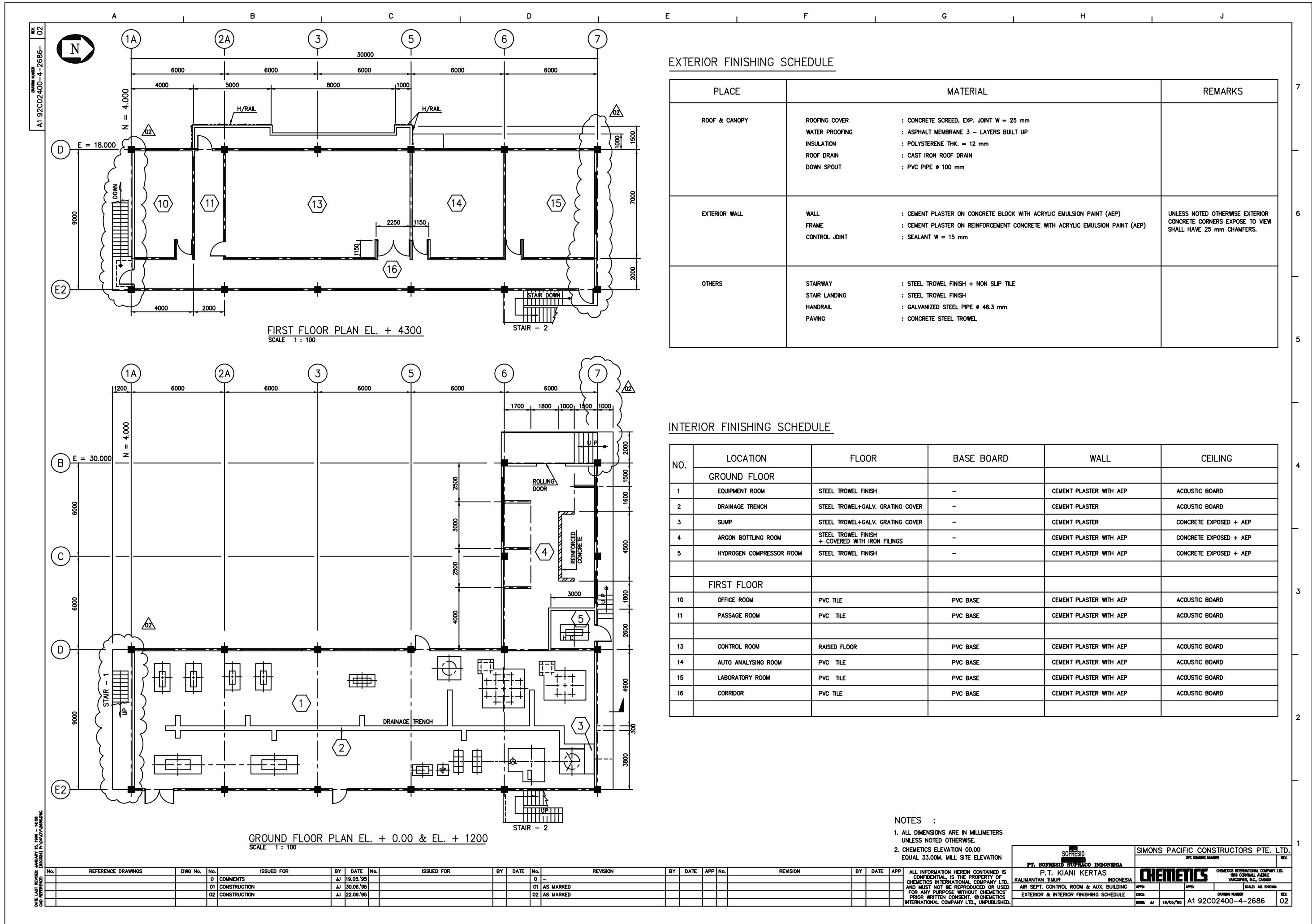
NOTES :  
1. ALL DIMENSIONS ARE IN MILLIMETERS  
UNLESS NOTED OTHERWISE.  
2. CHEMTECTS ELEVATION 00.00  
EQUAL 33.00M. MILL SITE ELEVATION

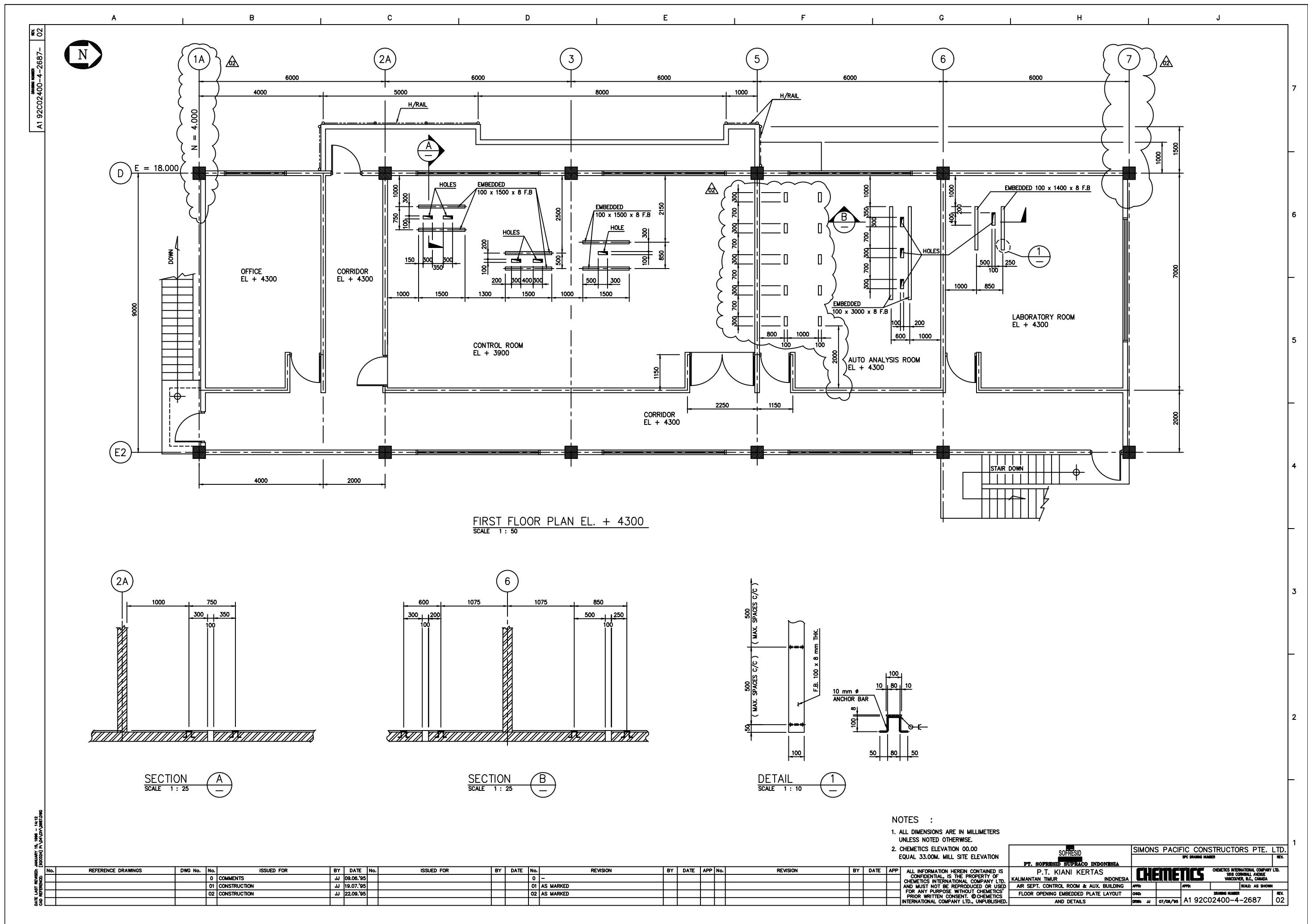
LEGEND :

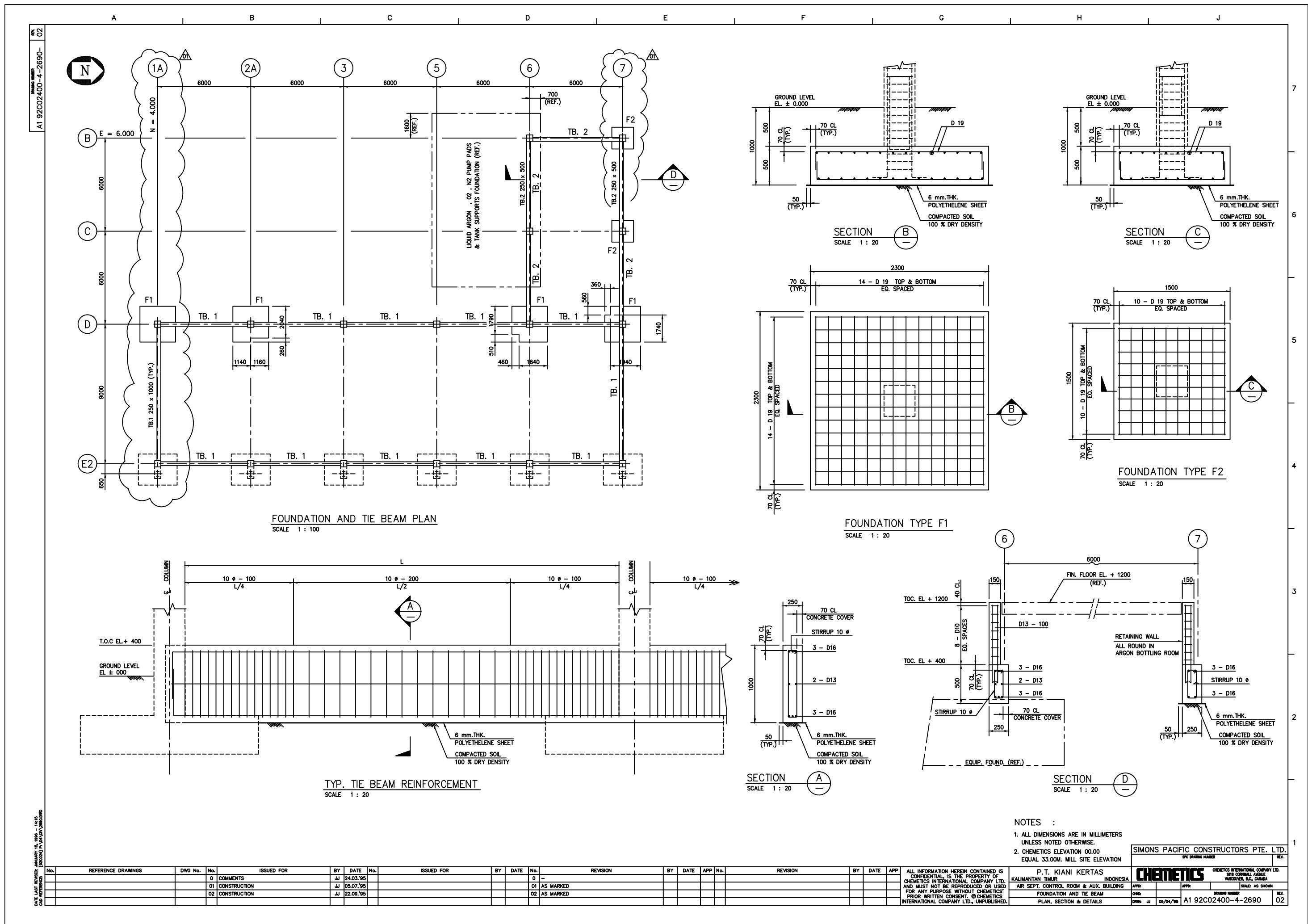
	LINE OF BEAMS
	LINE OF INSERT PLATE
	DUCTING AC

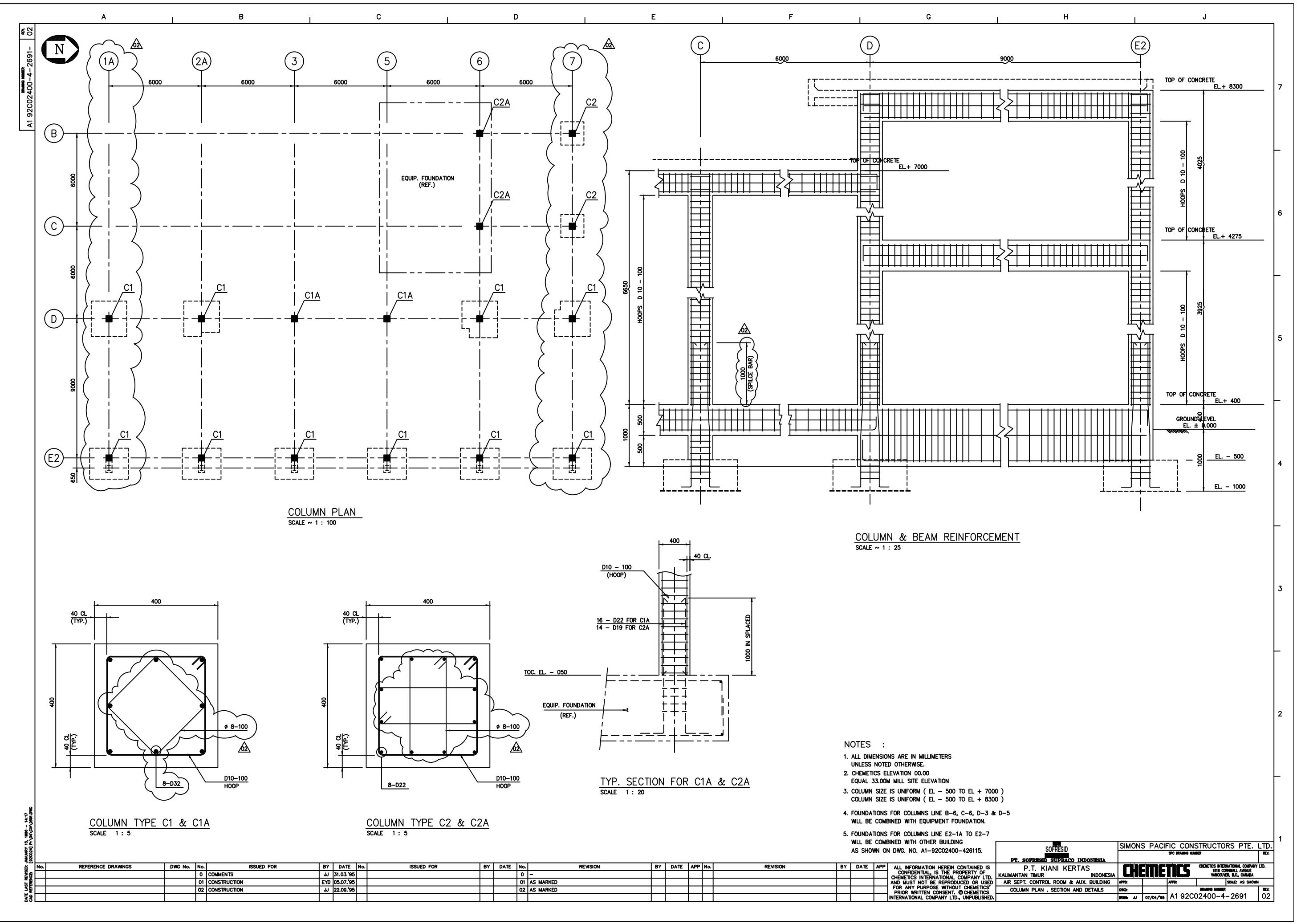
SOFRESID		SIMONS PACIFIC CONSTRUCTORS PTE. LTD.		
PT. SOFRESID SUPRACO INDONESIA		SPC DRAWING NUMBER REV.		
P.T. KIANI KERTAS KALIMANTAN TIMUR INDONESIA		<b>CHEMTECTS</b> CHEMTECTS INTERNATIONAL COMPANY LTD. 1855 CORNWALL AVENUE VANCOUVER, B.C. CANADA		
AIR SEPT. CONTR. ROOM & AUX. BUILDING		APP:	APP:	SCALE AS SHOWN
INSERT PLATE LAYOUT & DETAIL		DRW:	DRAWING NUMBER	REV.
		DRW:	EYD 09/06/95 A1 92C02400-4-2684-	03

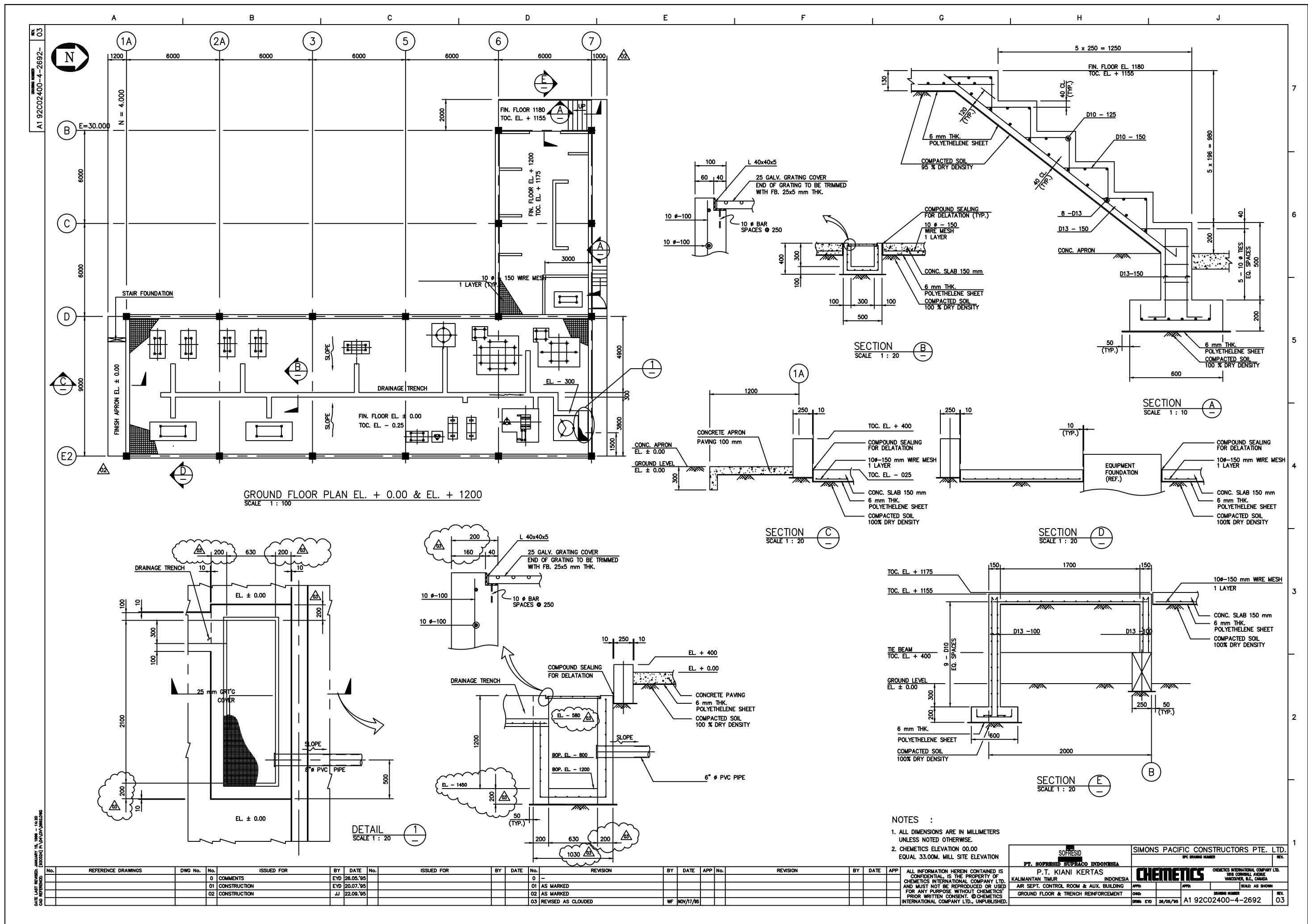


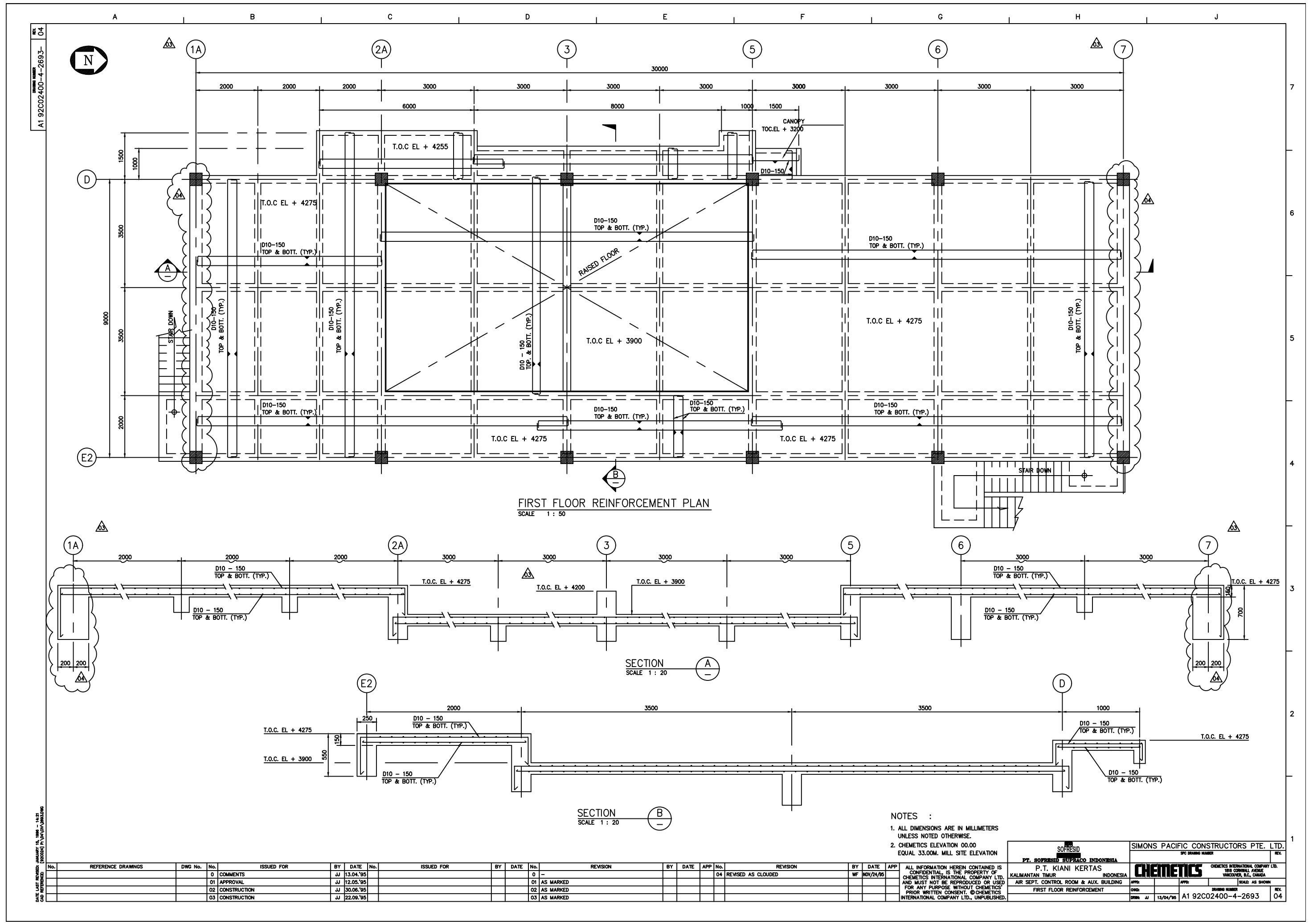


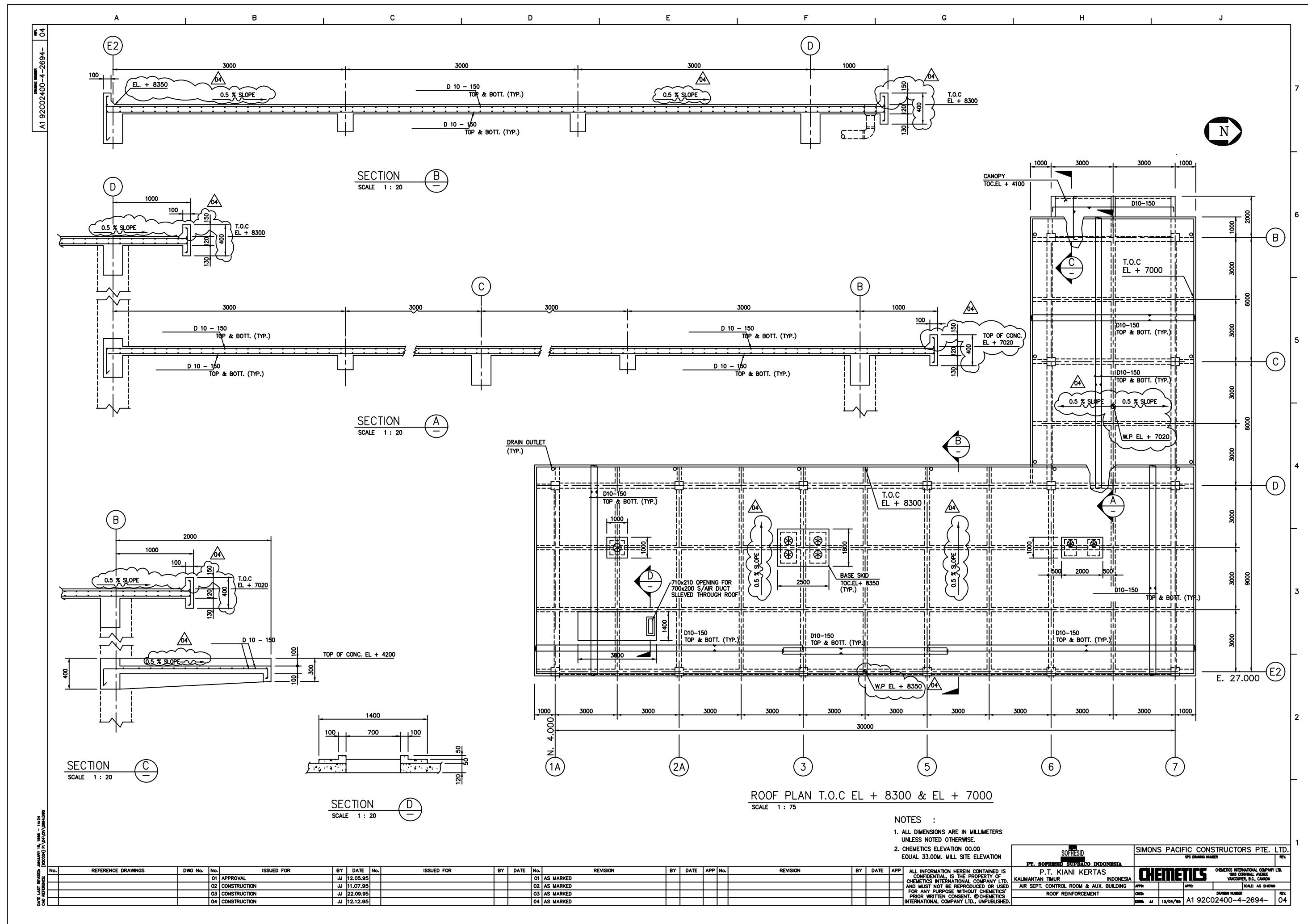


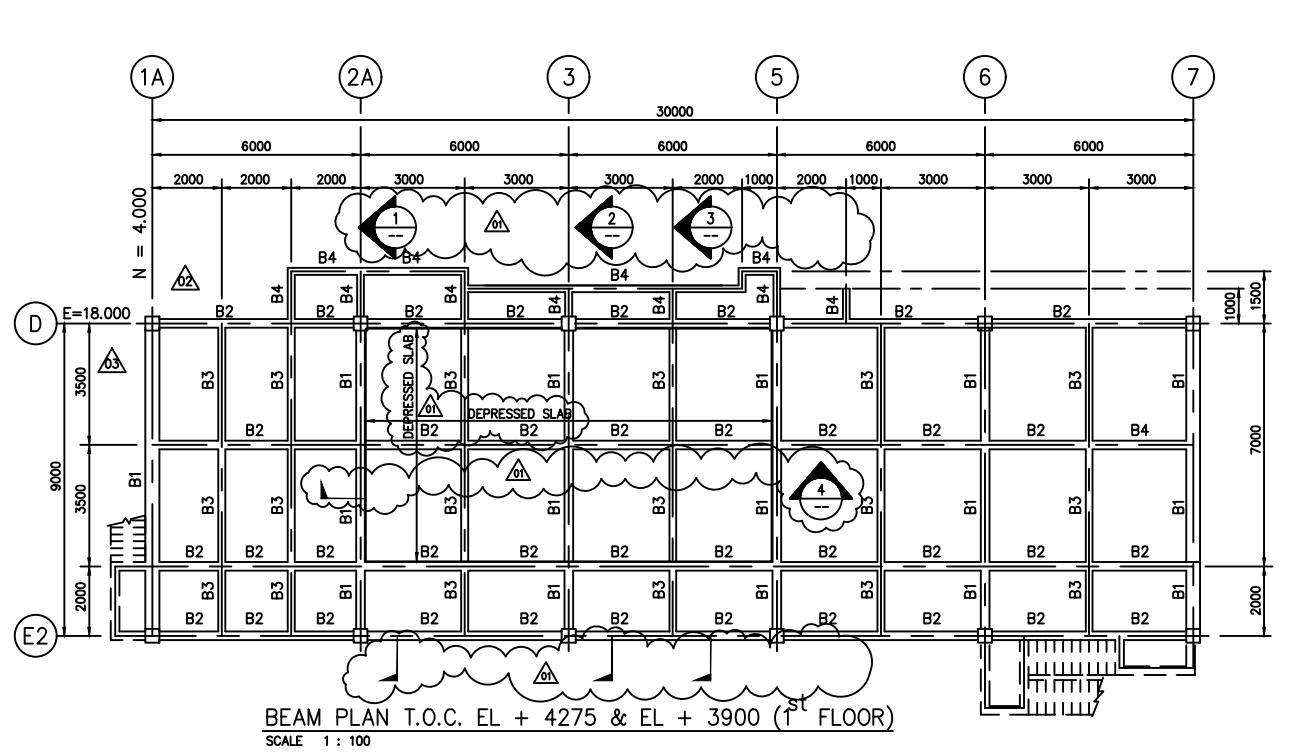






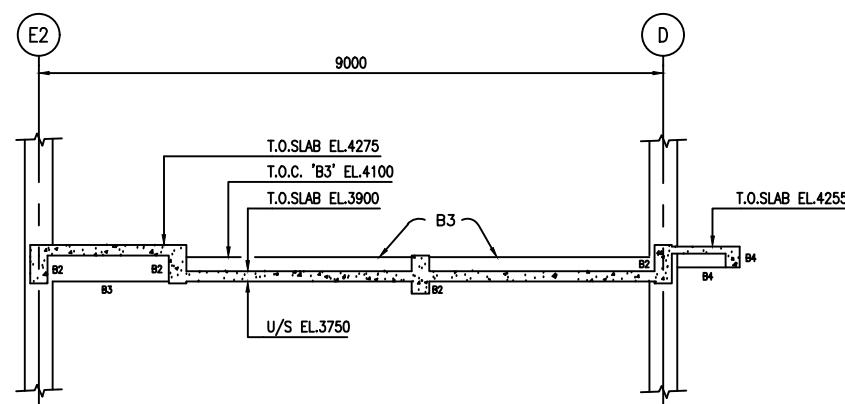






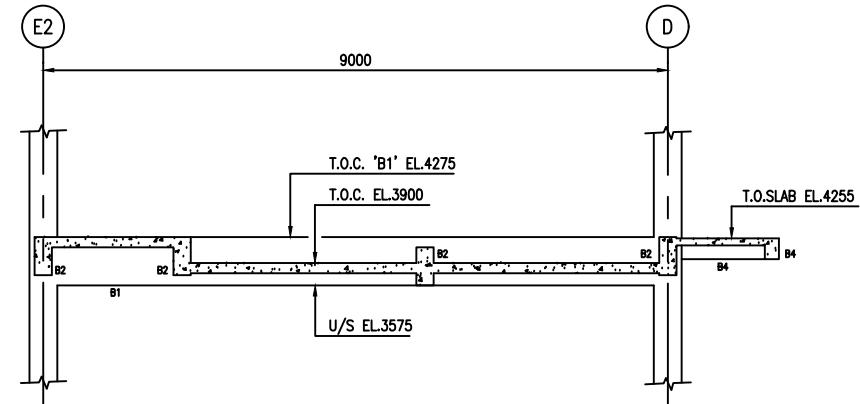
BEAM PLAN T.O.C. EL + 4275 & EL + 3900 (1<sup>st</sup> FLOOR)  
SCALE 1 : 100

SCALE 1 : 1



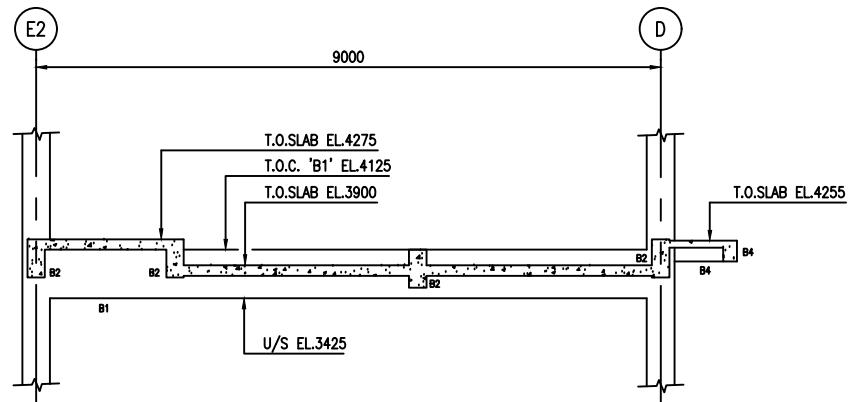
3 BEAM 'B3' ELEVATION AT DEPRESSED SLAB

01



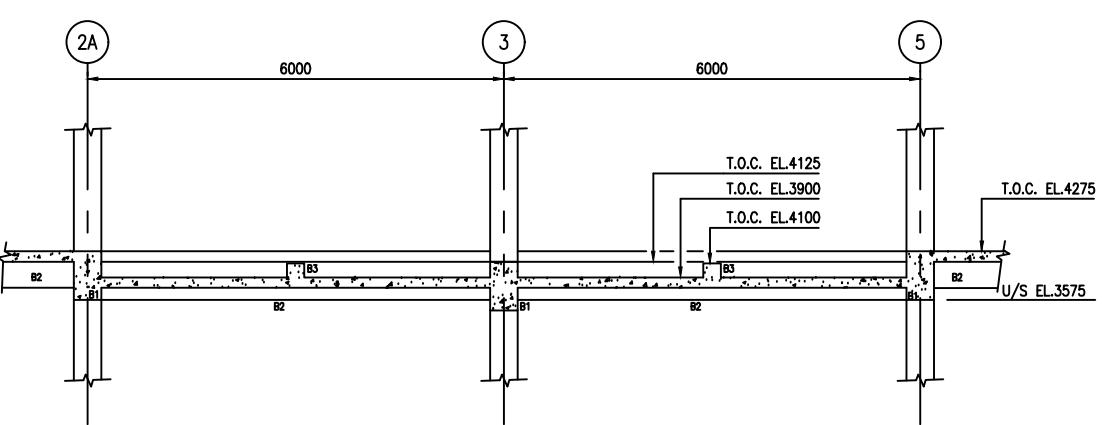
1 BEAM 'B1' ELEVATION @ BAYLINES '2A' & '5'

4



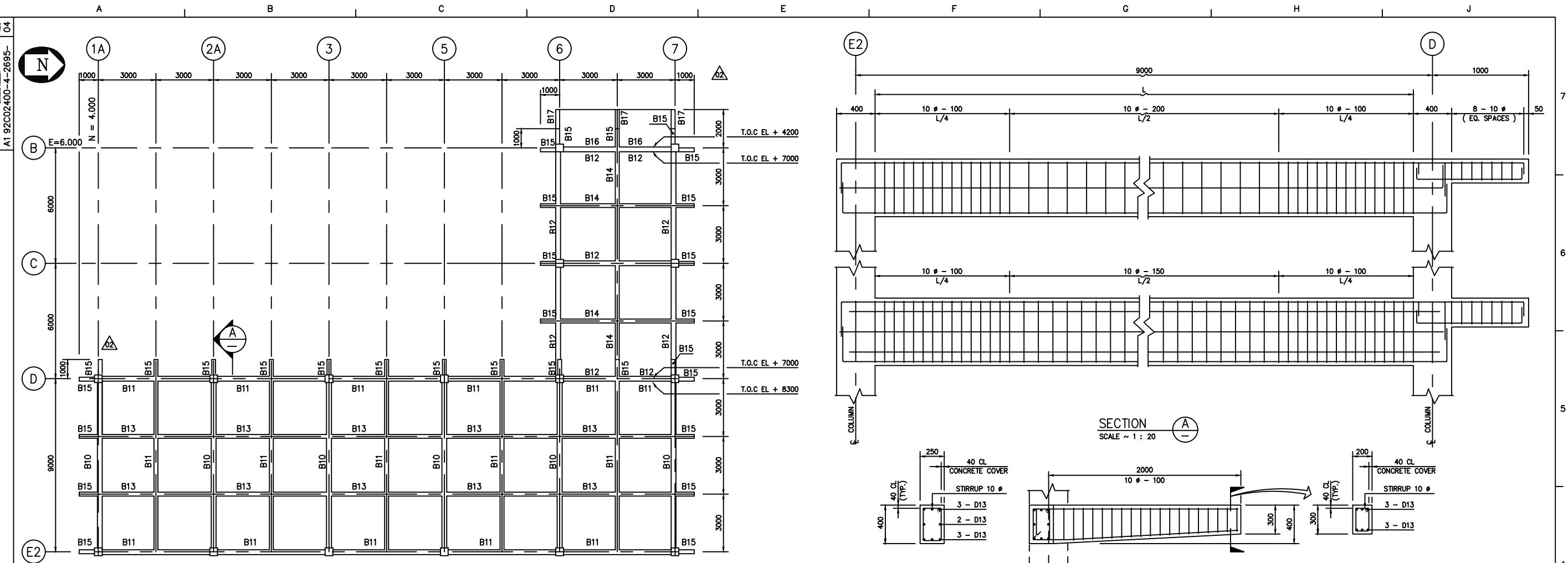
2 BEAM 'B1' ELEVATION @ BAYLINES '3'

01



**4 BEAM 'B2' ELEVATION AT DEPRESSED SLAB**

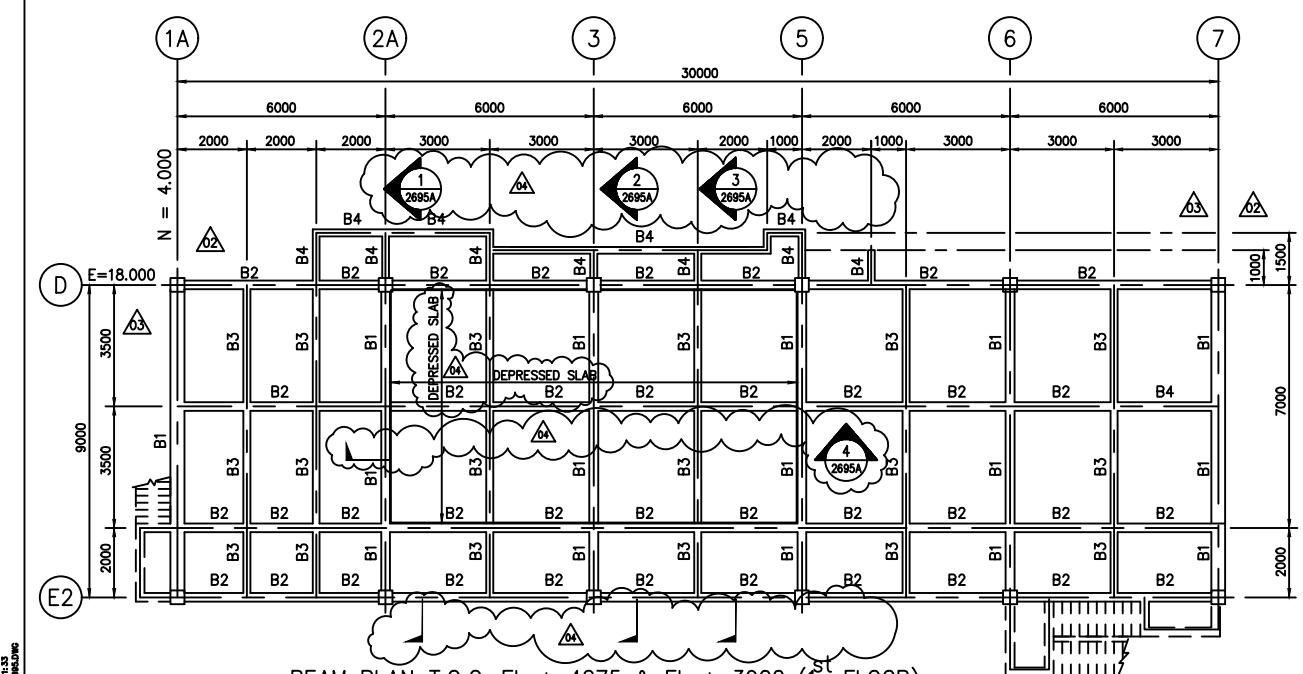
01



BEAM PLAN T.O.C. EL + 8300 & EL + 7000 (ROOF)

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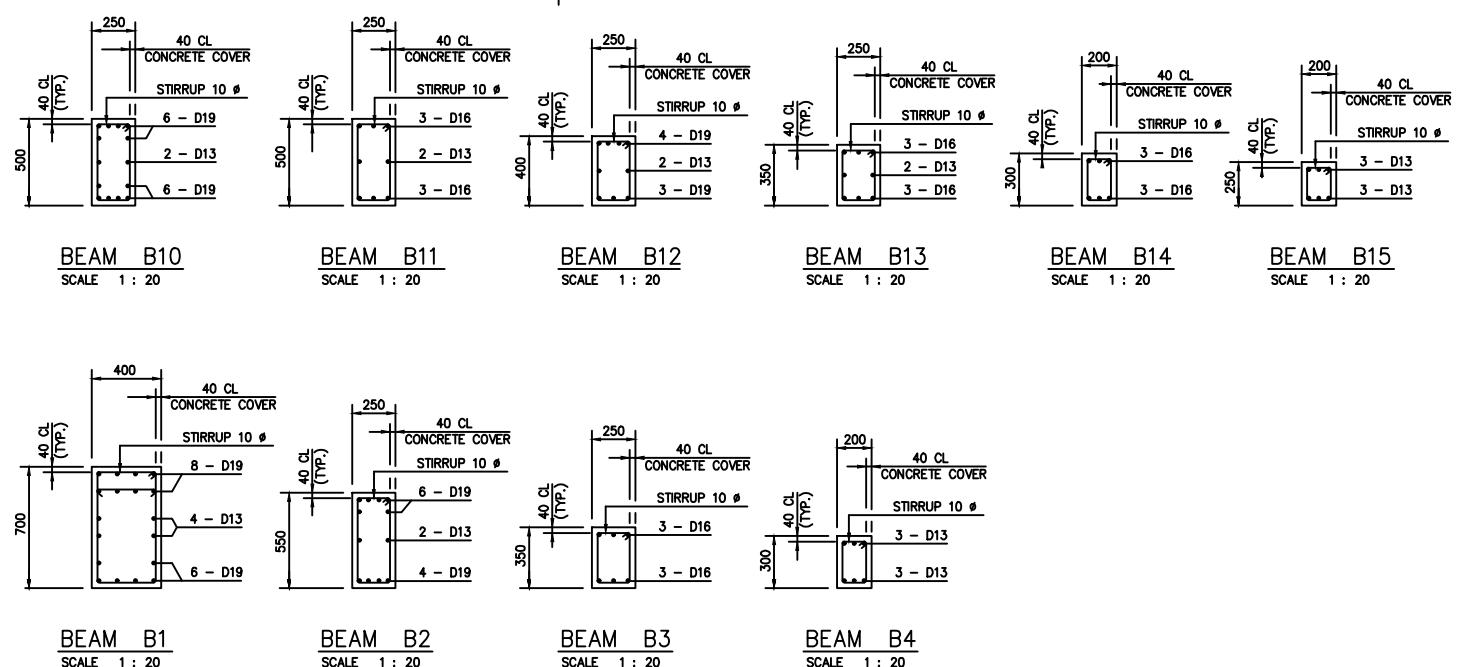
SCALE 1 : 100



BEAM PLAN T.O.C. EL + 4275 & EL + 3900 (1<sup>st</sup> FLOOR)

---

SCALE 1 : 10



NOTES :

- NOTES :**

1. ALL DIMENSIONS ARE IN MILLIMETERS  
UNLESS NOTED OTHERWISE.

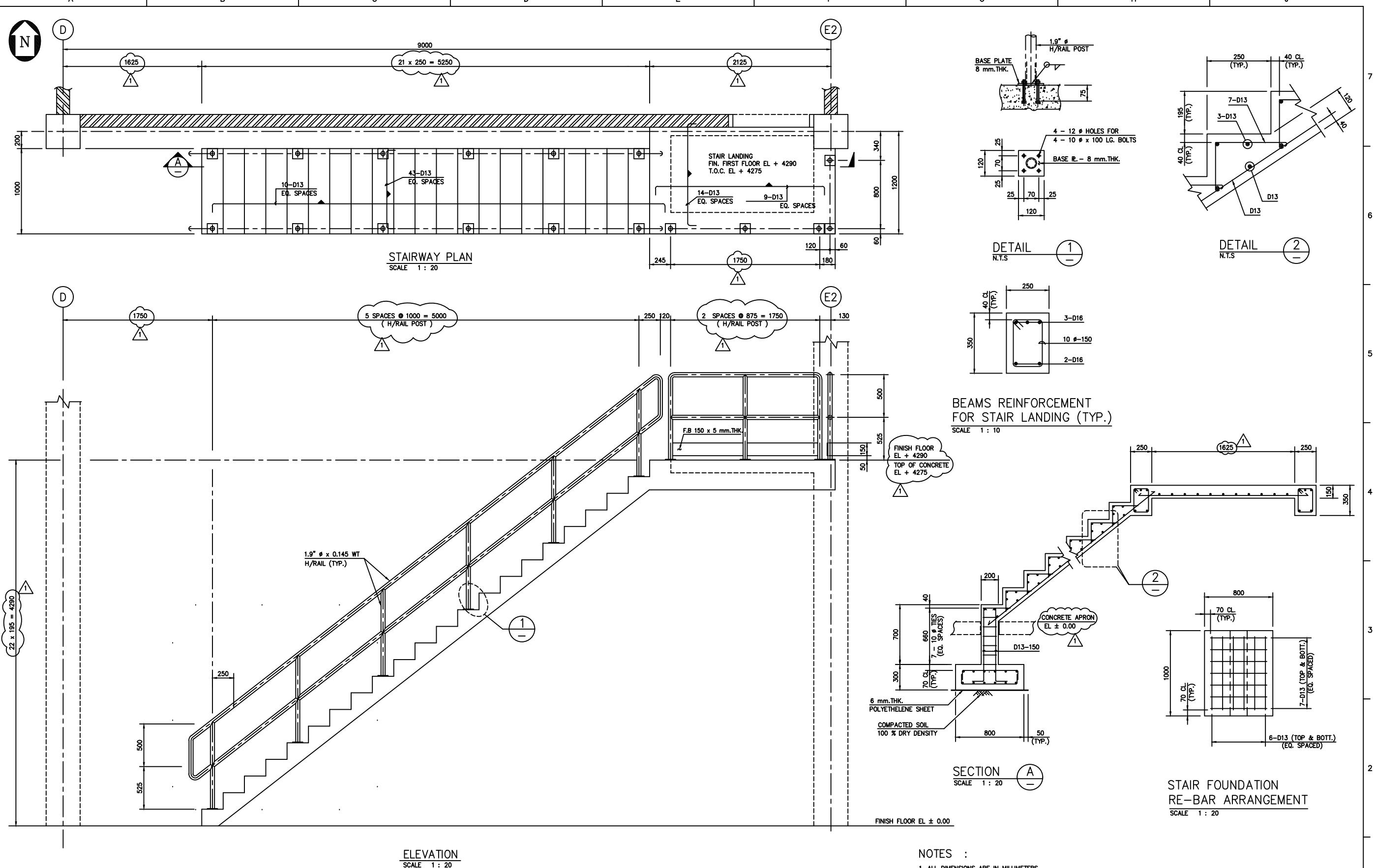
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			01	CONSTRUCTION	JJ	14.07.'95					01	AS MARKED
			02	CONSTRUCTION	JJ	22.09.'95					02	AS MARKED
											03	REVISED AS CLODED

I	BY	DATE	APP	No.	REVISION	BY	DATE	AP
				04	REVISED AS CLOUDED	WF	FEB/12/96	
	WF	NOV/23/95						

EQUAL 33.00M. MILL SITE ELEVATION

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SOFRESID		SIMONS PACIFIC CONSTRUCTORS PTE. LTD.		
PT. SOFRESID SUPRECO INDONESIA		SPC DRAWING NUMBER		
P.T. KIANI KERTAS MANTAN TIMUR INDONESIA		CHEMETICS INTERNATIONAL COMPANY LTD. 1818 CORNWALL AVENUE VANCOUVER, B.C., CANADA		
R SEPT. CONTROL ROOM & AUX. BUILDING BEAMS REINFORCEMENT		 <b>CHEMETICS</b> DRAW. JU 24/05/95 A1 92C02400-4-2695		
APP:	APP:	SCALE AS SHOWN	REV.	04
ORD:		DRAWING NUMBER	REV.	

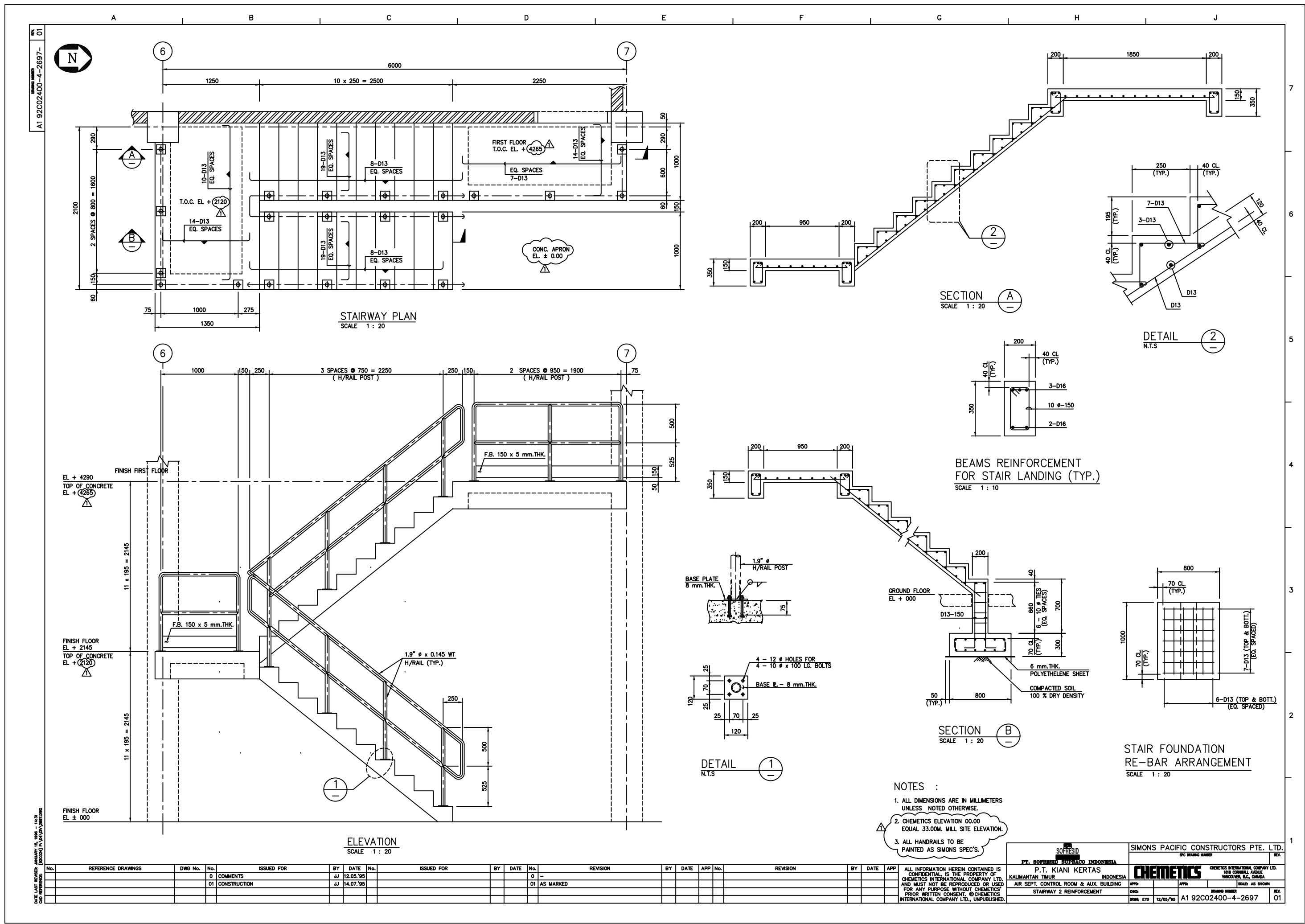


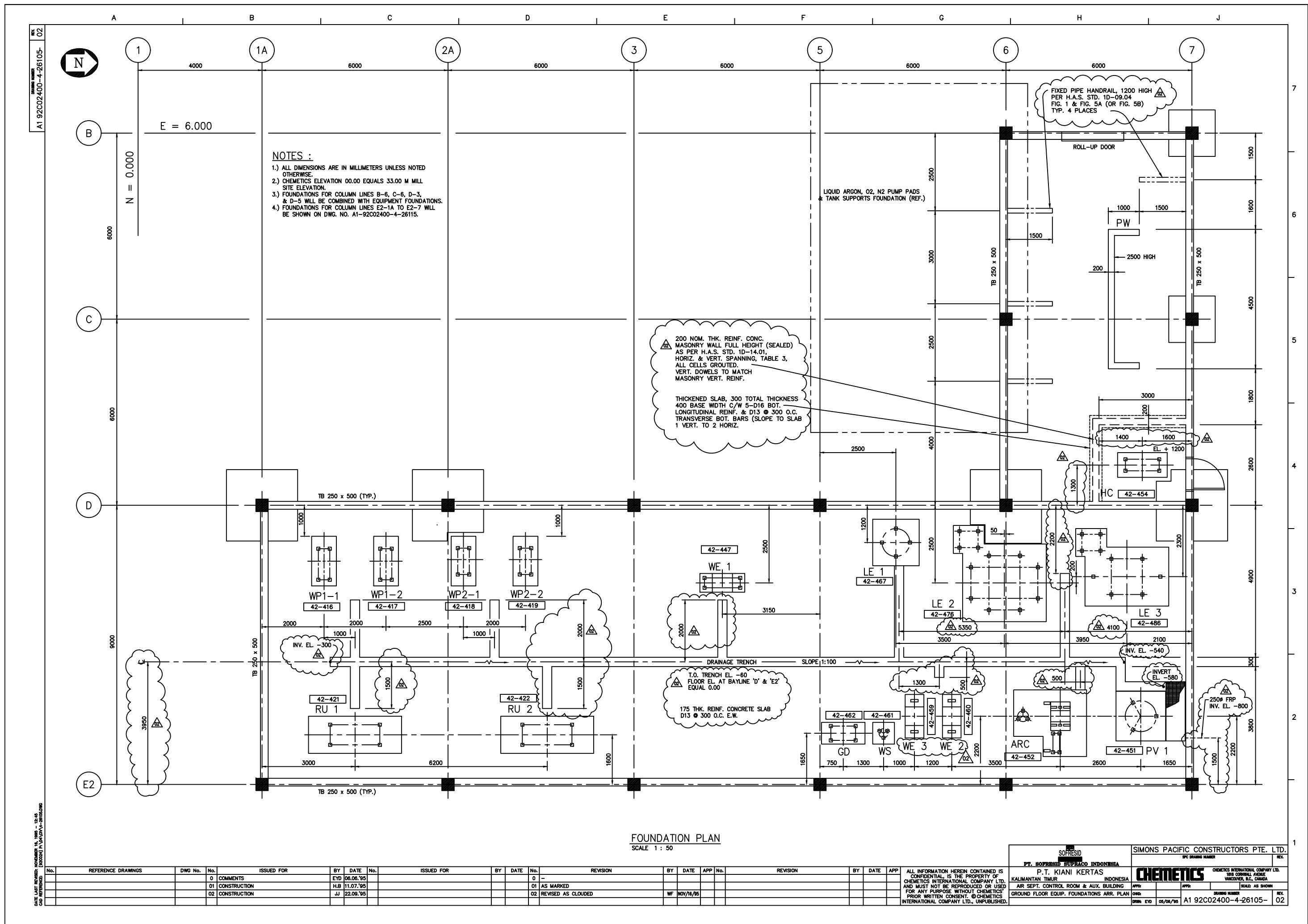
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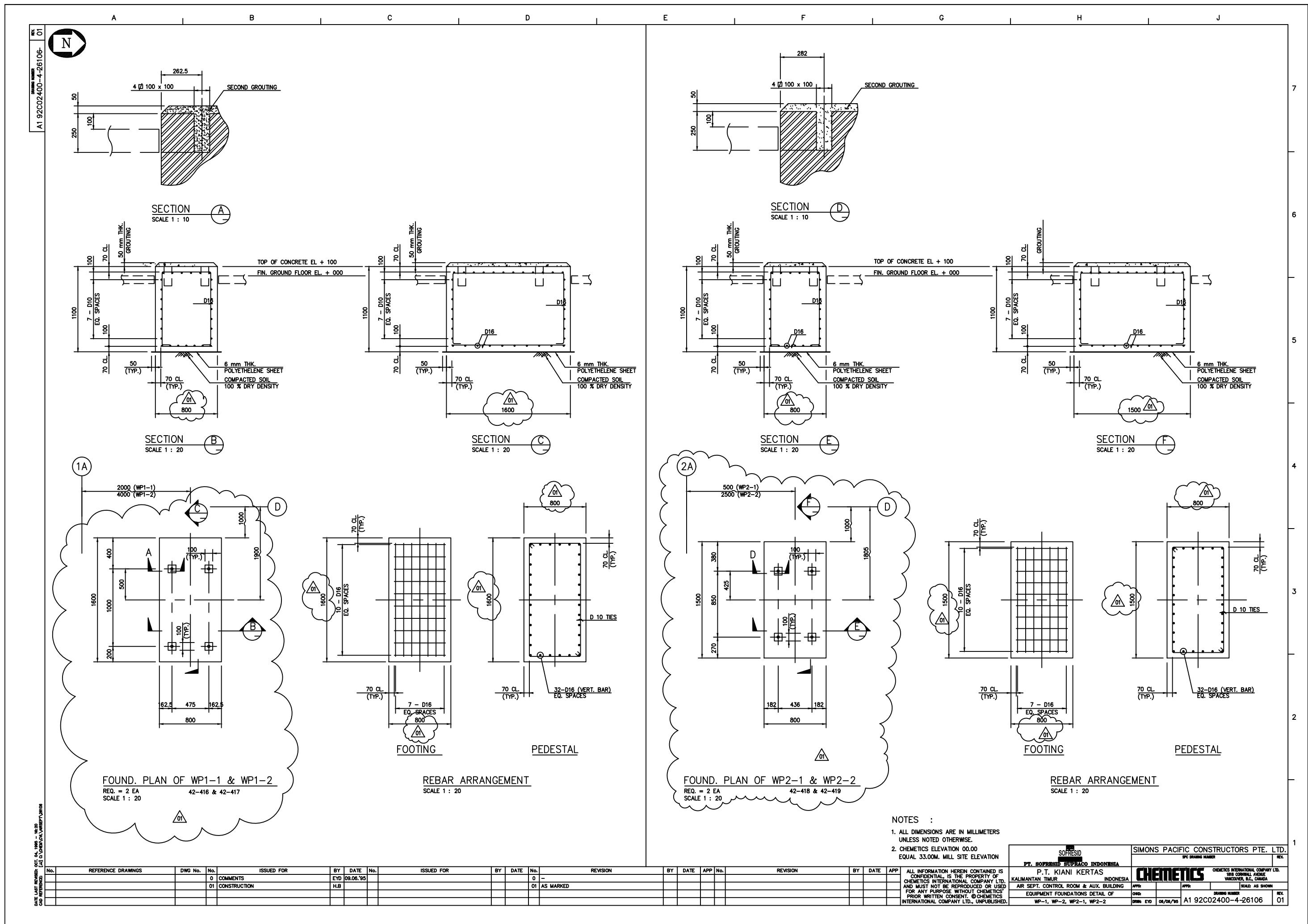
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
  2. CHEMTECS ELEVATION 00.00 EQUAL 33.00M. MILL SITE ELEVATION
  3. ALL HANDRAILS TO BE PAINTED AS SIMONS SPEC'S.

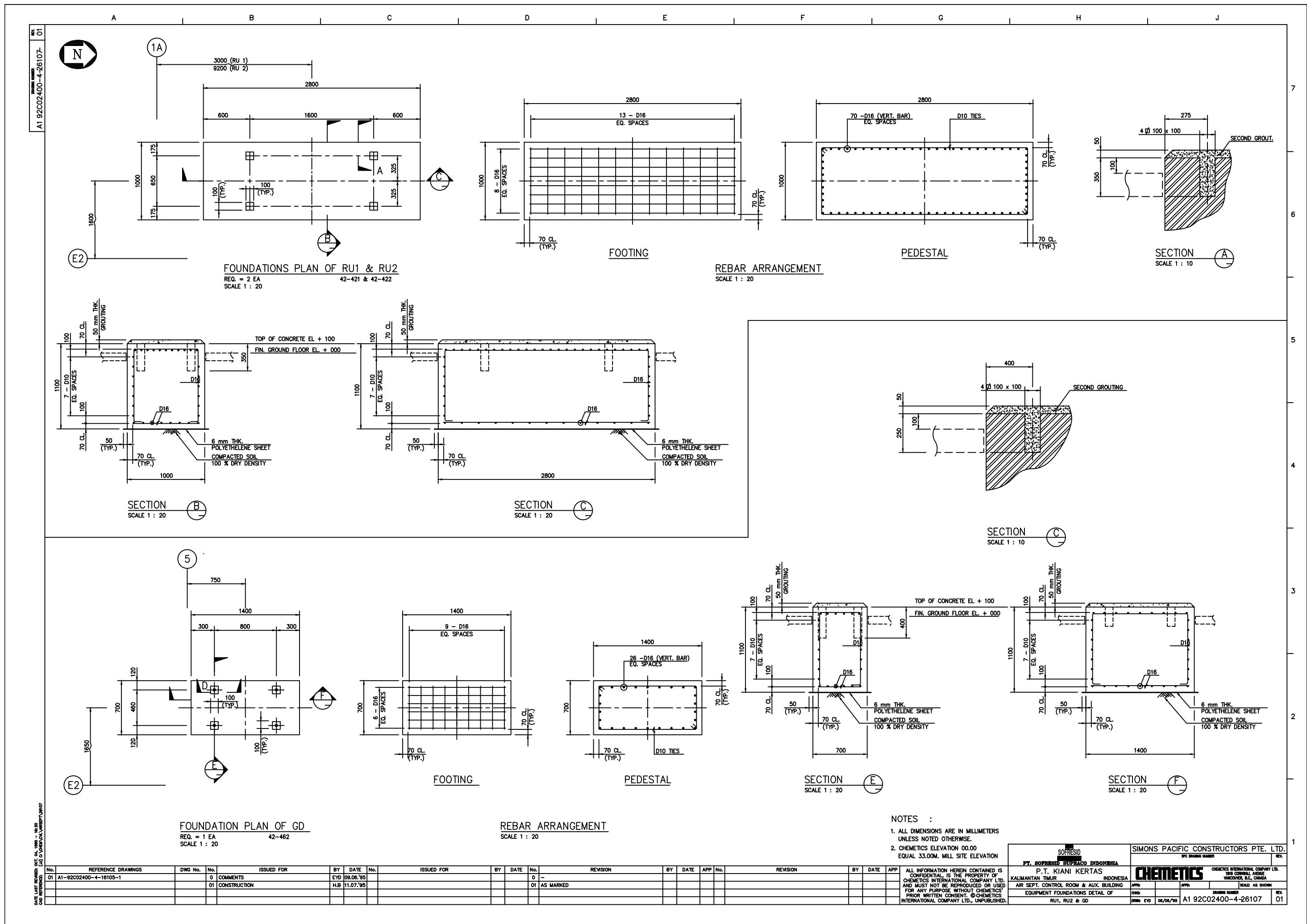
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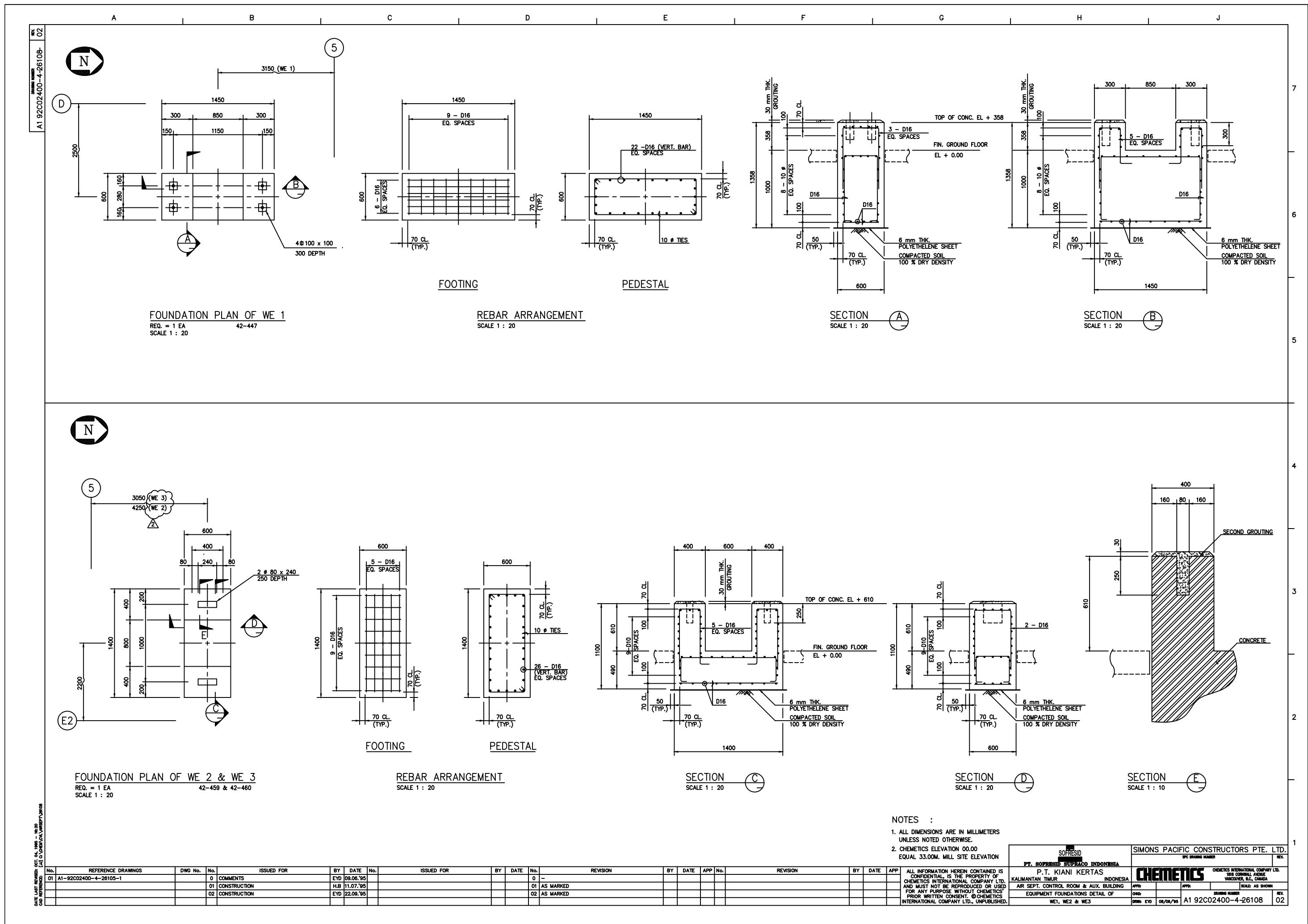
3. ALL HANDRAILS TO BE PAINTED AS SIMONS SPEC'S.						SOFRESID	SIMONS PACIFIC CONSTRUCTORS PTE. LTD.		
							SFC DRAWING NUMBER	REV.	
BY	DATE	APP	No.	REVISION	BY	DATE	APP	PT. SOFRESID SUPRACO INDONESIA	
								P.T. KIANI KERTAS	KALIMANTAN TIMUR
								INDONESIA	
				ALL INFORMATION HEREIN CONTAINED IS CONFIDENTIAL - IS THE PROPERTY OF CHEMTECTICS INTERNATIONAL COMPANY LTD. AND MUST NOT BE REPRODUCED OR USED FOR ANY PURPOSE WITHOUT CHEMTECTICS' PRIOR WRITTEN CONSENT. © CHEMTECTICS INTERNATIONAL COMPANY LTD., UNPUBLISHED.					
				AIR SEPT. CONTROL ROOM & AUX. BUILDING	APPR:	APPR:	SCALE:	AS SHOWN	
				STAIRWAY 1 REINFORCEMENT	DRW:	DRW:	DRAWING NUMBER		
					DRW:	JJ	12/05/96	A1 92C02400-4-2696	01



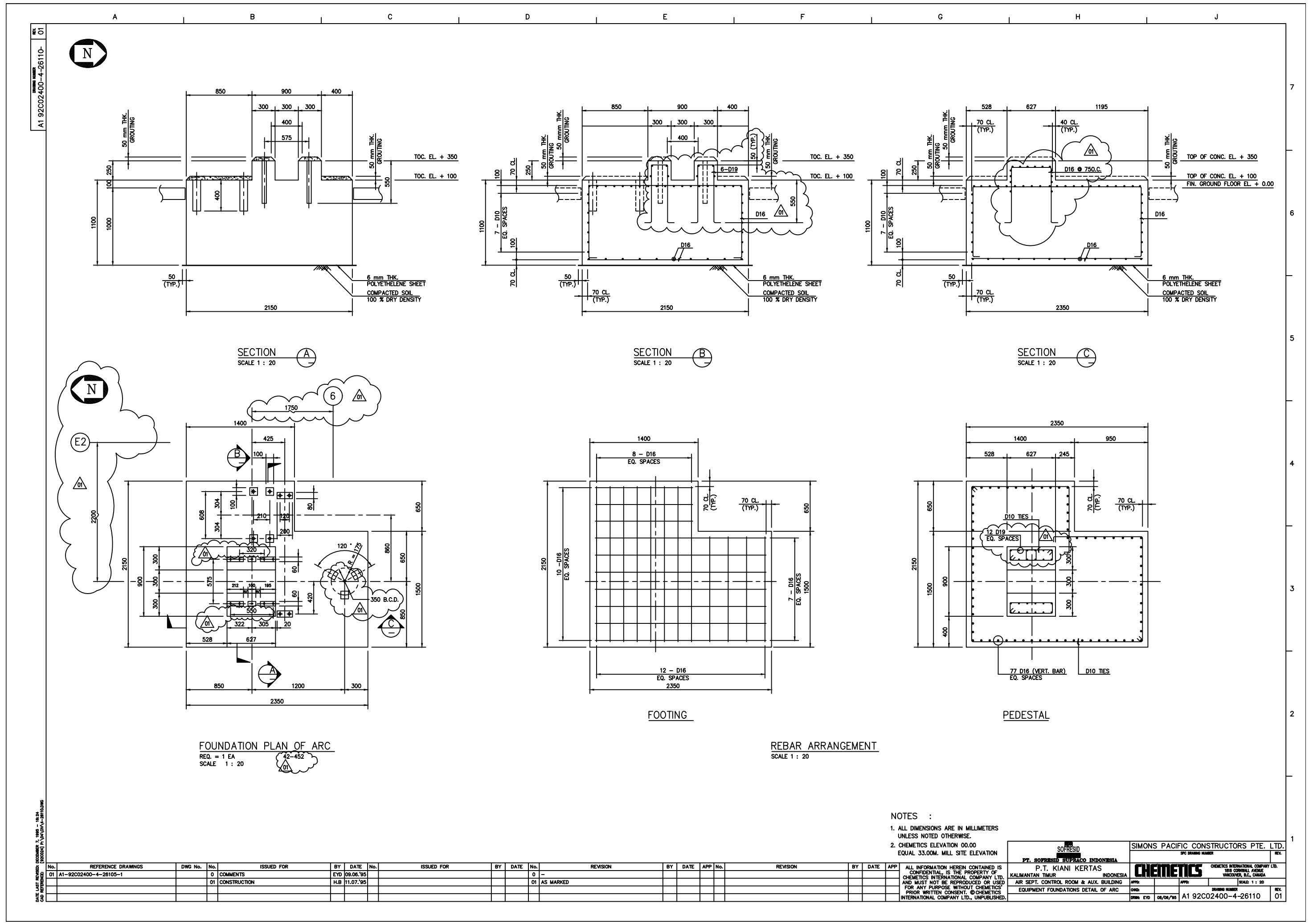


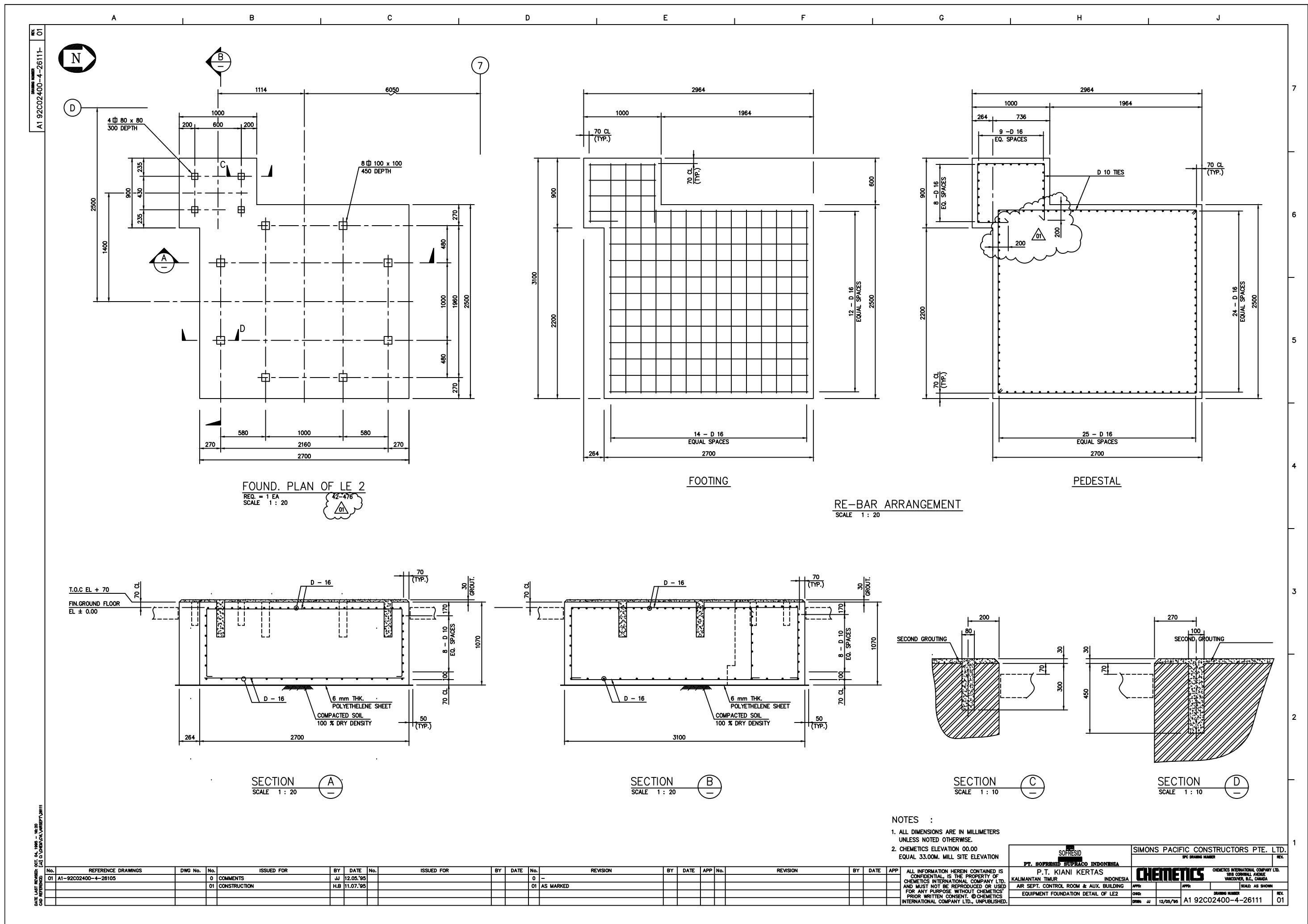


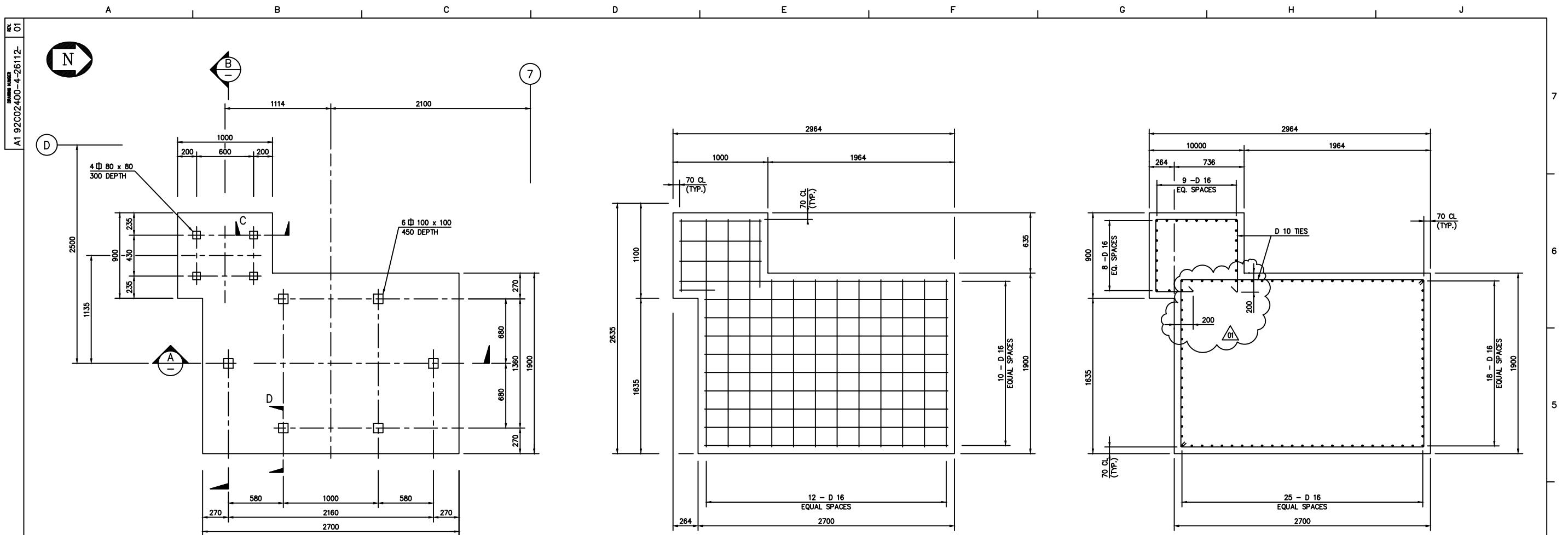










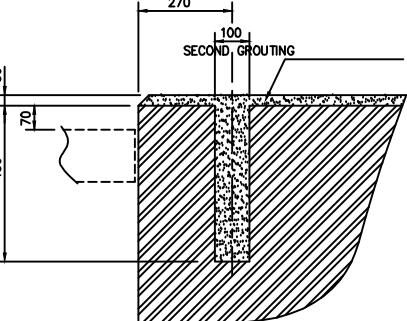
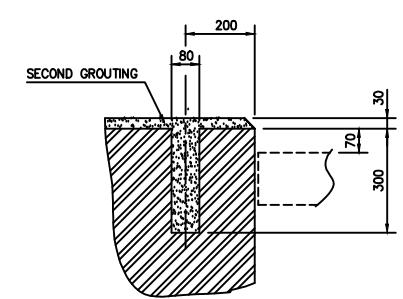
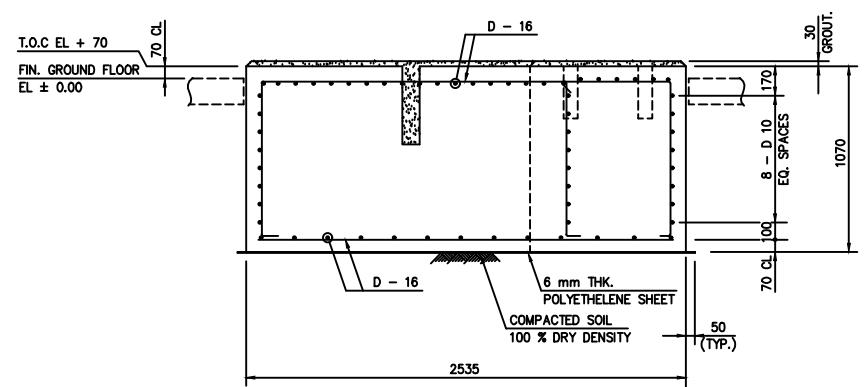
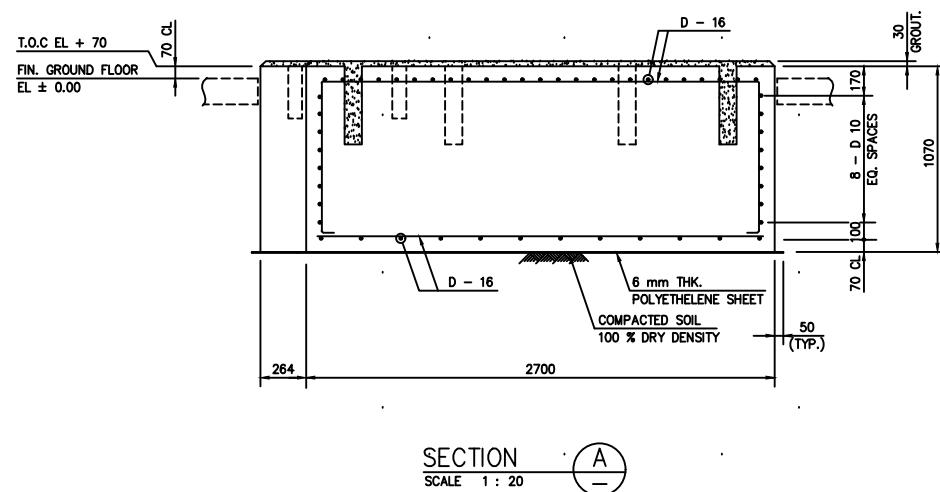


FOUND. PLAN OF LE 3  
REQ. = 1 EA      42-486  
SCALE 1 : 20

## FOOTING

## PEDESTAL

## RE-BAR ARRANGEMENT



SECTION A

**SECTION B**

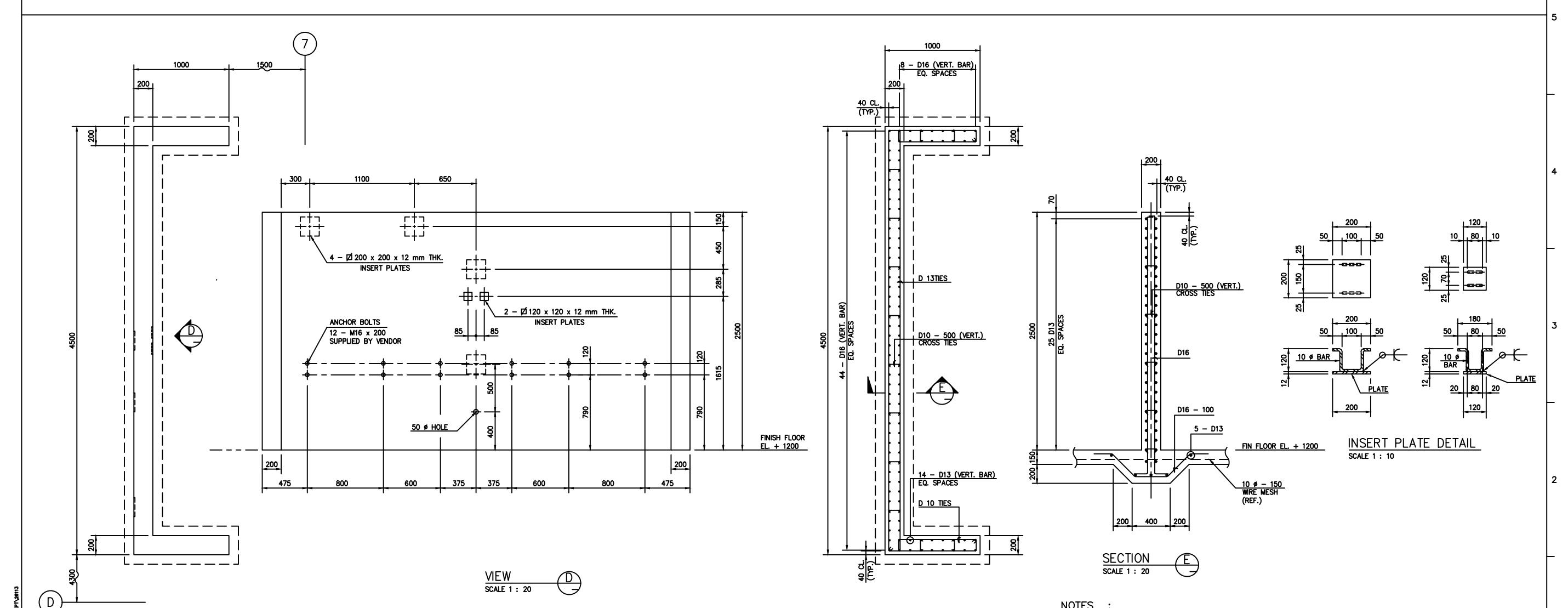
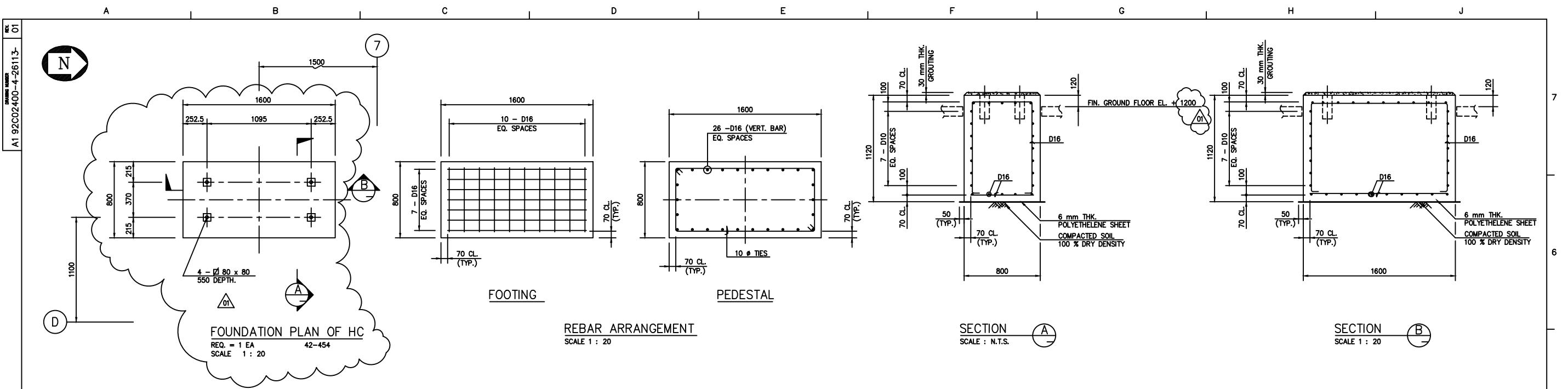
SECTION C —  
SCALE 1 : 10

**SECTION D**

## NOTES :

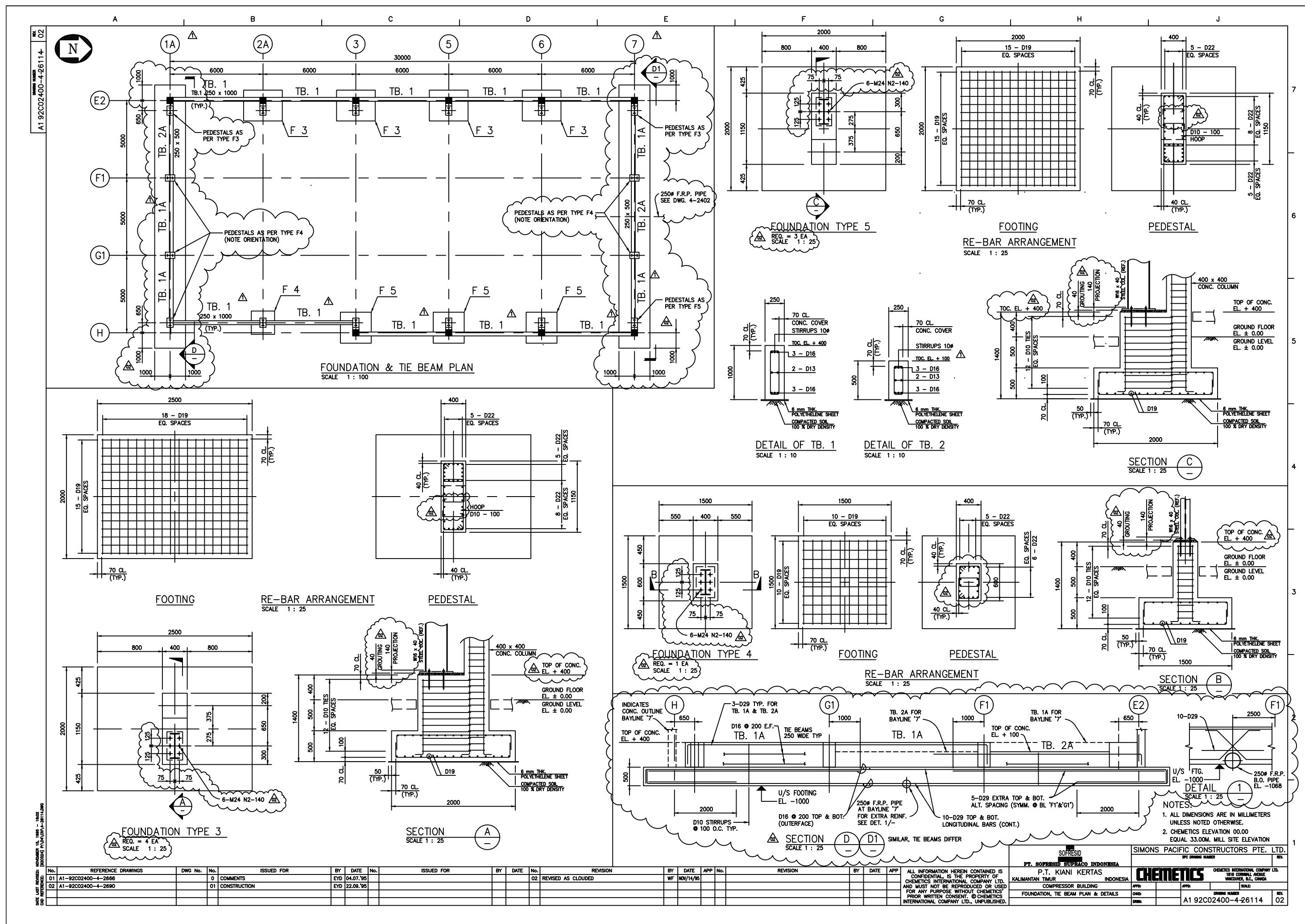
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
  2. CHEMETICS ELEVATION 00.00 EQUAL 33.00M. MILL SITE ELEVATION

SOFRESID		SIMONS PACIFIC CONSTRUCTORS PTE. LTD.		
PT. SOFRESID SUPAPCO INDONESIA		SPC DRAWING NUMBER REV.		
P.T. KIANI KERTAS MANTAN TIMUR INDONESIA		CHEMETICS INTERNATIONAL COMPANY LTD. 1000 11TH AVENUE, VANCOUVER, B.C., CANADA		
R. SEPT. CONTROL ROOM & AUX. BUILDING EQUIPMENT FOUNDATION DETAIL OF LE 3		APP'D:	APP'D:	SCALE AS SHOWN
		QDR:	DRAWING NUMBER	
		DRW:	A1 92C02400-4-26112	
		JJ	01	
		12/05/95		

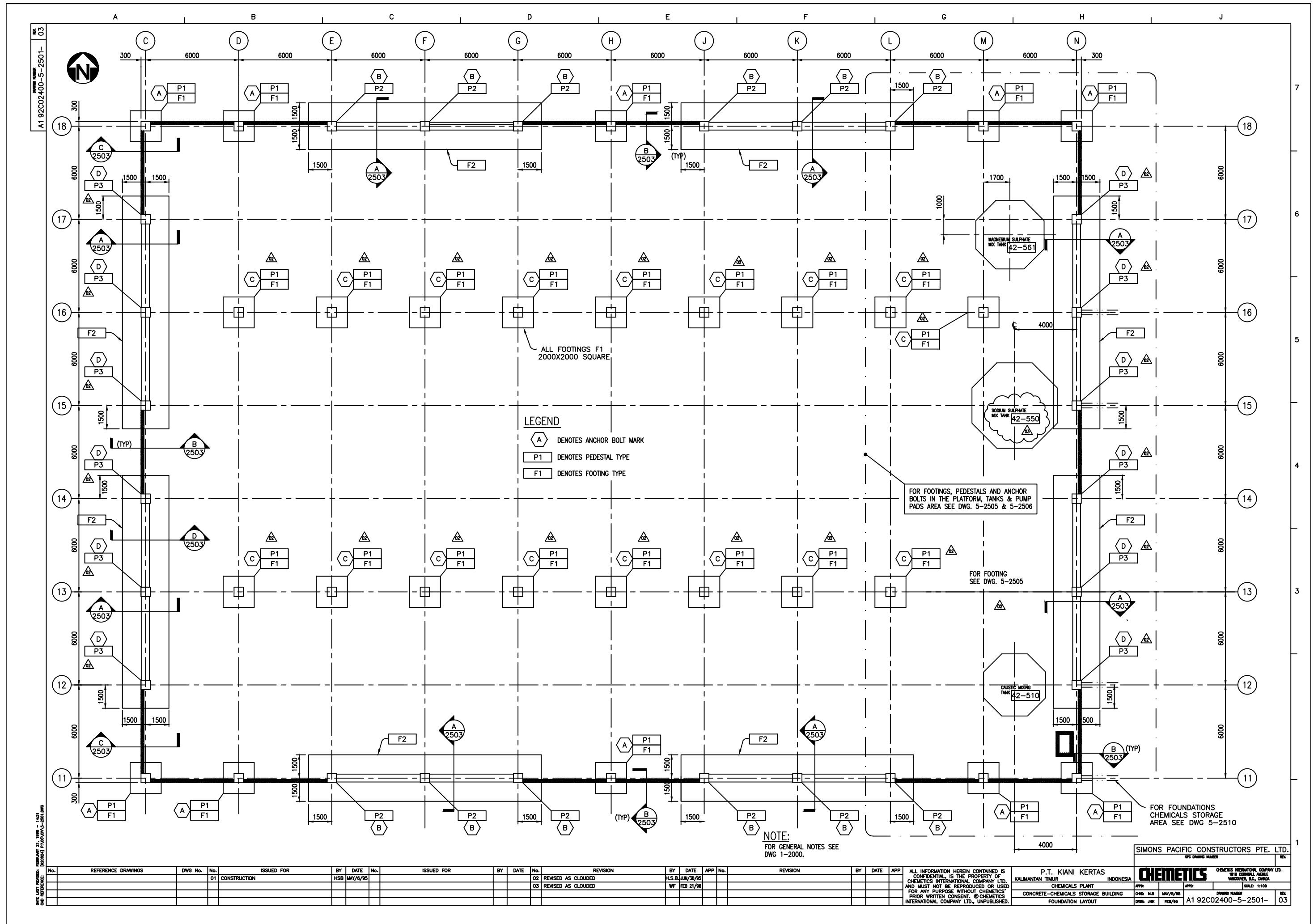


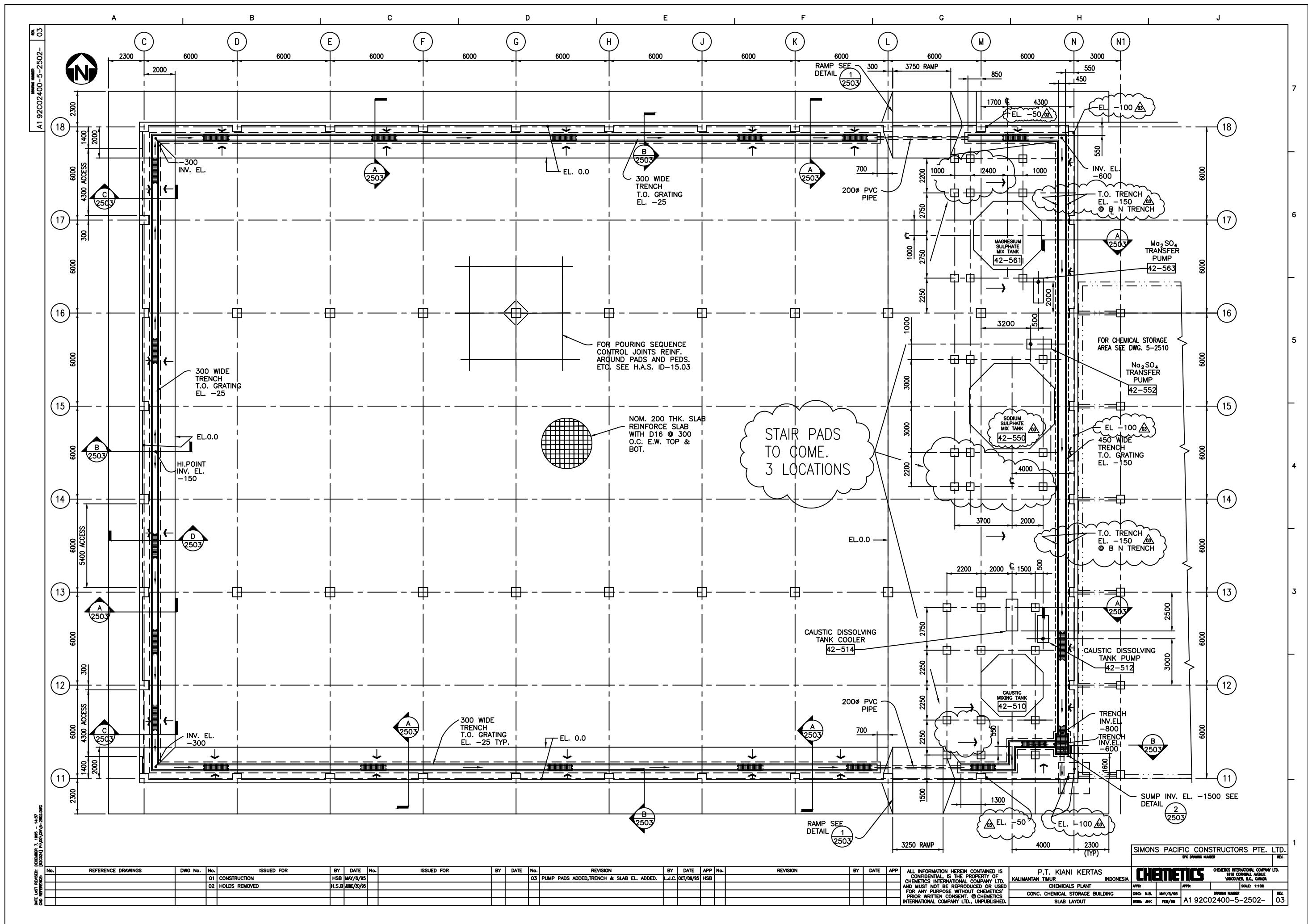
## NOTES :

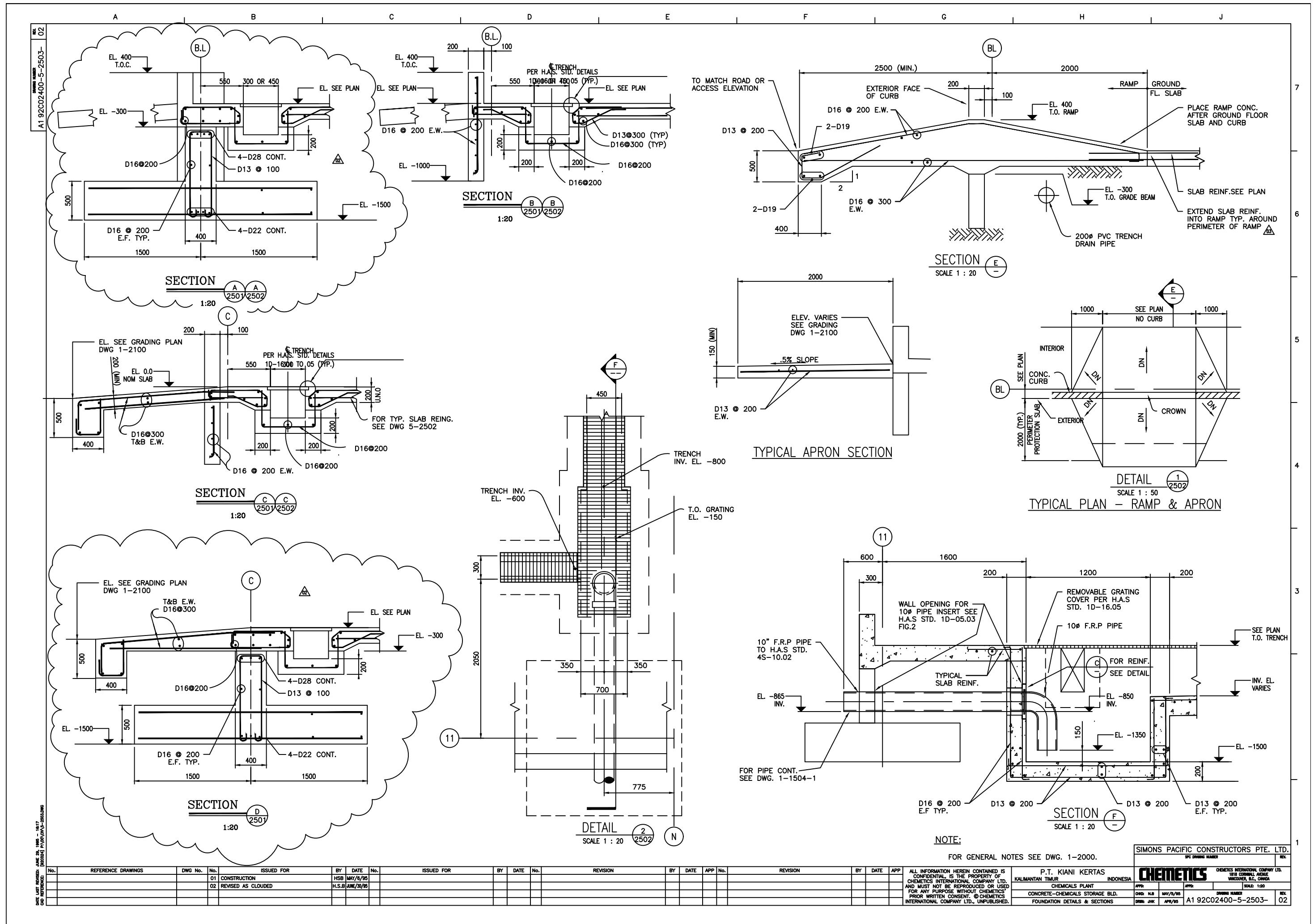
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
  2. CHEMTECTS ELEVATION 00.00 EQUAL 33.00M. MILL SITE ELEVATION

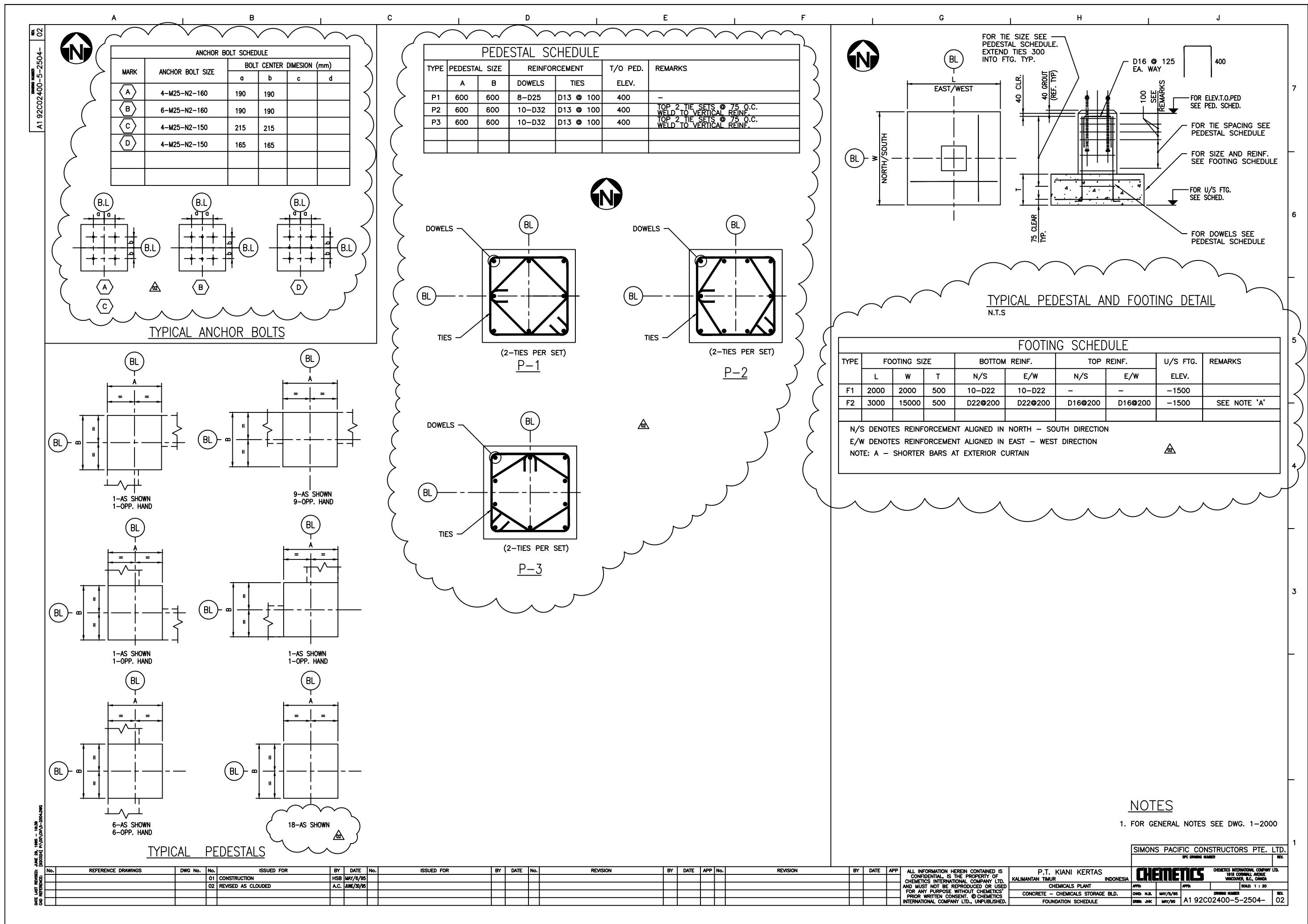


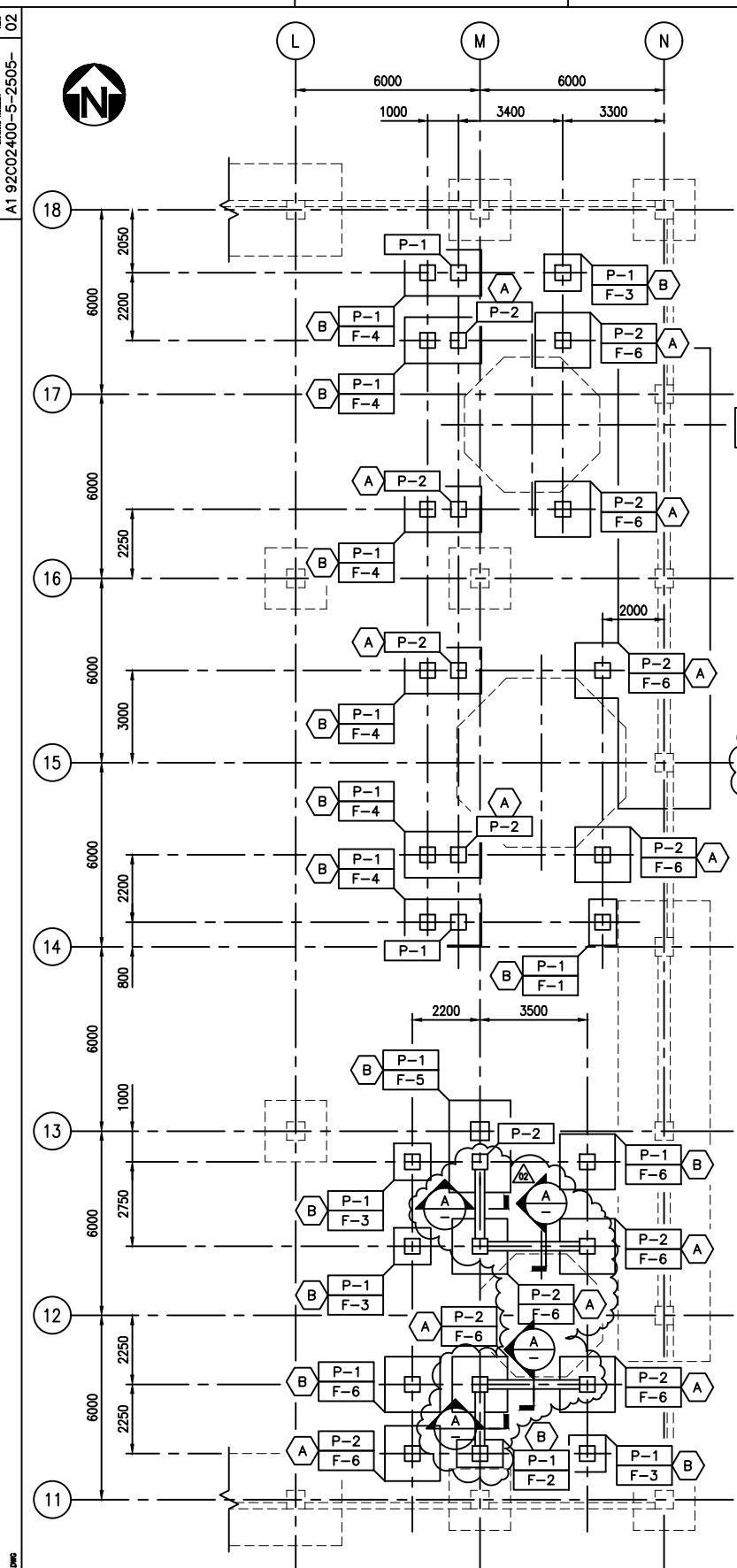






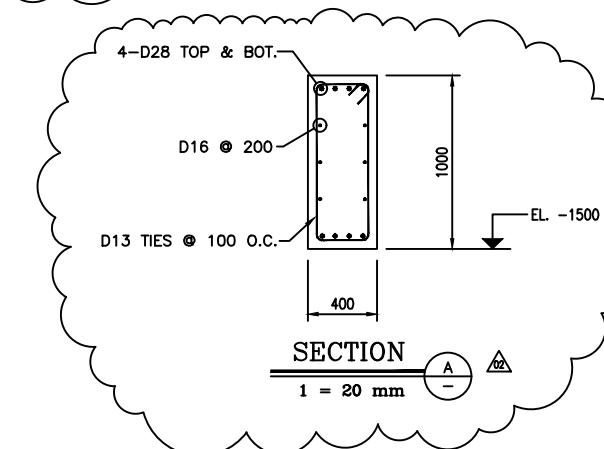






## PLATFORM AREA AND FOUNDATION PLAN

TANKS & PUMP PADS  
TO COME



SECTION A-A

OP & BOT.

16 @ 200

100 O.C.

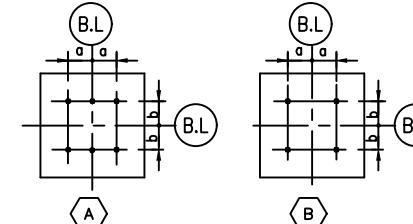
1000

400

EL. -15

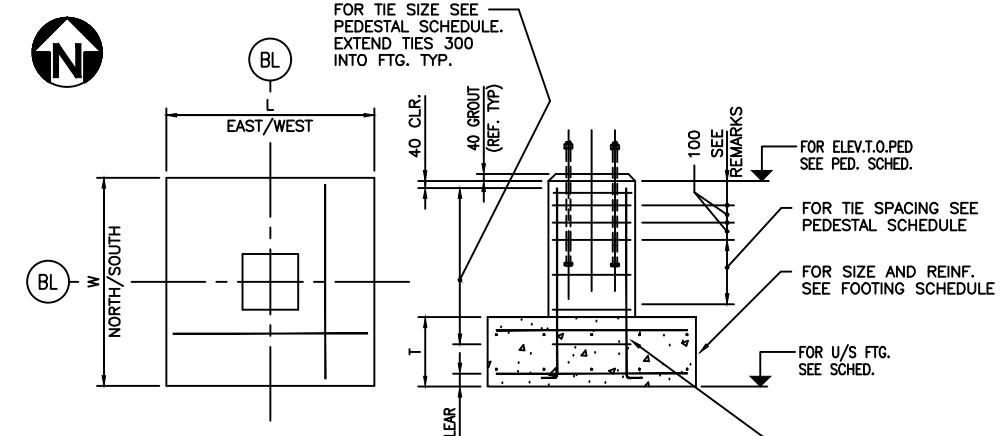
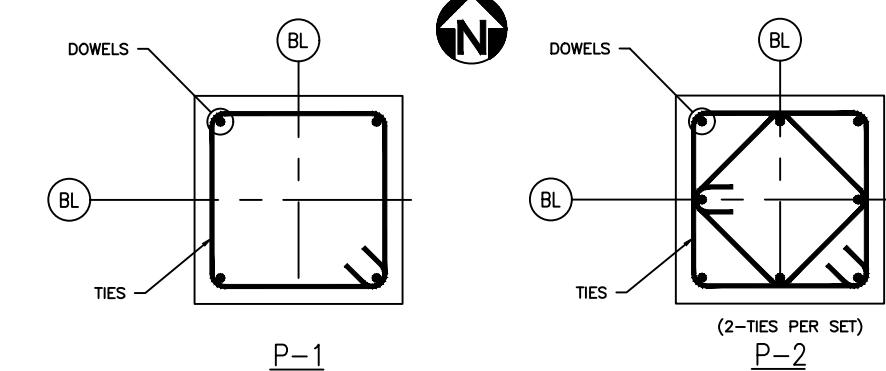
### TYPICAL ANCHOR BOLTS

ANCHOR BOLT SCHEDULE					
MARK	ANCHOR BOLT SIZE	BOLT CENTER DIMENSION (mm)			
		a	b	c	d
(A)	6-M25-N2-150	165	165		
(B)	4-M25-N2-150	165	165		



PEDESTAL SCHEDULE

TYPE	PEDESTAL SIZE		REINFORCEMENT		T/O PED.	REMARKS
	A	B	DOWELS	TIES		
P1	500	500	4-D29	D13 @ 100	400	—
P2	500	500	8-D25	D13 @ 100	400	TOP 2 TIE SETS @ 75 O.C. WELD TO VERTICAL REINF.



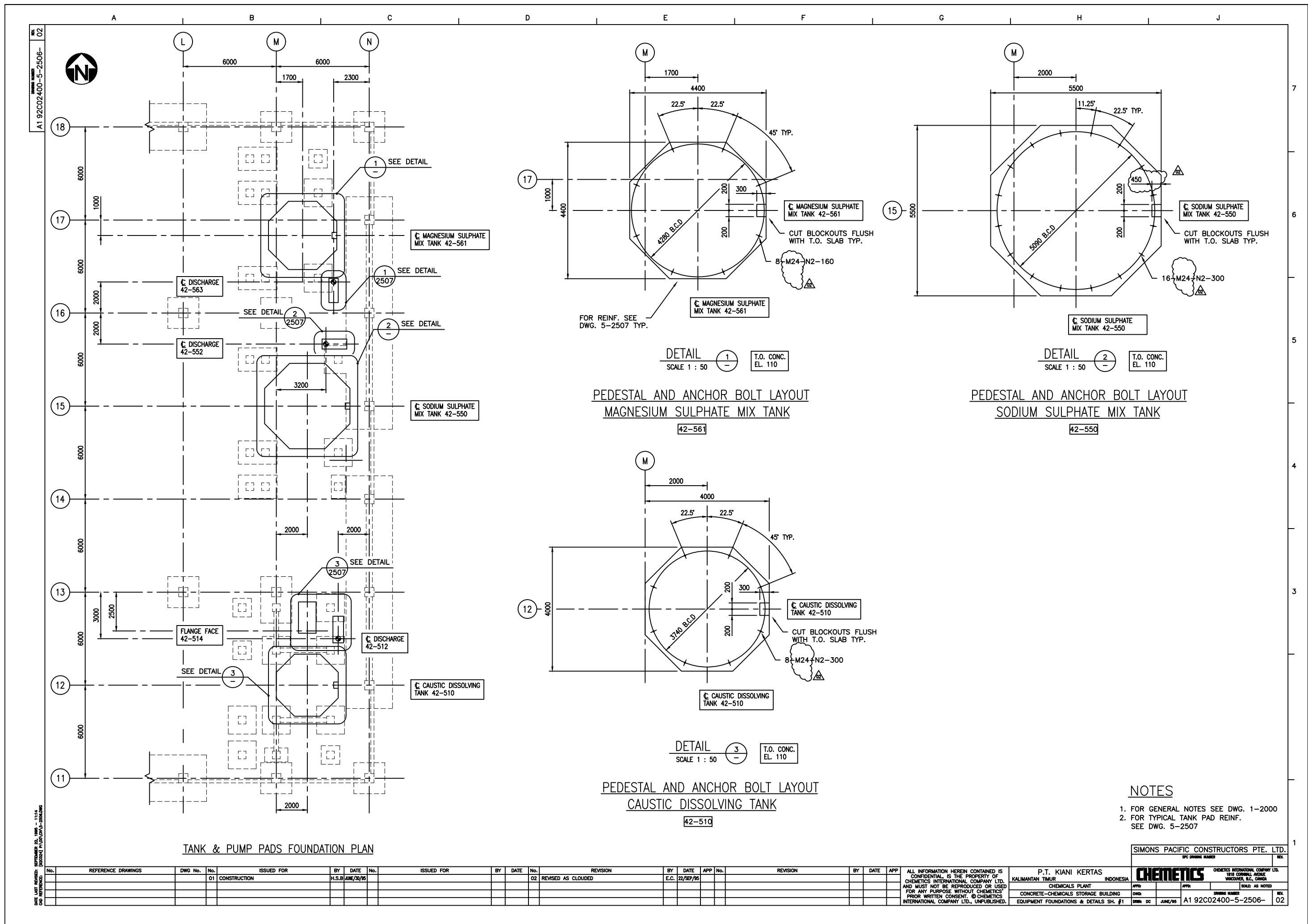
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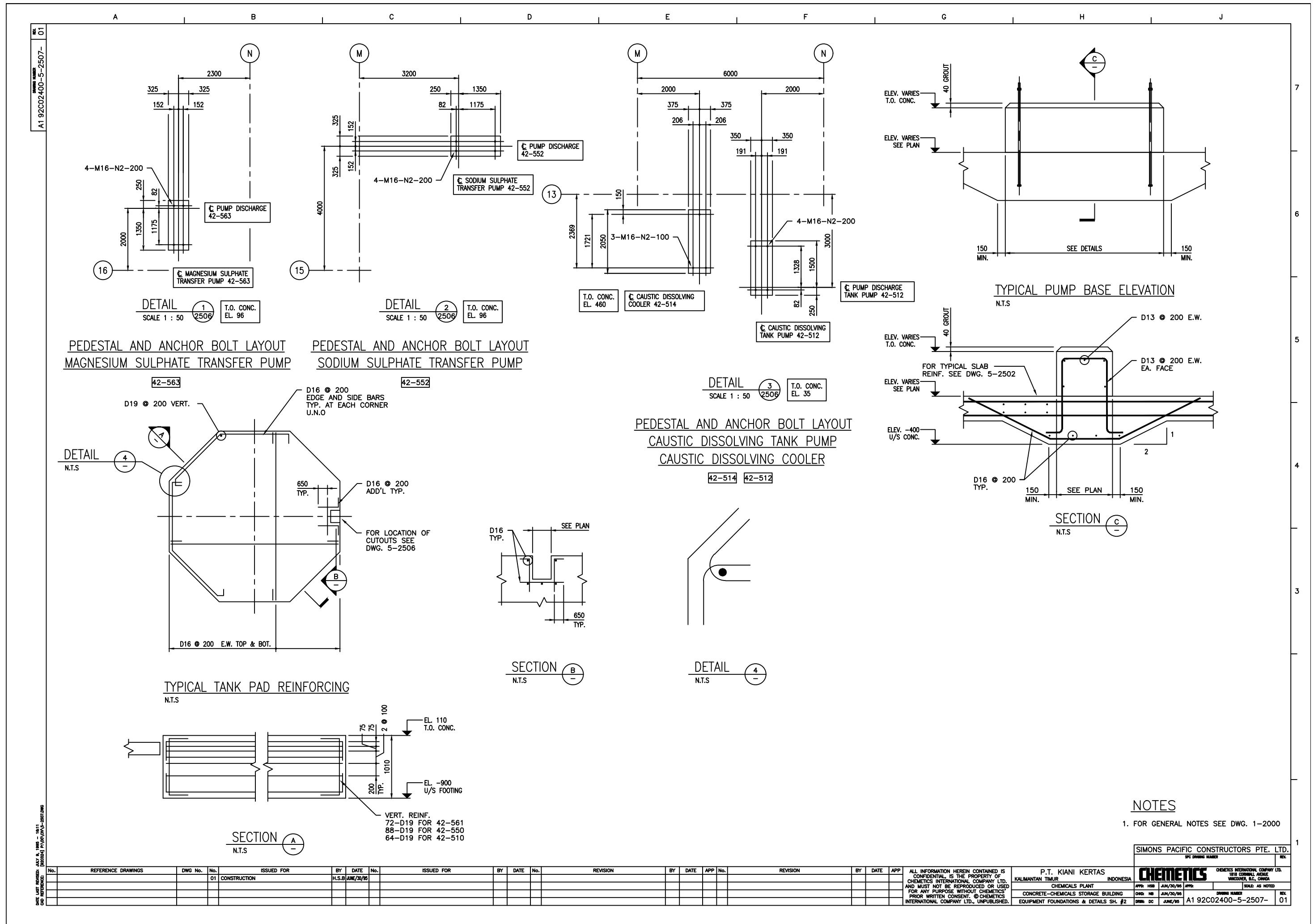
N/S DENOTES REINFORCEMENT ALIGNED IN NORTH - SOUTH DIRECTION  
E/W DENOTES REINFORCEMENT ALIGNED IN EAST - WEST DIRECTION  
NOTE: A - SHORTER BARS AT EXTERIOR CURTAIN

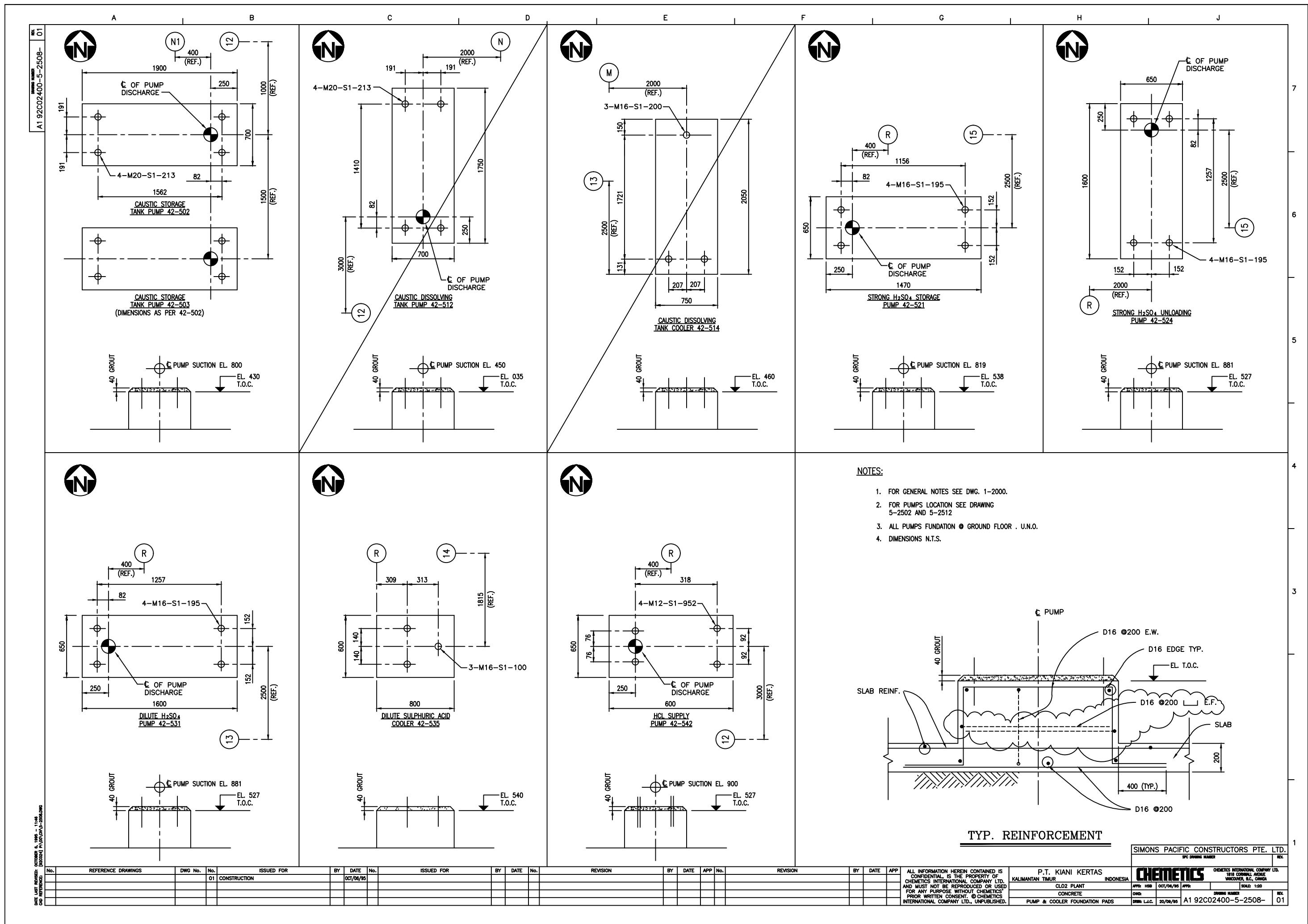
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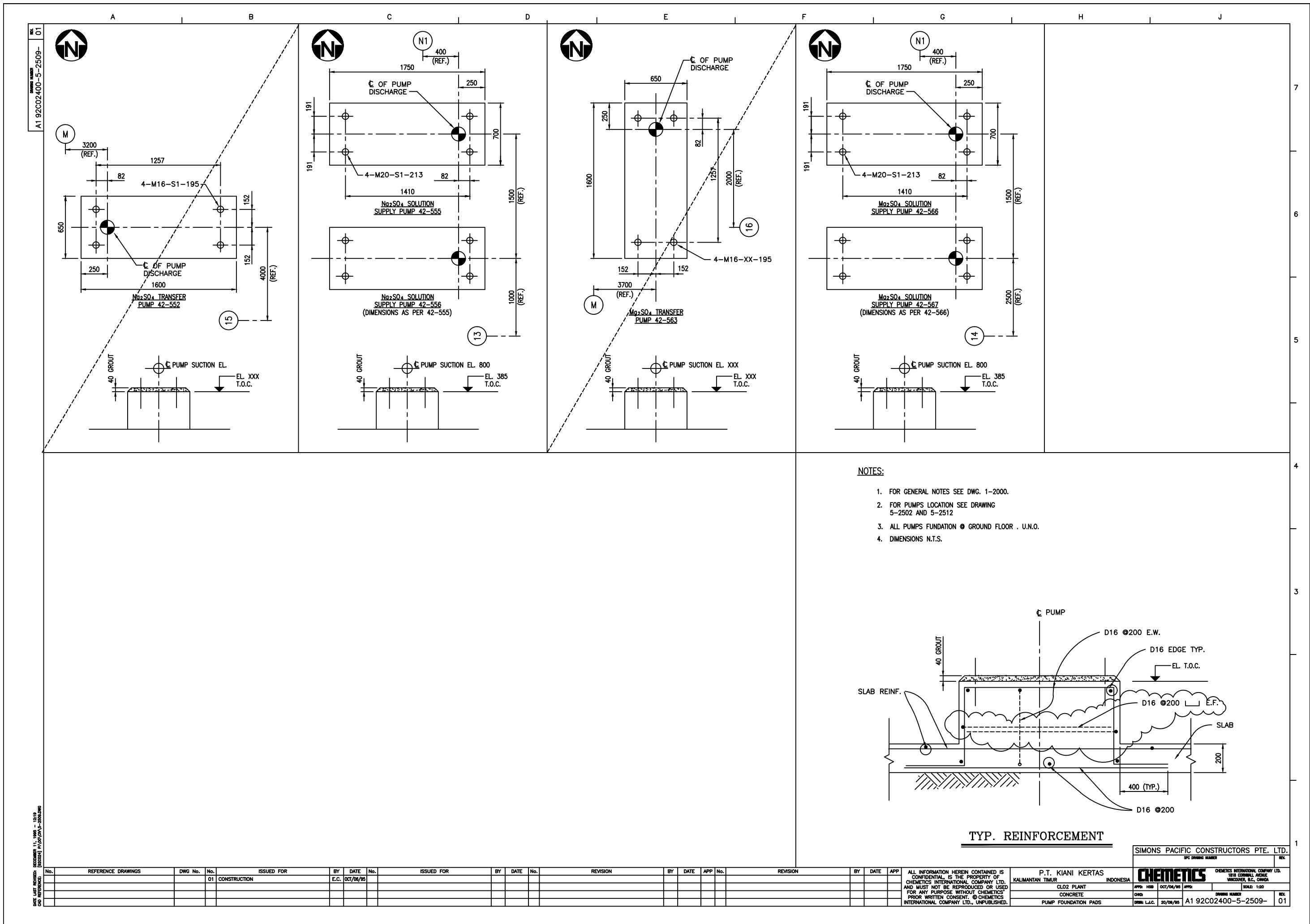
1. FOR GENERAL NOTES SEE DWG. 1-2000

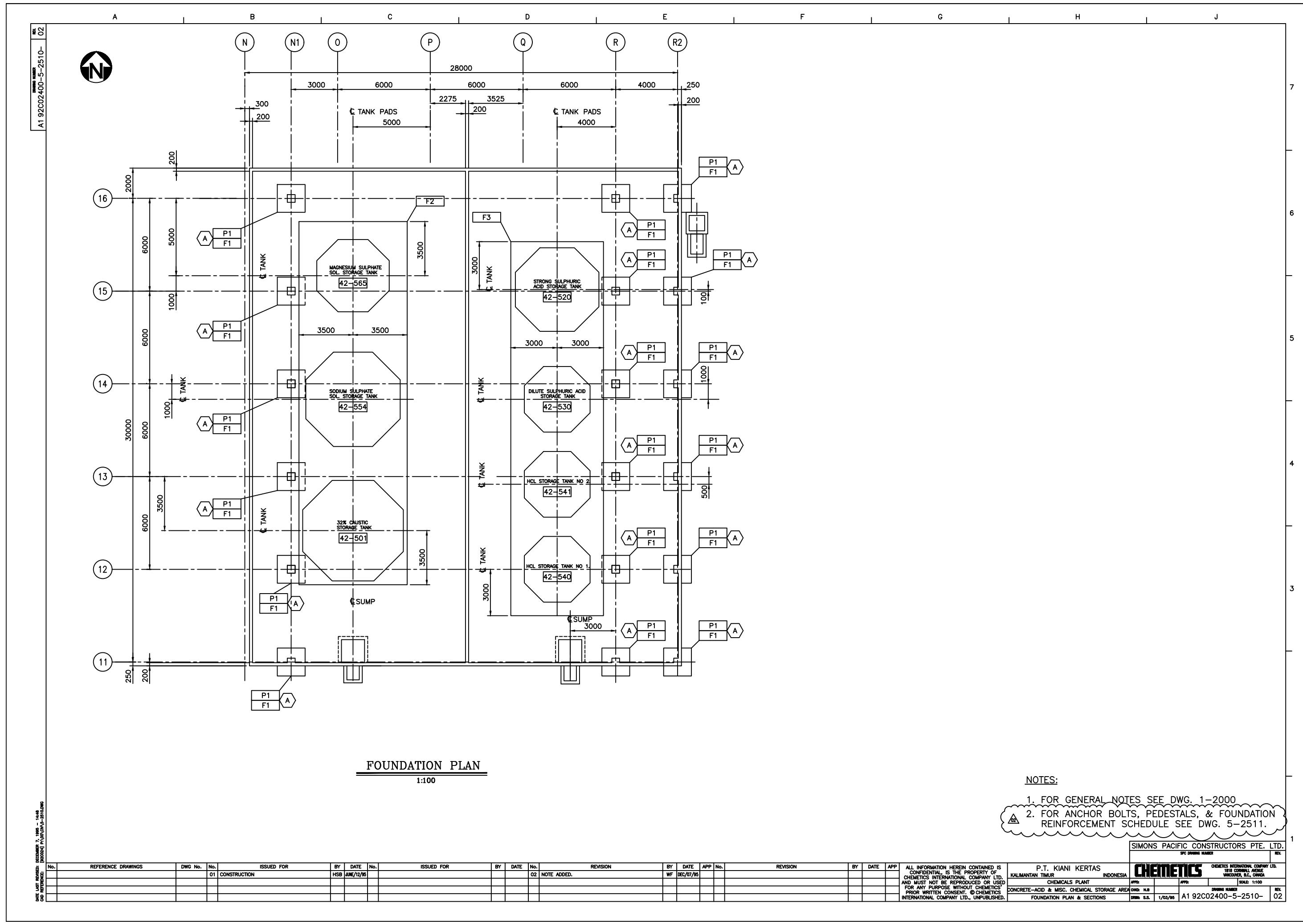
SIMONS PACIFIC CONSTRUCTORS PTE. LTD.			
SFC DRAWING NUMBER			
REV			
<b>CHEMTECTS</b>		CHEMTECTS INTERNATIONAL COMPANY LTD. 1818 CORNWALL AVENUE VANCOUVER, B.C., CANADA	
APP#:	APP#:	SCALE: 1:100	REV
CHG N.B. JUNE/22/95		DRAWING NUMBER	
APPROVED DC		A1 92C02400-5-25-205-	

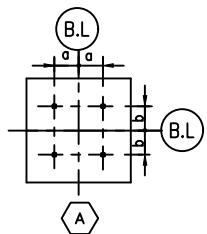




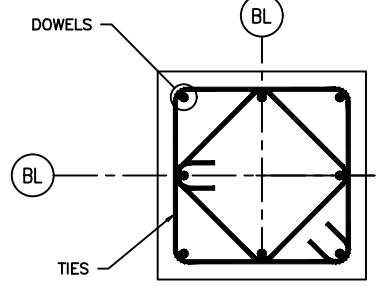
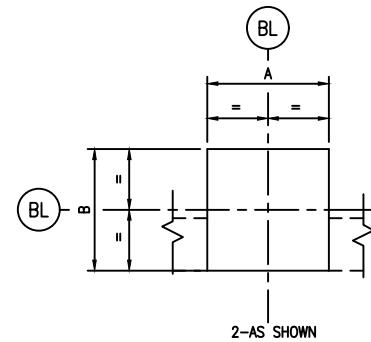




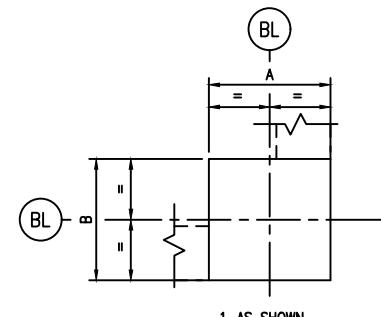




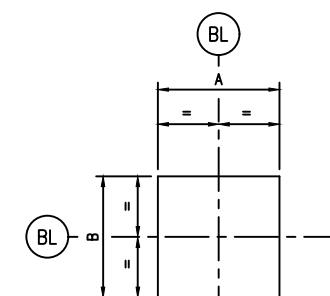
## TYPICAL ANCHOR BOLTS



(2-TIES PER SET  
P-1

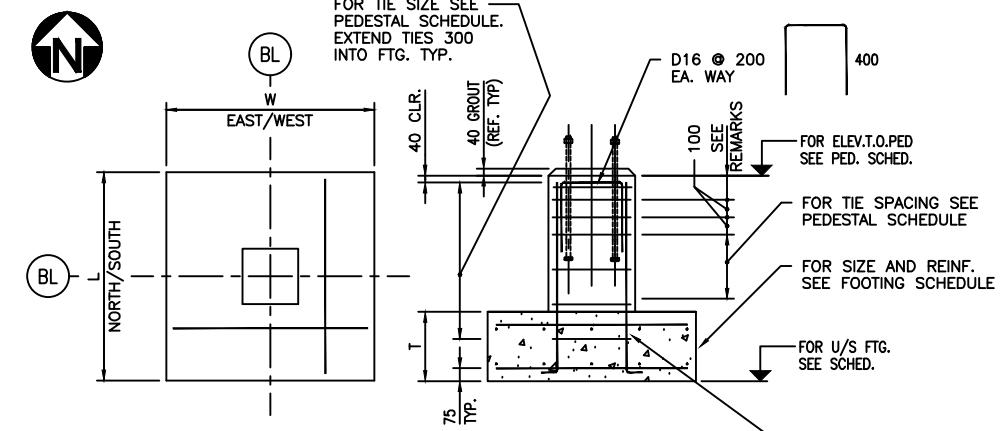


1-AS SHOWN



10-AS SHOWN

## TYPICAL PEDESTALS



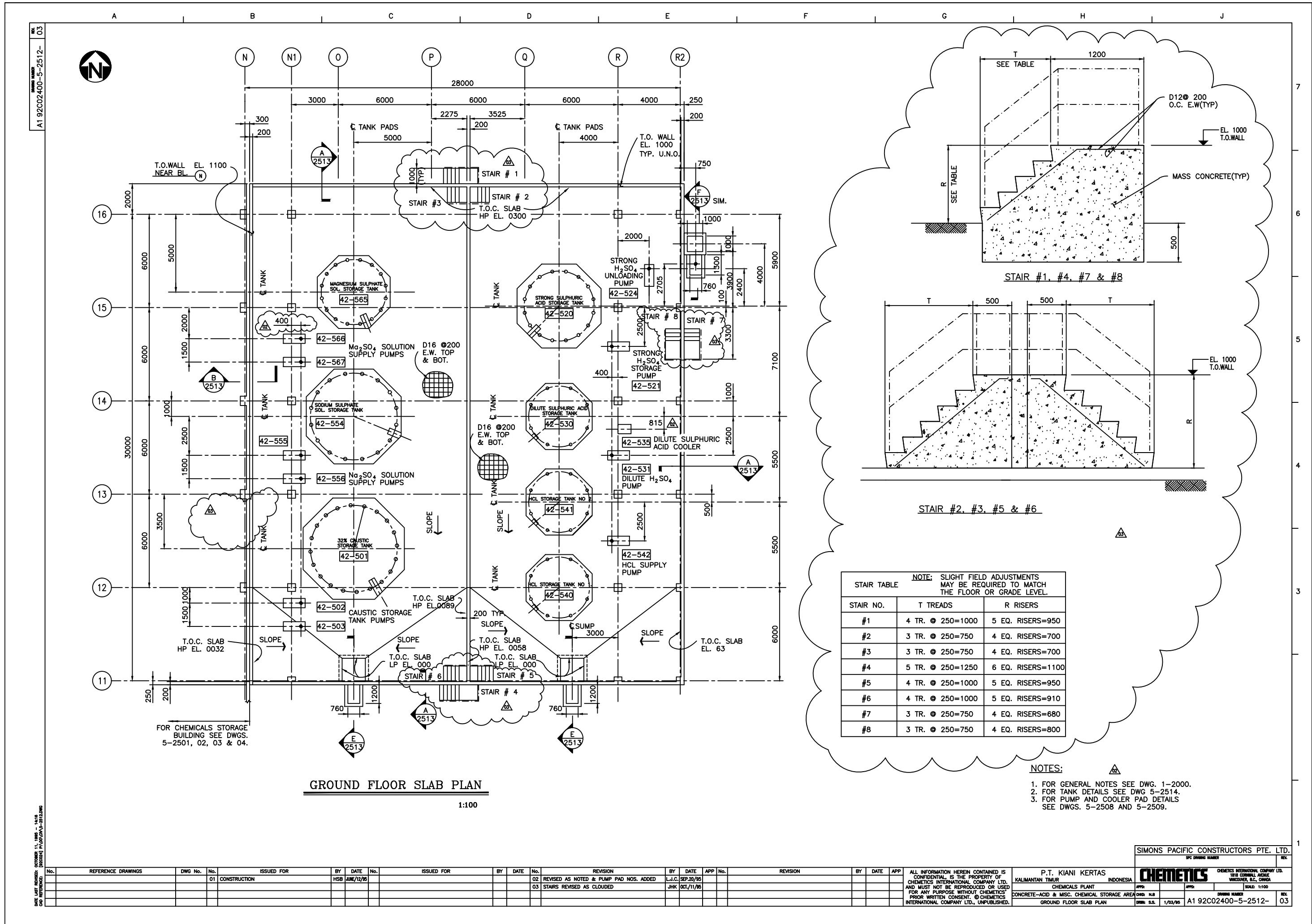
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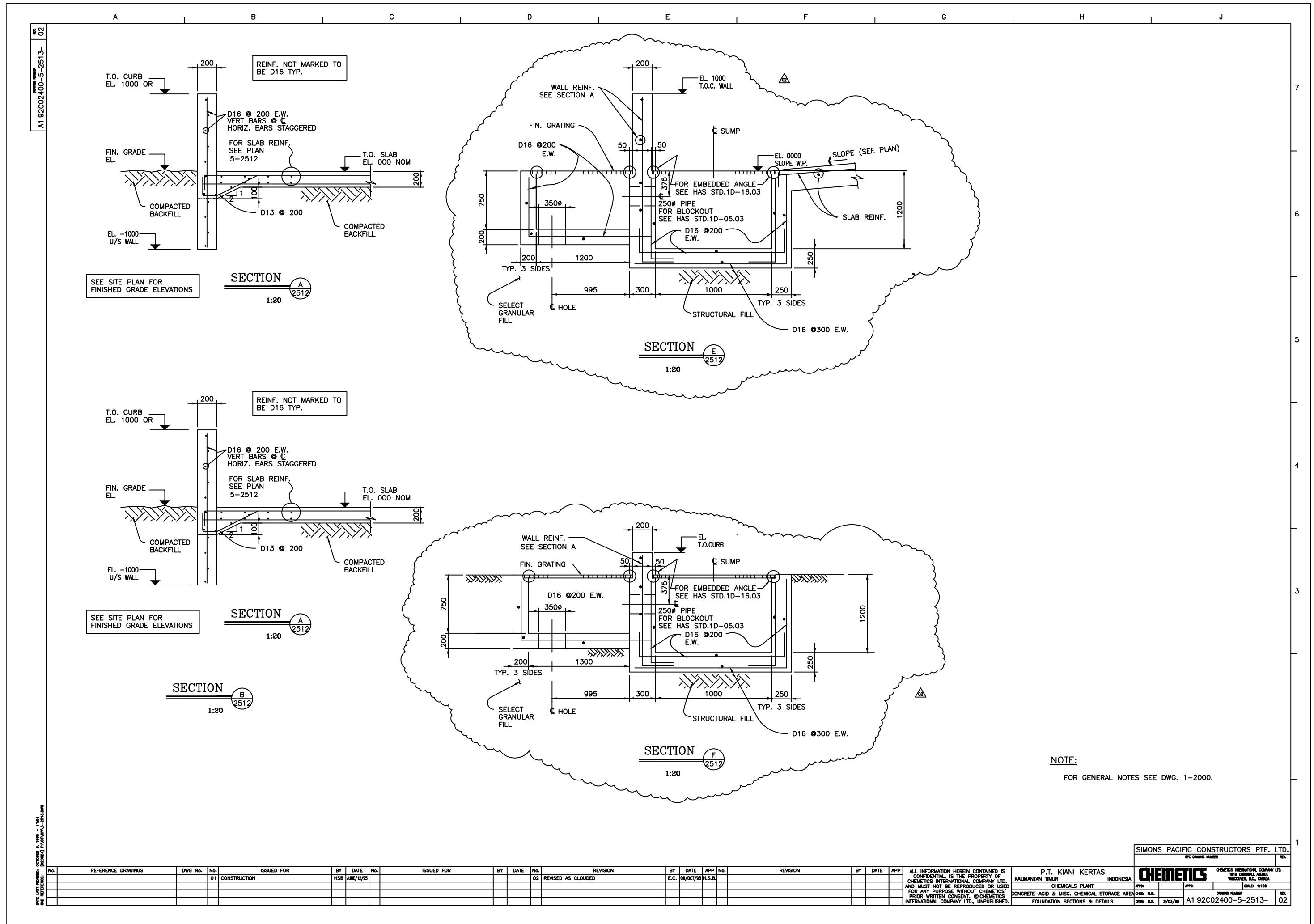
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E/W DENOTES REINFORCEMENT ALIGNED IN EAST - WEST DIRECTION

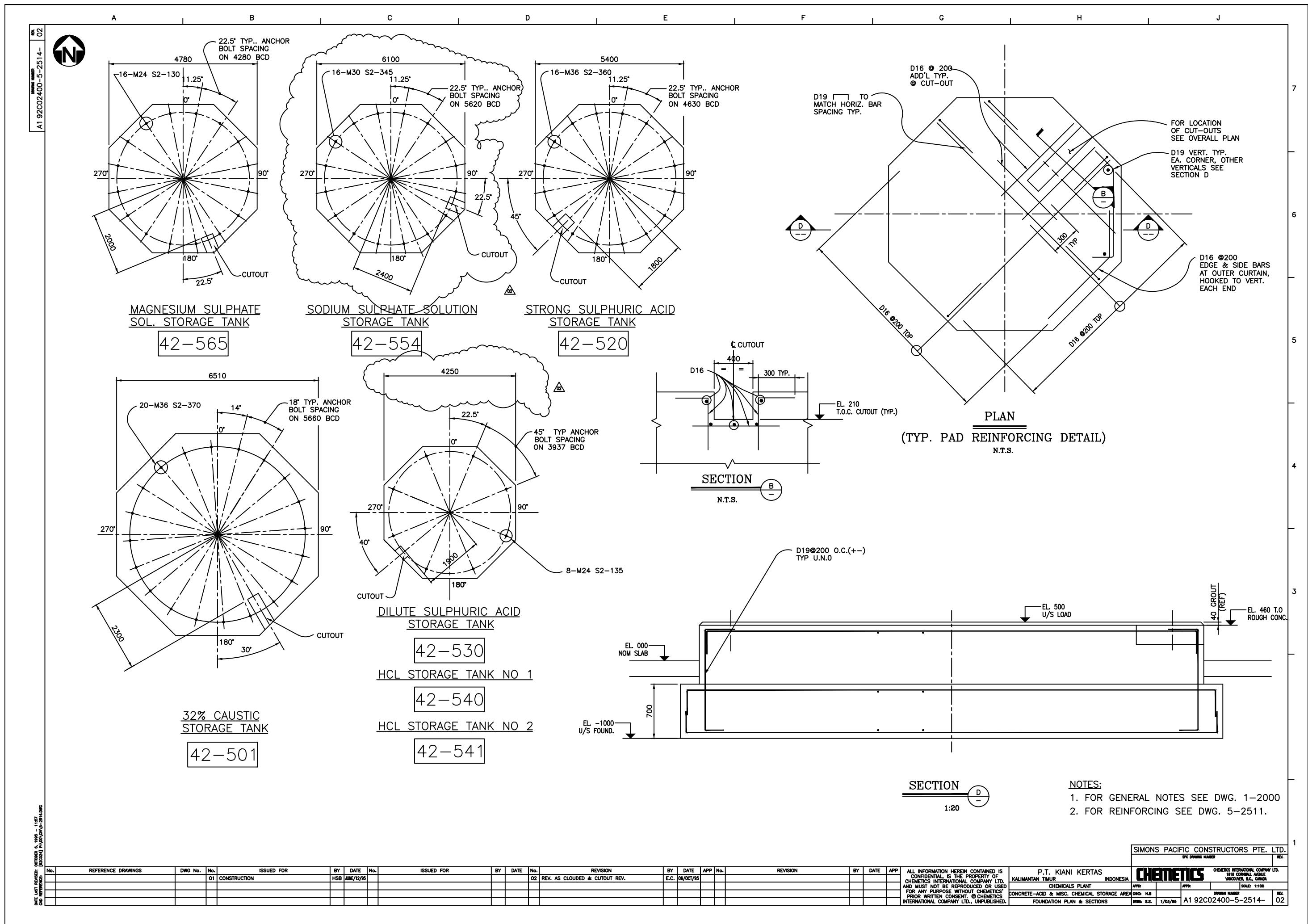
## NOTES

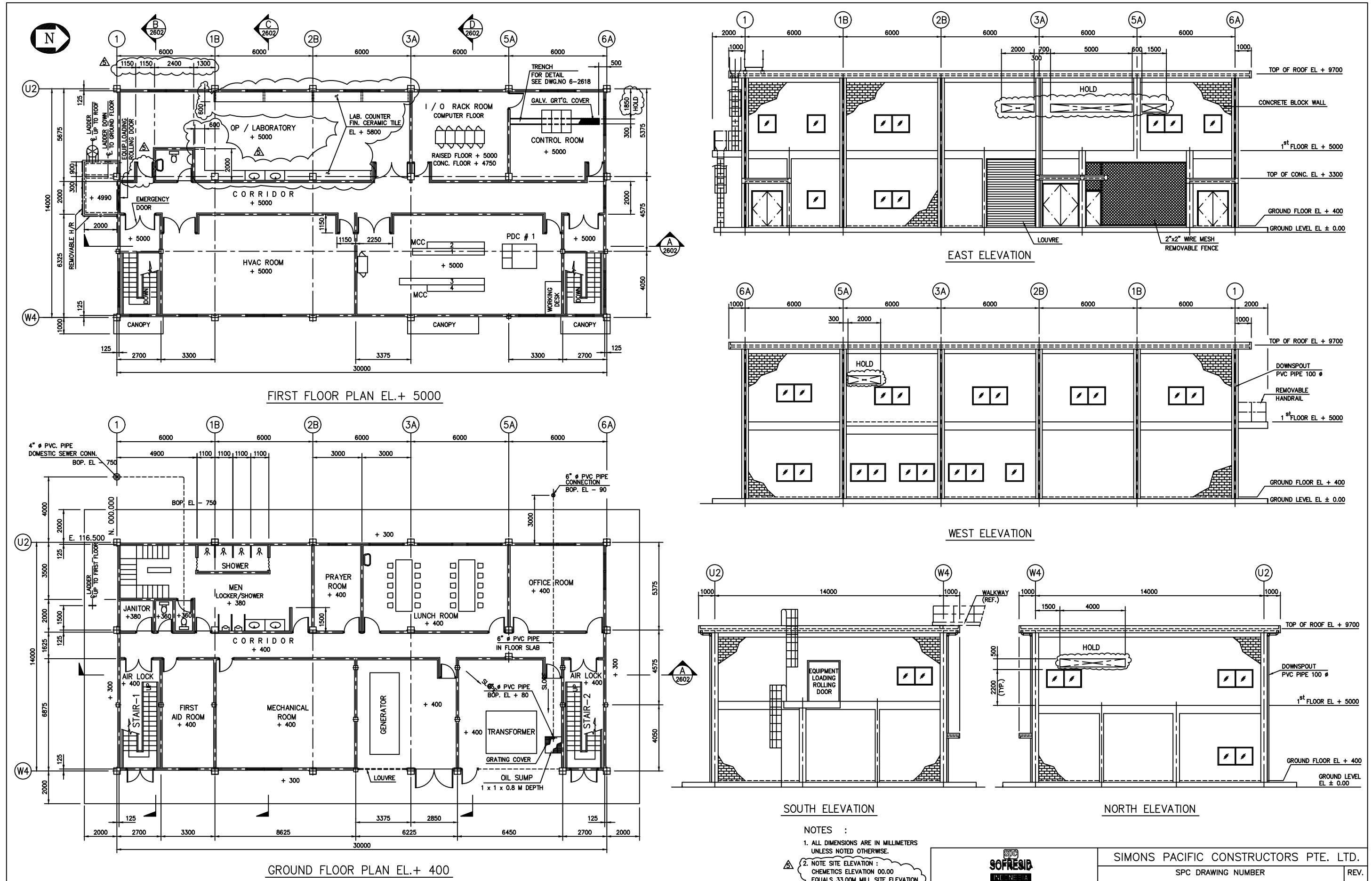
1. FOR GENERAL NOTES SEE DWG. 1-2000

SIMONS PACIFIC CONSTRUCTORS PTE. LTD.		SPC DRIVING NUMBER	REV
<b>CHEMTECTS</b>		CHEMTECTS INTERNATIONAL COMPANY LTD. 1818 CORNWALL AVENUE VANCOUVER, B.C., CANADA	
APP:	APP:	DRIVING NUMBER	SCALE 1 : 100
CHD: N.B.	CHD: N.B.	A1 92C02400-5-2511-	02
DRIVE: JHK	JUNE/95		









No.	REFERENCE DRAWING	DWG. No.	No.	ISSUED FOR		By	Date	No.	ISSUED FOR		By	Date	No.	REVISION		By	DATE	APP No.	REVISION		By	DATE	APP	
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	2																							
	3																							

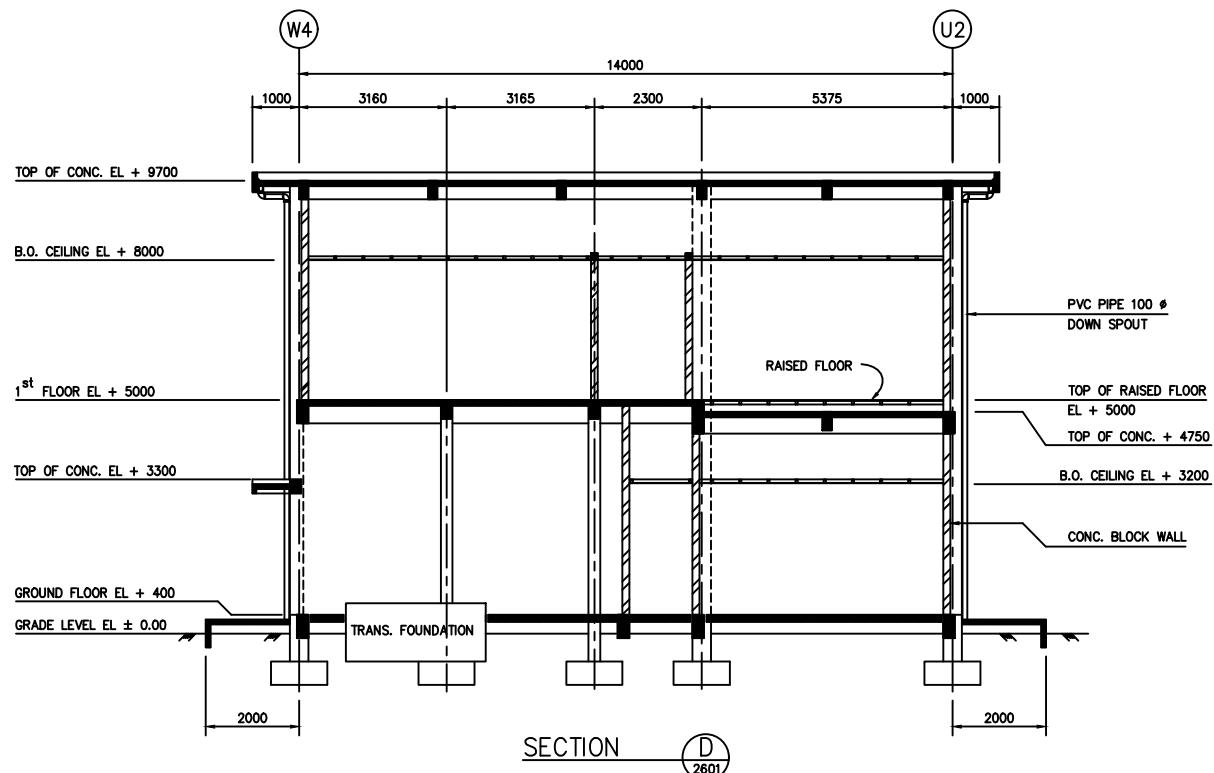
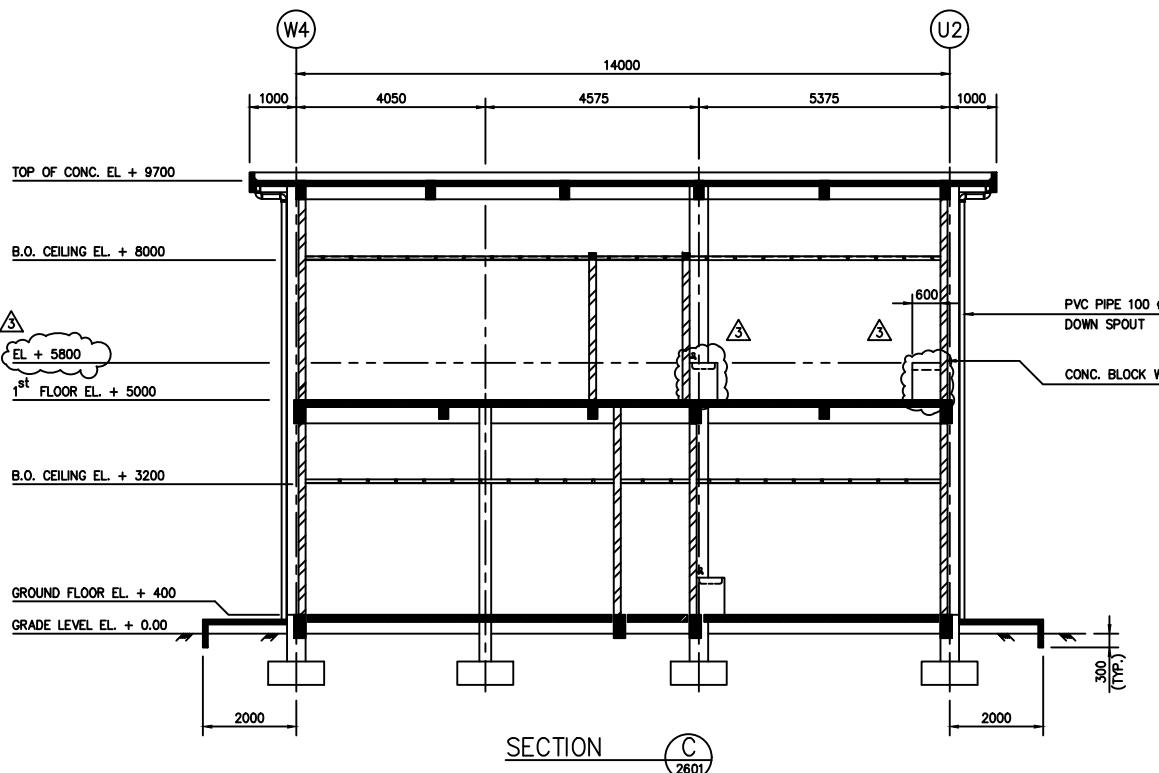
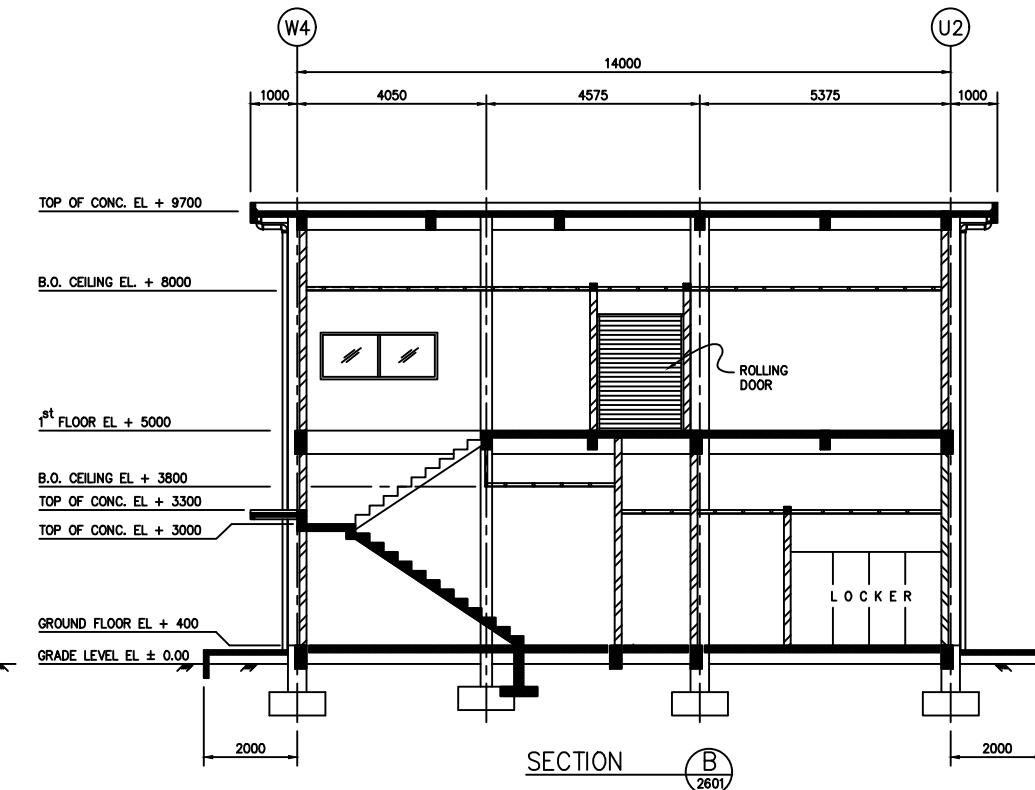
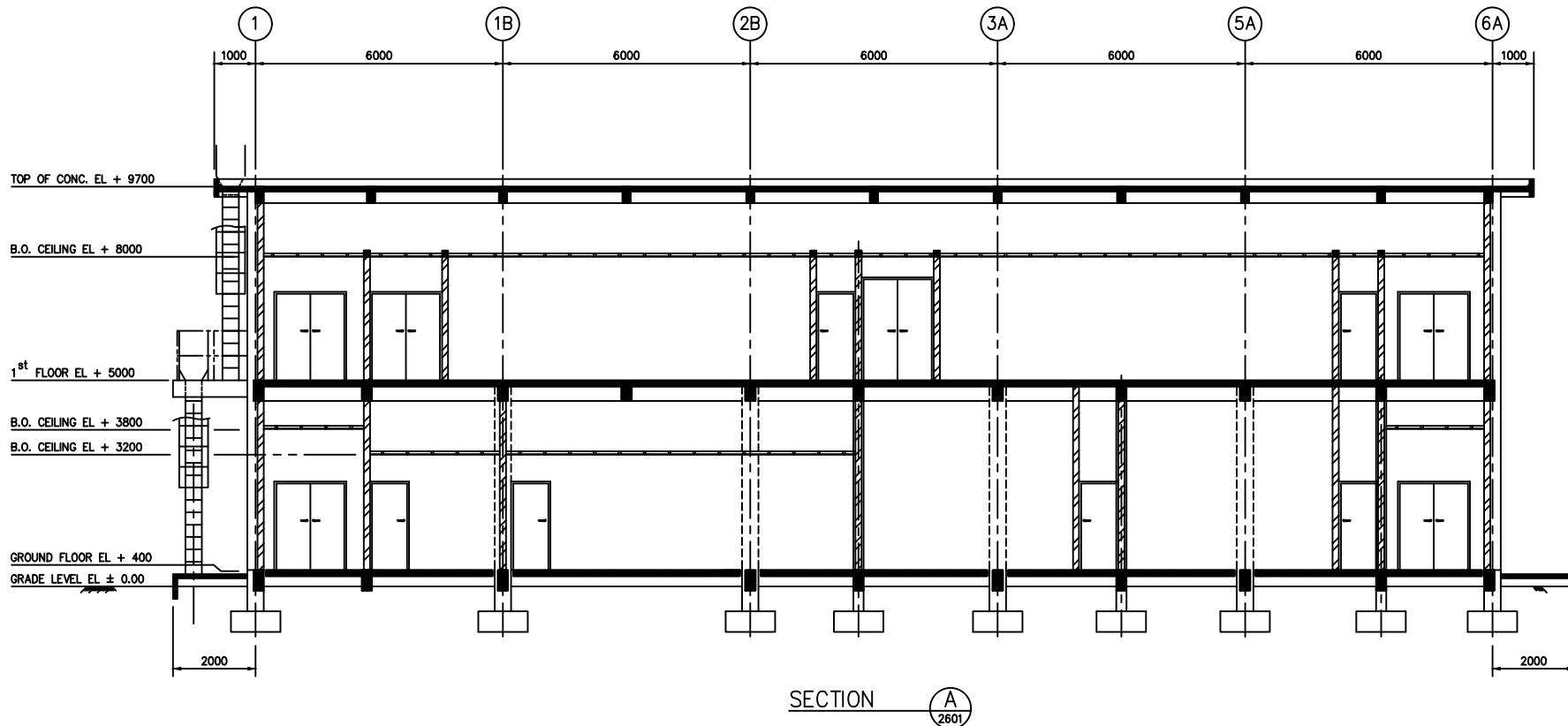
**SPC SOFRESID INDONESIA**  
PT. SOFRESID SUPRACO INDONESIA

P.T. KIANI KERTAS  
KALIMANTAN TIMUR INDONESIA

CHEMETICS INTERNATIONAL COMPANY Ltd.  
1818 CORNWALL AVENUE  
VANCOUVER B.C. CANADA V6J 1C7

CONTROL BUILDING APP APP : SCALE : 1 : 100

GROUND FLOOR , FIRST FLOOR PLAN CHECK DRAWING NUMBER  
AND ELEVATION DRAW'N JJ 14/12/94 REV. 5 A1-92C02400-6-2601-5



NOTES :

1. ALL DIMENSIONS ARE IN MILLIMETERS  
UNLESS NOTED OTHERWISE.

2. CHEMETICS ELEVATION 00.00  
EQUALS 33.00 M MILL SITE ELEVATION

No.	REFERENCE DRAWING	DWG. No.	No.	ISSUED FOR	BY	DATE	No.	ISSUED FOR	BY	DATE	No.	REVISION	BY	DATE	APP No.	REVISION	BY	DATE	APP
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		2		CONSTRUCTION	JJ	2.5.95					2	AS MARKED							
		3		CONSTRUCTION	JJ	9.6.95					3	AS MARKED							

PT. SOFRESID  
SUPRACO INDONESIA  
PT. SOFRESID SUPRACO INDONESIA

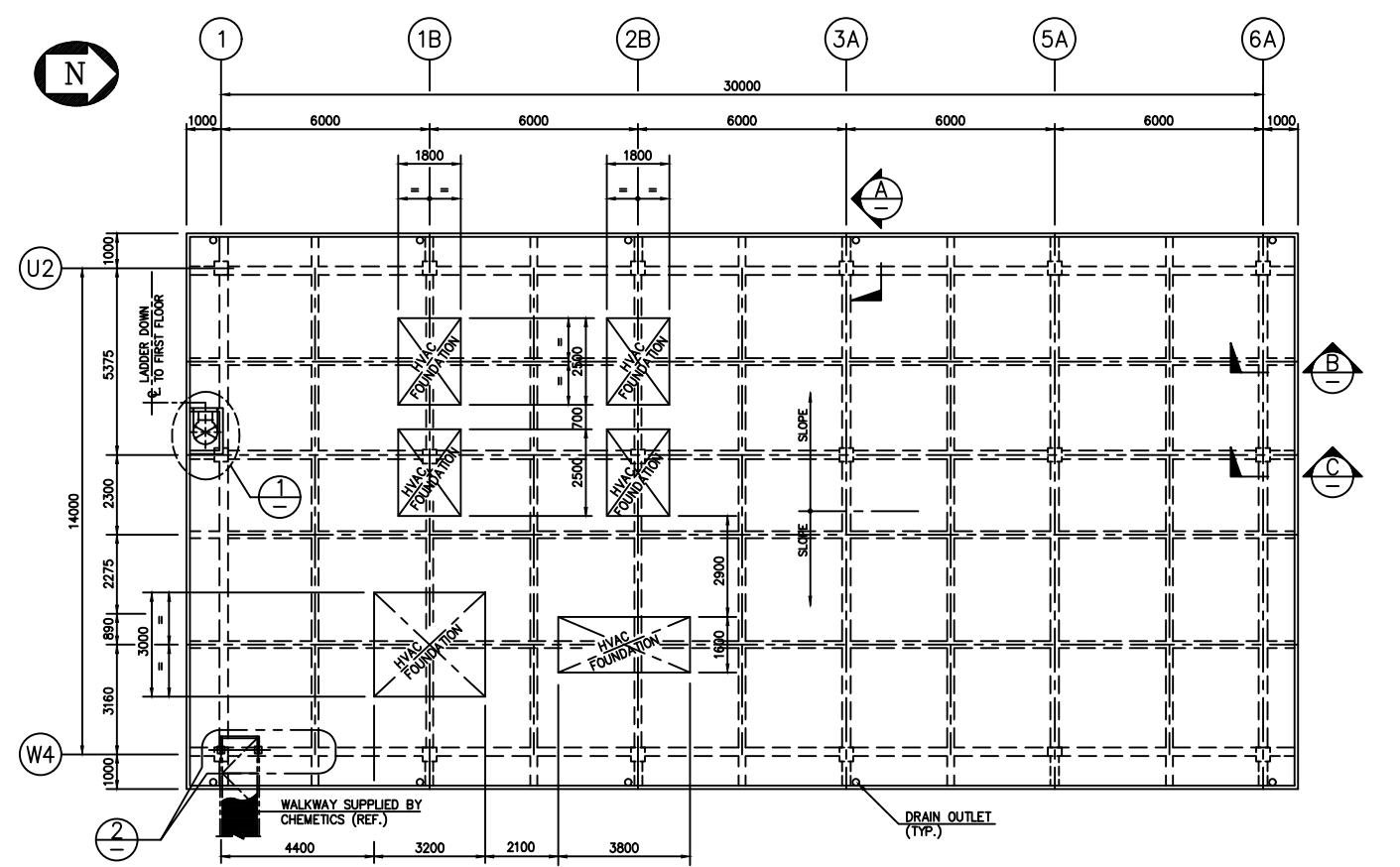
SIMONS PACIFIC CONSTRUCTORS PTE. LTD.

SPC DRAWING NUMBER

REV.

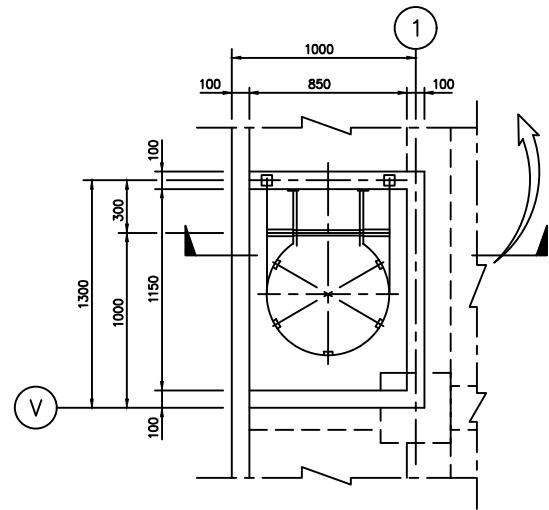
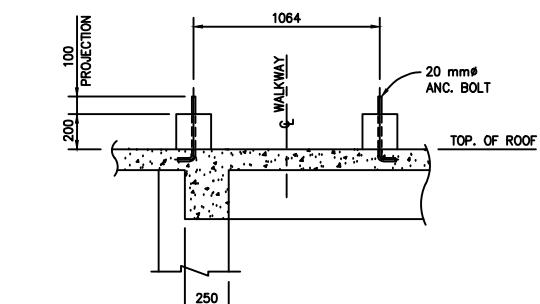
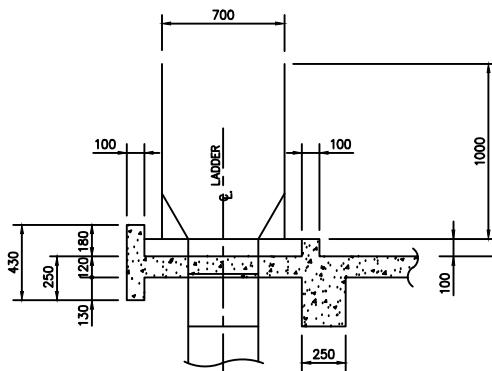
P.T. KIANI KERTAS  
KALIMANTAN TIMUR  
INDONESIA  
CONTROL BUILDING  
GROUND FLOOR , FIRST FLOOR SECTION

CHEMETICS INTERNATIONAL COMPANY Ltd  
1818 CORNWALL AVENUE  
VANCOUVER B.C. CANADA V6J 1C7  
APP APP : SCALE : 1 : 75  
DRAW'N JJ 15/02/'95 DRAWING NUMBER REV.  
A1-92C02400-6-2602 3



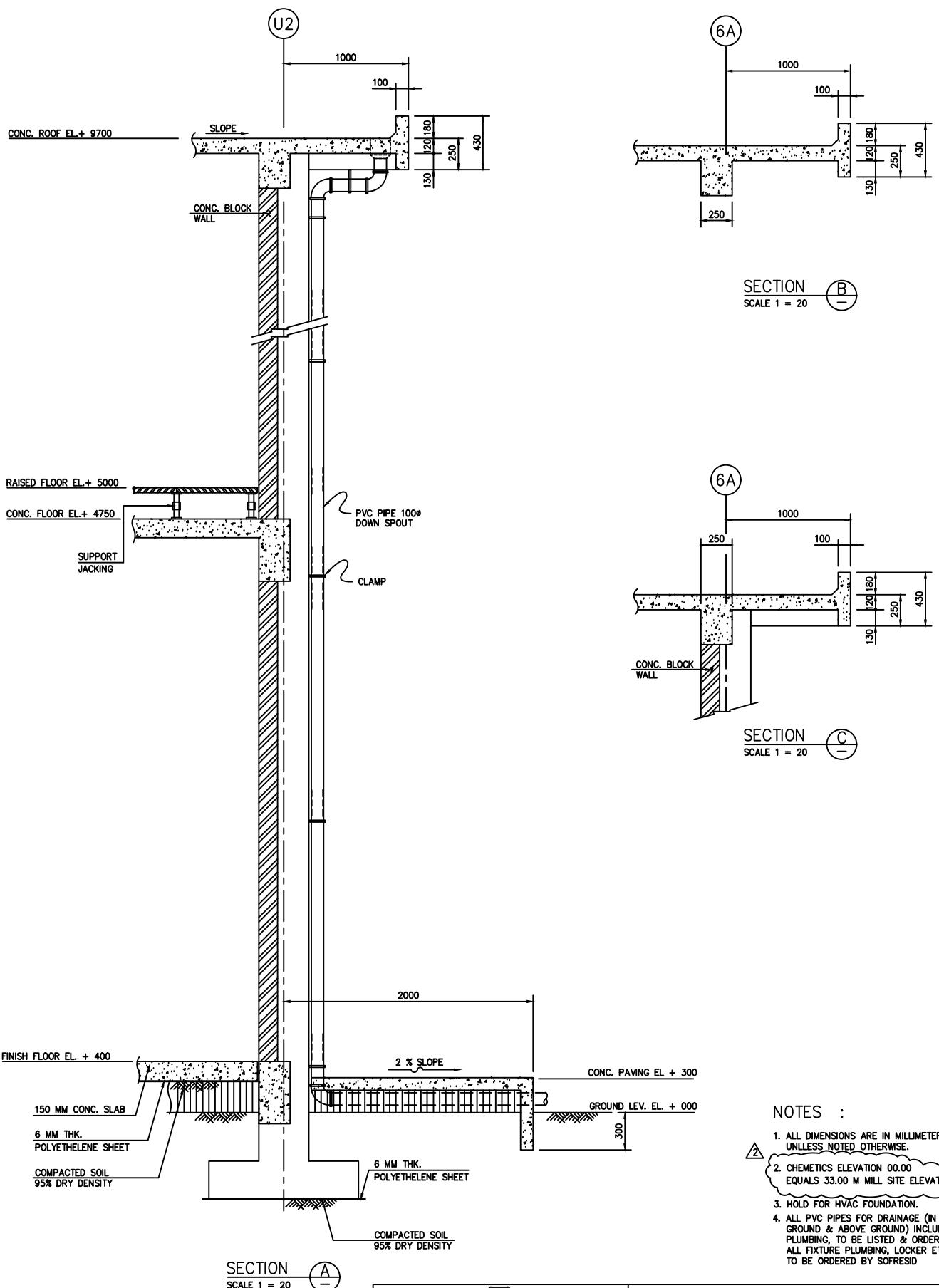
PLAN

SCALE 1 = 100



PAD FOR WALKWAY PLAN DETAIL  
SCALE 1 = 20

**DETAIL** 



SECTION A-A  
SCALE 1 = 20

**SPC**  
**SOFRESID**  
PT. SOFRESID SUPRACO INDONESIA

SIMONS PACIFIC CONSTRUCTORS PTY LTD

SPC DRAWING NUMBER \_\_\_\_\_ REV. \_\_\_\_\_

For more information about the study, please contact Dr. Michael J. Hwang at (310) 794-3000 or via email at [mhwang@ucla.edu](mailto:mhwang@ucla.edu).

**CHEMTECTS INTERNATIONAL COMPANY Ltd.**  
1818 CORNWALL AVENUE

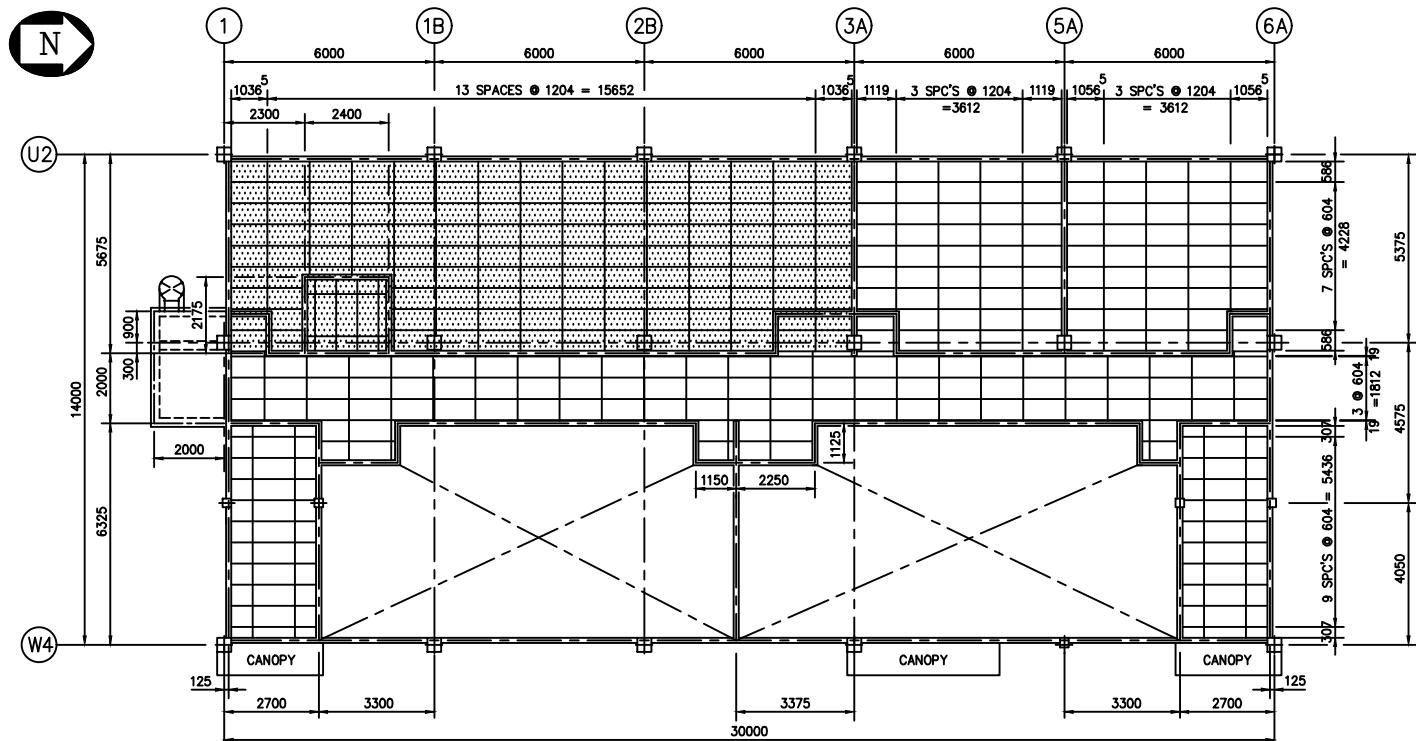
**EITS** 1818 CORNWALL AVENUE  
VANCOUVER B.C. CANADA V6J 1C7

APP : \_\_\_\_\_ SCALE : AS SHOWN

DRAWING NUMBER REV.  
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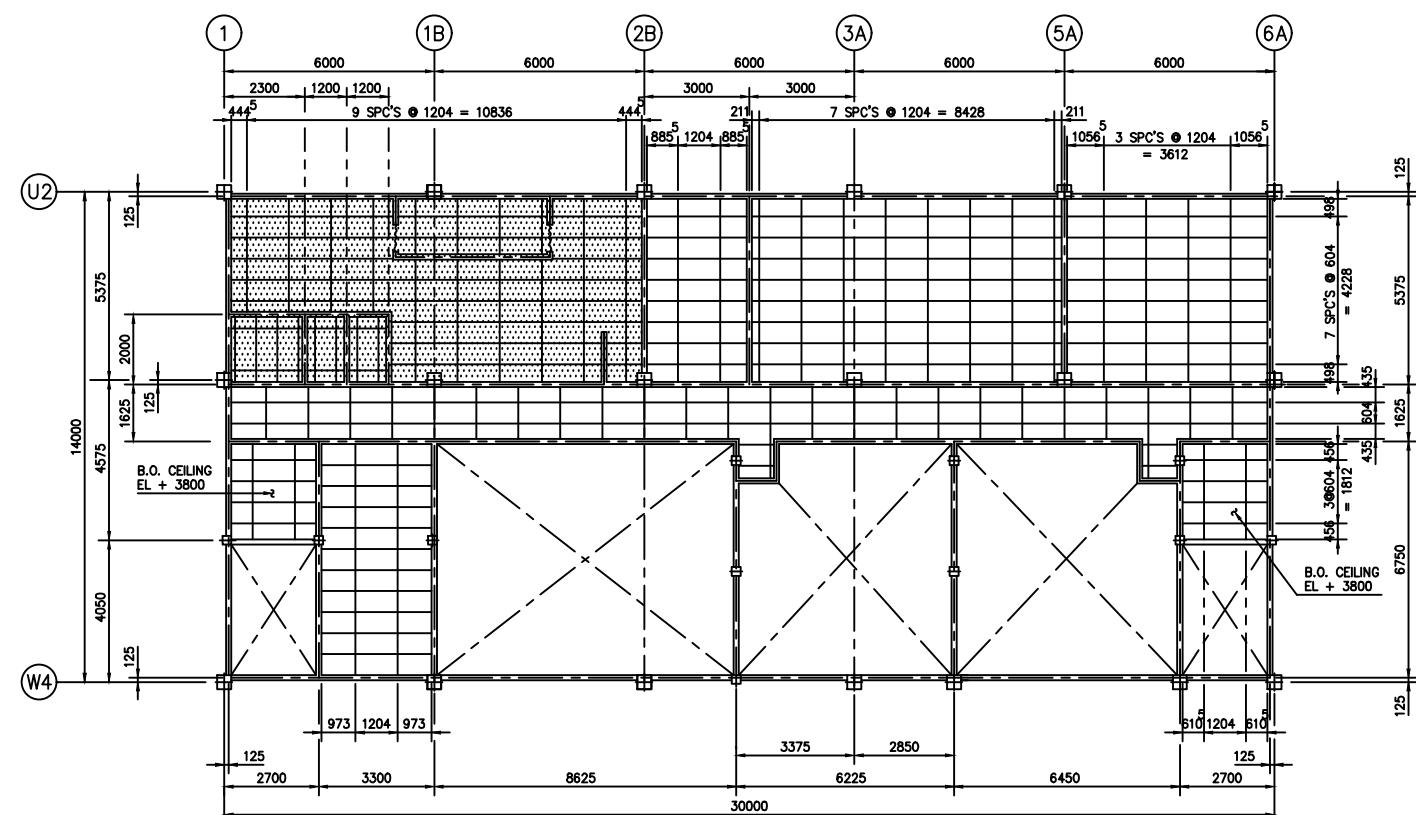
A1-92C02400-6-2603 2

<b>CHEMETICS</b>		CHEMETICS INTERNATIONAL COMPANY LTD. 1818 CORNWALL AVENUE VANCOUVER B.C. CANADA V6J 1C7		
P		APP :	SCALE :	AS SHOWN
CHECK		DRAWING NUMBER		REV.
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FIRST FLOOR FRAMING PLAN

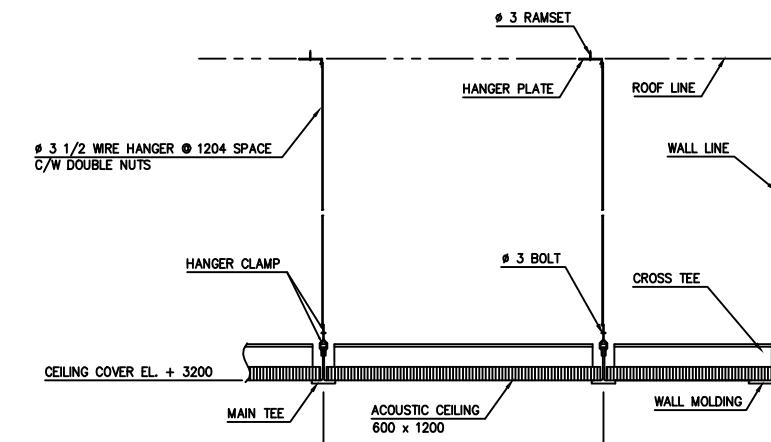
B.O. CEILING EL + 8000



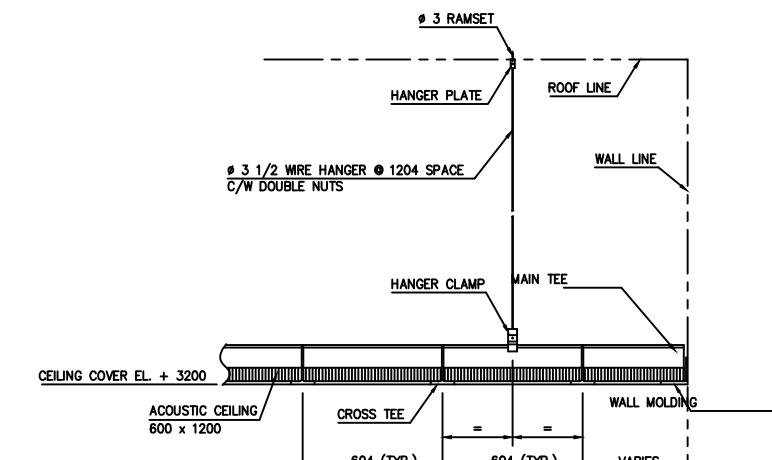
GROUND FLOOR FRAMING PLAN

B.O. CEILING EL + 3200

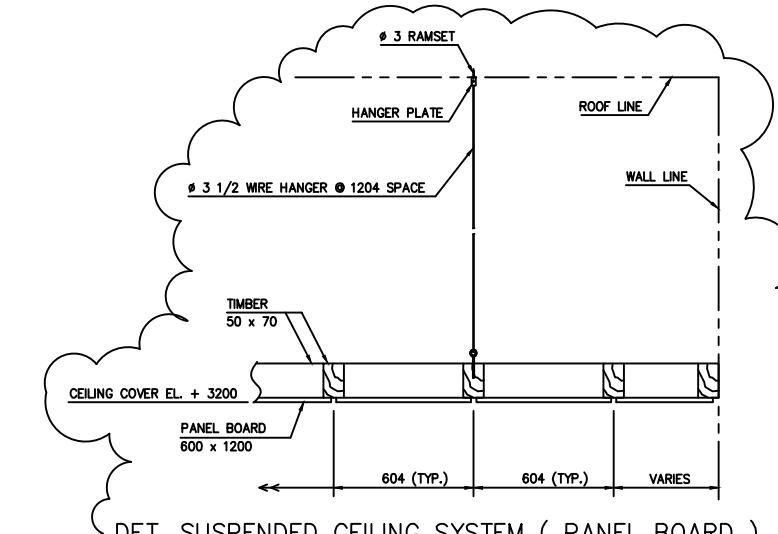
No.	REFERENCE DRAWING	DWG. No.	No.	ISSUED FOR		BY	DATE	No.	ISSUED FOR		BY	DATE	No.	REVISION		BY	DATE	APP No.	REVISION		BY	DATE	APP
				0	COMMENTS				JJ 22.3.95					0	—	1	CONSTRUCTION	JJ 2.5.95	1	AS MARKED			



DETAIL SUSPENDED CEILING SYSTEM ( ACOUSTIC )



DETAIL SUSPENDED CEILING SYSTEM ( ACOUSTIC )



DET. SUSPENDED CEILING SYSTEM ( PANEL BOARD )

- NOTES :
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
  2. CHEMETICS ELEVATION 0.00 EQUALS 33.00 M MILL SITE ELEVATION.
  3. PAINTED PANEL BOARD CEILING IN LOCKER ROOM, WASH ROOM AND LAB.

LEGEND :

- [Hatched Box] = PANEL BOARD CEILING  
[Solid Box] = ACOUSTIC CEILING

SPC  
**SOFRESID**  
INDONESIA  
PT. SOFRESID SUPRACO INDONESIA

SIMONS PACIFIC CONSTRUCTORS PTE. LTD.  
SPC DRAWING NUMBER

REV.

CHEMETICS INTERNATIONAL COMPANY Ltd

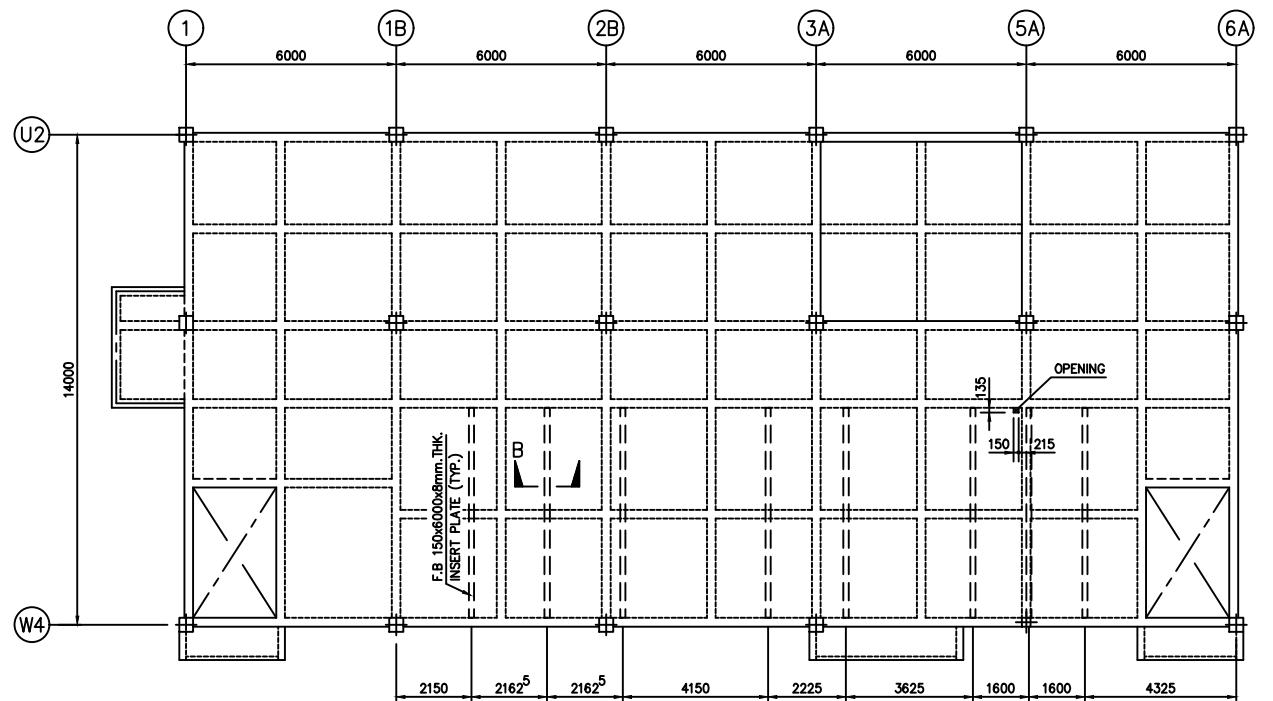
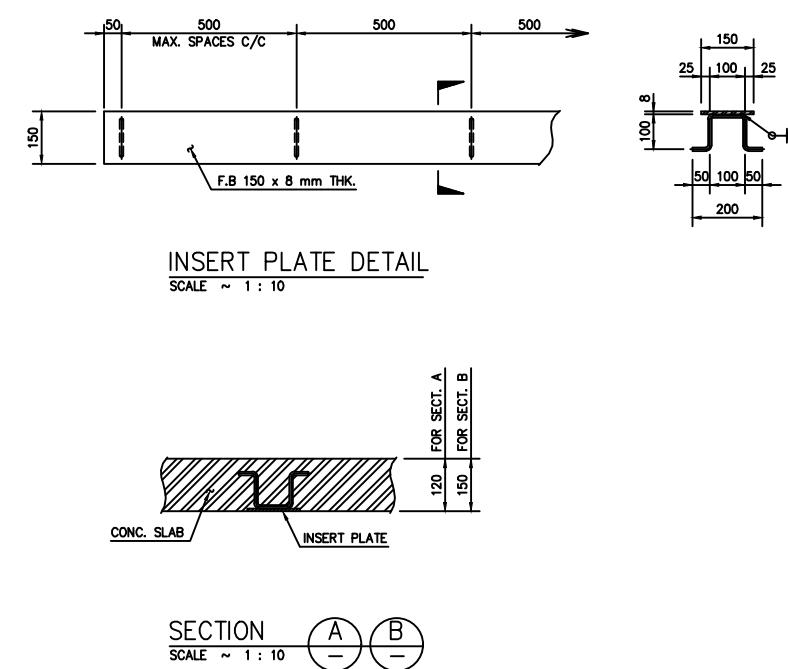
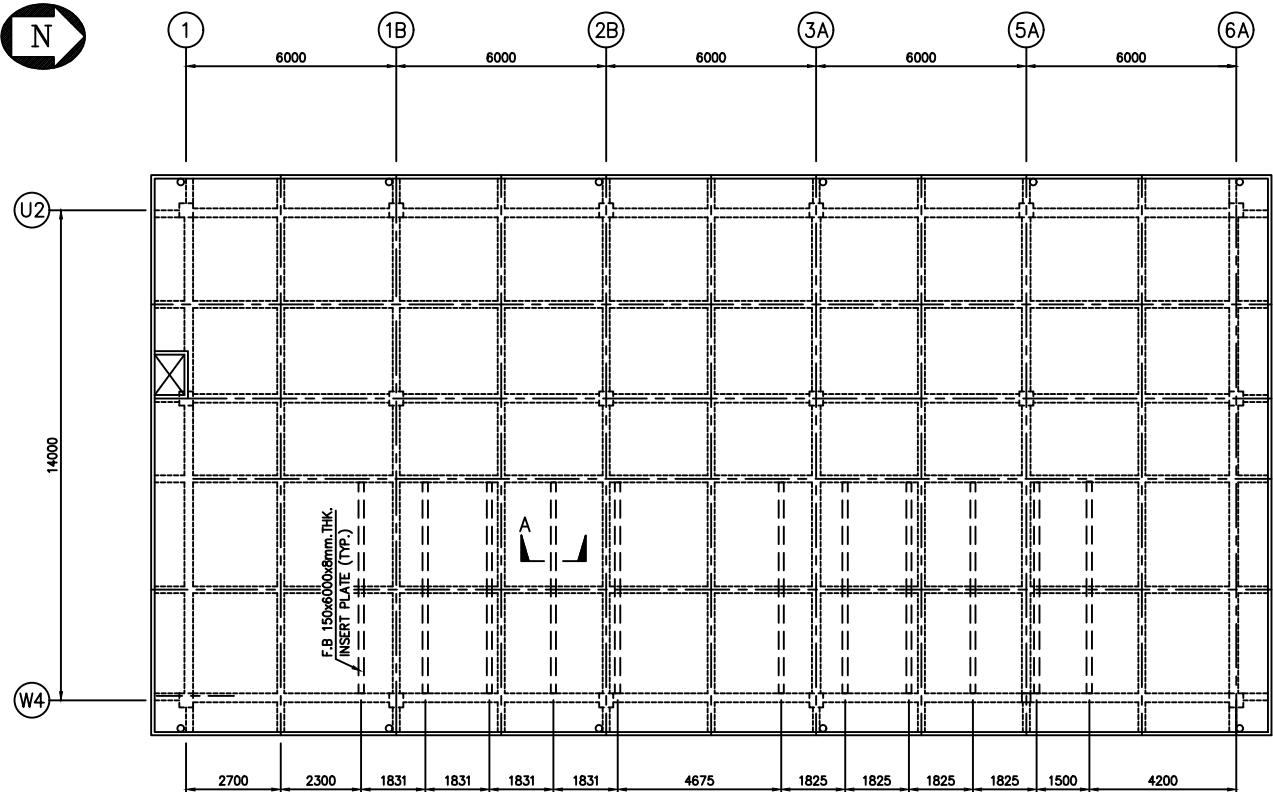
1818 CORNWALL AVENUE  
VANCOUVER B.C. CANADA V6J 1C7

**CHEMETICS**

CONTROL BUILDING APP APP : SCALE : 1 : 100

GROUND FLOOR & FIRST FLOOR CHECK DRAWING NUMBER

CEILING FRAMING PLAN AND DETAILS DRAWN'N JJ 14/03/95 REV. 1 A1-92C02400-6-2604



NOTES :

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
- CHEMETICS ELEVATION 00.00 EQUALS 33.00M MILL SITE ELEVATION

LEGEND :

- : LINE OF BEAMS
- — : LINE OF INSERT PLATE

No.	REFERENCE DRAWING	DWG. No.	No.	ISSUED FOR	BY	DATE	No.	ISSUED FOR	BY	DATE	No.	REVISION	BY	DATE	APP No.	REVISION	BY	DATE	APP
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			1	CONSTRUCTION	JJ	19.7.95					1	AS MARKED			5	AS MARKED			

PT. SOFRESID SUPRACO INDONESIA	SIMONS PACIFIC CONSTRUCTORS PTE. LTD.		
	SPC DRAWING NUMBER		REV.
P.T. KIANI KERTAS KALIMANTAN TIMUR	SPC	SIMONS PACIFIC CONSTRUCTORS PTE. LTD.	
INDONESIA			
CONTROL BUILDING	APP	APP :	SCALE : AS SHOWN
FLOOR OPENING & INSERT PLATE LAYOUT	CHECK		
	DRAW'N JJ	08/06/'95	DRAWING NUMBER
			REV. 1
			A1-92C02400-6-2605

CHEMETICS INTERNATIONAL COMPANY Ltd  
1818 CORNWALL AVENUE  
VANCOUVER B.C. CANADA V6J 1C7

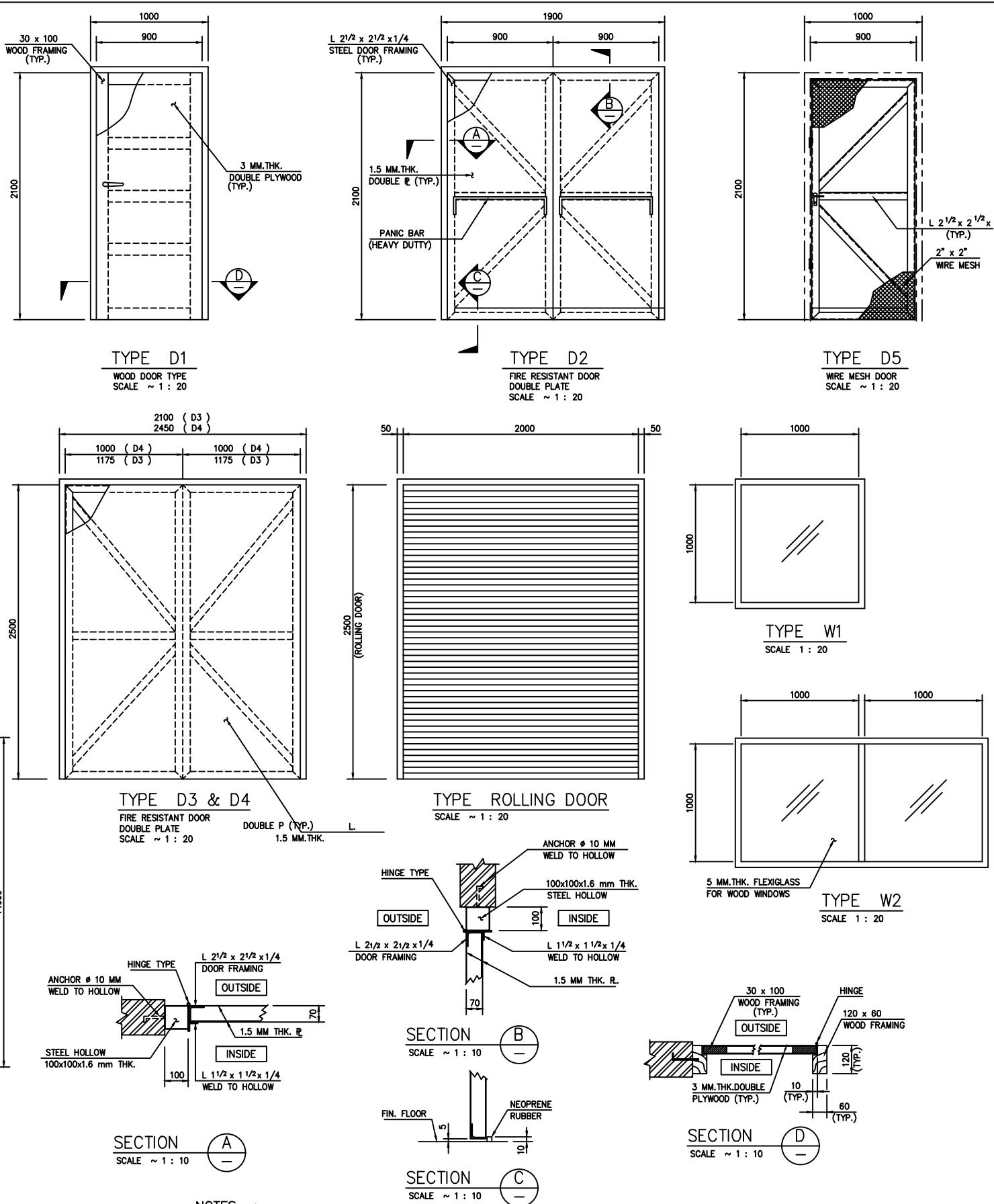
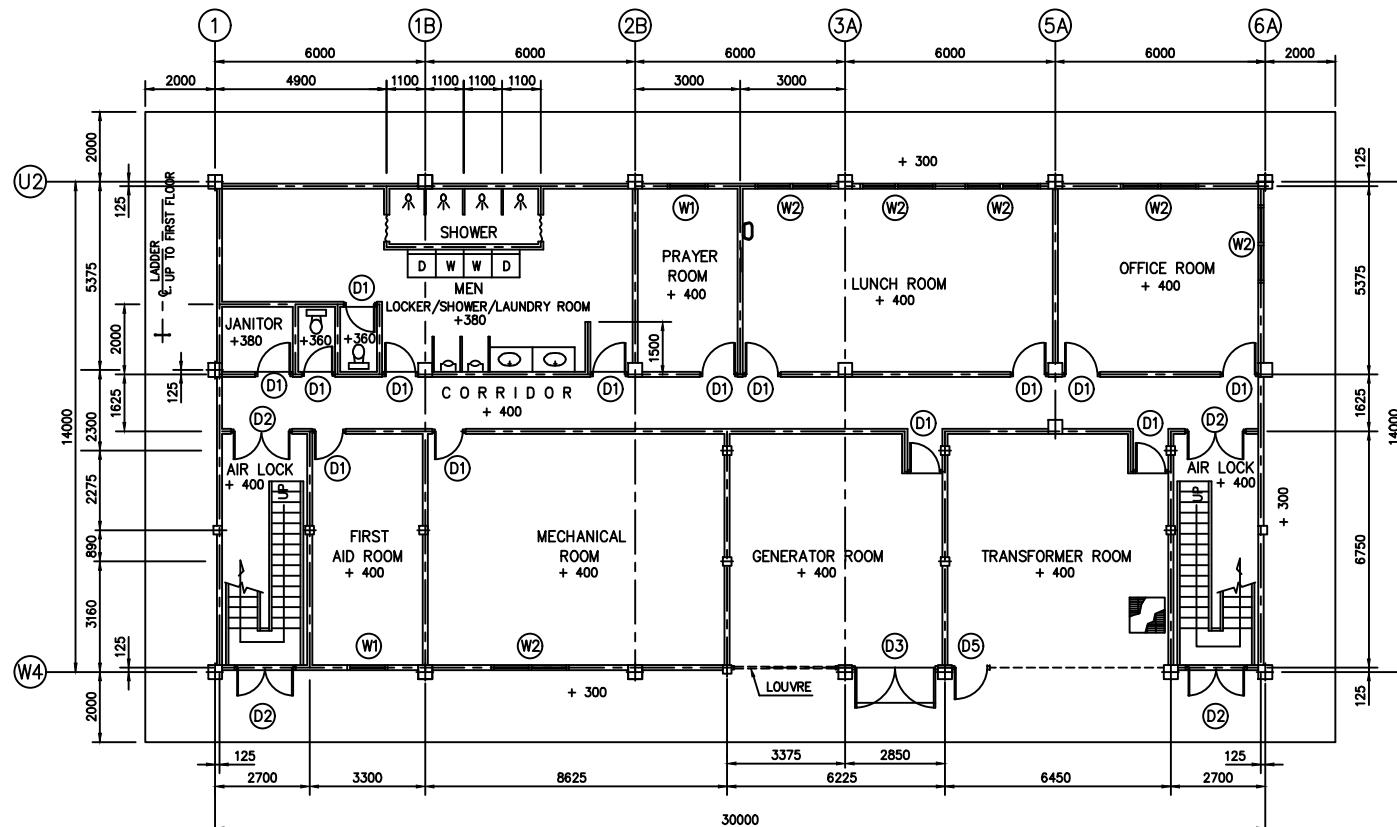
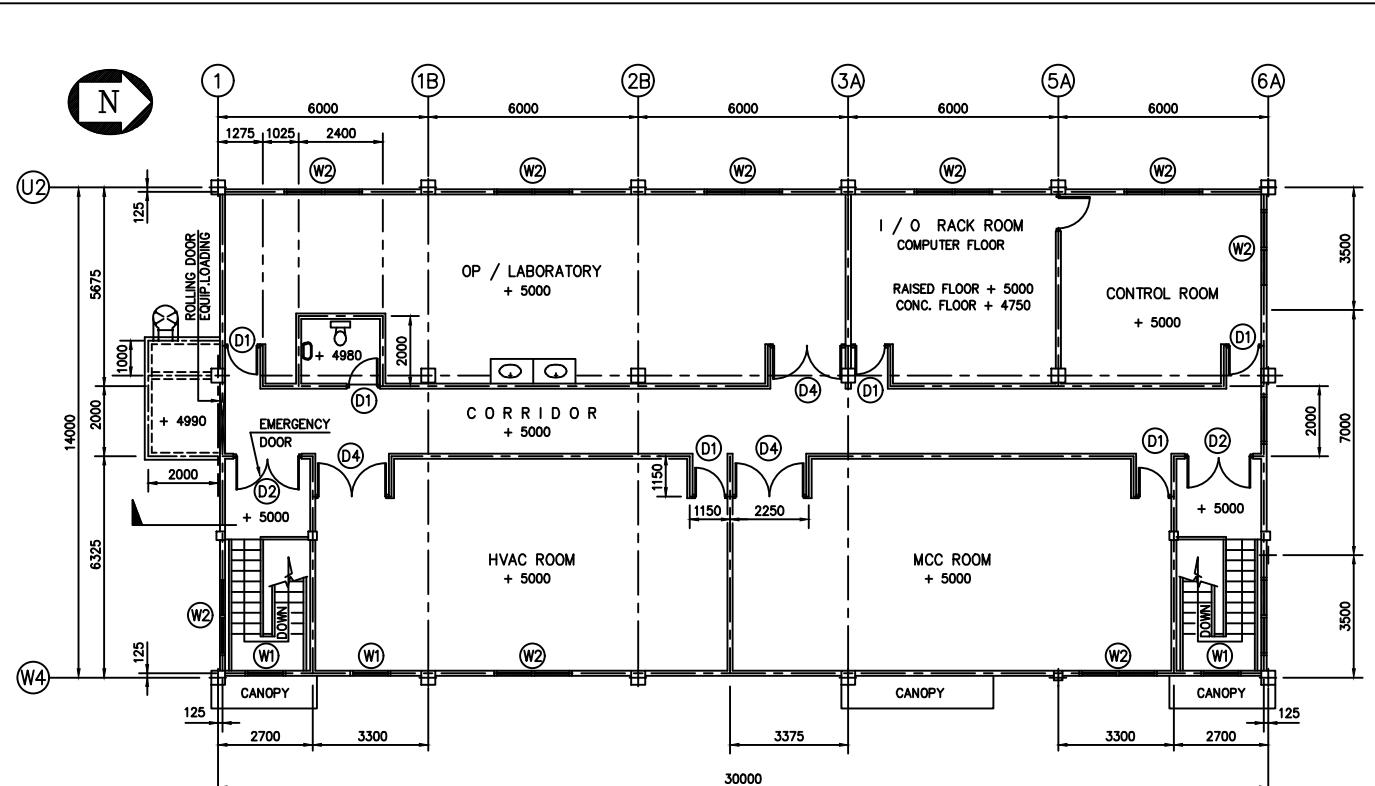
FLOOR OPENING & INSERT PLATE LAYOUT

CHEMETICS

DRAWING NUMBER

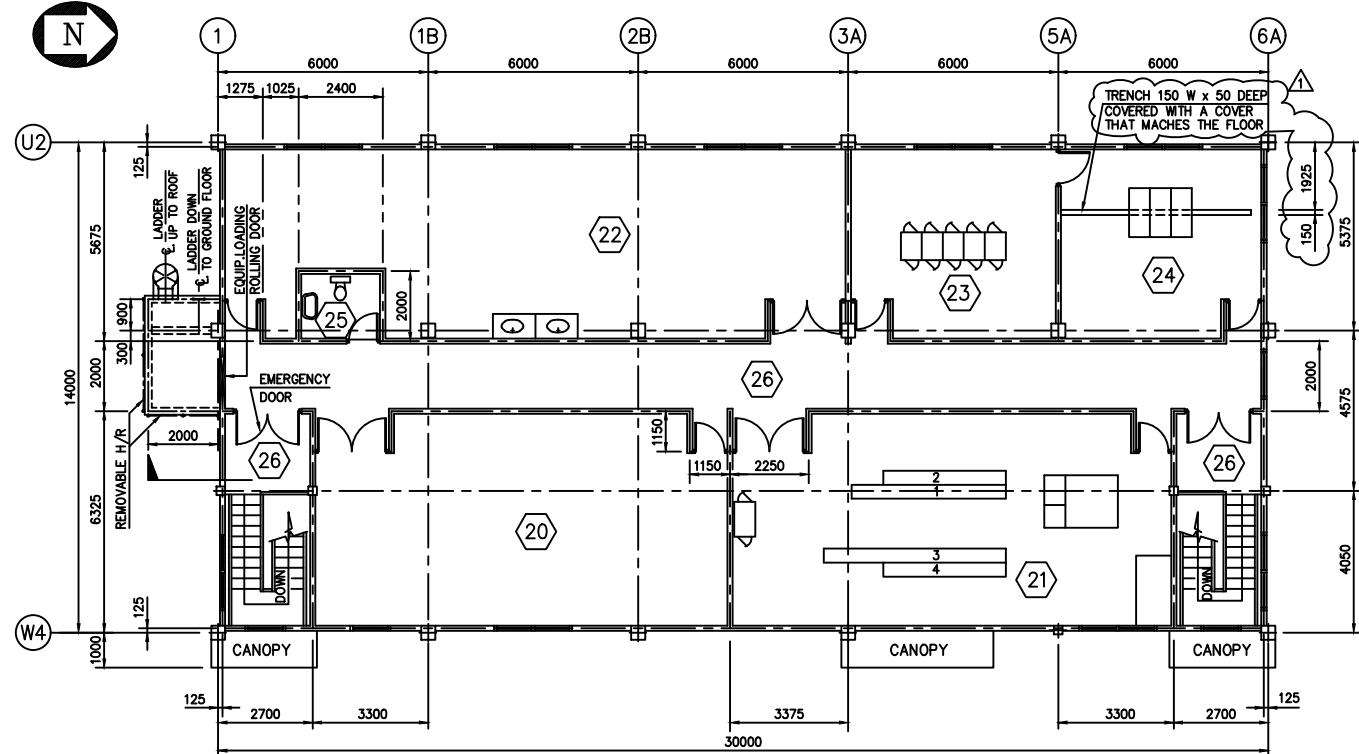
REV. 1

A1-92C02400-6-2605

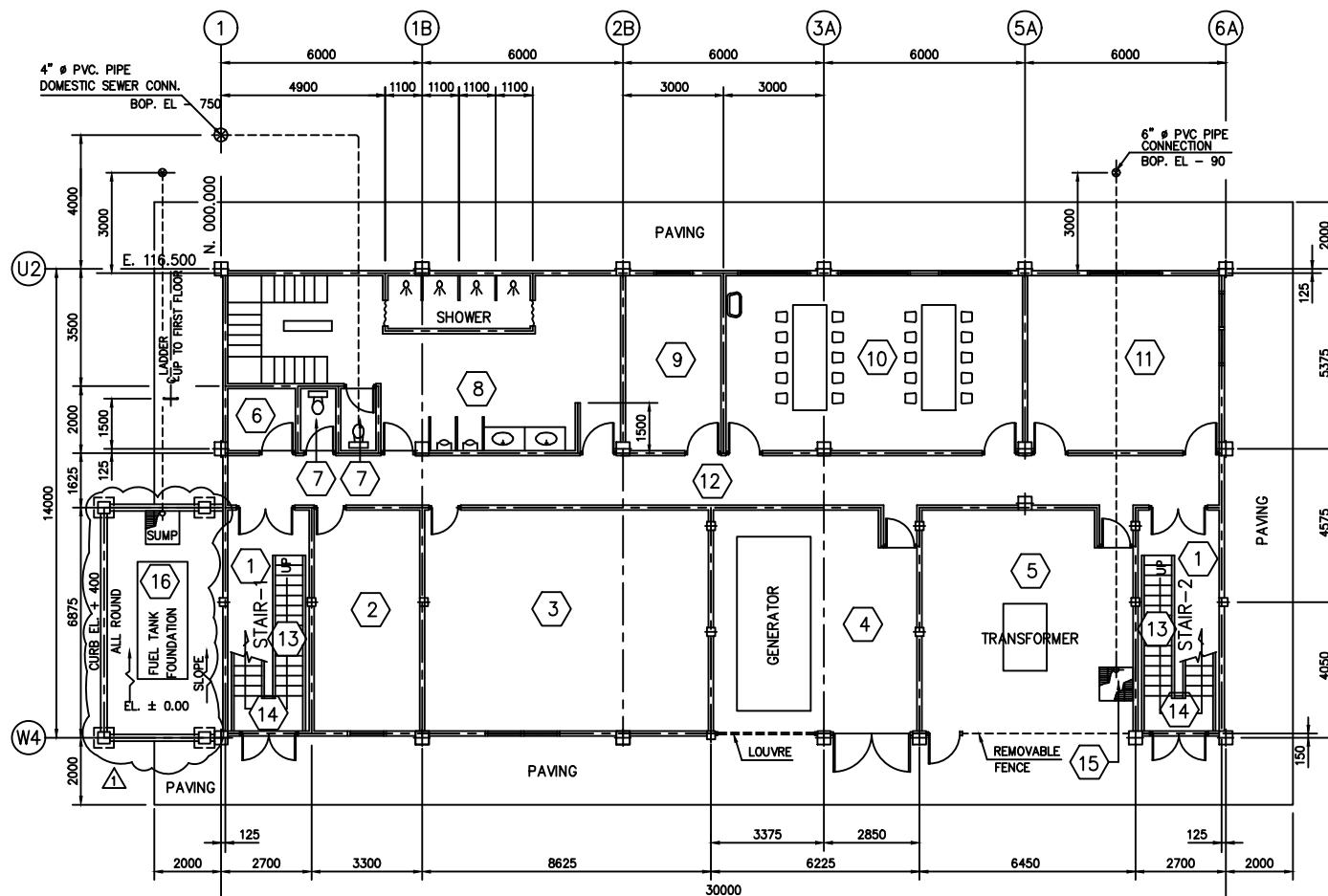


No.	REFERENCE DRAWING	DWG. No.	ISSUED FOR	BY	DATE	No.	ISSUED FOR	BY	DATE	No.	REVISION	BY	DATE	APP No.	REVISION	BY	DATE	APP
		0	COMMENTS		EYD/12.5.95													
		1	CONSTRUCTION		EYD/20.7.95						AS MARKED							

PT. SOFRESID SUPRACO INDONESIA	P.T. KIANI KERTAS KALIMANTAN TIMUR	SIMONS PACIFIC CONSTRUCTORS PTE. LTD.		
		SPC DRAWING NUMBER	REV.	SPC
<b>CHEMETICS</b>	CHEMETICS INTERNATIONAL COMPANY Ltd 1818 CORNWALL AVENUE VANCOUVER B.C. CANADA V6J 1C7	APP	APP :	APP
	DOOR & WINDOWS SCHEDULES	CHECK		
	DRAWN' JJ	10/4/95	DRAWING NUMBER	REV.
			A1-92C02400-6-2606	1



## FIRST FLOOR PLAN EL.+ 5000



GROUND FLOOR PLAN EL.+ 400

## EXTERIOR FINISHING SCHEDULE

PLACE	MATERIAL	REMARKS
ROOF , CANOPY & EQUIPMENT LOADING	ROOFING COVER : CONCRETE SCREED, EXP. JOINT W = 25 mm WATER PROOFING : ASPHALT MEMBRANE 3-LAYER BUILT UP INSULATION : POLYSTERENE THK. = 12 mm ROOF DRAIN : CAST IRON ROOF DRAIN DOWN SPOUT : PVC PIPE Ø 100 mm	
EXTERIOR WALL	WALL : CEMENT PLASTER ON CONCRETE BLOCK WITH ACRYLIC EMULSION PAINT (AEP) FRAME : CEMENT PLASTER ON REINFORCED CONCRETE WITH ACRYLIC EMULSION PAINT (AEP) CONTROL JOINT : SEALANT W = 15 mm	UNLESS NOTED OTHERWISE EXTERIOR CONCRETE CORNERS EXPOSED TO VIEW SHALL HAVE 25 mm CHAMFERS
OTHERS	LADDER : GALVANIZED STEEL PIPE Ø 48.3 mm HANDRAIL : GALVANIZED STEEL PIPE Ø 48.3 mm PAVING : CONCRETE STEEL TROWEL	

## INTERIOR FINISHING SCHEDULE

NO.	LOCATION	FLOOR	BASE BOARD	WALL	CEILING
	GROUND FLOOR				
1	AIR LOCK	CERAMIC TILE	CERAMIC TILE	CEMENT PLASTER WITH AEP	ACOUSTIC BOARD
2	FIRST AID ROOM	CERAMIC TILE	CERAMIC TILE	CEMENT PLASTER WITH AEP	ACOUSTIC BOARD
3	MECHANICAL ROOM	STEEL TROWEL FINISH	-	CEMENT PLASTER WITH AEP	CONCRETE EXPOSED + AEP
4	GENERATOR ROOM	STEEL TROWEL FINISH	-	CEMENT PLASTER WITH AEP + LOUVRE	CONCRETE EXPOSED + AEP
5	TRANSFORMER ROOM	STEEL TROWEL FINISH	-	CEMENT PLASTER WITH AEP + FENCE	CONCRETE EXPOSED + AEP
6	JANITOR	CERAMIC TILE	CERAMIC TILE ( +1600 )	CEMENT PLASTER WITH AEP	10 mm THK PLYWOOD BOARD
7	TOILET	CERAMIC TILE	CERAMIC TILE ( +1600 )	CEMENT PLASTER WITH AEP	10 mm THK PLYWOOD BOARD
8	LOCKER / SHOWER ROOM 	CERAMIC TILE	CERAMIC TILE ( +1600 )	CEMENT PLASTER WITH AEP	10 mm THK PLYWOOD BOARD
9	PRAYER ROOM	CERAMIC TILE	CERAMIC TILE	CEMENT PLASTER WITH AEP	ACOUSTIC BOARD
10	LUNCH ROOM	CERAMIC TILE	CERAMIC TILE	CEMENT PLASTER WITH AEP	ACOUSTIC BOARD
11	OFFICE ROOM	CERAMIC TILE	CERAMIC TILE	CEMENT PLASTER WITH AEP	ACOUSTIC BOARD
12	CORRIDOR	CERAMIC TILE	CERAMIC TILE	CEMENT PLASTER WITH AEP	ACOUSTIC BOARD
13	STAIRWAY	CERAMIC TILE + NON SLIP TILE	CERAMIC TILE	HANDRAIL GALV. PIPE	-
14	STAIR LANDING	CERAMIC TILE	CERAMIC TILE	CEMENT PLASTER WITH AEP	-
15	OIL SUMP	STEEL TROWEL FINISH + GALV. GRATING COVER	-	STEEL TROWEL FINISH	-
16	FUEL TANK ROOM	STEEL TROWEL FINISH	-	CURB	-
 FIRST FLOOR					
20	HVAC ROOM	PVC TILE	PVC BASE	CEMENT PLASTER WITH AEP	CONCRETE EXPOSED + AEP
21	MCC ROOM	PVC TILE	PVC BASE	CEMENT PLASTER WITH AEP	CONCRETE EXPOSED + AEP
22	LABORATORY ROOM	PVC TILE	PVC BASE	CEMENT PLASTER WITH AEP	10 mm THK PLYWOOD BOARD
23	I/D RACK & COMPUTER ROOM	RAISED FLOOR/ PVC TILE FLOOR COATING	CERAMIC TILE	CEMENT PLASTER WITH AEP	ACOUSTIC BOARD
24	CONTROL ROOM	PVC TILE 	CERAMIC TILE	CEMENT PLASTER WITH AEP	ACOUSTIC BOARD
25	TOILET	CERAMIC TILE	CERAMIC TILE ( +1600 )	CEMENT PLASTER WITH AEP	10 mm THK PLYWOOD BOARD
26	CORRIDOR	CERAMIC TILE	CERAMIC TILE	CEMENT PLASTER WITH AEP	ACOUSTIC BOARD

## NOTES :

- 1.** ALL DIMENSIONS ARE IN MILLIMETERS  
UNLESS NOTED OTHERWISE.  
**1** 2. CHEMTECS ELEVATION 00.00  
EQUALS 33.00 M MILL SITE ELEVATION

SIMONS PACIFIC CONSTRUCTORS PTE. LTD.

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**SPC DRAWING NUMBER**

10.1002/anie.201907002

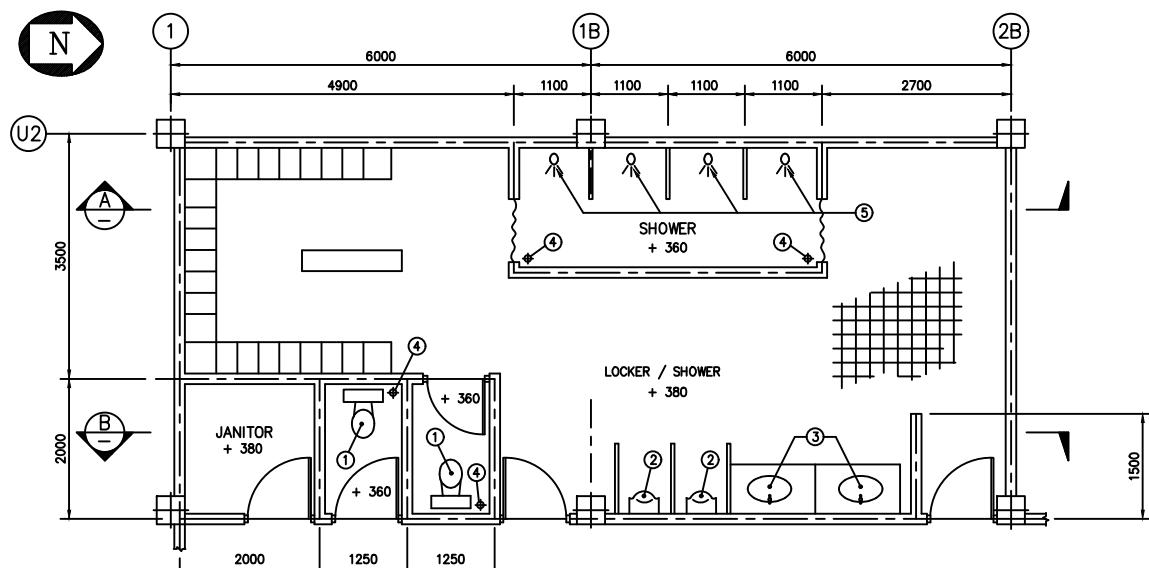
**PT. SOFRESID SUPRACO INDONESIA**

**CHEMTECHS** CHEMTECHS INTERNATIONAL COMPANY INC.  
1818 CORNWALL AVENUE

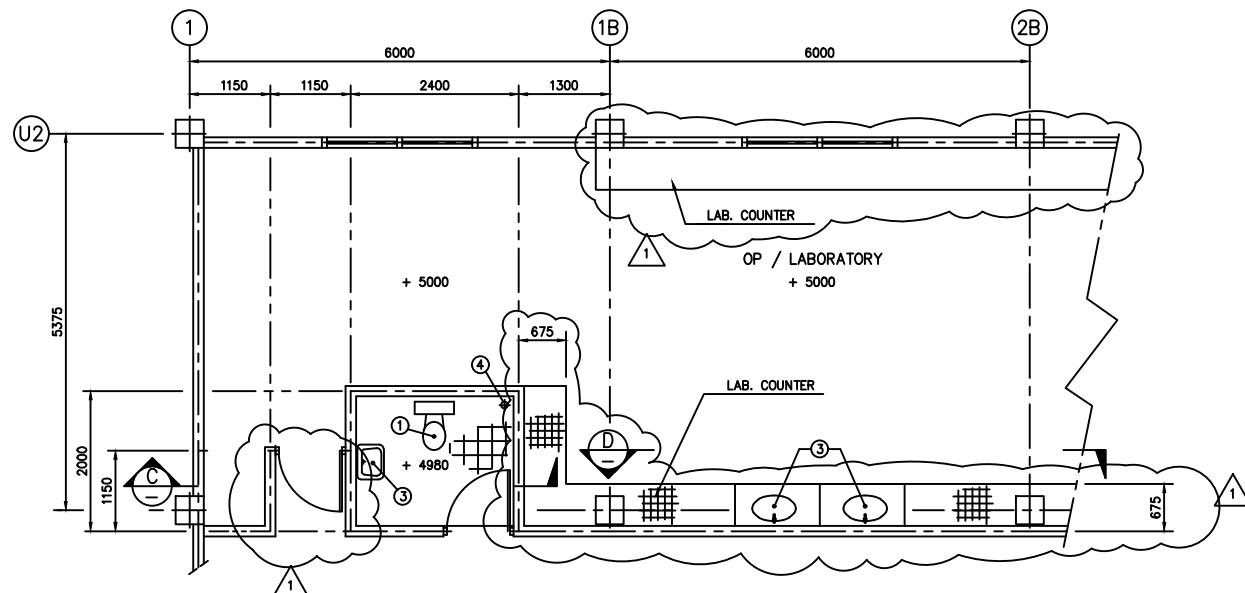
VANCOUVER

SCALE : 1 : 100

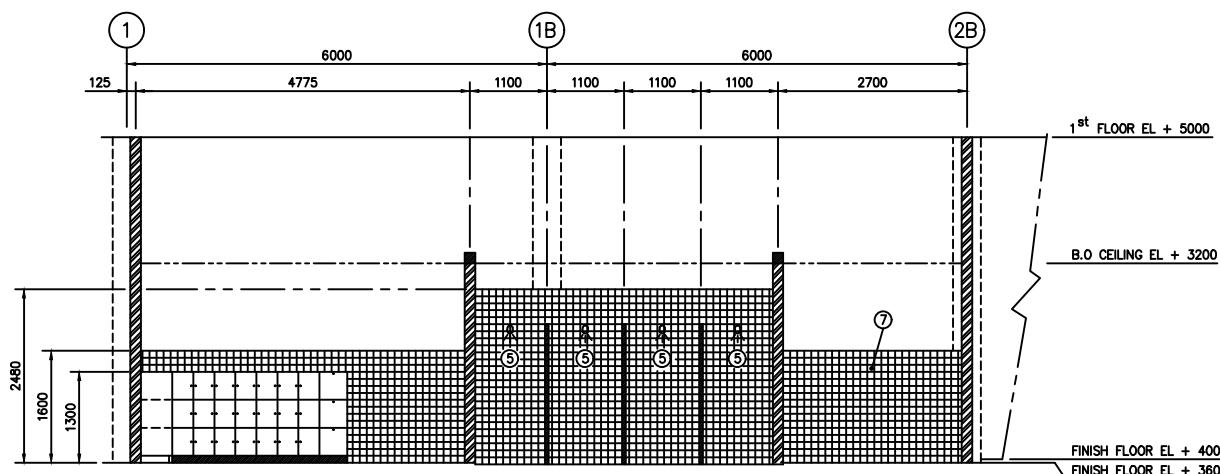
KALIMANTAN TIMUR INDONESIA **CHENETICS** VANCUVER B.C. CANADA V6J 1C7  
 CONTROL BUILDING APP APP : SCALE : 1 : 100  
 EXTERIOR & INTERIOR FINISHING SCHEDULES CHECK DRAWING NUMBER REV  
 DRAW'N JJ 17/05/'95 A1-92C02400-6-2607 1



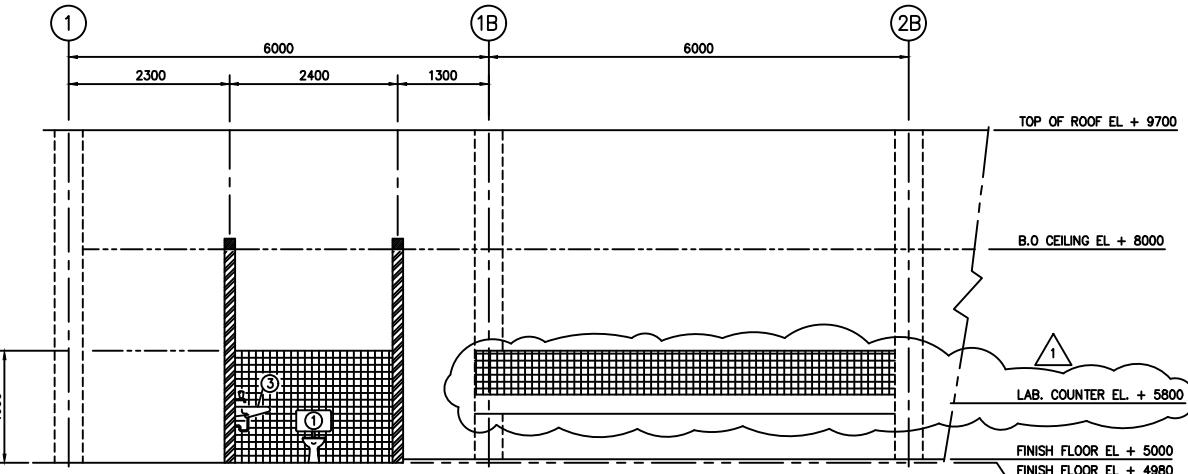
PLAN WASHROOM AT GROUND FLOOR



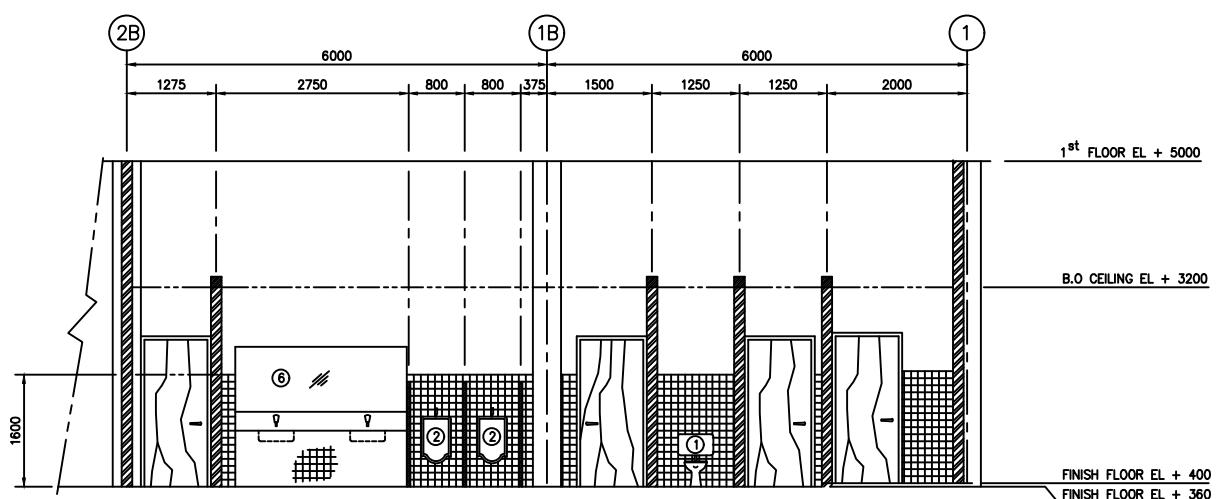
PLAN TOILET AT FIRST FLOOR



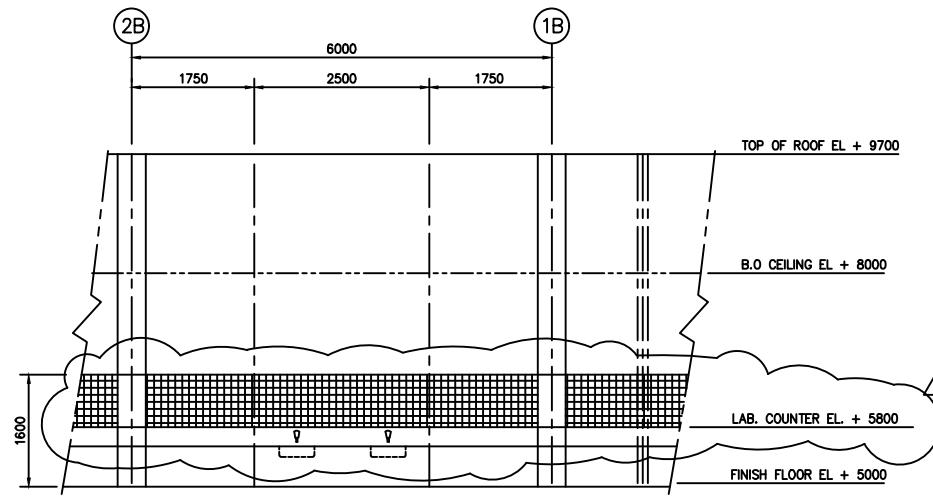
SECTION A-A



SECTION C-C



SECTION B-B



SECTION D-D

### NOTES

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
2. CHEMETICS ELEVATION 00.00 EQUALS 33.00 M MILL SITE ELEVATION

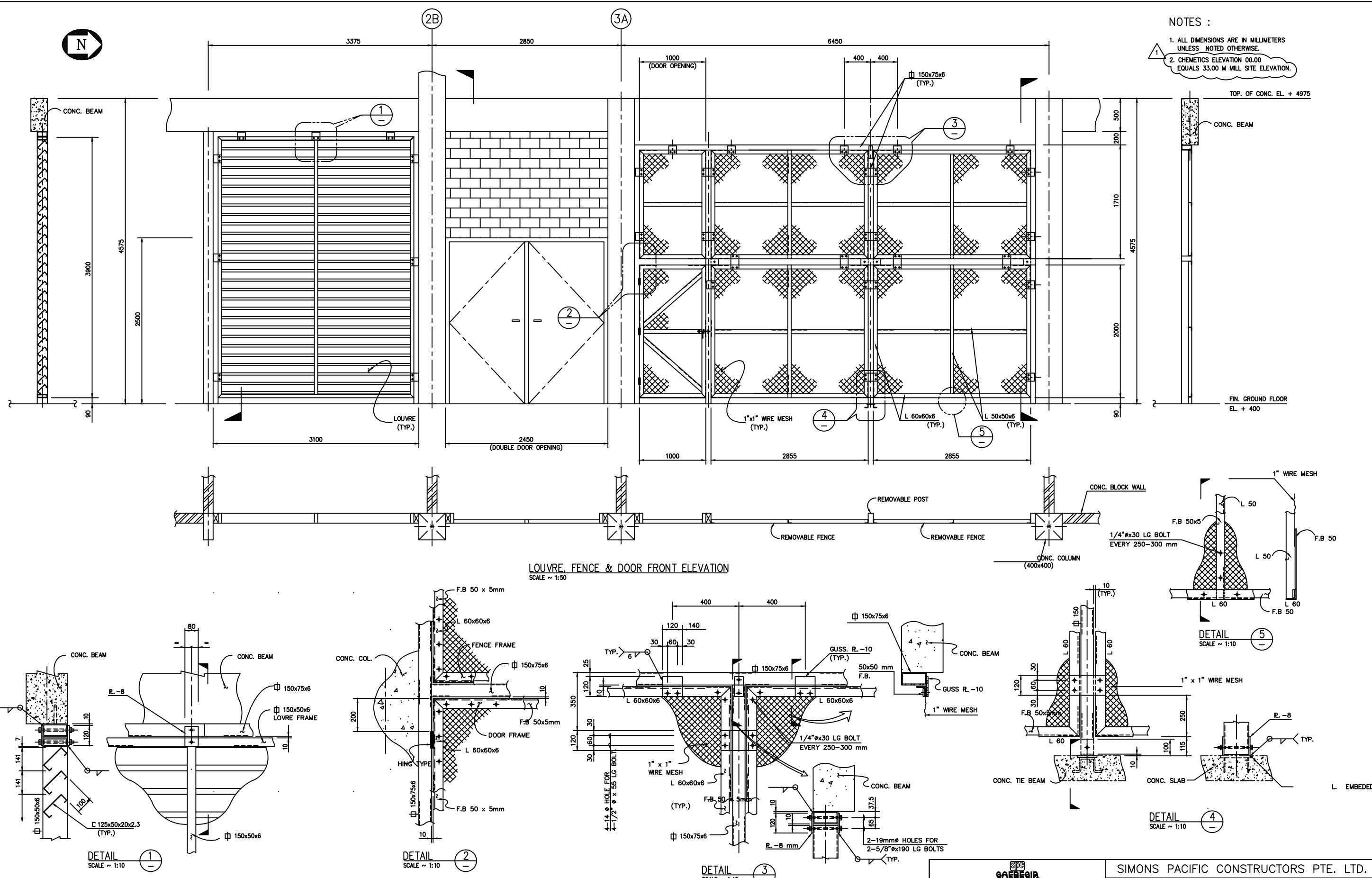
### LEGEND

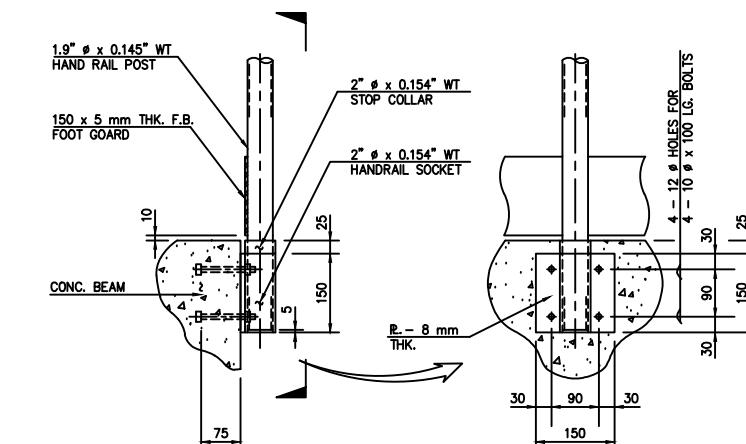
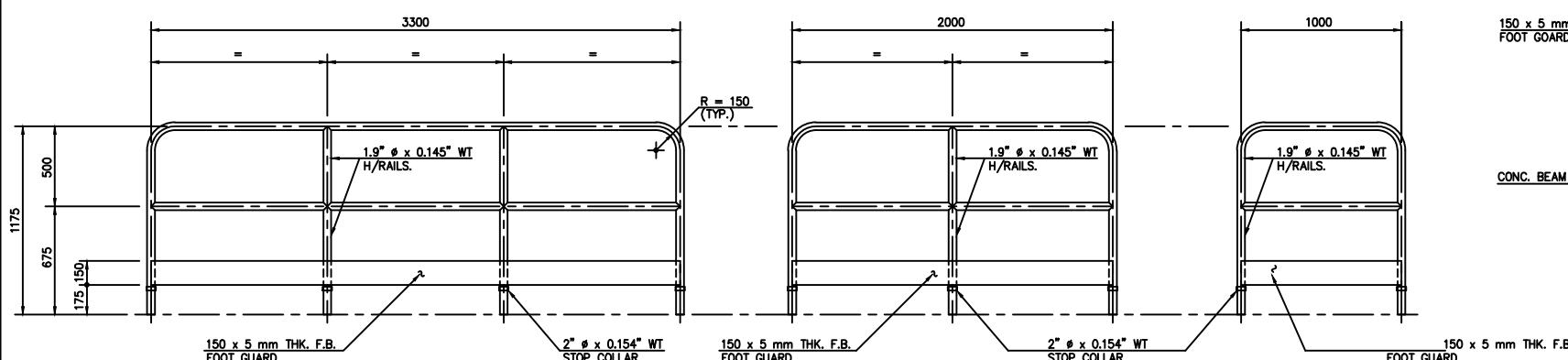
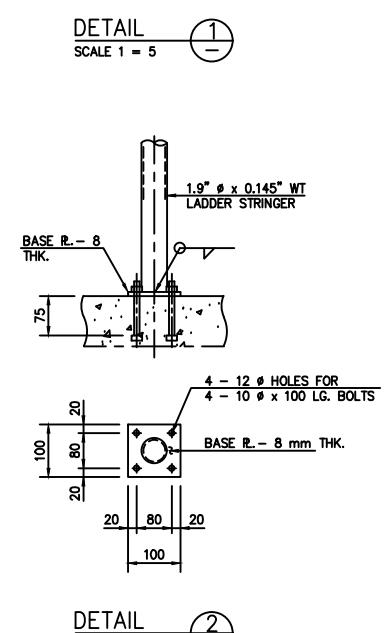
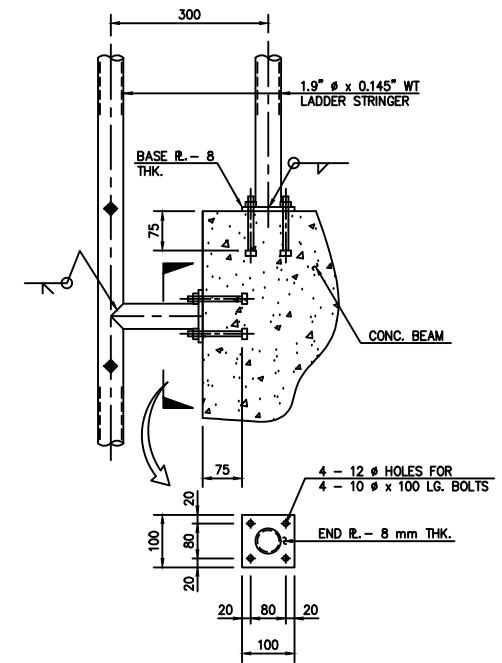
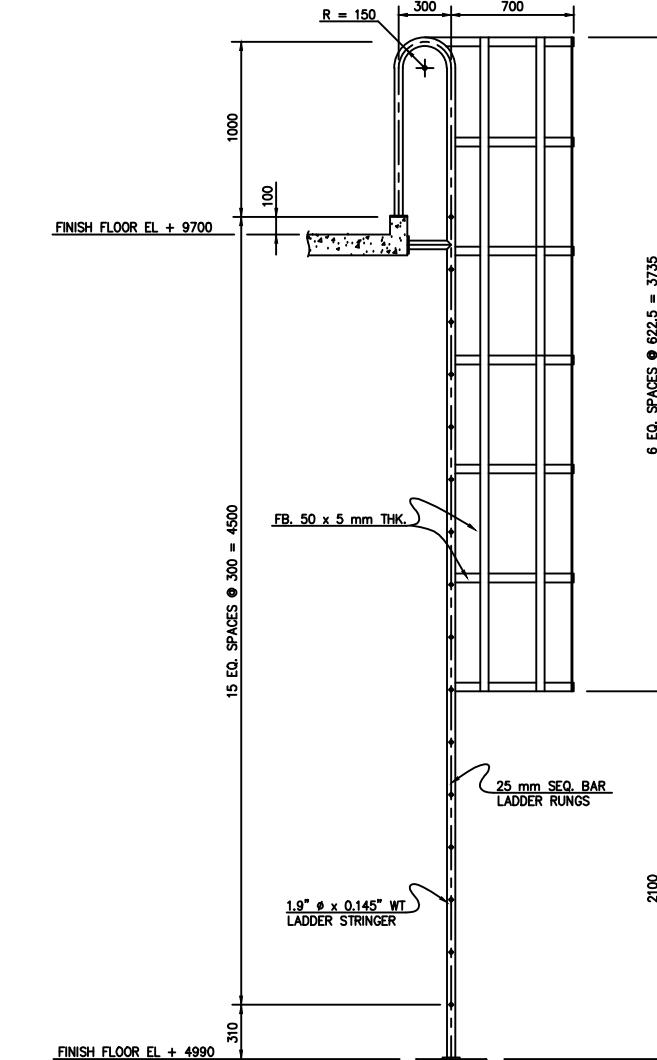
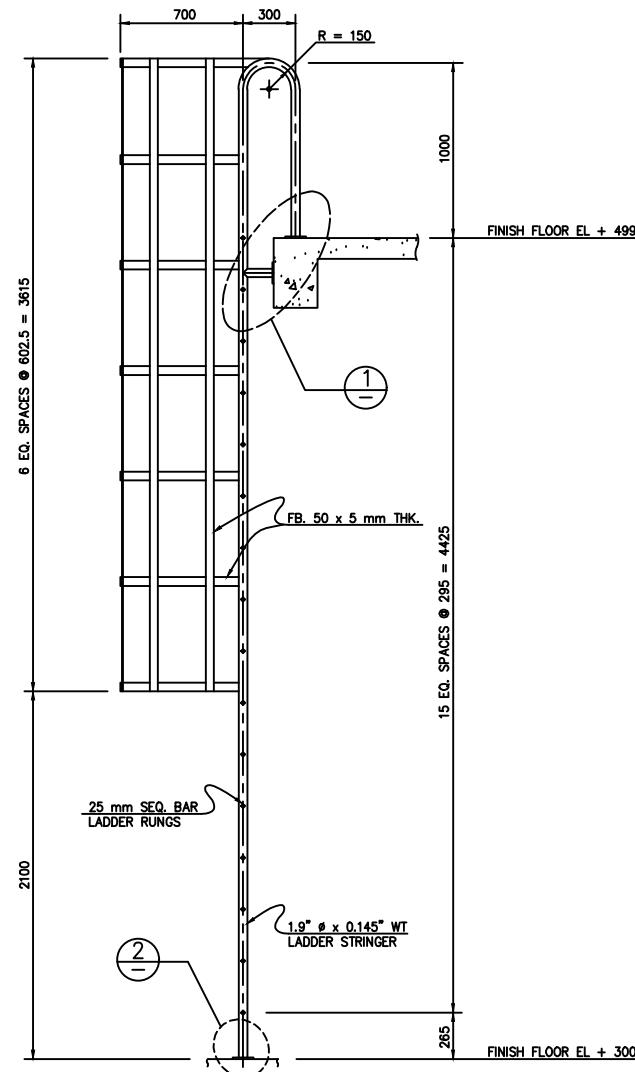
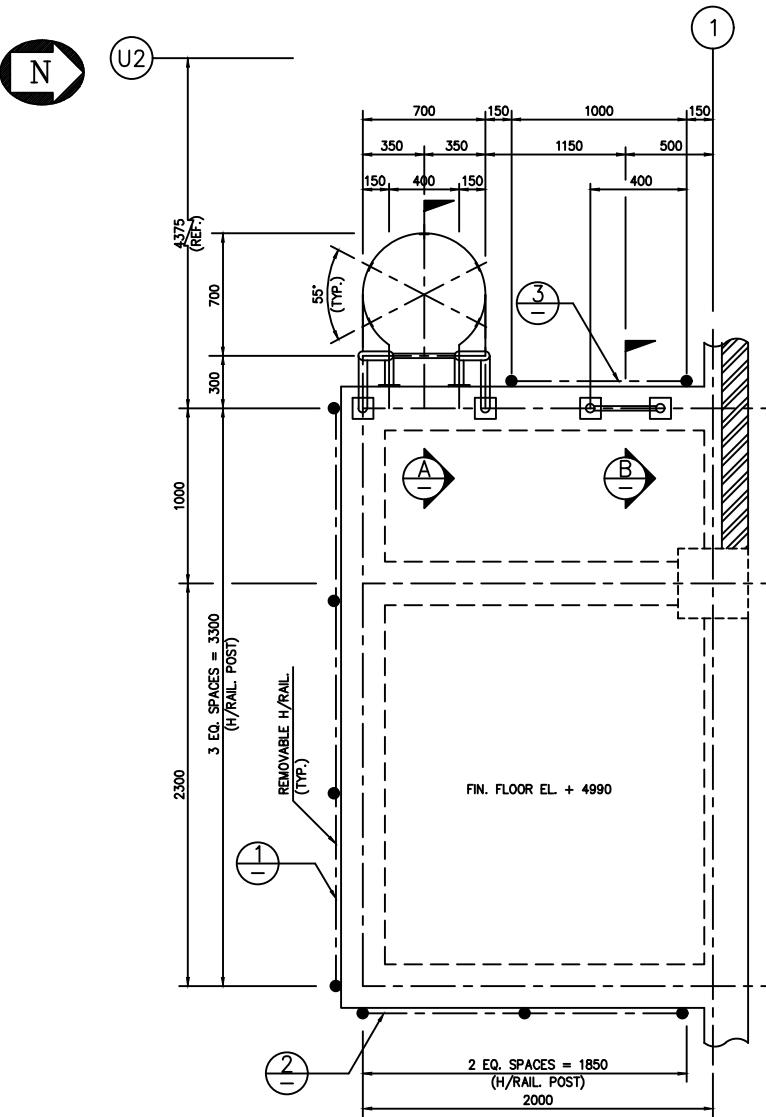
1. CLOSET BODY
2. URINOIR
3. WASHTAFEL
4. FLOOR STRAINER
5. SHOWER
6. MIRROR
7. CERAMIC TILE 100 x 100

No.	REFERENCE DRAWING	DWG. No.	ISSUED FOR	BY	DATE	No.	ISSUED FOR	BY	DATE	No.	REVISION	BY	DATE	APP No.	REVISION	BY	DATE	APP	
		0	COMMENTS		JJ 24.3.95						-								
		1	CONSTRUCTION		EYD 20.7.95						AS MARKED								

**SPC**  
**SOFRESID**  
**INDONESIA**  
**PT. SOFRESID SUPRACO INDONESIA**

**SIMONS PACIFIC CONSTRUCTORS PTE. LTD.**  
**SPC DRAWING NUMBER** **REV.**  
**CHEMETICS** **CHEMETICS INTERNATIONAL COMPANY Ltd**  
**1818 CORNWALL AVENUE**  
**VANCOUVER B.C. CANADA V6J 1C7**  
**CONTROL BUILDING** **APP** **APP :** **SCALE : 1 : 50**  
**WASHROOM / LOCKER ROOM** **CHECK** **DRAW'N JJ** **31/03/'95** **DRAWING NUMBER** **REV.**  
**A1-92C02400-6-2608** **1**





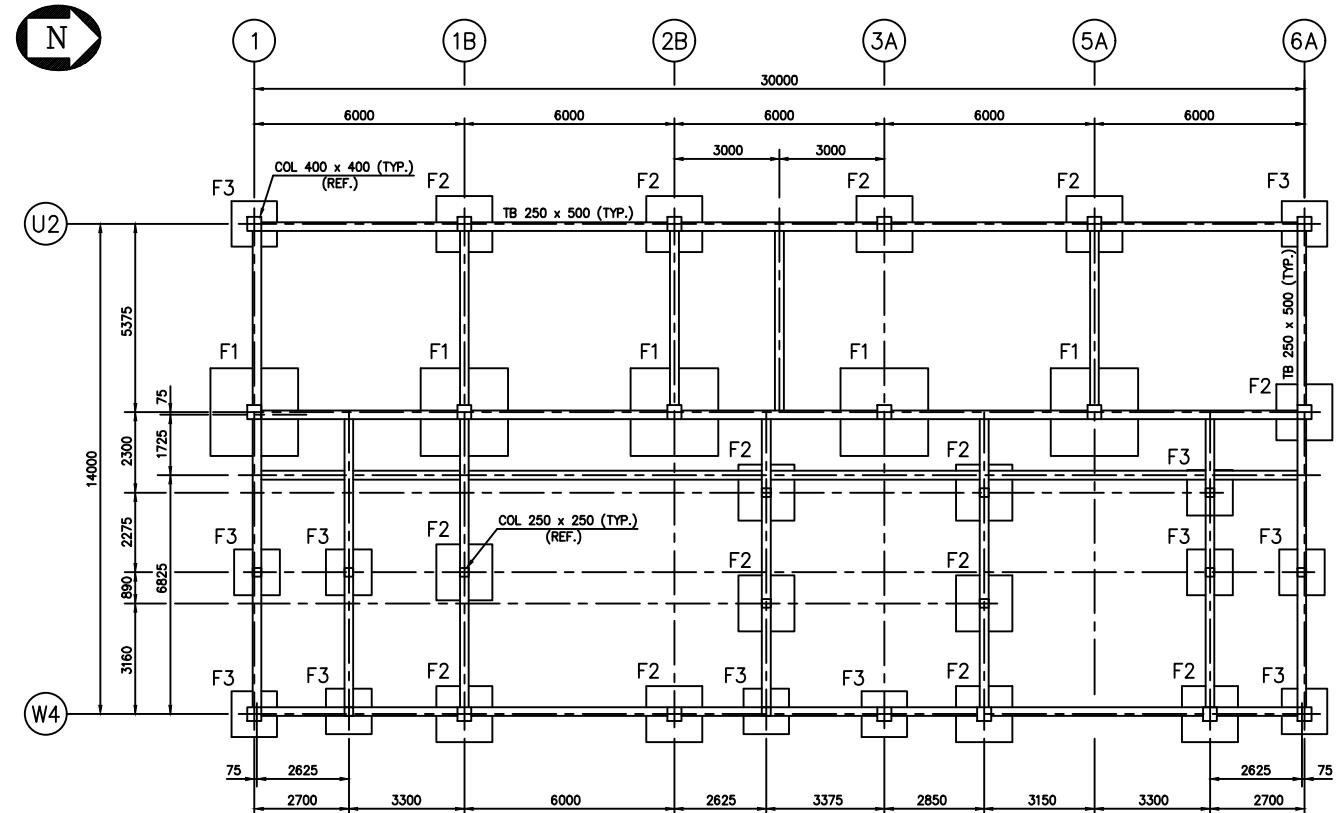
NOTES :

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
- CHEMETICS ELEVATION 00.00 EQUALS 33.00 M. MILL SITE ELEVATION
- ALL LADDERS & H/RAILS TO BE PAINTED WITH H.A.S. PAINT SPEC'S.

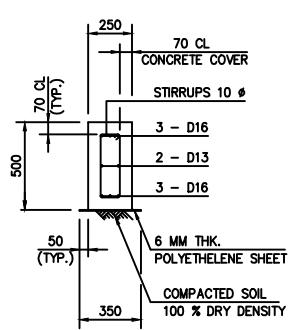
No.	REFERENCE DRAWING	DWG. No.	No.	ISSUED FOR			BY	DATE	No.	ISSUED FOR			BY	DATE	No.	REVISION			BY	DATE	APP	REVISION					
				COMMENTS	EYD 26.5.95	AS MARKED				REVISION	BY	DATE				REVISION	BY	DATE	APP No.	REVISION	BY	DATE	APP	REVISION	BY	DATE	
		0		CONSTRUCTION	EYD 23.6.95					-																	
		1																									

**SOPC**  
**SOFRESID**  
PT. SOFRESID SUPRACO INDONESIA

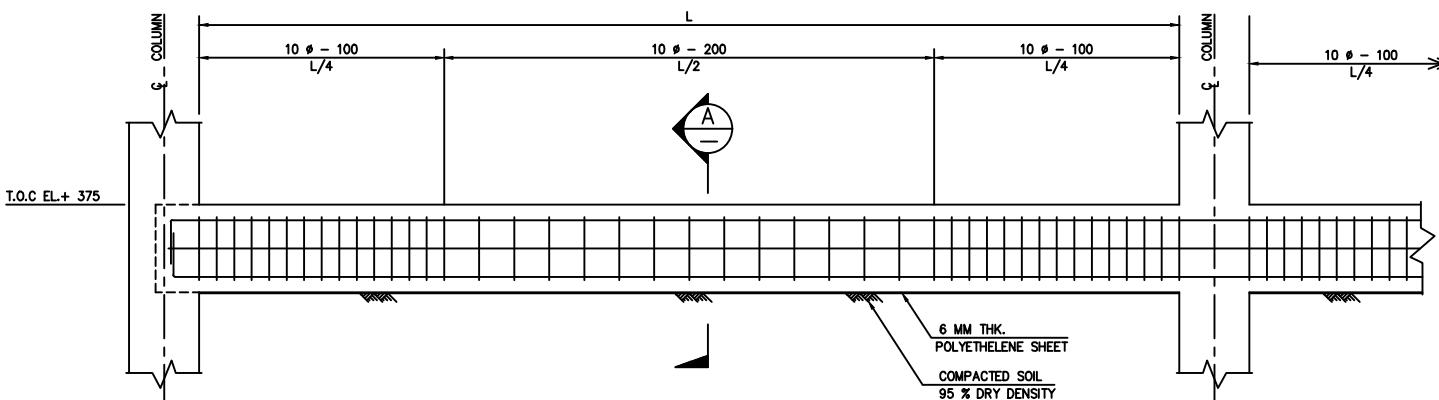
SIMONS PACIFIC CONSTRUCTORS PTE. LTD.  
SPC DRAWING NUMBER : REV.  
CHEMETICS INTERNATIONAL COMPANY Ltd  
1818 CORNWALL AVENUE  
VANCOUVER B.C. CANADA V6J 1C7  
DRAWING NUMBER : REV.  
A1-92C02400-6-2610 1



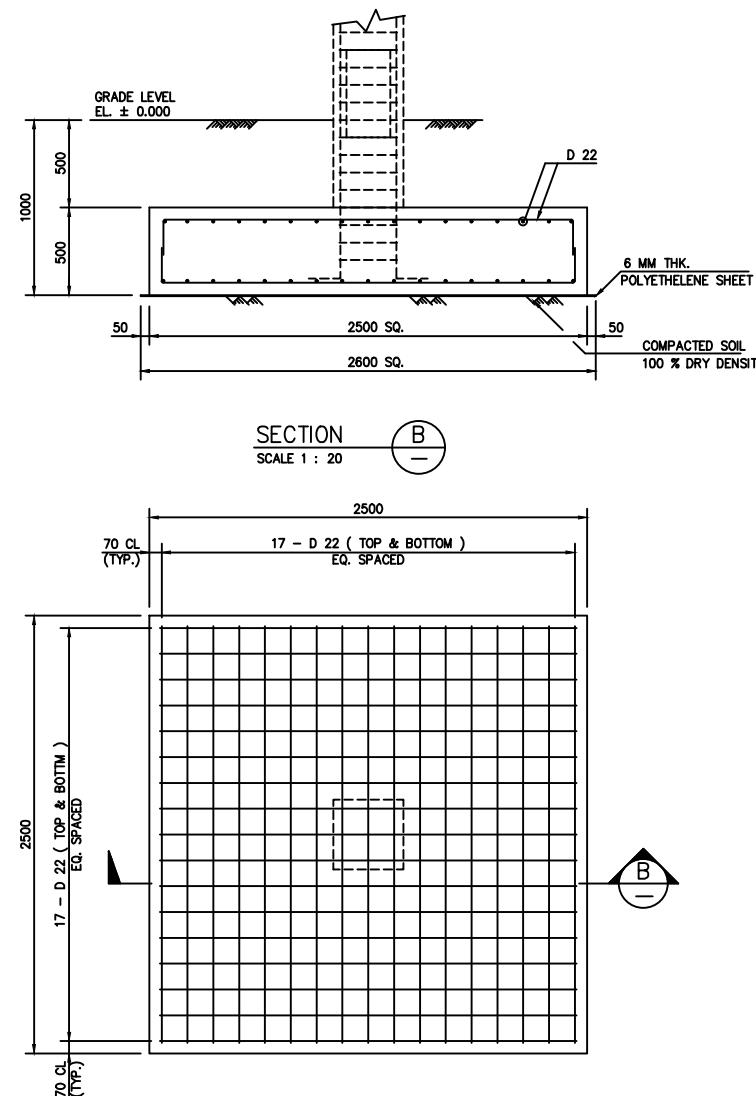
FOUNDATION AND TIE BEAM PLAN  
SCALE 1 : 100



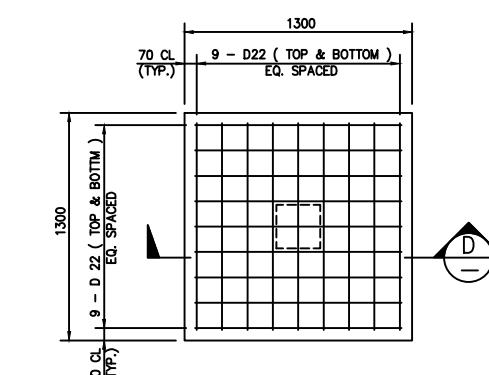
SECTION A-A  
SCALE 1 : 20



TYP. TIE BEAM REINFORCEMENT  
SCALE 1 : 20



FOUNDATION TYPE F1  
RE-BAR ARRANGEMENT  
SCALE 1 : 20



FOUNDATION TYPE F2  
RE-BAR ARRANGEMENT  
SCALE 1 : 20



FOUNDATION TYPE F3  
RE-BAR ARRANGEMENT  
SCALE 1 : 20

NOTES :  
 1. ALL DIMENSIONS ARE IN MILLIMETERS  
 UNLESS NOTED OTHERWISE.  
 2. CHEMTECTS ELEVATION 00.00  
 EQUALS 33.00 M MILL SITE ELEVATION.

**SPC**  
**SOFRESID**  
INDONESIA  
PT. SOFRESID SUPRACO INDONESIA

SIMONS PACIFIC CONSTRUCTORS PTE. LTD.

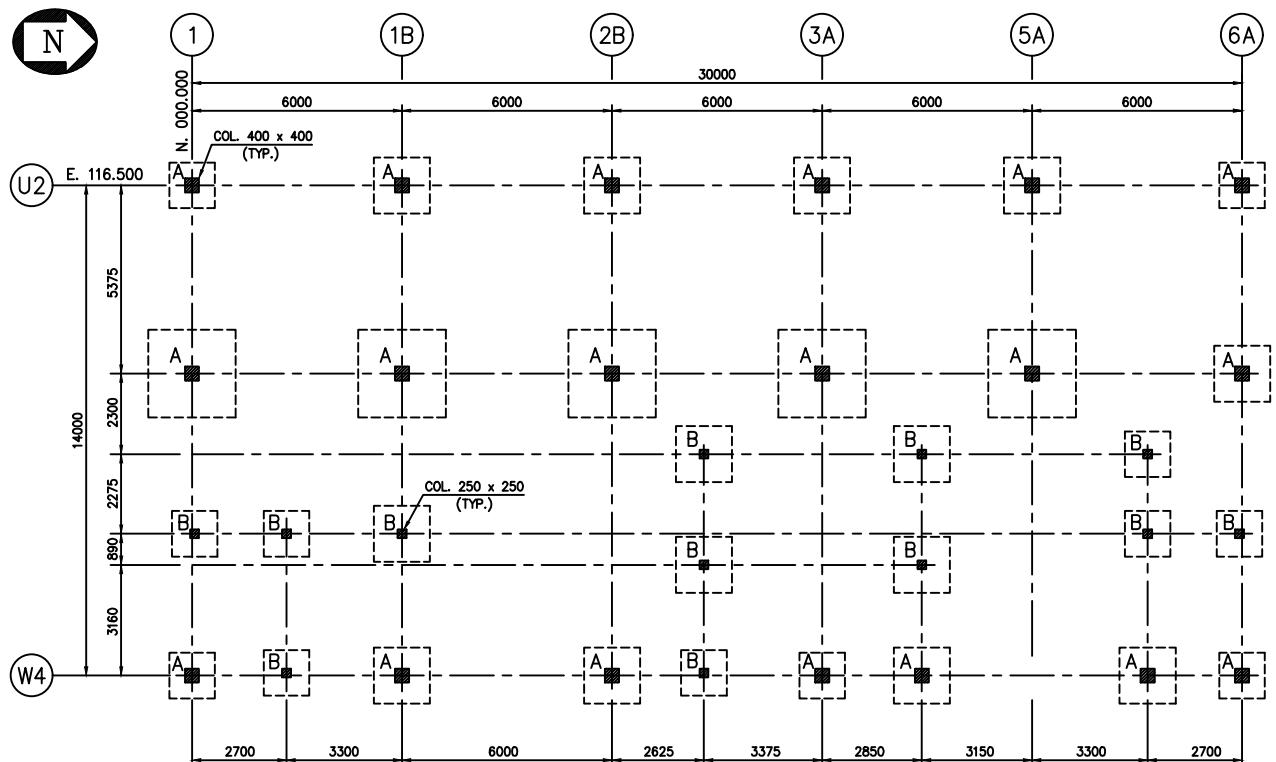
SPC DRAWING NUMBER

REV.

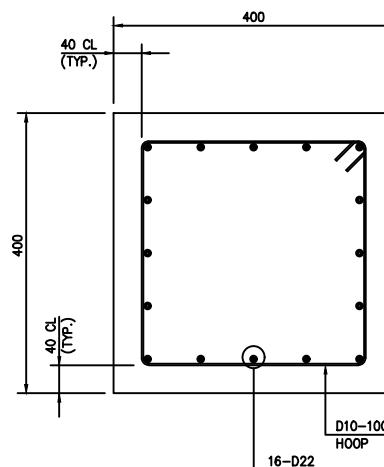
No.	REFERENCE DRAWING	DWG. No.	No.	ISSUED FOR	BY	DATE	No.	ISSUED FOR	BY	DATE	No.	REVISION	BY	DATE	APP No.	REVISION	BY	DATE	APP
			0	COMMENTS		JU 24.3.95					0	-							
			1	APPROVAL		JU 2.5.'95					1	AS MARKED							
			2	CONSTRUCTION		JU 9.6.'95					2	AS MARKED							

P.T. KIANI KERTAS  
KALIMANTAN TIMUR INDONESIA  
CONTROL BUILDING  
FOUNDATION AND TIE BEAM  
PLAN, SECTION & DETAILS

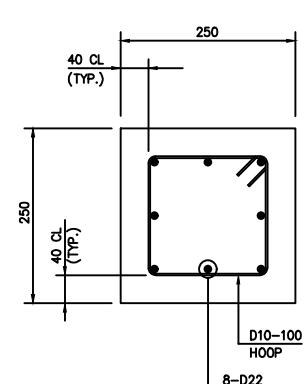
CHEMTECTS INTERNATIONAL COMPANY Ltd  
1818 CORNWALL AVENUE  
VANCOUVER B.C. CANADA V6J 1C7  
APP APP : SCALE : AS SHOWN  
DRAWING NUMBER REV.  
A1-92C02400-6-2615 2



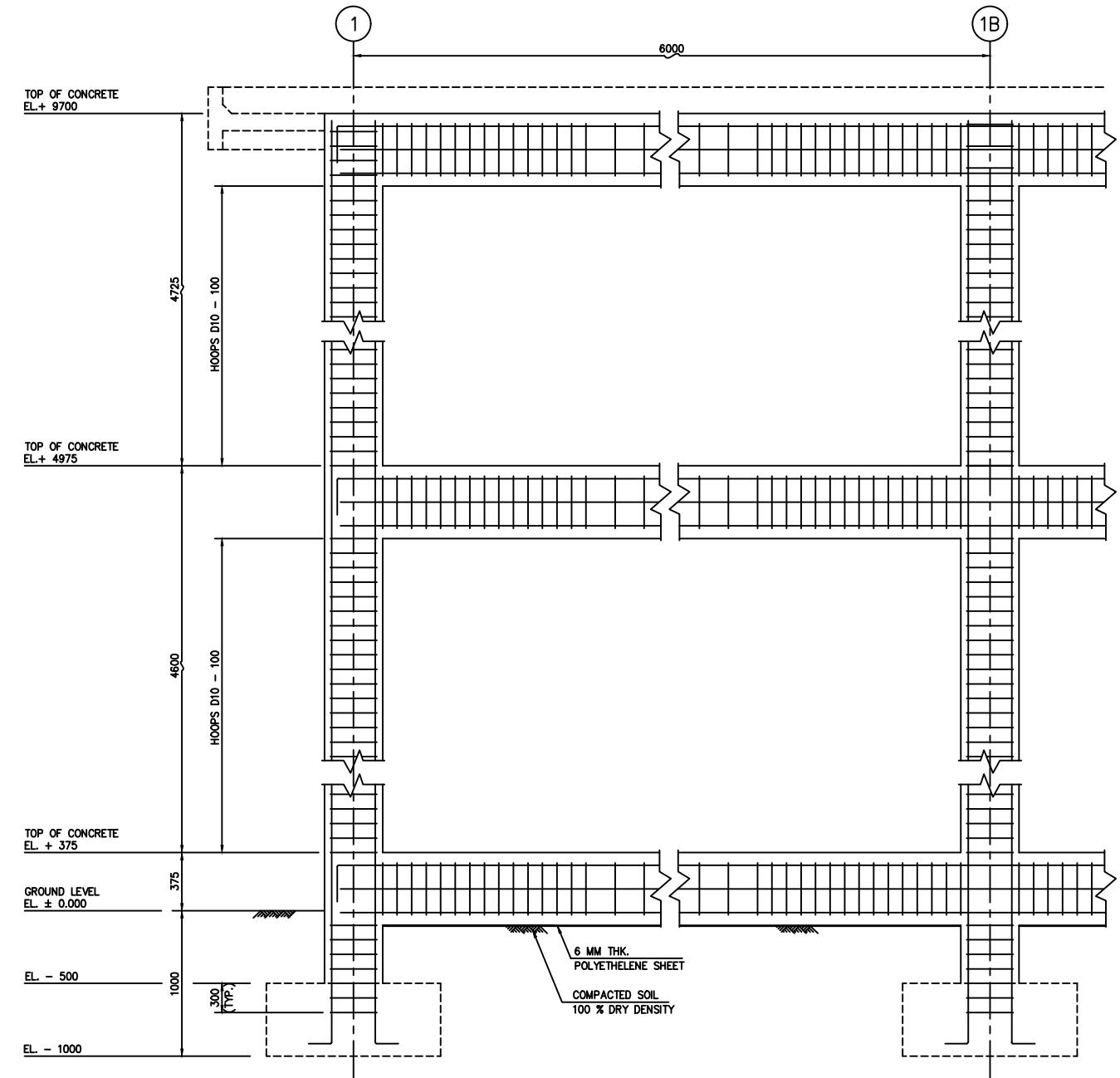
COLUMN PLAN ( EL - 500 TO EL + 9700 )  
SCALE ~ 1 : 100



COLUMN TYPE A  
SCALE ~ 1 : 5



COLUMN TYPE B  
SCALE ~ 1 : 5



COLUMN & BEAM REINFORCEMENT  
SCALE ~ 1 : 20

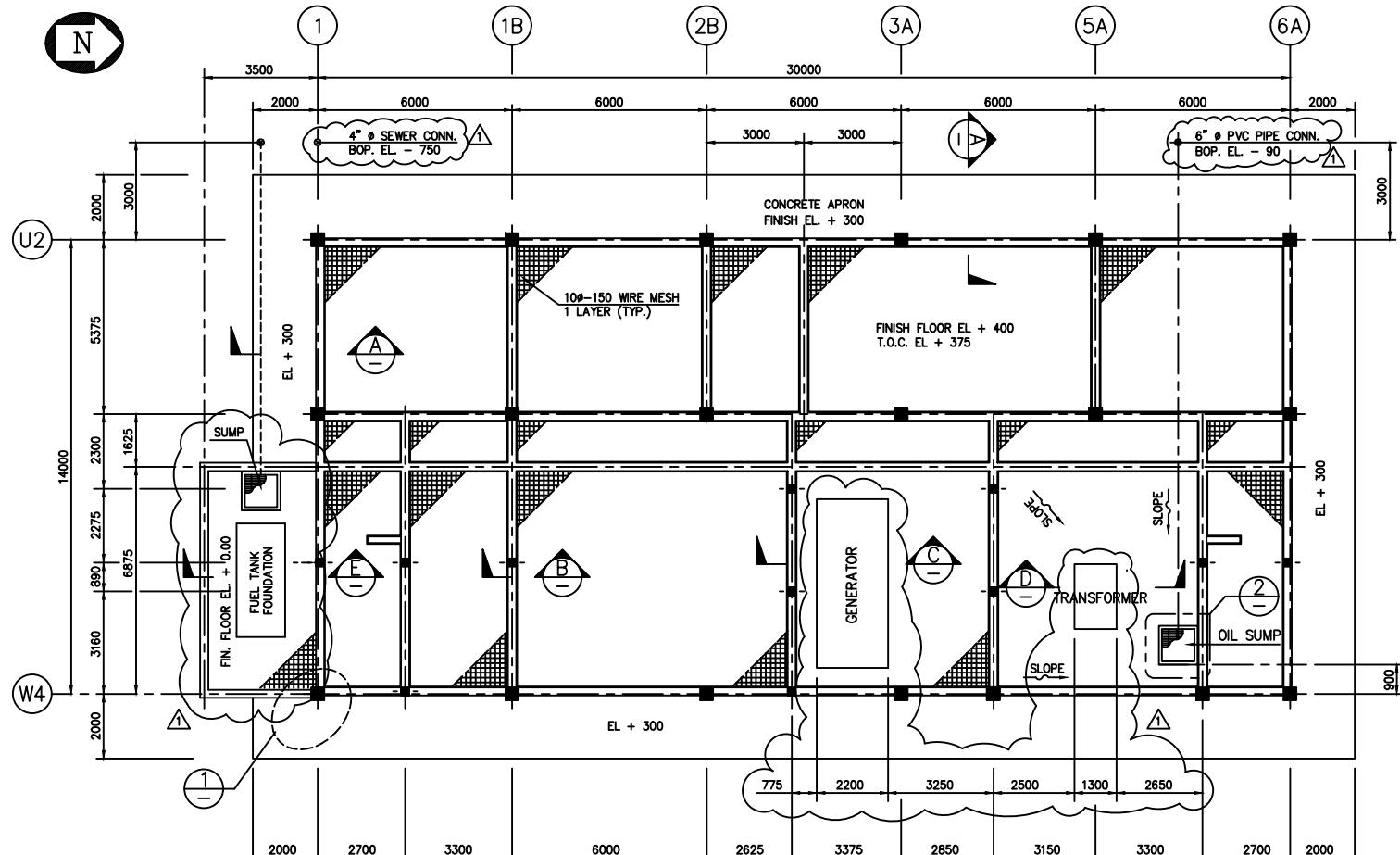
NOTES :

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
2. CHEMETICS ELEVATION 00.00 EQUALS 33.00 M MILL SITE ELEVATION
3. COLUMN SIZE IS UNIFORM ( EL - 500 TO EL + 9700 )

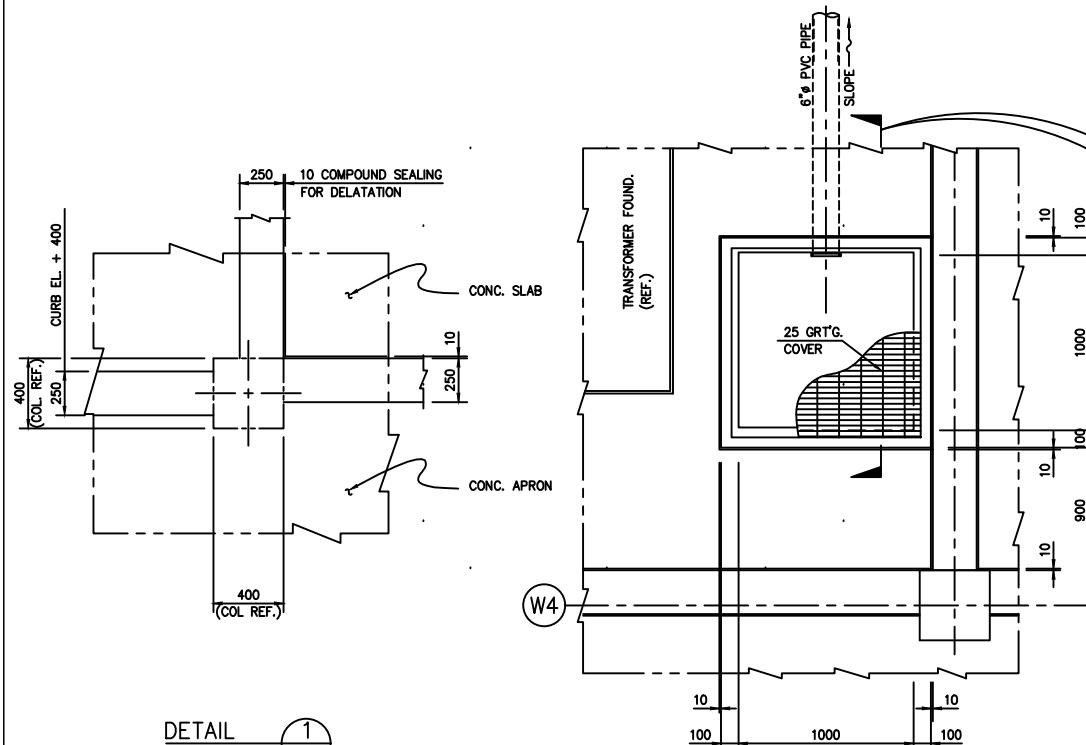
No.	REFERENCE DRAWING	DWG. No.	No.	ISSUED FOR	BY	DATE	No.	ISSUED FOR	BY	DATE	No.	REVISION	BY	DATE	APP No.	REVISION	BY	DATE	APP
			0	COMMENTS	JJ	31.3.95					0	—							
			1	APPROVAL	JJ	2.5.'95					1	AS MARKED							
			2	CONSTRUCTION	JJ	9.6.'95					2	AS MARKED							

PT. SOFRESID SUPRACO INDONESIA	SIMONS PACIFIC CONSTRUCTORS PTE. LTD.		
	SPC DRAWING NUMBER		
	REV.		
P.T. KIANI KERTAS KALIMANTAN TIMUR	INDONESIA		
CONTROL BUILDING	APP	APP :	SCALE : AS SHOWN
COLUMN PLAN , SECTION AND DETAILS	CHECK		DRAWING NUMBER
	DRAWN' JJ	20/03/'95	A1-92C02400-6-2616
			2

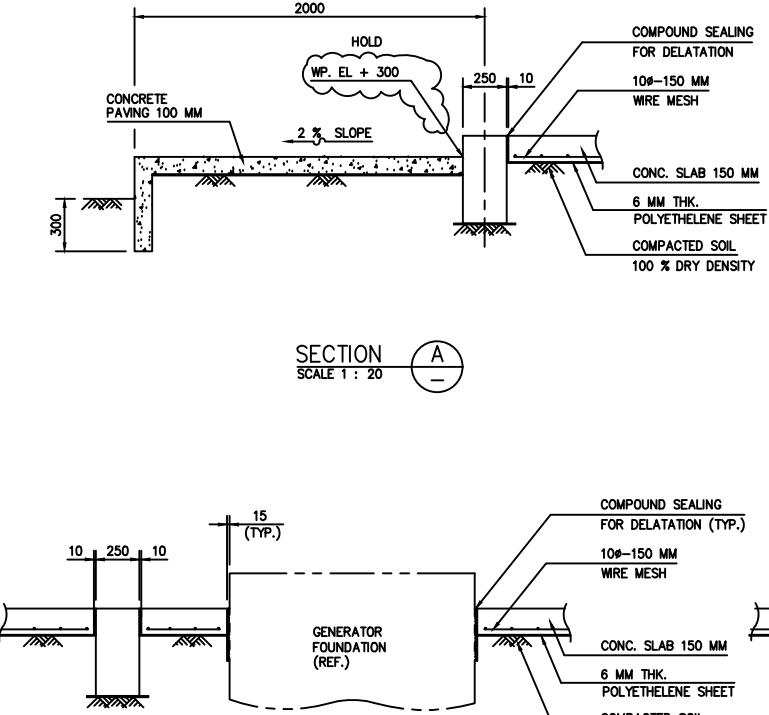
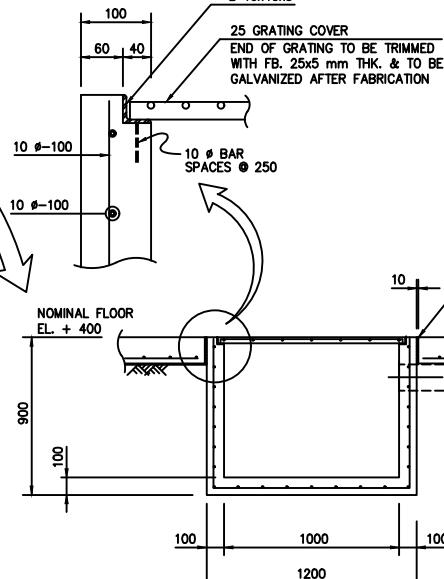
**CHEMETICS** CHEMETICS INTERNATIONAL COMPANY Ltd  
1818 CORNWALL AVENUE  
VANCOUVER B.C. CANADA V6J 1C7



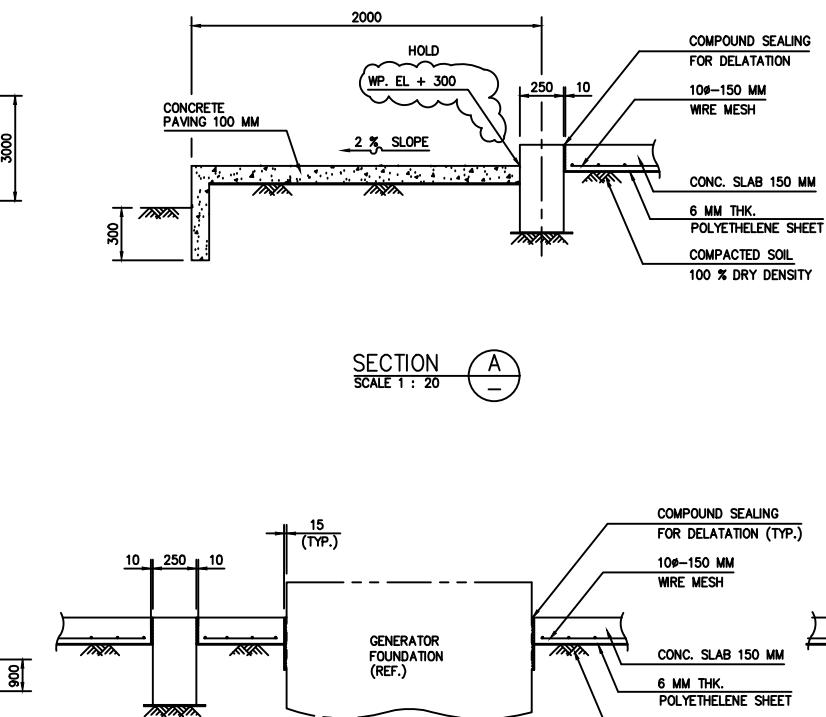
PLAN T.O.C. EL + 375  
SCALE 1 = 100



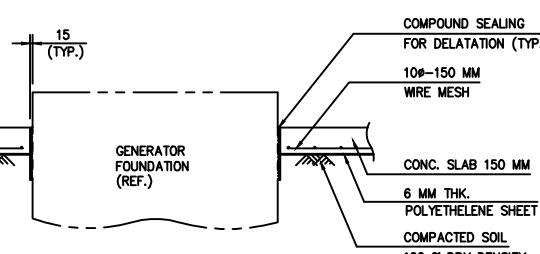
**DETAIL**  
SCALE 1 : 20



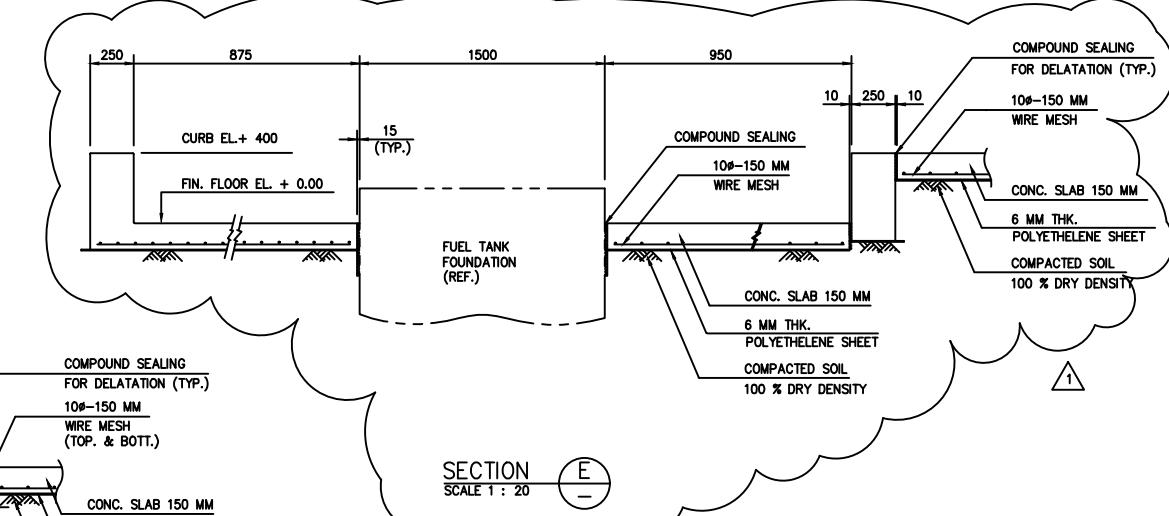
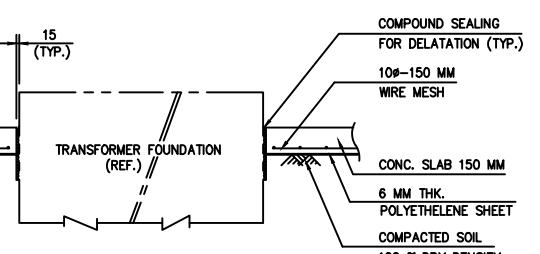
**SECTION A**



SECTION C  
SCALE 1 : 20



SECTION D -



SECTION E

**NOTES :**

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
2. CHEMETICS ELEVATION 0.00 EQUAL 33.00 M MILLI STATION
3. HOLD FOR TRANSFORMER & GENERATOR FOUNDATION

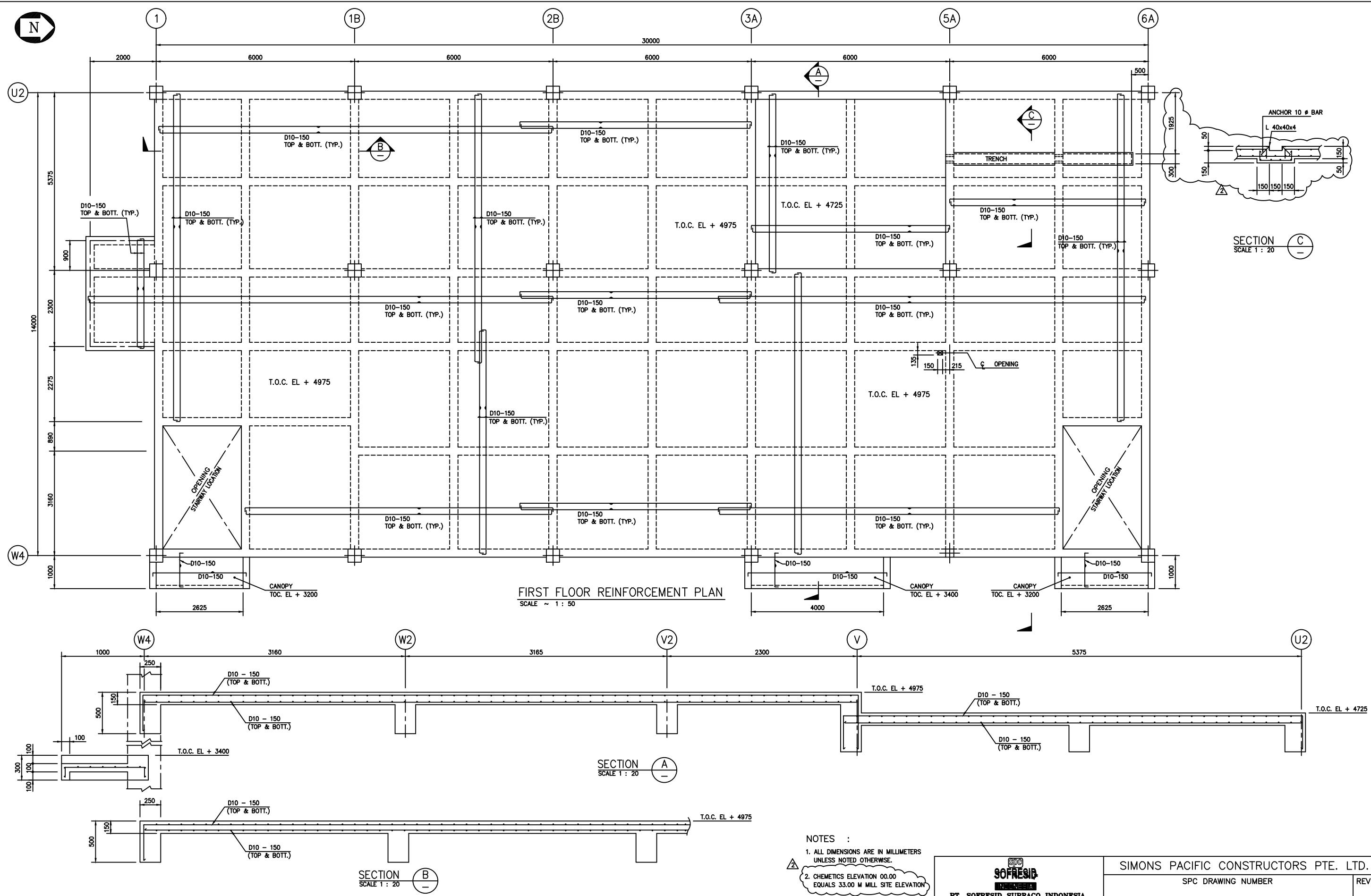
The logo for Sofresid Supraco Indonesia. It features the letters 'SPC' in a stylized font inside a square box at the top. Below it, the word 'SOFRESID' is written in a bold, blocky font. Underneath 'SOFRESID', the word 'INDONESIA' is written in a smaller, all-caps font. At the bottom, the words 'OFRESID SUPRACO INDONESIA' are printed in a bold, sans-serif font.

SIMONS PACIFIC CONSTRUCTORS PTE. LTD.

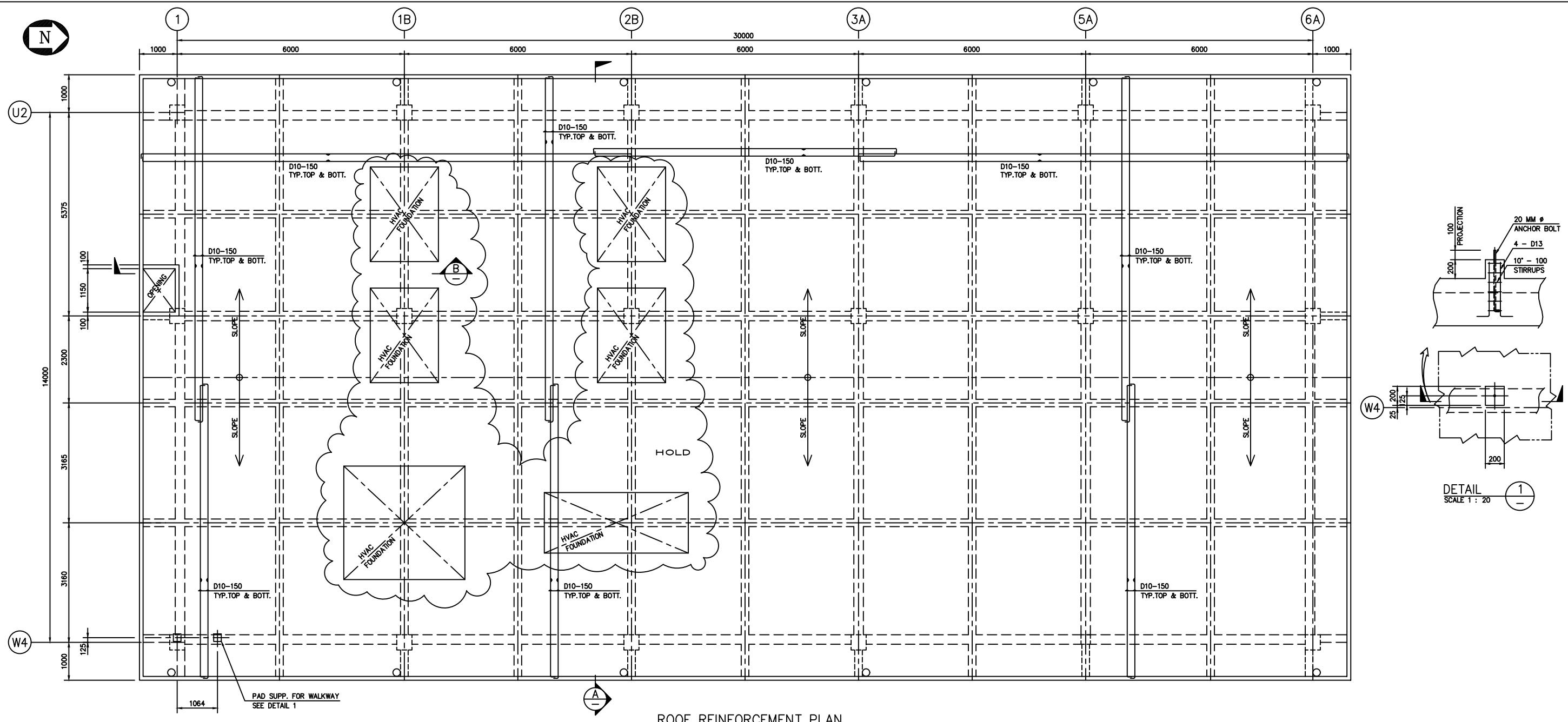
SPC DRAWING NUMBER	REV.
--------------------	------

[SUGGESTIONS](#) | [FEEDBACK](#) | [ADVERTISE](#)

<b>CHEMETICS</b>		CHEMETICS INTERNATIONAL COMPANY LTD.
		1818 CORNWALL AVENUE
		VANCOUVER B.C. CANADA V6J 1C7
PP:	APP:	SCALE : AS SHOWN
HECK:	DRAWING NUMBER	
RAWN: EYD, 24/03/95	A1-92C02400-6-2617	REV. 1

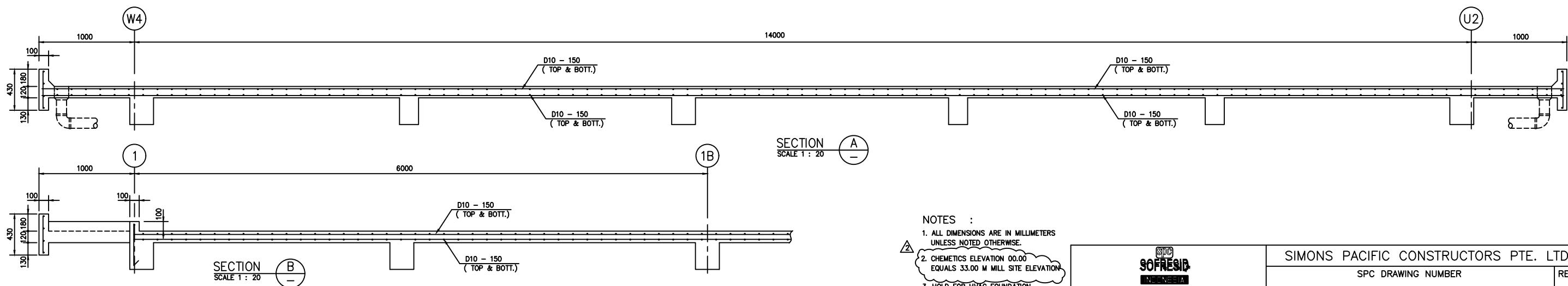


No.	REFERENCE DRAWING	DWG. No.	ISSUED FOR	BY	DATE	No.	ISSUED FOR	BY	DATE	No.	REVISION	BY	DATE	APP No.	REVISION	BY	DATE	APP	
		0	COMMENTS		JU 28.3.95						—								
		1	APPROVAL		JU 2.5.'95						1	AS MARKED							
		2	CONSTRUCTION		JU 9.6.'95						2	AS MARKED							



## ROOF REINFORCEMENT PLAN

SCALE ~ 1 : 50



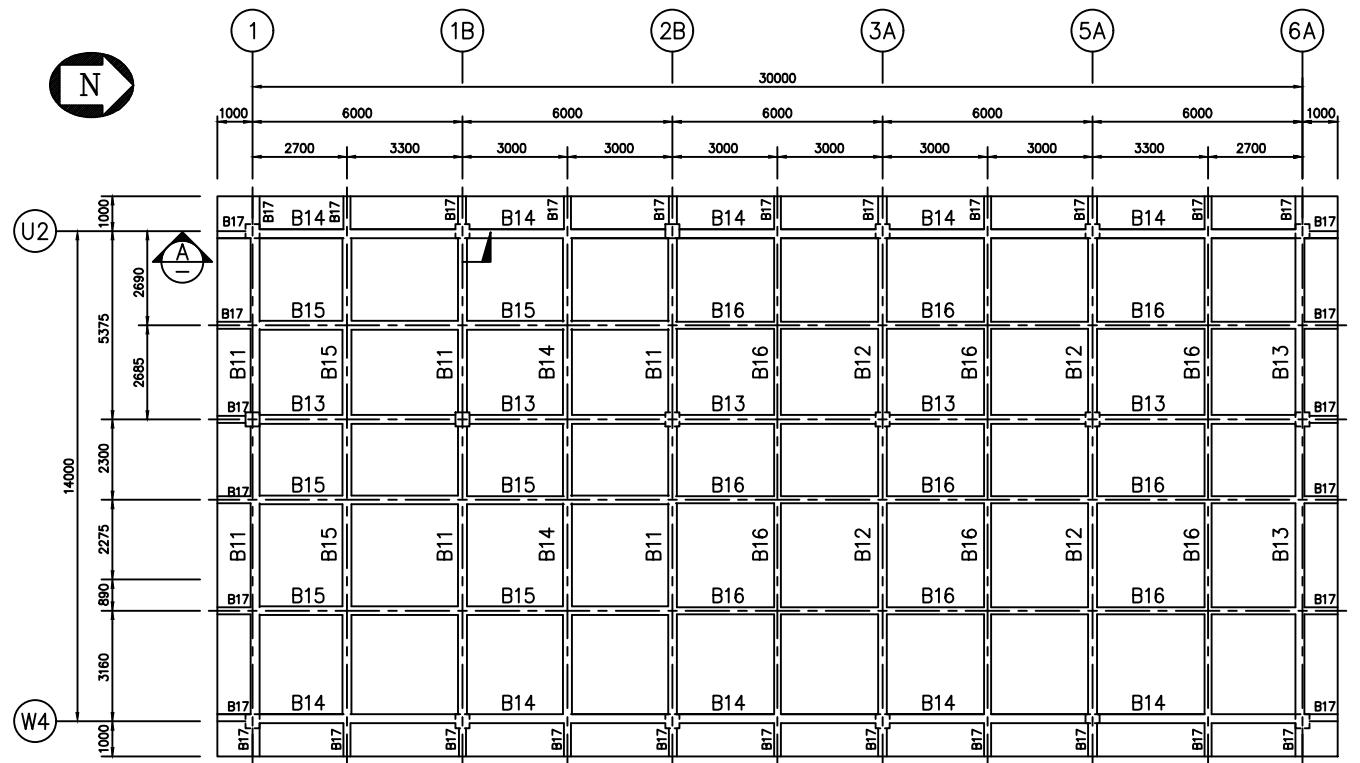
**NOTES :**

1. ALL DIMENSIONS ARE IN MILLIMETERS  
UNLESS NOTED OTHERWISE.

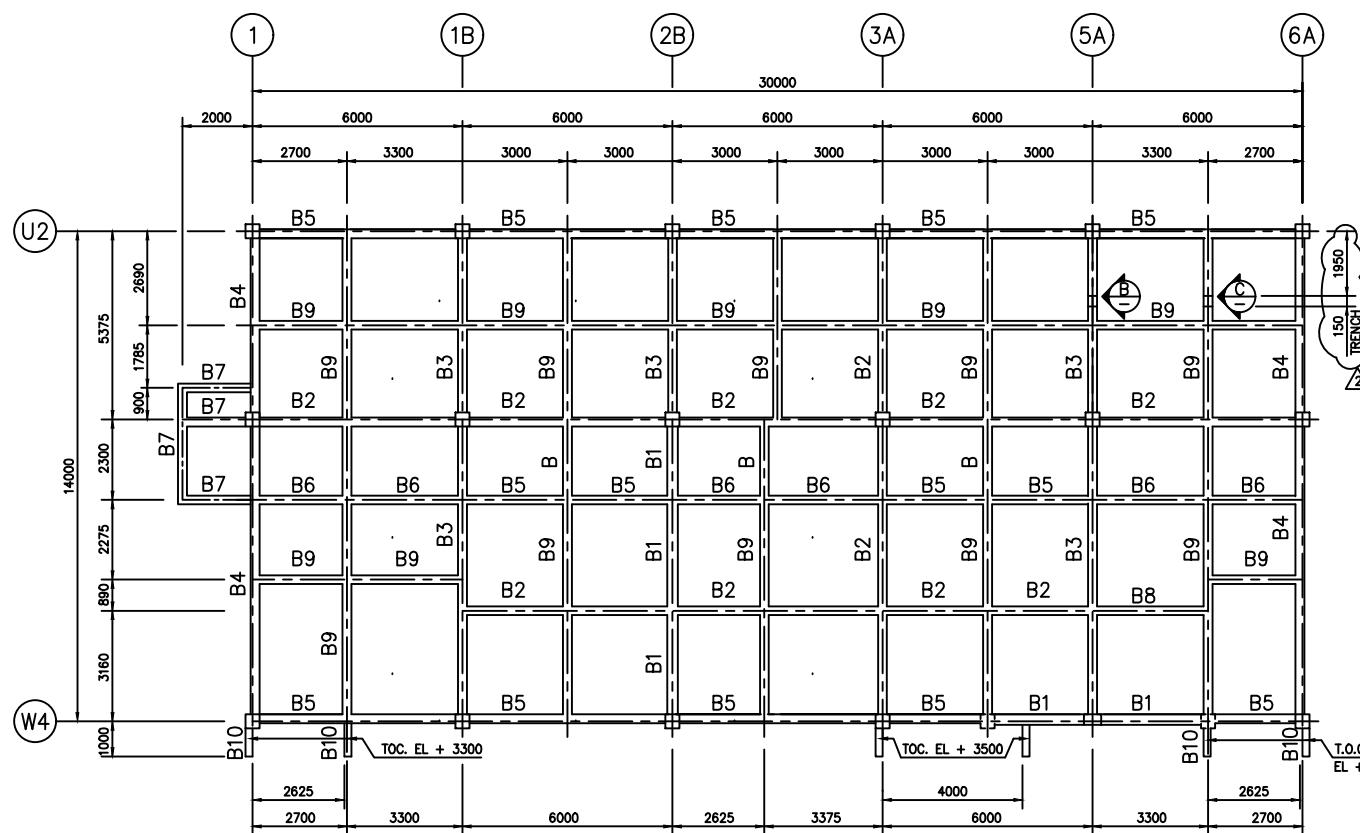
2. CHEMTECTS ELEVATION 00.00  
EQUALS 33.00 M MILL SITE ELEVATION

3. HOLD FOR HVAC FOUNDATION

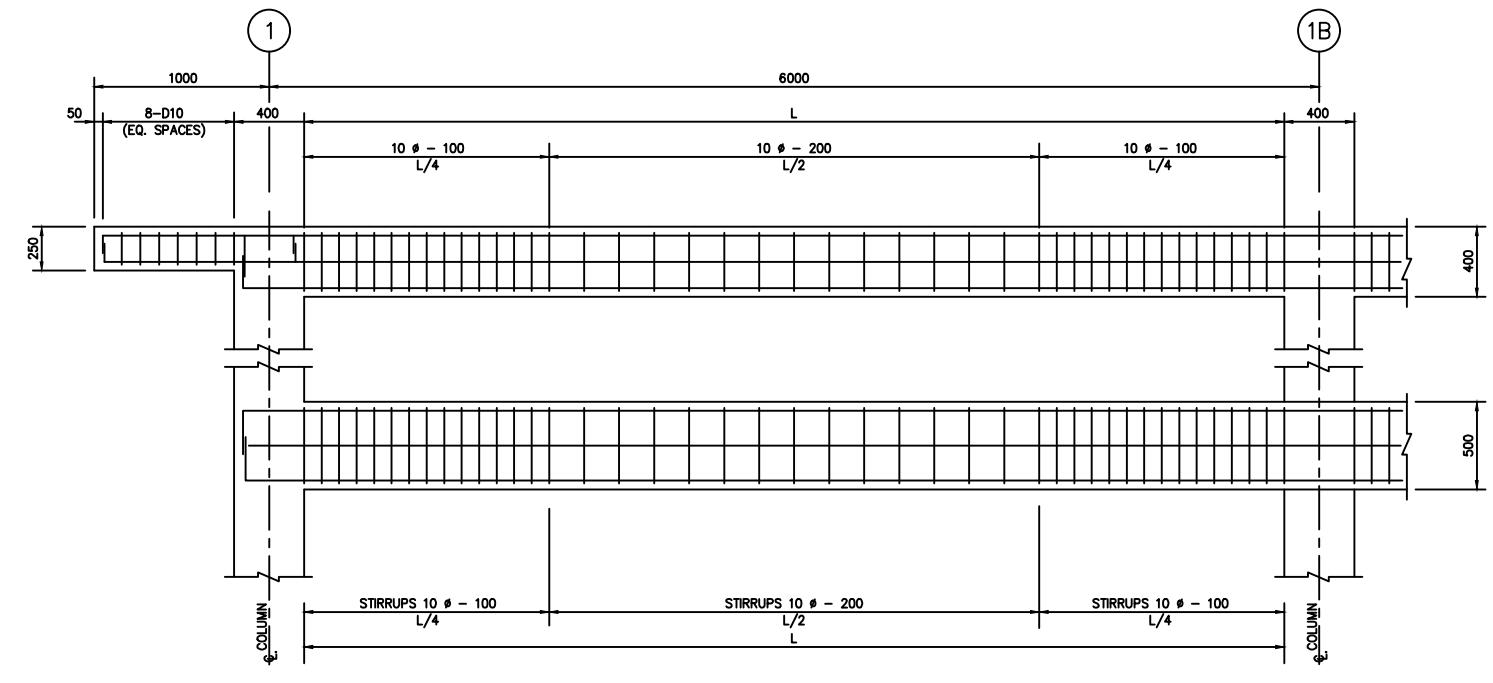
C. ISSUE FOR THIS DRAWING														PT. SOFRESID SUPRACO INDONESIA								
No.	REFERENCE DRAWING	DWG. No.	No.	ISSUED FOR	BY	DATE	No.	ISSUED FOR	BY	DATE	No.	REVISION	BY	DATE	APP No.	REVISION	BY	DATE	APP	P.T. KIANI KERTAS	CHEMETICS INTERNATIONAL COMPANY Ltd.	
			0	COMMENTS	JJ	31.3.95					0	—								KALIMANTAN TIMUR	1818 CORNWALL AVENUE	
			1	APPROVAL	JJ	2.05.95					1	AS MARKED								VANCOUVER B.C. CANADA V6J 1C7		
			2	CONSTRUCTION	JJ	9.09.95					2	AS MARKED								CONTROL BUILDING	APP	APP :
																			ROOF REINFORCEMENT	CHECK	SCALE : AS NOTED	
																			DRAWING NUMBER	A1-92C02400-6-2619		
																			REV.	2		
																			DRAW'N	JJ	26/3/95	



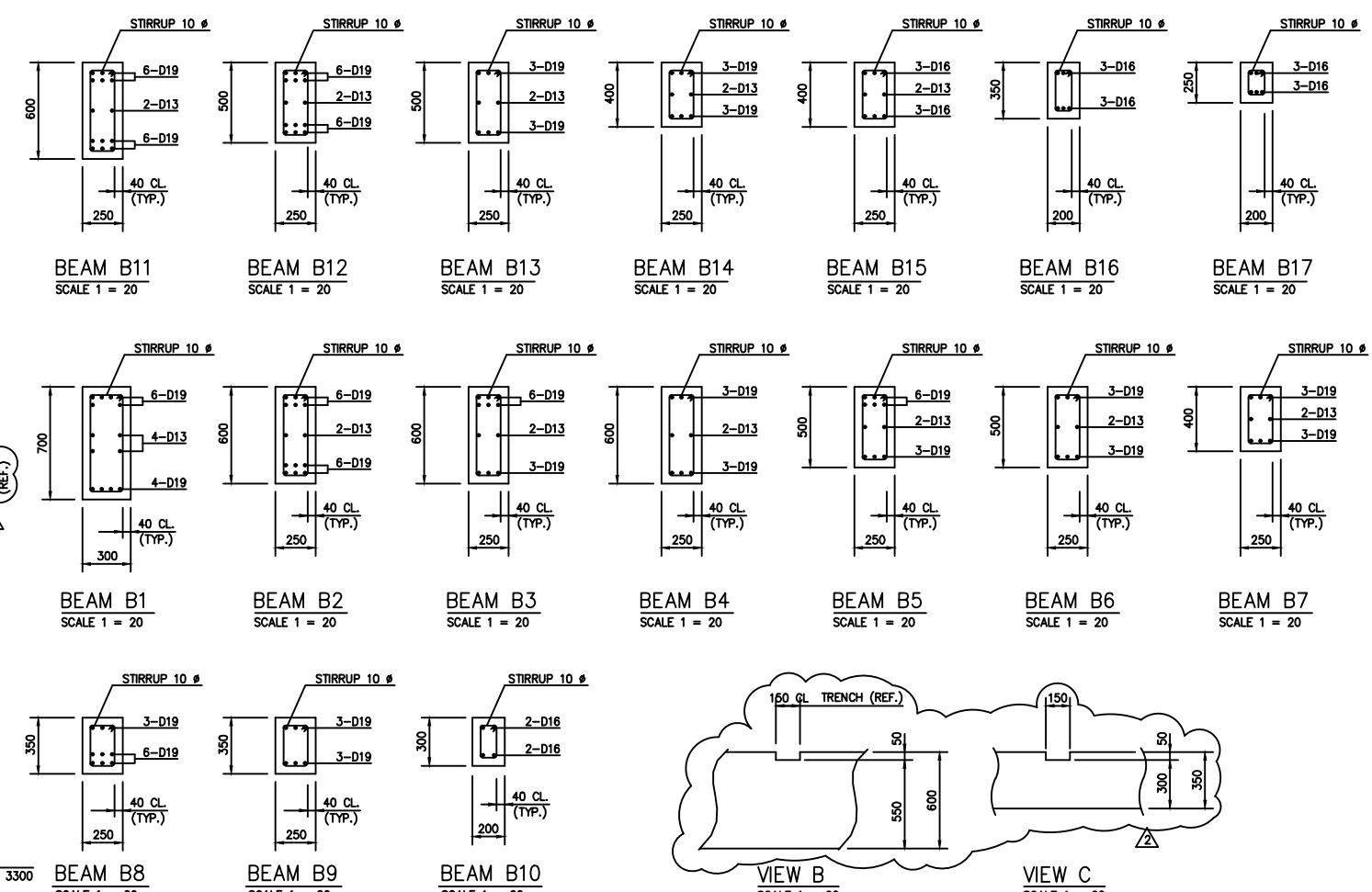
BEAMS PLAN T.O.C EL. + 9700 (ROOF)  
SCALE 1 = 100



BEAMS PLAN T.O.C EL. + 4975 (1<sup>st</sup> FLOOR)  
SCALE 1 = 100



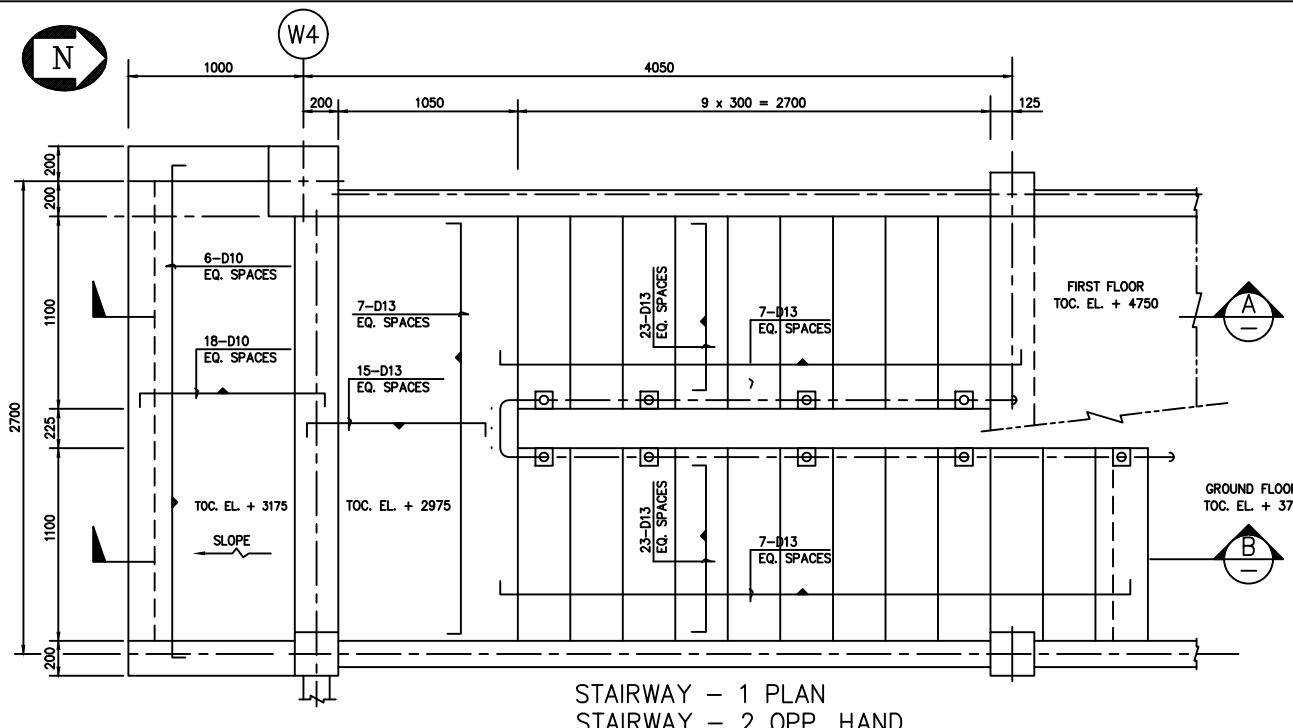
SECTION  
SCALE 1 = 20



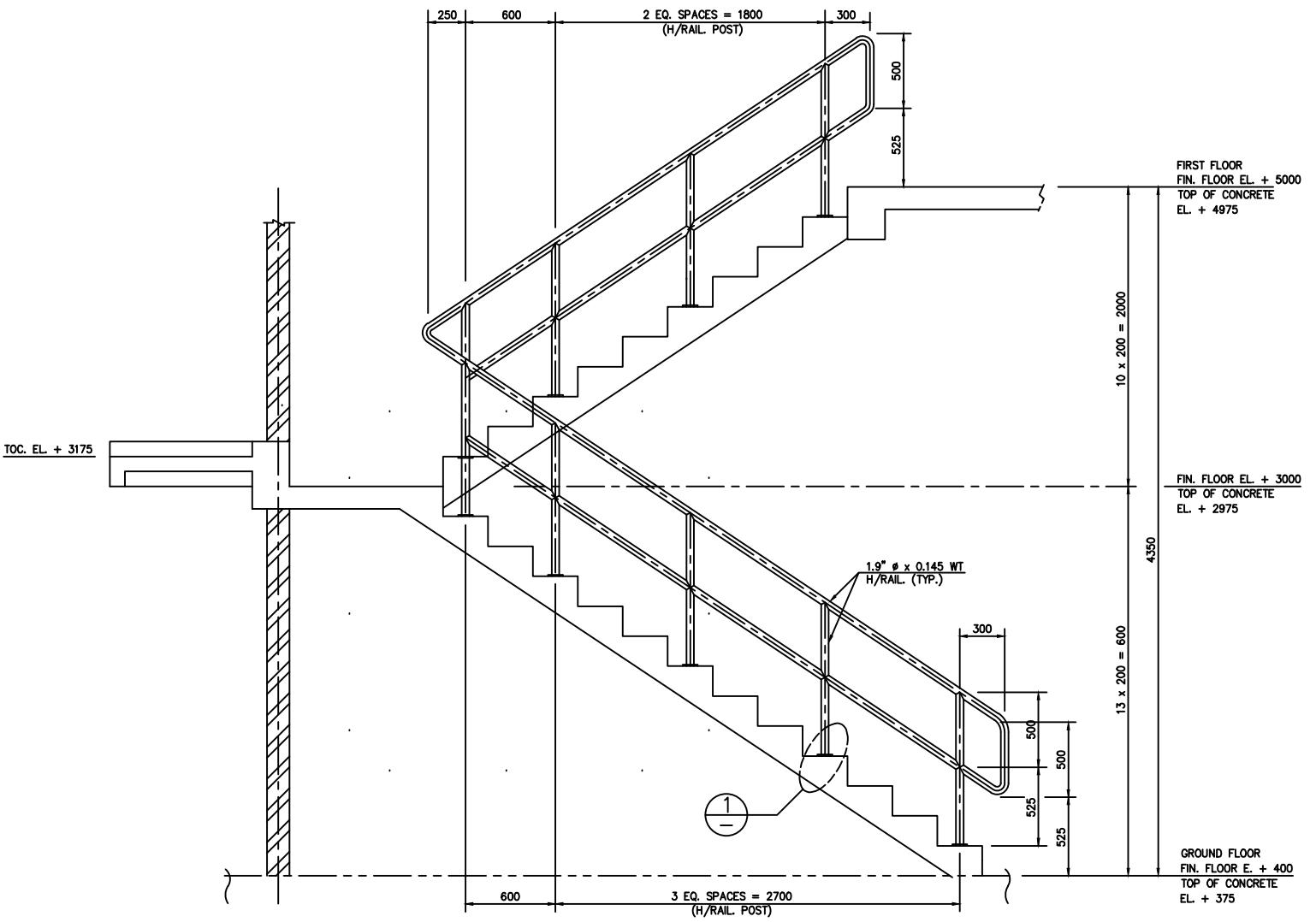
NOTES :  
1. ALL DIMENSIONS ARE IN MILLIMETERS  
UNLESS NOTED OTHERWISE.  
2. CHEMETICS ELEVATION 00.00  
EQUALS 33.00 M MILL SITE ELEVATION

No.	REFERENCE DRAWING	DWG. No.	No.	ISSUED FOR	BY	DATE	No.	ISSUED FOR	BY	DATE	No.	REVISION	BY	DATE	APP No.	REVISION	BY	DATE	APP
			0	COMMENTS	EYD	31.03.'95					0	—							
			1	APPROVAL	JW	02.05.'95					1	AS MARKED							
			2	CONSTRUCTION	JW	09.06.'95					2	AS MARKED							

PT. SOFRESID SUPRACO INDONESIA	SIMONS PACIFIC CONSTRUCTORS PTE. LTD.		
	SPC DRAWING NUMBER	REV.	
P.T. KIANI KERTAS			CHEMETICS INTERNATIONAL COMPANY Ltd 1818 CORNWALL AVENUE VANCOUVER B.C. CANADA V6J 1C7
KALIMANTAN TIMUR			
CONTROL BUILDING	APP:		APP:
BEAMS REINFORCEMENT	CHECK:		SCALE : AS SHOWN
	DRAWN'N: EYD: 24/03/'95	A1-92C02400-6-2620	REV. 2



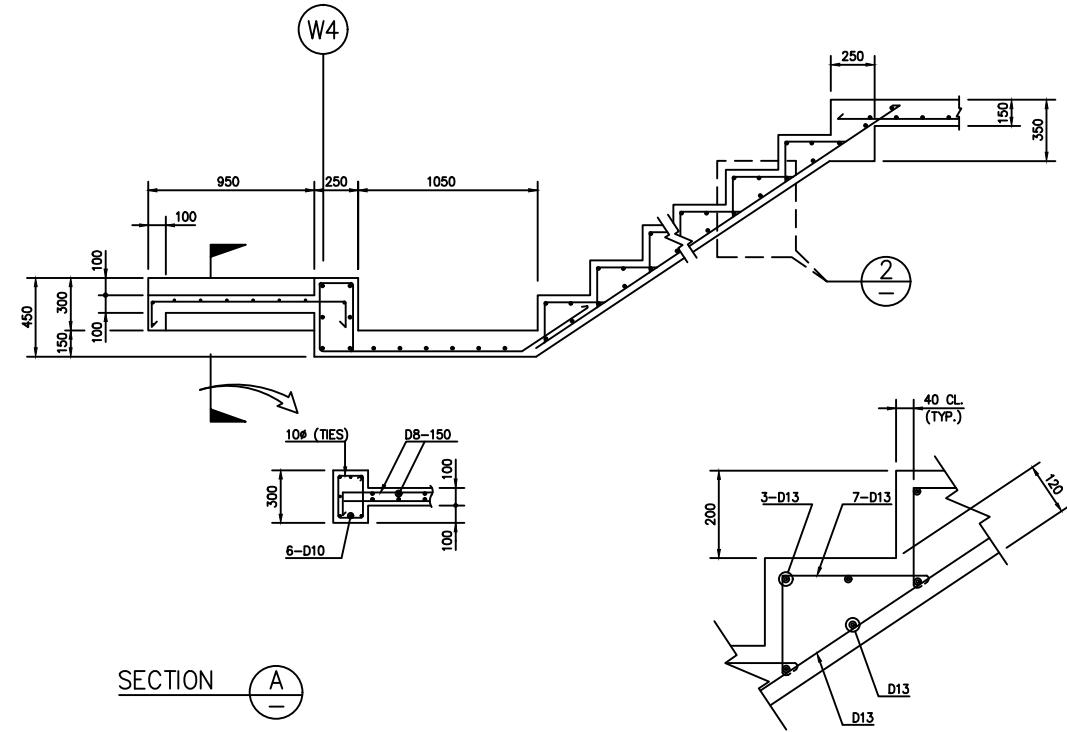
STAIRWAY - 1 PLAN  
STAIRWAY - 2 OPP. HAND



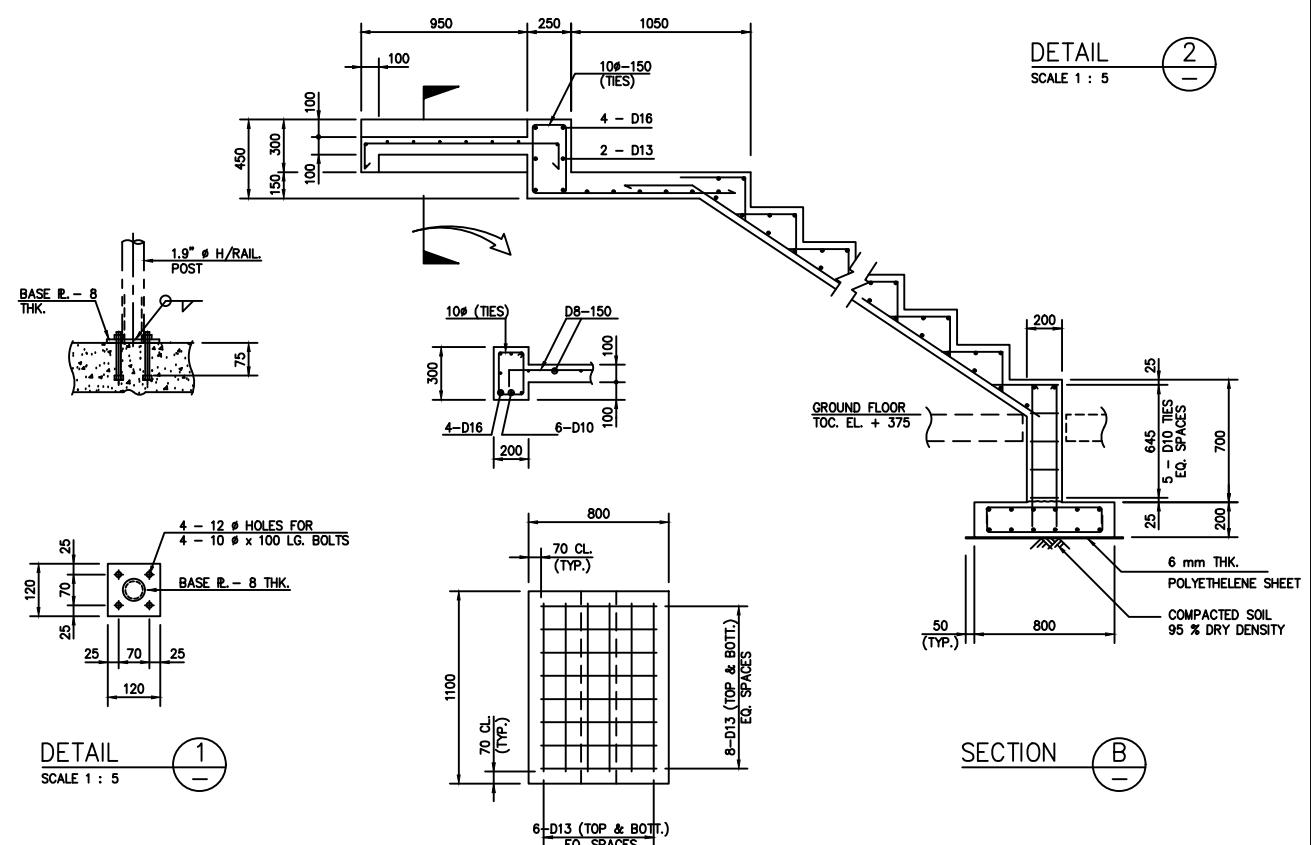
## ELEVATION

## NOTES :

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
  2. CHEMETS ELEVATION 00.00 EQUALS 33.00 M MILL SITE ELEVATION.
  3. ALL HANDRAILS TO BE PAINTED AS SIMONS SPEC'S.

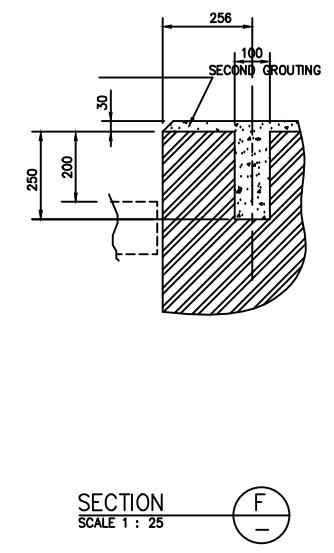
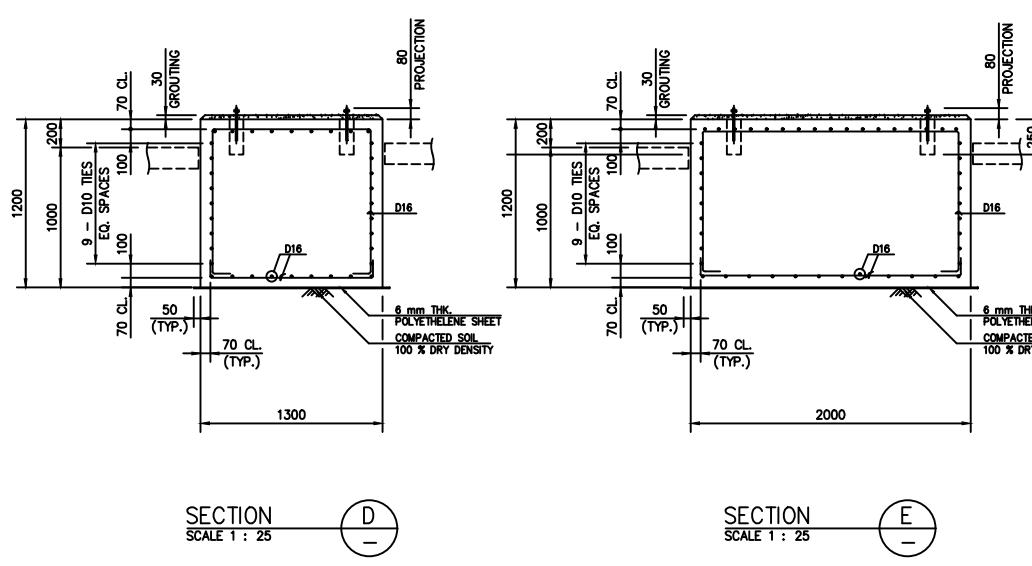
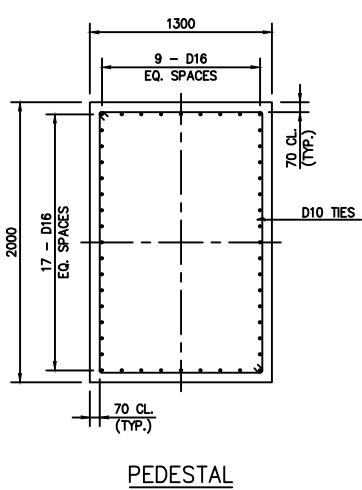
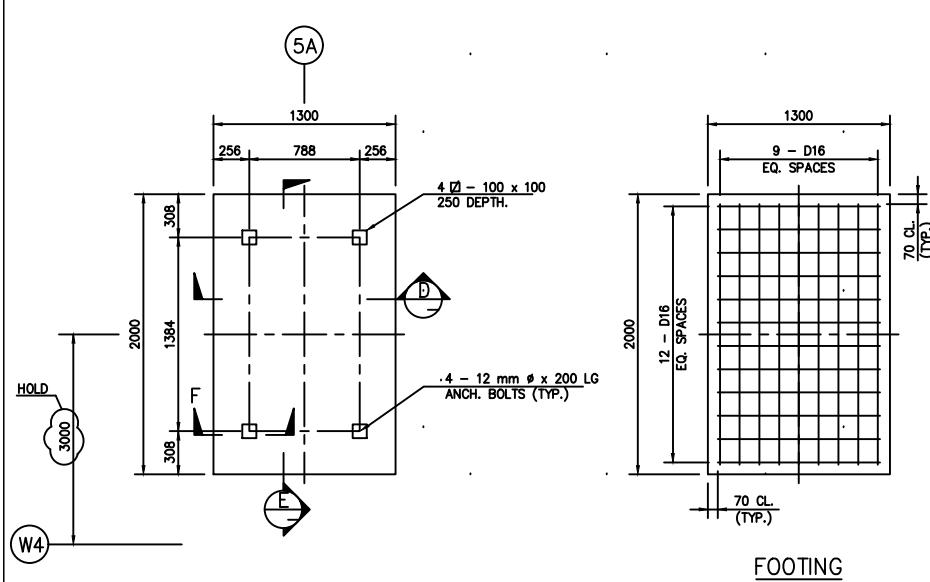
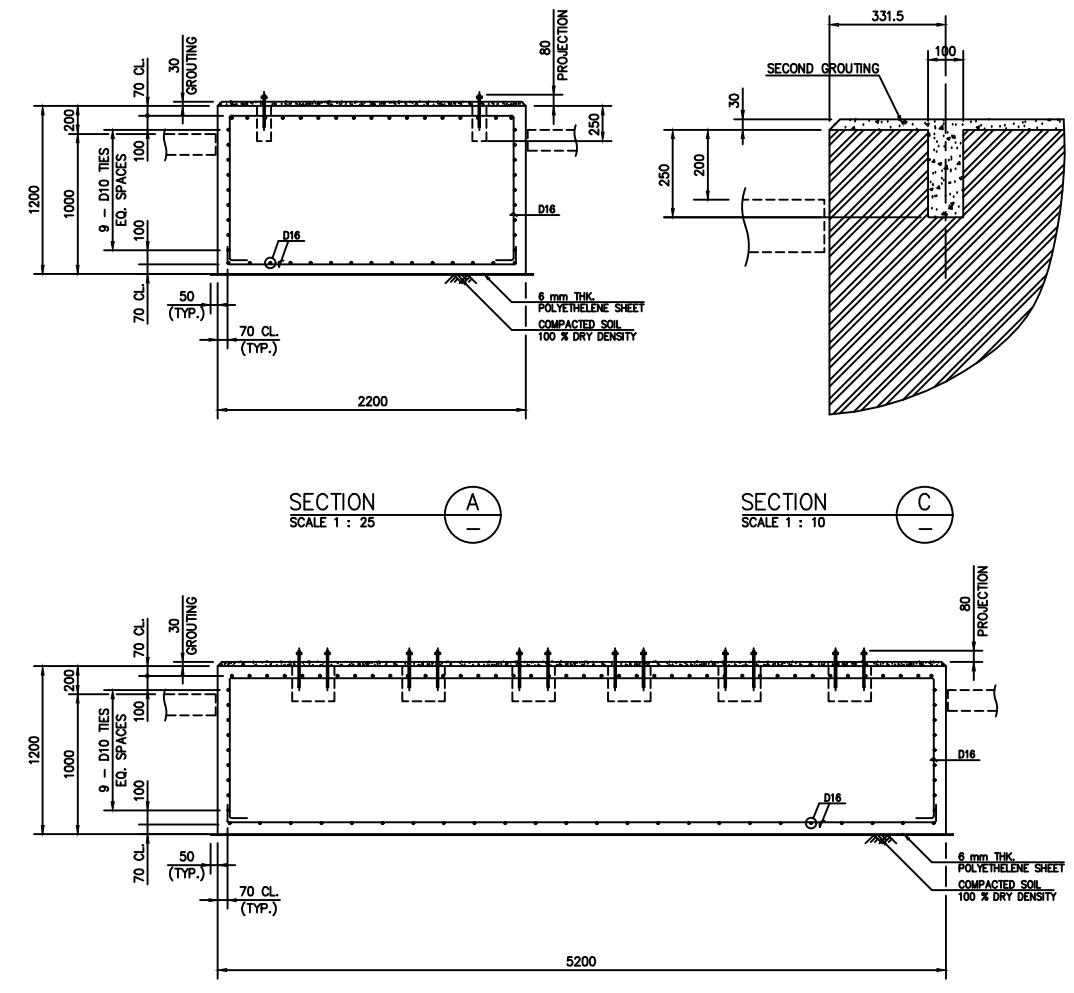
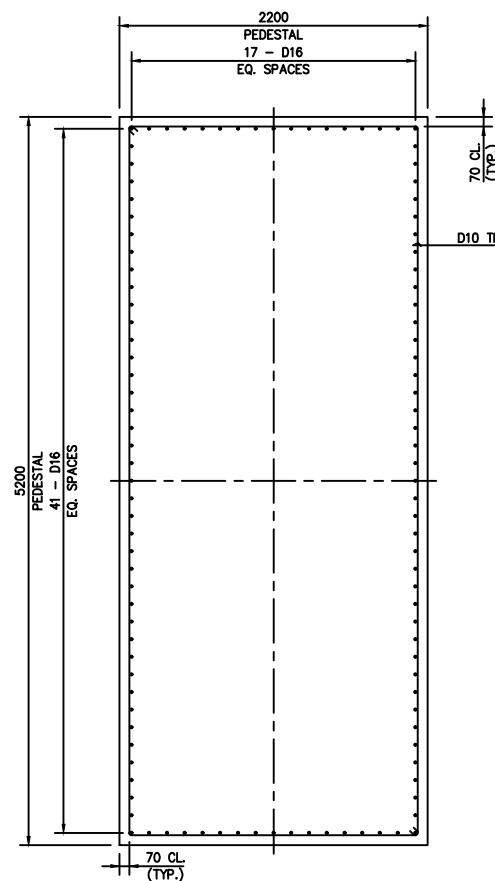
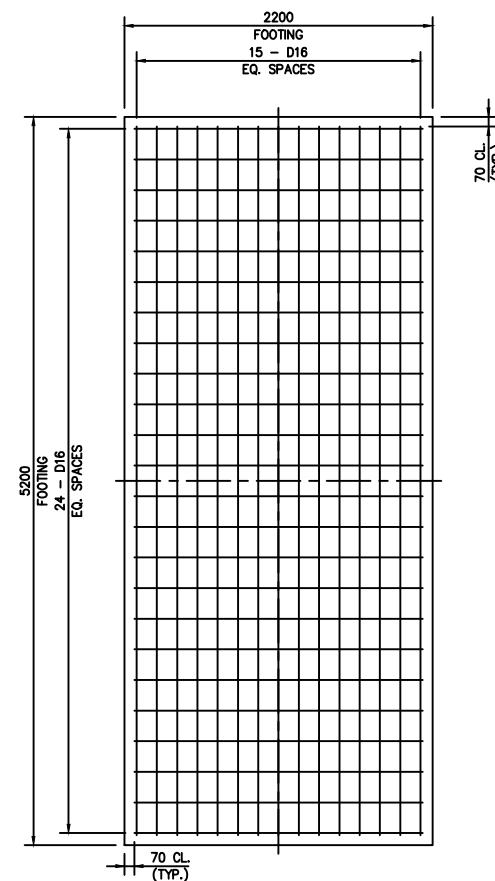
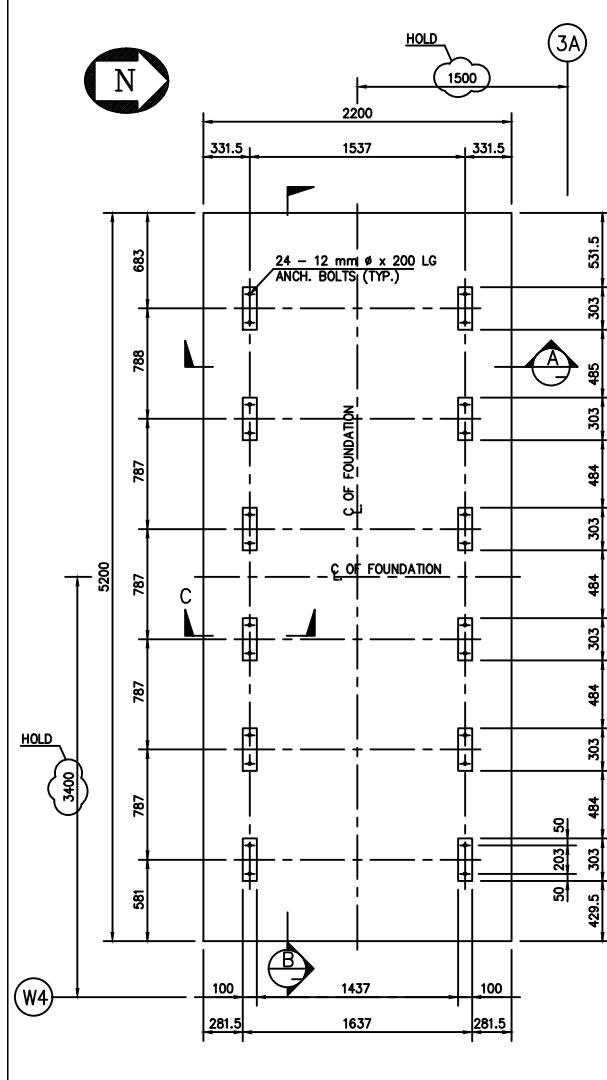


SECTION A —



STAIR FOUNDATION  
RE-BAR ARRANGEMENT

 <b>PT. SOFRESID SUPRACO INDONESIA</b>		SIMONS PACIFIC CONSTRUCTORS PTE. LTD.		
		SPC DRAWING NUMBER		REV.
S	P.T. KIANI KERTAS			CHEMETICS INTERNATIONAL COMPANY LTD
F	KALIMANTAN TIMUR			1818 CORNWALL AVENUE
D	INDONESIA	VANCOUVER B.C. CANADA V6J 1C7		
S	CONTROL BUILDING	APP:		SCALE : 1 : 20
D	STAIRWAY-1 & STAIRWAY-2 REINFORCEMENT	CHECK:		DRAWING NUMBER
S		DRAW'N: EYD	28/04/'95	REV.
			A1-92C02400-6-2621	1



**REBAR ARRANGEMENT**  
SCALE 1 : 25

No.	REFERENCE DRAWING	DWG. No.	No.	ISSUED FOR	BY	DATE	No.	ISSUED FOR	BY	DATE	No.	REVISION	BY	DATE	APP No.	REVISION	BY	DATE	APP
1	A1-92C02400-6-2601		0	COMMENTS	EYD	30.06'95					-								
			1	CONSTRUCTION	EYD	14.07'95					1	AS MARKED							

**NOTES :**

1. ALL DIMENSION ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
2. CHEMETICS ELEVATION 0.00 EQUALS 33.00 M MILL SITE ELEVATION.

**SOFRESID**  
PT. SOFRESID SUPRACO INDONESIA

SIMONS PACIFIC CONSTRUCTORS PTE. LTD.

SPC DRAWING NUMBER

REV.

CHEMETICS INTERNATIONAL COMPANY Ltd

1818 CORNWALL AVENUE

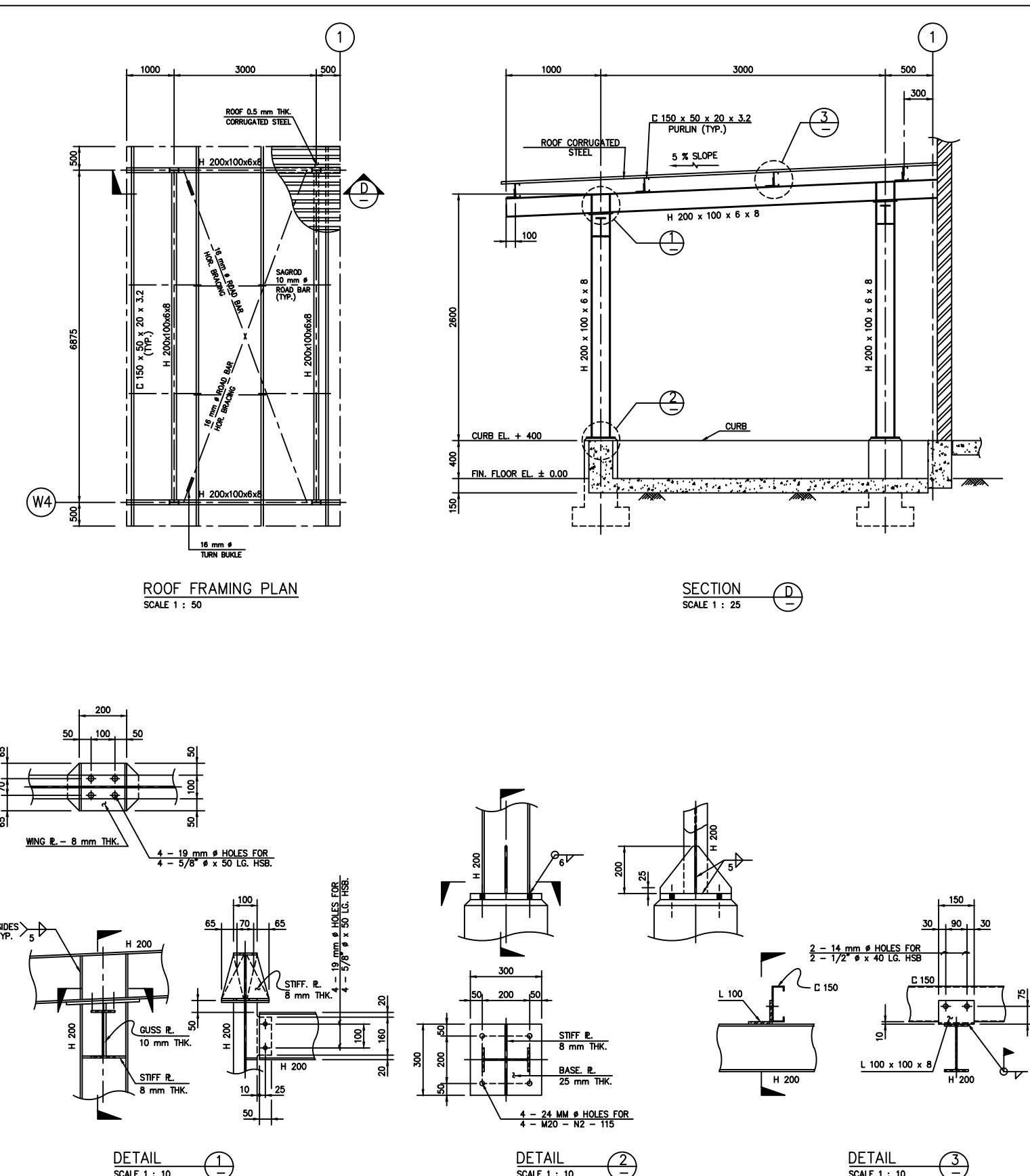
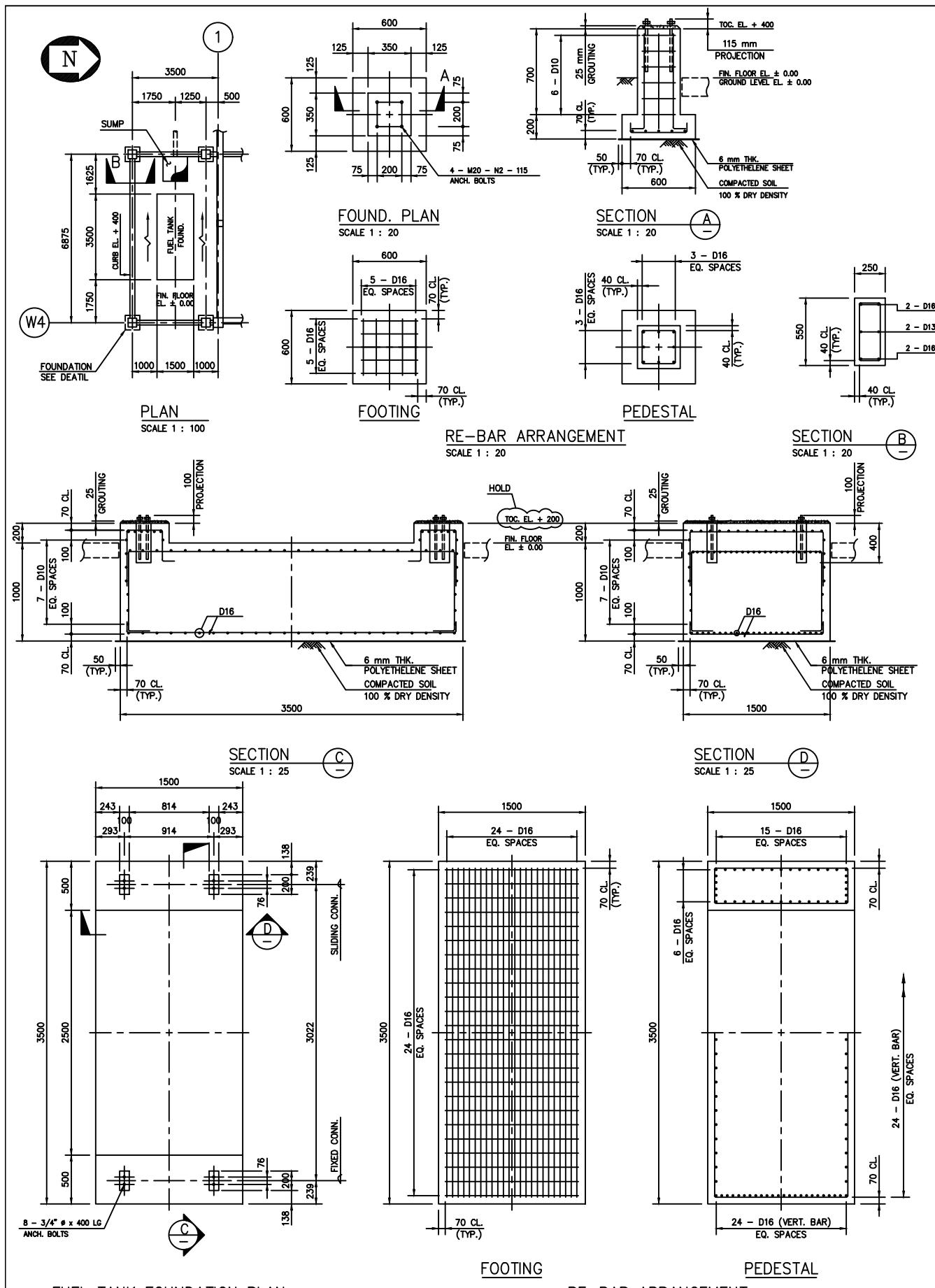
VANCOUVER B.C. CANADA V6J 1C7

**CHEMETICS**

CONTROL BUILDING APP: APP: SCALE : AS SHOWN

GENERATOR & TRANSFORMER FOUNDATIONS CHECK: DRAWN BY: EYD: 24/03/'95

DRAWING NUMBER A1-92C02400-6-2622 REV. 1



**NOTES :**

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
2. CHEMETICS ELEVATION 00.00 EQUALS 33.00 mm MILL SITE ELEVATION

**SPC**  
**SOPRESID**  
INDONESIA  
PT. SOPRESID SUPRACO INDONESIA

SIMONS PACIFIC CONSTRUCTORS PTE. LTD.

SPC DRAWING NUMBER

REV.

No.	REFERENCE DRAWING	DWG. No.	No.	ISSUED FOR	BY	DATE	No.	ISSUED FOR	BY	DATE	No.	REVISION	BY	DATE	APP	No.	REVISION	BY	DATE	APP
		0		COMMENTS	EYD	14.7'95						-								

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CHEMETICS INTERNATIONAL COMPANY Ltd  
1818 CORNWALL AVENUE

VANCOUVER B.C. CANADA V6J 1C7

CONTROL BUILDING APP APP : SCALE : AS SHOWN

FUEL TANK FOUNDATION & SHELTER DETAIL CHECK DRAWN' EYD 11/07/95

DRAWING NUMBER A1-92C02400-6-2626

REV. 0

COLUMN, PIPE RACKS, ETC. ANCHOR BOLT SCHEDULE						
COL	BAYLINE LOCATION OR PAD DISCRIPTION	ANCHOR BOLT I.D. MARK (NOTE 1)	SETS REQUIRED	PLACEMENT DRAWING	ANCHOR BOLT SUPPLIED BY	NOTES
SALT STORAGE BUILDING						
20-P3 , 21-P3	4-M36-N2-200	2	7-2720	CHEMETICS	C/W DOUBLE NUTS	
20-Q1 , 21-Q1	4-M36-N2-200	2	7-2720	CHEMETICS	C/W DOUBLE NUTS	
20-R2 , 21-R2	4-M36-N2-200	2	7-2720	CHEMETICS	C/W DOUBLE NUTS	
20-S2 , 21-S2	4-M36-N2-200	2	7-2720	CHEMETICS	C/W DOUBLE NUTS	
20-T1 , 21T-1	4-M36-N2-200	2	7-2720	CHEMETICS	C/W DOUBLE NUTS	
20-U4 , 21-U4	4-M36-N2-200	2	7-2720	CHEMETICS	C/W DOUBLE NUTS	
20-V3 , 21-V3	4-M36-N2-200	2	7-2720	CHEMETICS	C/W DOUBLE NUTS	
20-W3 , 21-W3	4-M36-N2-200	2	7-2720	CHEMETICS	C/W DOUBLE NUTS	
20-Y2 , 21-Y2	4-M36-N2-200	2	7-2720	CHEMETICS	C/W DOUBLE NUTS	
20-AA , 21-AA	4-M36-N2-200	2	7-2720	CHEMETICS	C/W DOUBLE NUTS	
20-AB , 21-AB	4-M36-N2-200	2	7-2720	CHEMETICS	C/W DOUBLE NUTS	
20-AC , 21-AC	4-M36-N2-200	2	7-2720	CHEMETICS	C/W DOUBLE NUTS	
20-AD , 21-AD	4-M36-N2-200	2	7-2720	CHEMETICS	C/W DOUBLE NUTS	
20-AE , 21-AE	4-M36-N2-200	2	7-2720	CHEMETICS	C/W DOUBLE NUTS	
20-AF , 21-AF	4-M36-N2-200	2	7-2720	CHEMETICS	C/W DOUBLE NUTS	
20-AG , 21-AG	4-M36-N2-200	2	7-2720	CHEMETICS	C/W DOUBLE NUTS	
20-AH , 21-AH	4-M36-N2-200	2	7-2720	CHEMETICS	C/W DOUBLE NUTS	
MID END BAY WEST	4-M32-N2-150	2	7-2720	CHEMETICS	C/W DOUBLE NUTS	
MID END BAY EAST	4-M32-N2-150	2	7-2720	CHEMETICS	C/W DOUBLE NUTS	
SPARES	4-M32-N2-150			CHEMETICS	C/W DOUBLE NUTS	
SALT UNLOADING STRUCTURE						
20A-A3	4-M36-N2-180	1	7-2713	CHEMETICS	C/W DOUBLE NUTS	
20A-B1	4-M36-N2-180	1	7-2713	CHEMETICS	C/W DOUBLE NUTS	
20A-C1	4-M36-N2-180	1	7-2713	CHEMETICS	C/W DOUBLE NUTS	
20D-A3	4-M36-N2-180	1	7-2713	CHEMETICS	C/W DOUBLE NUTS	
20D-B1	4-M36-N2-180	1	7-2713	CHEMETICS	C/W DOUBLE NUTS	
20D-C1	4-M36-N2-180	1	7-2713	CHEMETICS	C/W DOUBLE NUTS	

## AREA 7 EMBEDDED METALS

BRINE TREATMENT REF. DWG. 7-2703

## TRENCH ANGLES C/W ANCHOR BARS

38 LINEAL METERS - AS PER HAS ID-16.03 SH. 1 OF 2, FIG. 2.  
(FOR GRATING SUPPLIED BY OTHERS AS PER HAS ID-16.02.)

LIXATORS REF. DWG. 7-2710,11 & 12  
TRENCH ANGLES C/W ANCHOR BARS

10 LINEAL METERS - AS PER HAS ID-16.03 SH. 1 OF 2, FIG. 2.  
(FOR GRATING SUPPLIED BY OTHERS AS PER HAS ID-16.02.)

40 LINEAL METERS - L 150X100XB LONG LEG HORIZ. C/W 12# PLAIN BARS  
ALTERNATING @ 400 O.C. C/W 50mm 90° HOOK. SEE DET.4 DWG. 7-2711  
2-BENT PLATES 1640 WIDE X 2400 LONG C/W 6-19# X 75 @ 500 O.C.  
NELSON STUDS. SEE SECTION E ON DWG. 7-2711.

1- 850 @ 3CS SCH. 10 GALVANIZED PIPE 864 @ 10mm THK ROLLED  
SECTION 2400 LONG GALVANIZED. SEE SECTION F ON DWG. 7-2711.

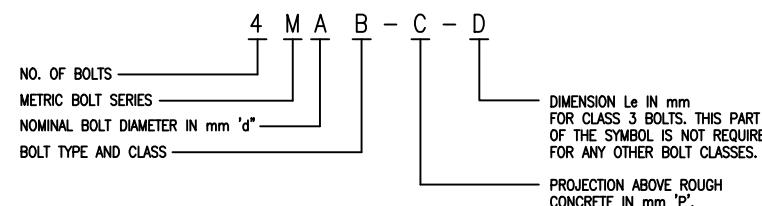
SALT UNLOADING STR. REF. DWG 7-2713 & 14  
SUMP ANGLES C/W ANCHOR BARS

10 LINEAL METERS - AS PER H.A.S. ID-16.03 SH. 2 OF 2  
L65X65X5 LONG LEG VERT. (FOR GRATING BY OTHERS AS PER  
H.A.S. STD. ID-16.05.

## NOTES:

## 1. DESIGNATION OF ANCHOR BOLT ASSEMBLY

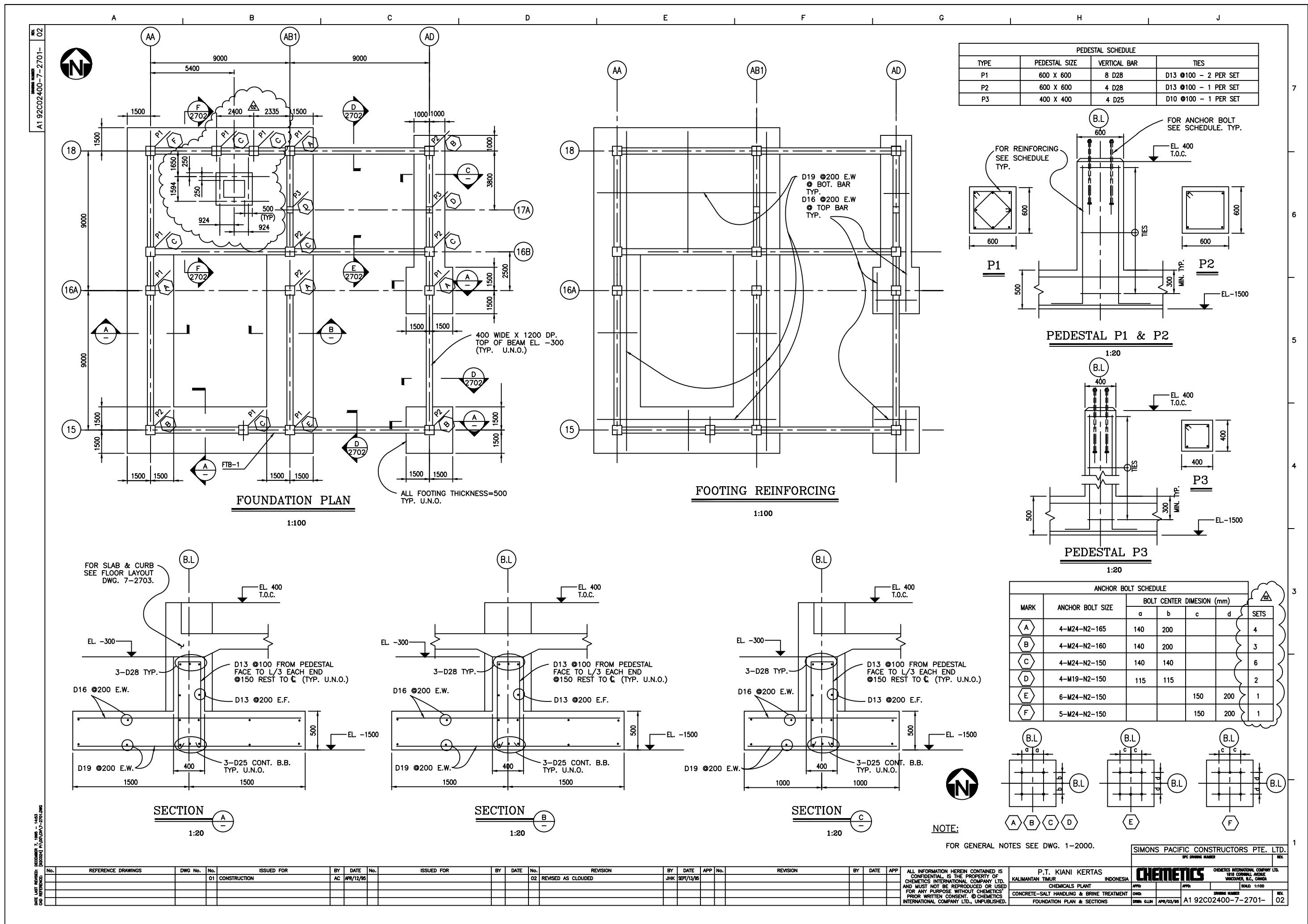
- 1.1 ANCHOR BOLT ASSEMBLIES SHALL BE CALLED UP ON THE CONSTRUCTION DRAWINGS USING THE FOLLOWING SYSTEM OF DESIGNATION WHICH CONSISTS OF A FOUR PART SYMBOL "A,B,C,D".

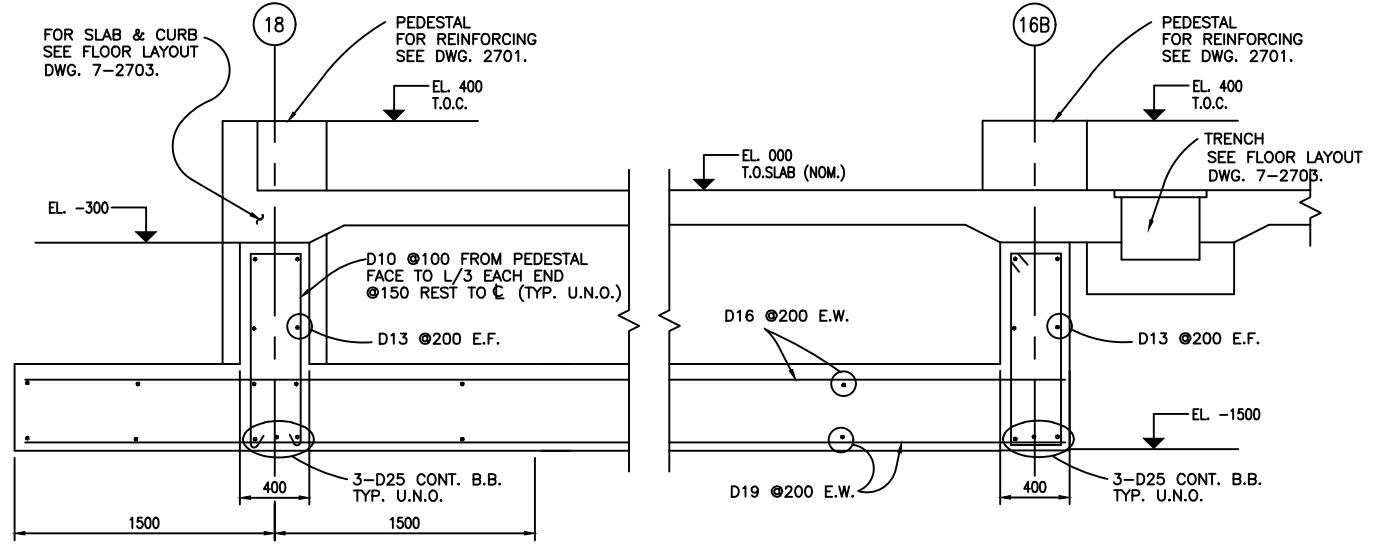


## 1.2 EXAMPLES OF ANCHOR BOLT ASSEMBLY DESIGNATION

- a. M24 N1-200 DESIGNATES 24 mm DIAMETER BOLT TYPE N CLASS 1 WITH 200 mm PROJECTION.
  - b. M20 S2-120 DESIGNATES 20mm DIAMETER BOLT TYPE S CLASS 2 WITH 120 mm PROJECTION
  - c. M30 S3-150-600 DESIGNATES 30mm DIAMETER BOLT TYPE S CLASS 3 WITH 150 mm PROJ AND L<sub>e</sub> DIMENSION OF 600 mm.

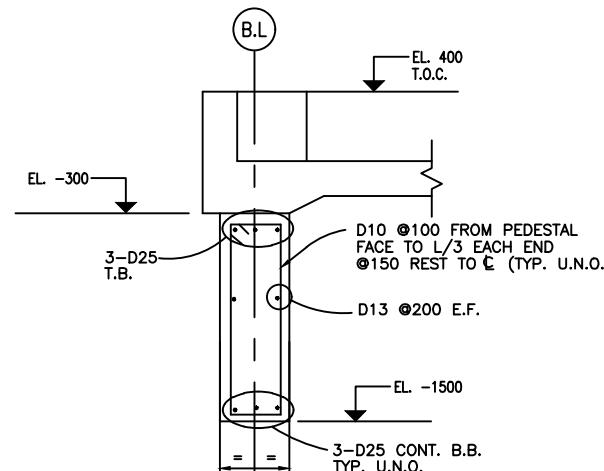
1.3 FOR ANCHOR BOLT DETAILS SPECS. ETC. SEE HAS 1D-20.01 SHEETS 1 TO 5





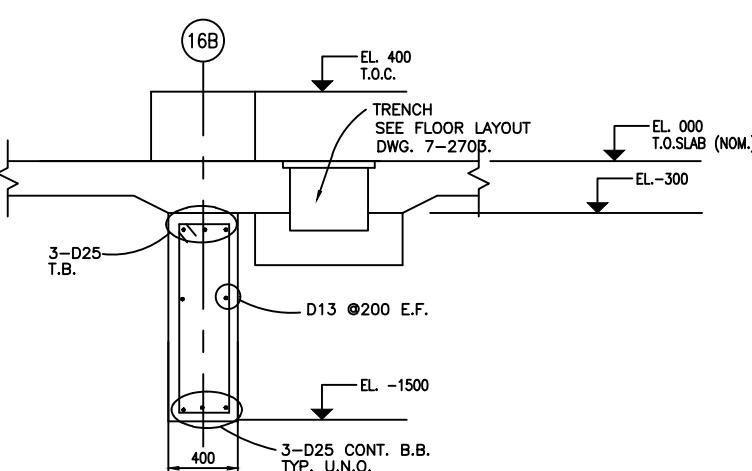
## SECTION E

1:20



SECTION

2701



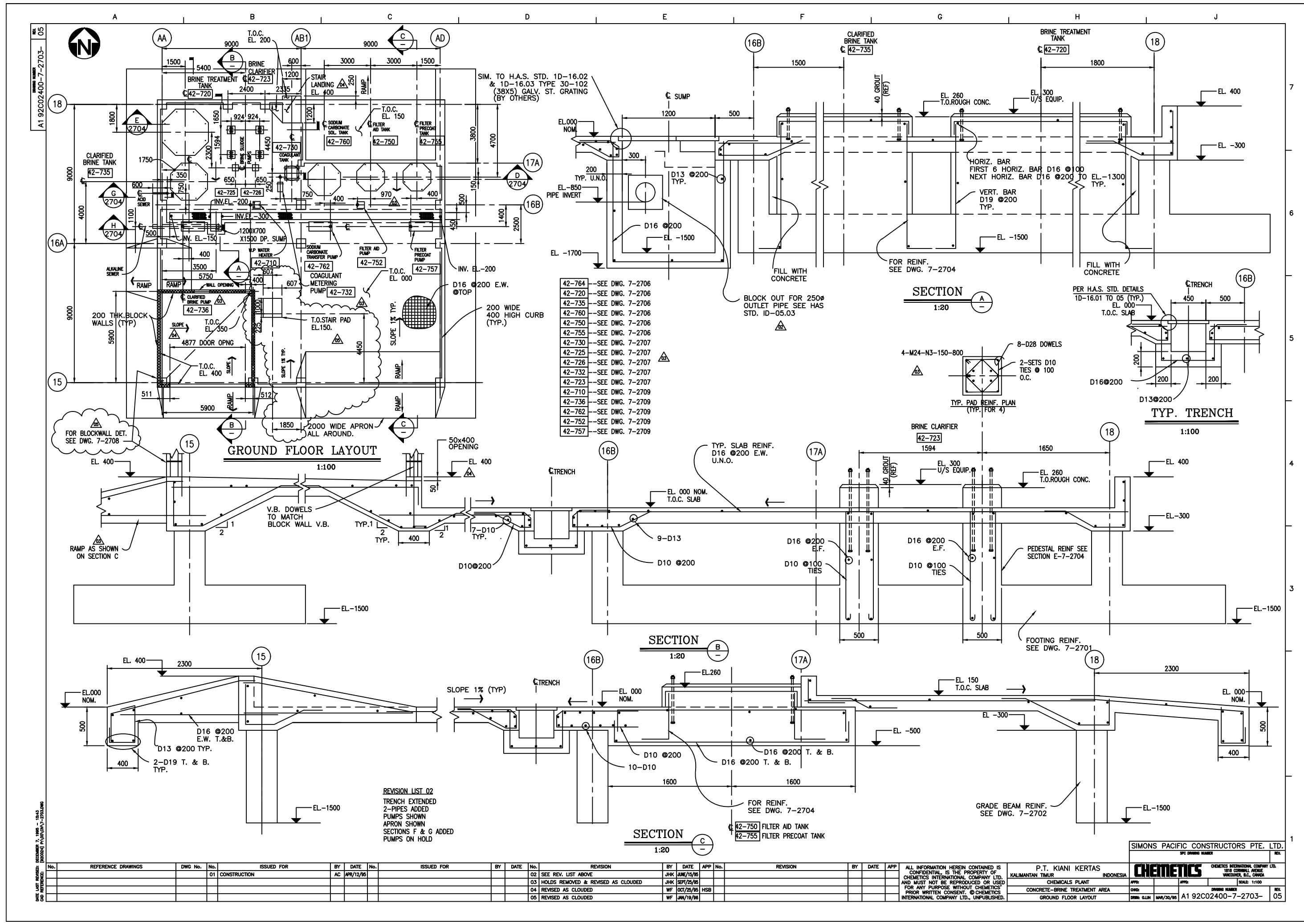
## SECTION

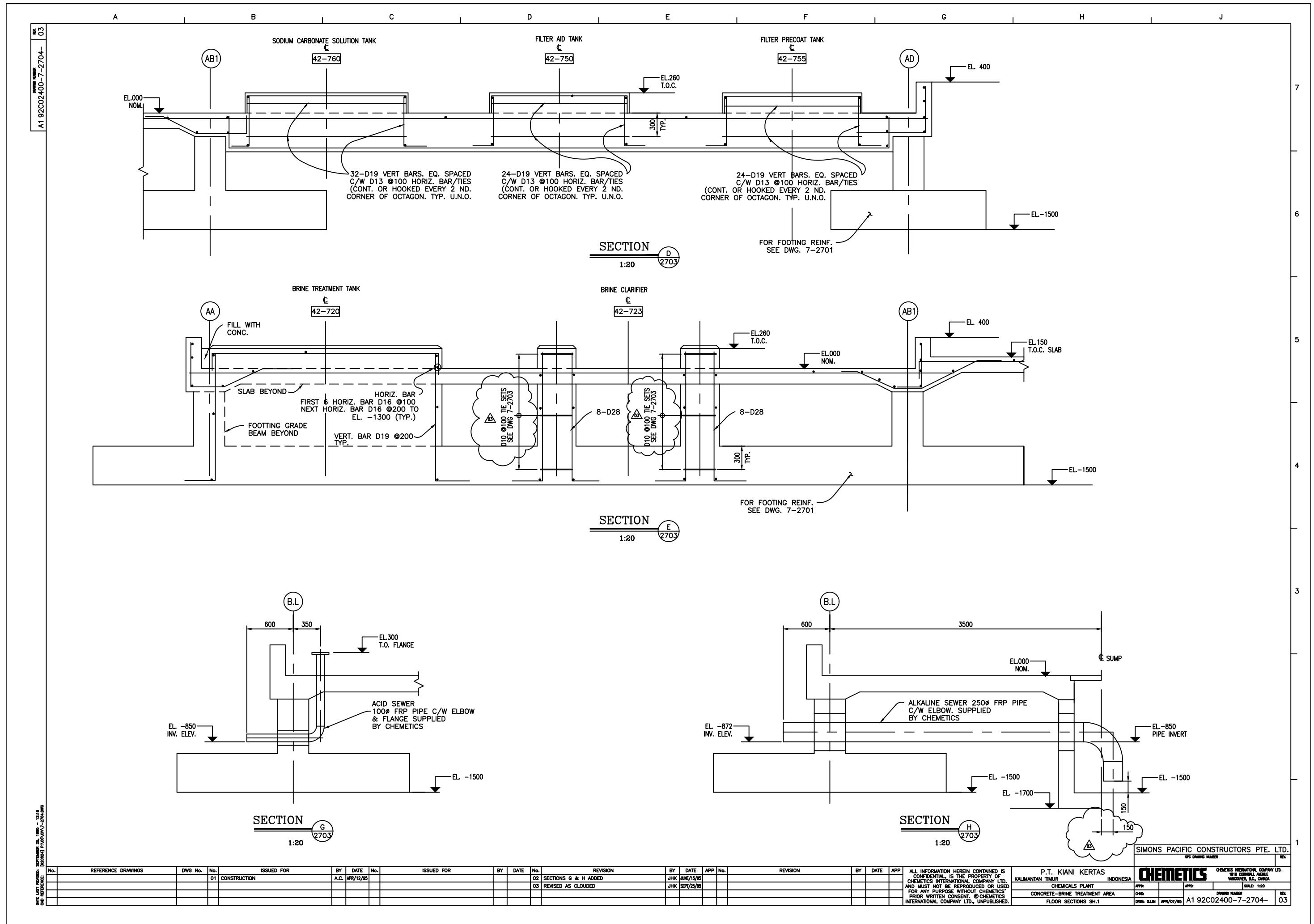
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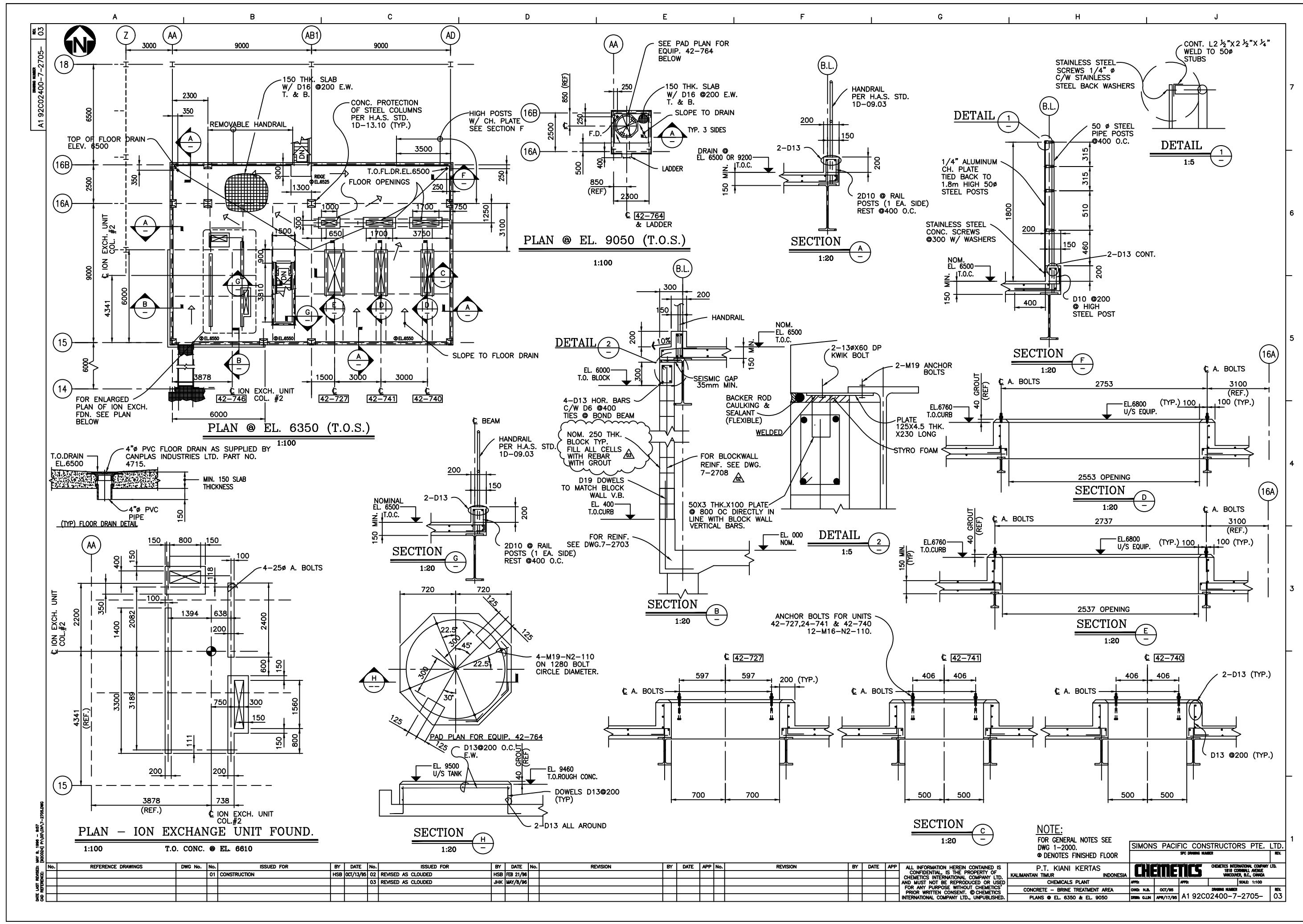
**NOTE:**

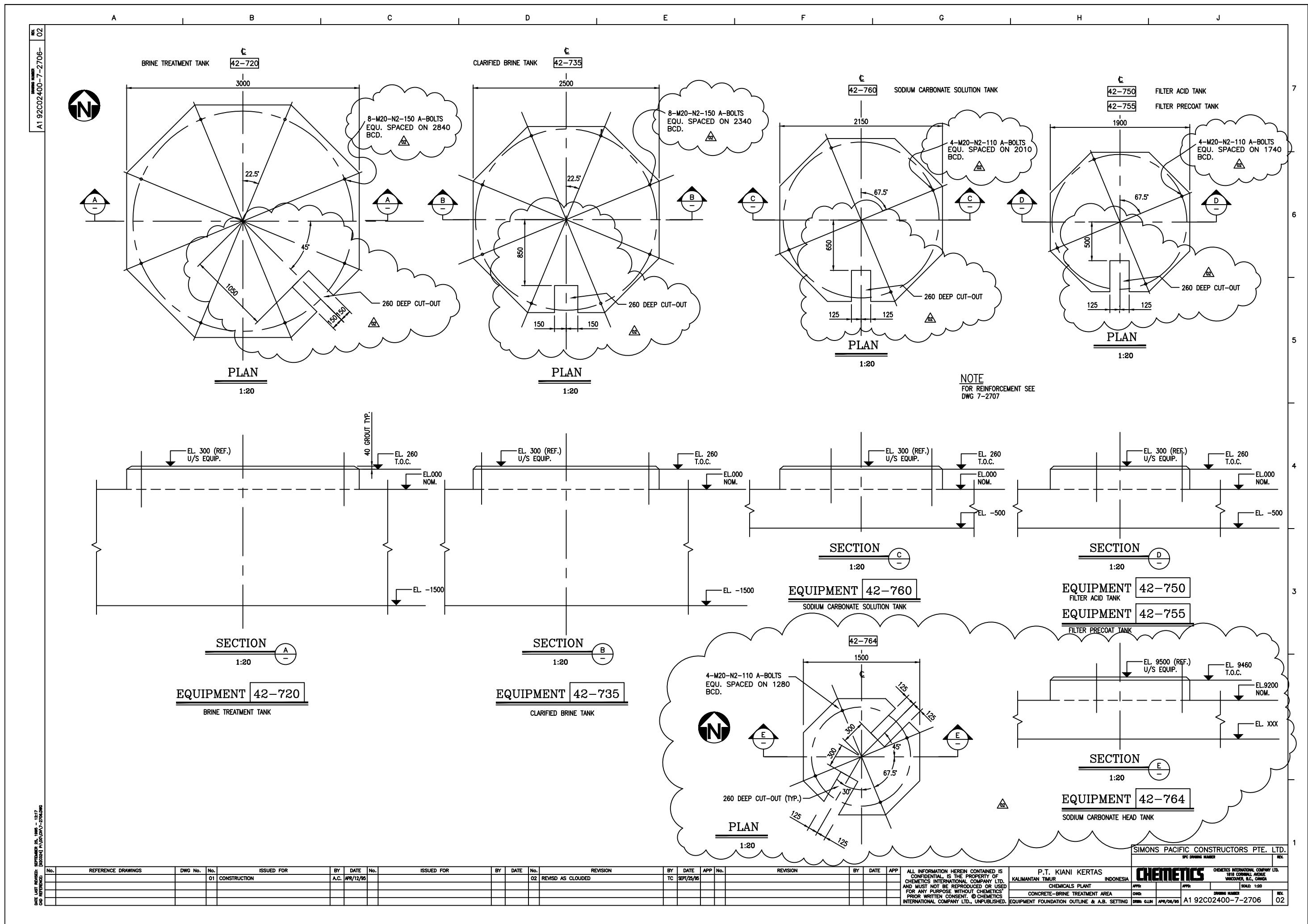
FOR GENERAL NOTES SEE DWG. 1-2000.

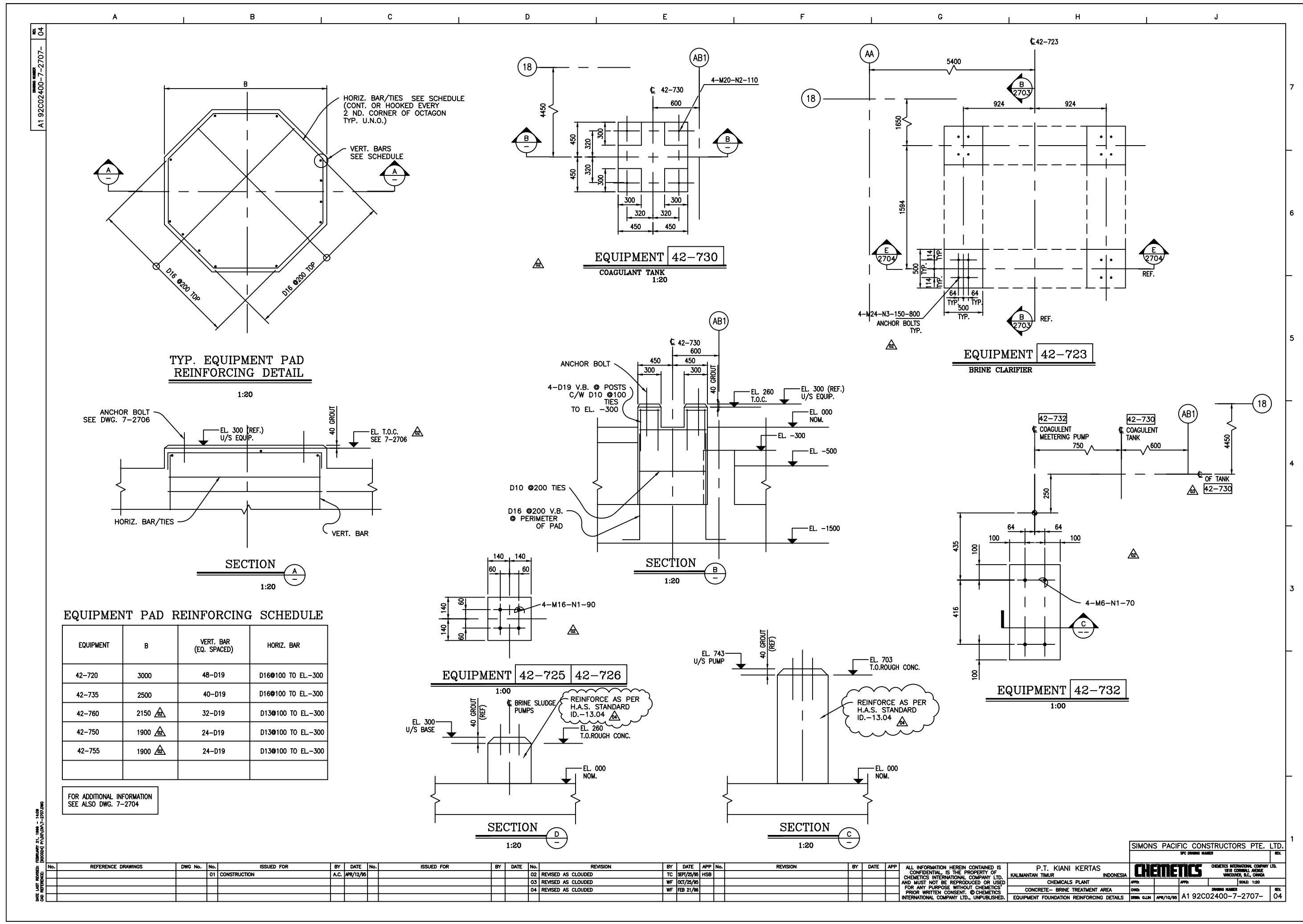
SIMONS PACIFIC CONSTRUCTORS PTE. LTD																			
SPEC DRAWING NUMBER REV																			
No.	REFERENCE DRAWINGS	DWG No.	No.	ISSUED FOR	BY	DATE	No.	ISSUED FOR	BY	DATE	No.	REVISION	BY	DATE	APP No.	REVISION	BY	DATE	APP
			01	CONSTRUCTION	A.C.	APR/12/95											P.T. KIANI KERTAS	KALIMANTAN TIMUR	INDONESIA
																	CHEMTECTICS	CHEMTECTICS INTERNATIONAL COMPANY LTD	1819 COWBELL AVENUE VANCOUVER, B.C. CANADA
																	CHEMICALS PLANT	APP:	APP:
																	CONCRETE-SALT HANDLING & BRINE TREATMENT	CHCR:	DRAWING NUMBER
																	FOUNDATION SECTIONS	DRW: GLIN	APR/05/95
																	0	A1 92C02400-7-2702-	REV

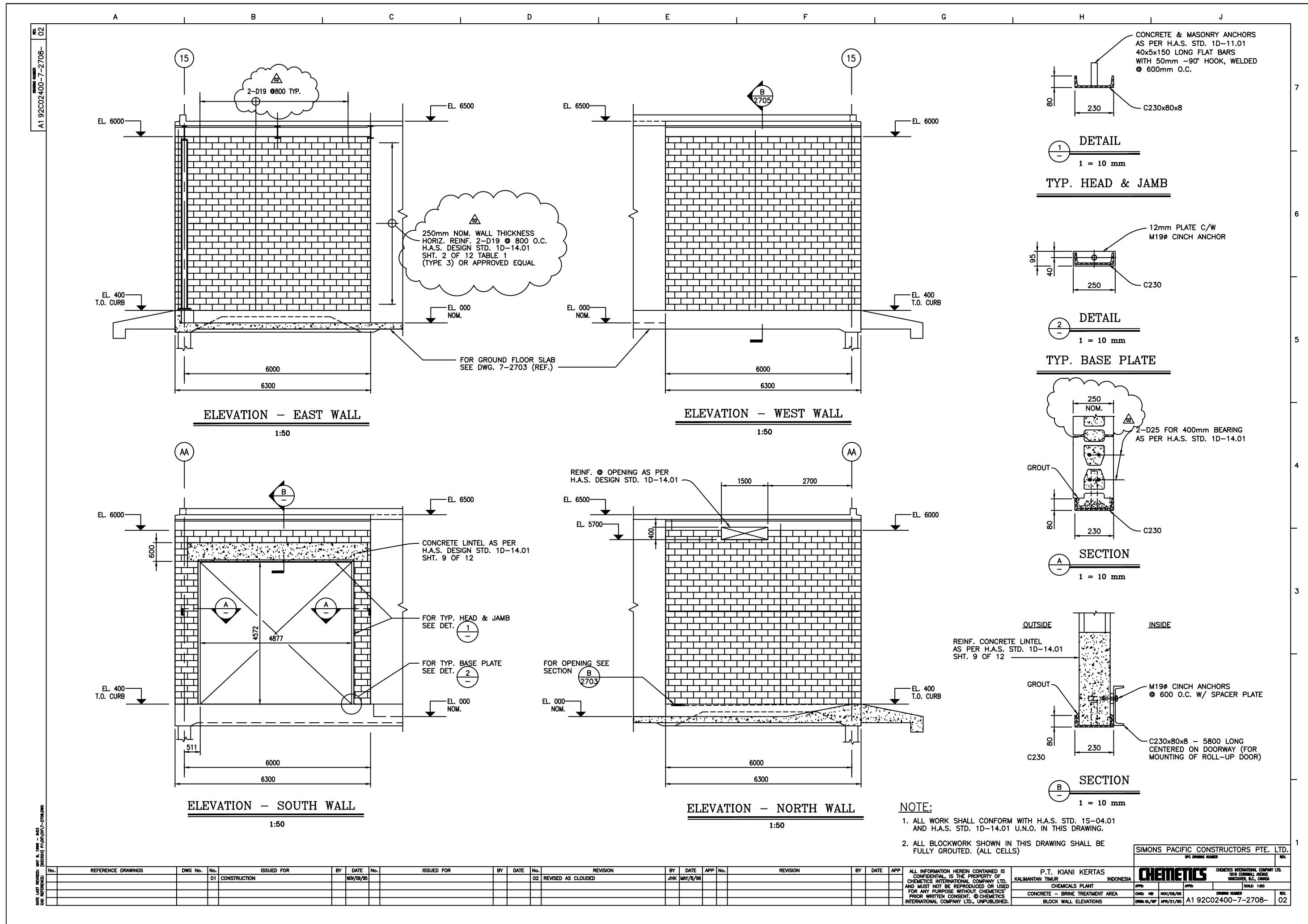


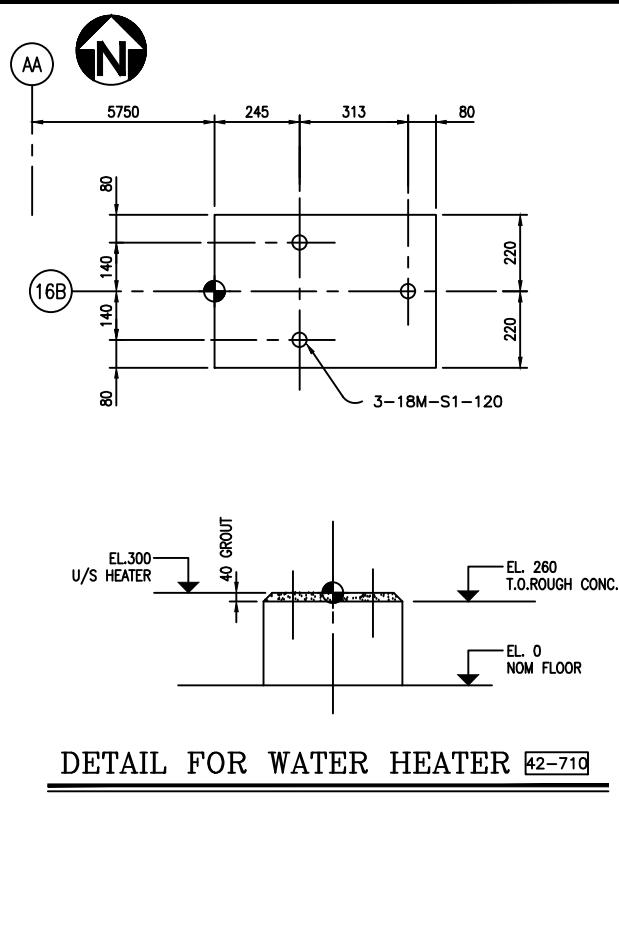
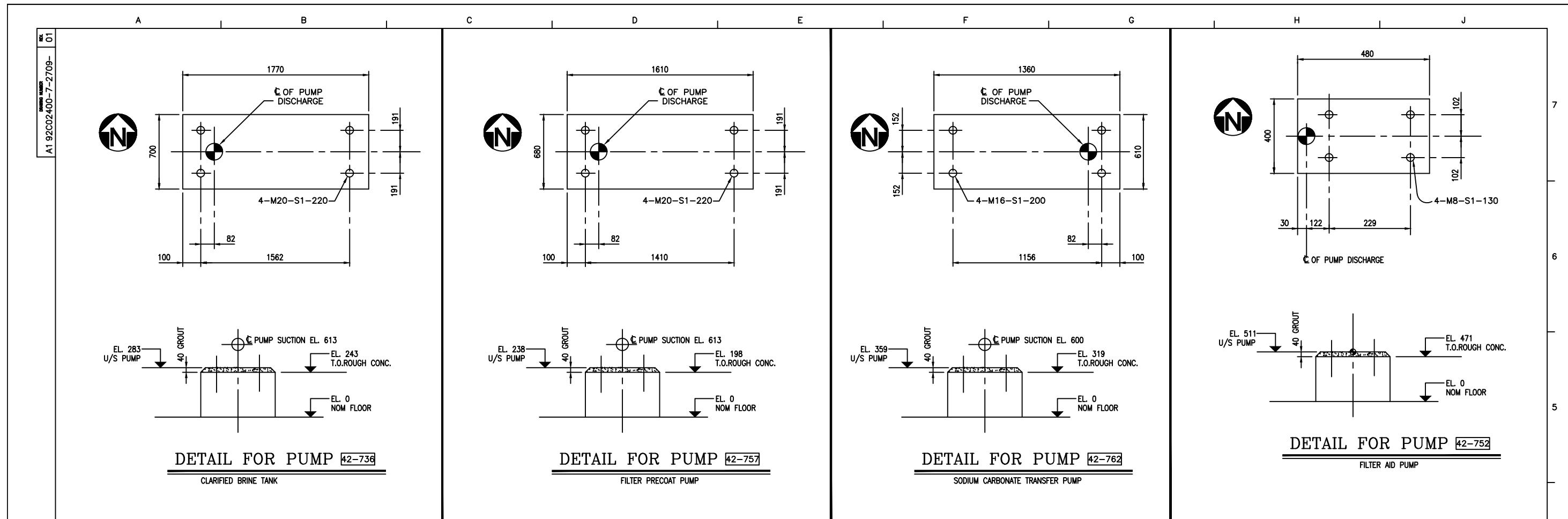






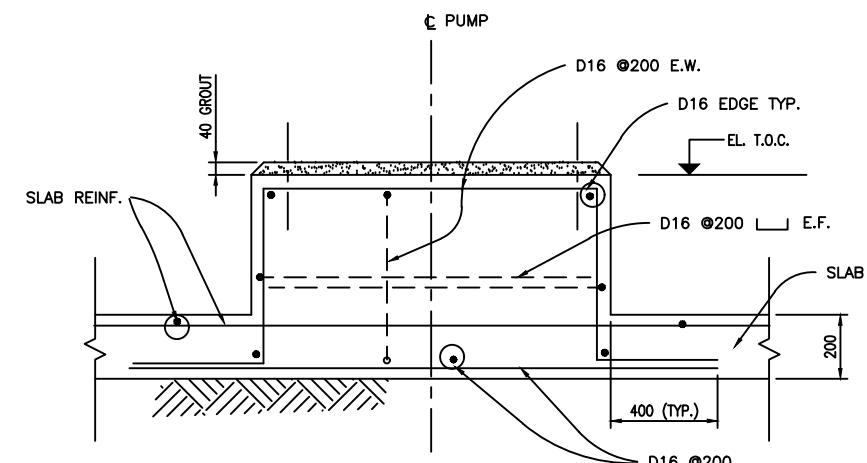






NOTES:

1. FOR GENERAL NOTES SEE DWG. 1-2000.
  2. FOR PUMPS LOCATION SEE DWG . 8-2802.
  3. ALL PUMPS FOUNDATION @ GROUND FLOOR . U.N.O.
  4. DIMENSIONS N.T.S



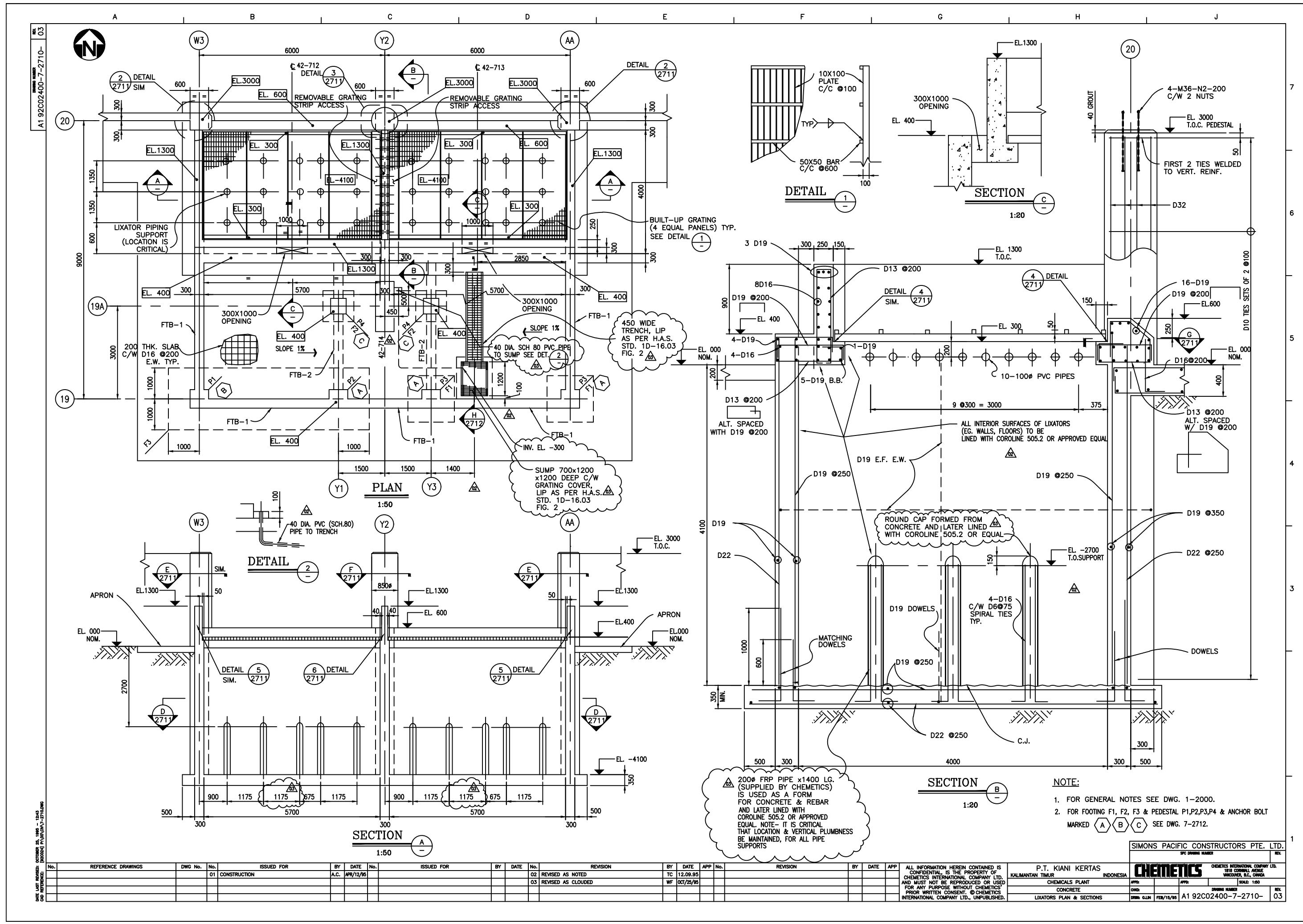
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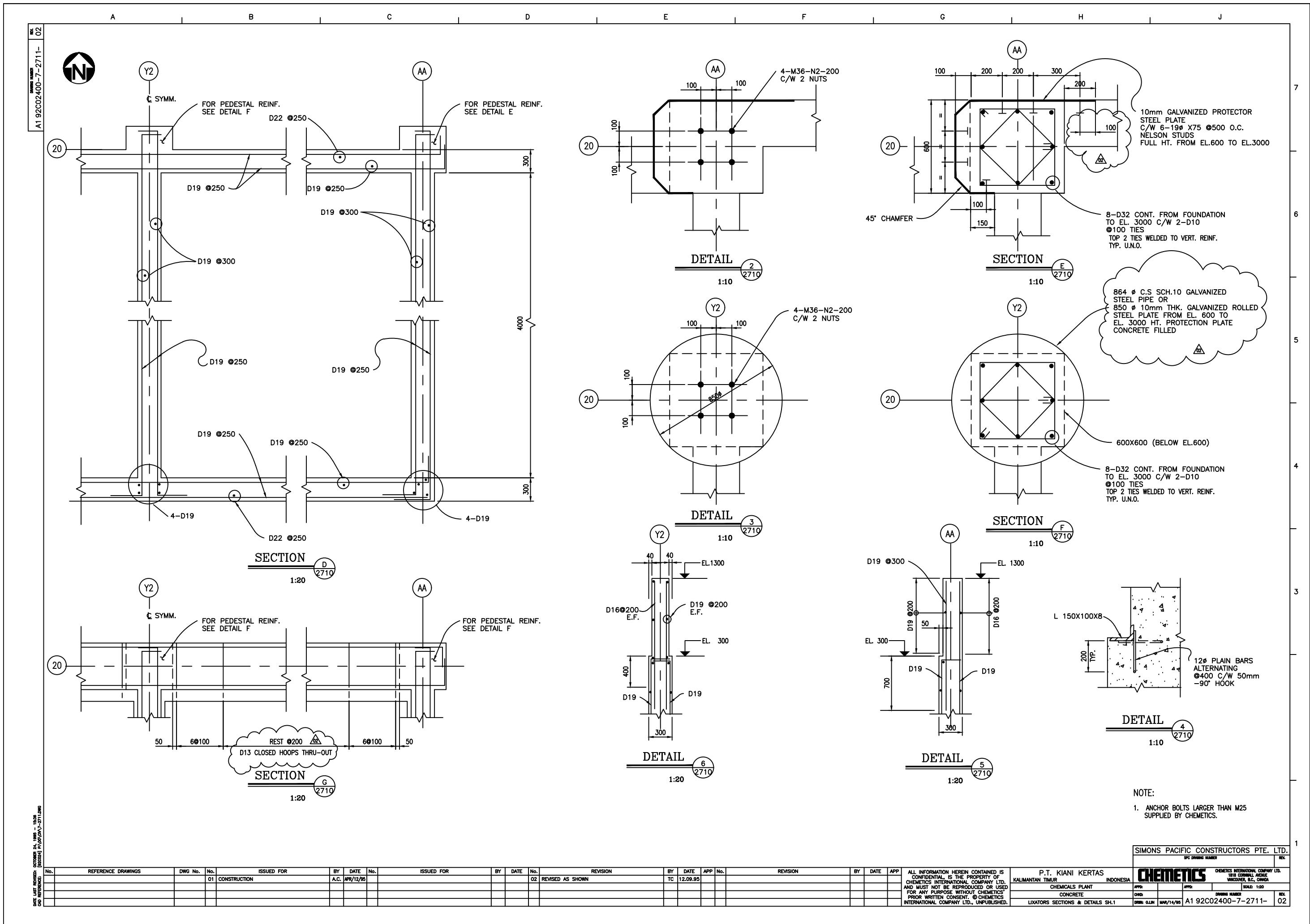
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REVISION BY DATE APP No. REVISION BY DATE APP ALL INFORMATION HEREIN CONTAINED IS CONFIDENTIAL AND OWNED BY CHEMTECS INTERNATIONAL COMPANY LTD. AND MUST NOT BE REPRODUCED OR USED FOR ANY PURPOSE WITHOUT CHEMTECS' PRIOR WRITTEN CONSENT. © CHEMTECS INTERNATIONAL COMPANY LTD., UNPUBLISHED.

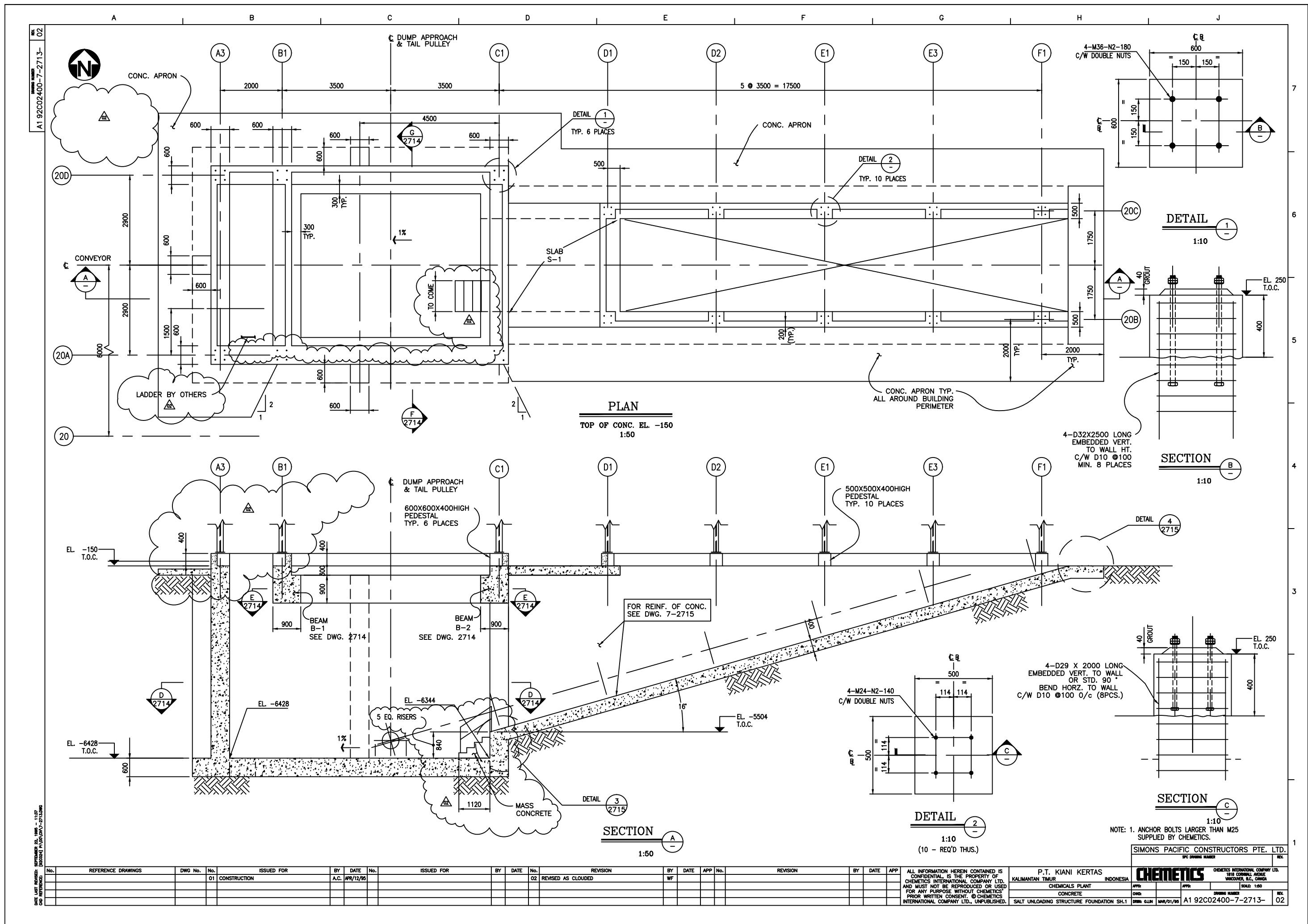
						P.T. KIANI KERTAS KALIMANTAN TIMUR			CHEMTECS INTERNATIONAL COMPANY LTD. 1810 COMMERCIAL AVENUE VANCOUVER, B.C., CANADA		
						INDONESIA			APP:	APP:	SCALE 1:20
						CHEMICALS PLANT			CDN: HSB	SEPT/95	
						CONCRETE - BRINE TREATMENT AREA			DRW: JHK	SEPT/95	DRIVING NUMBER
						EQUIPMENT PAD DETAILS			NEXT 01		

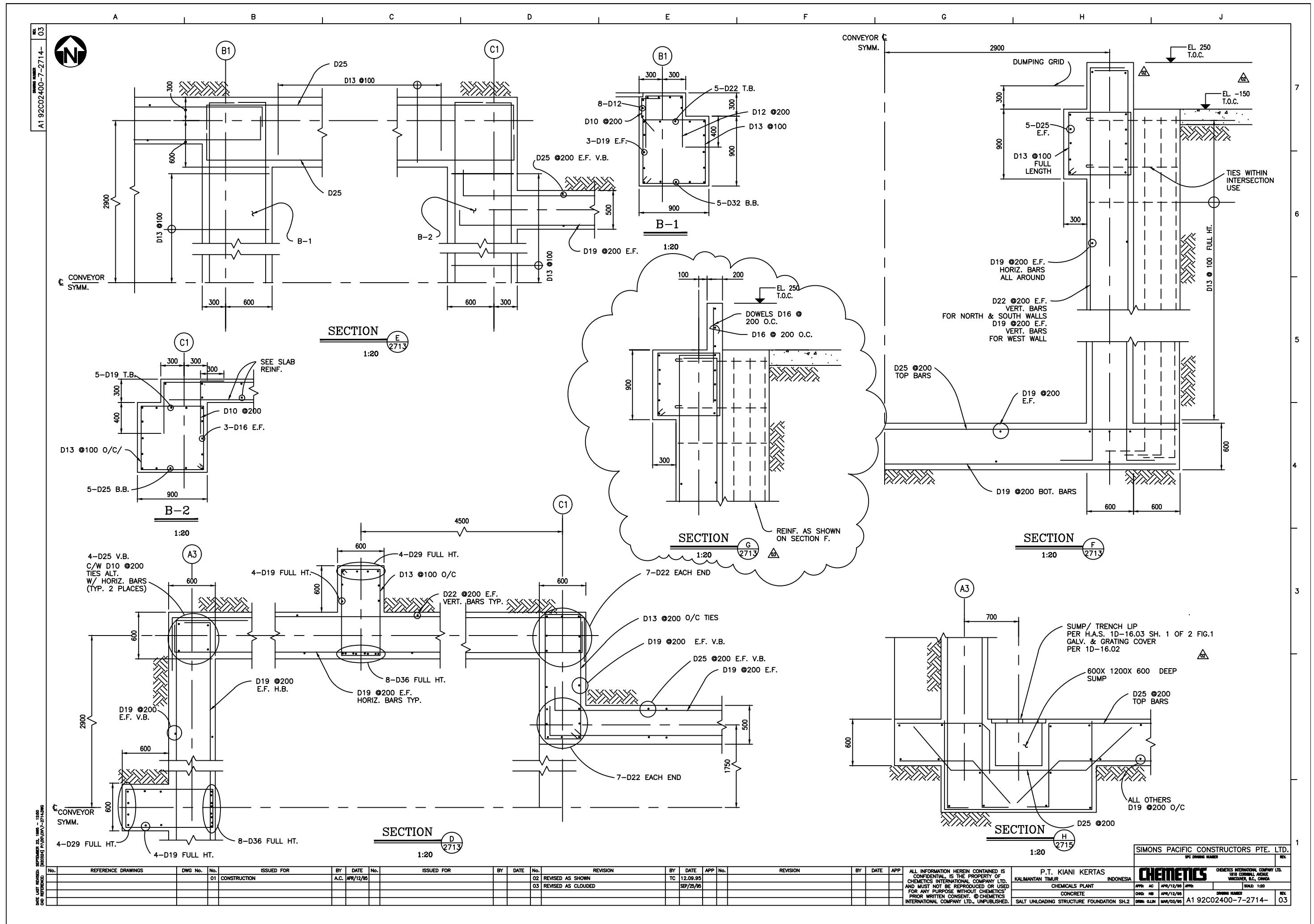
A1 92C02400-7-2709-

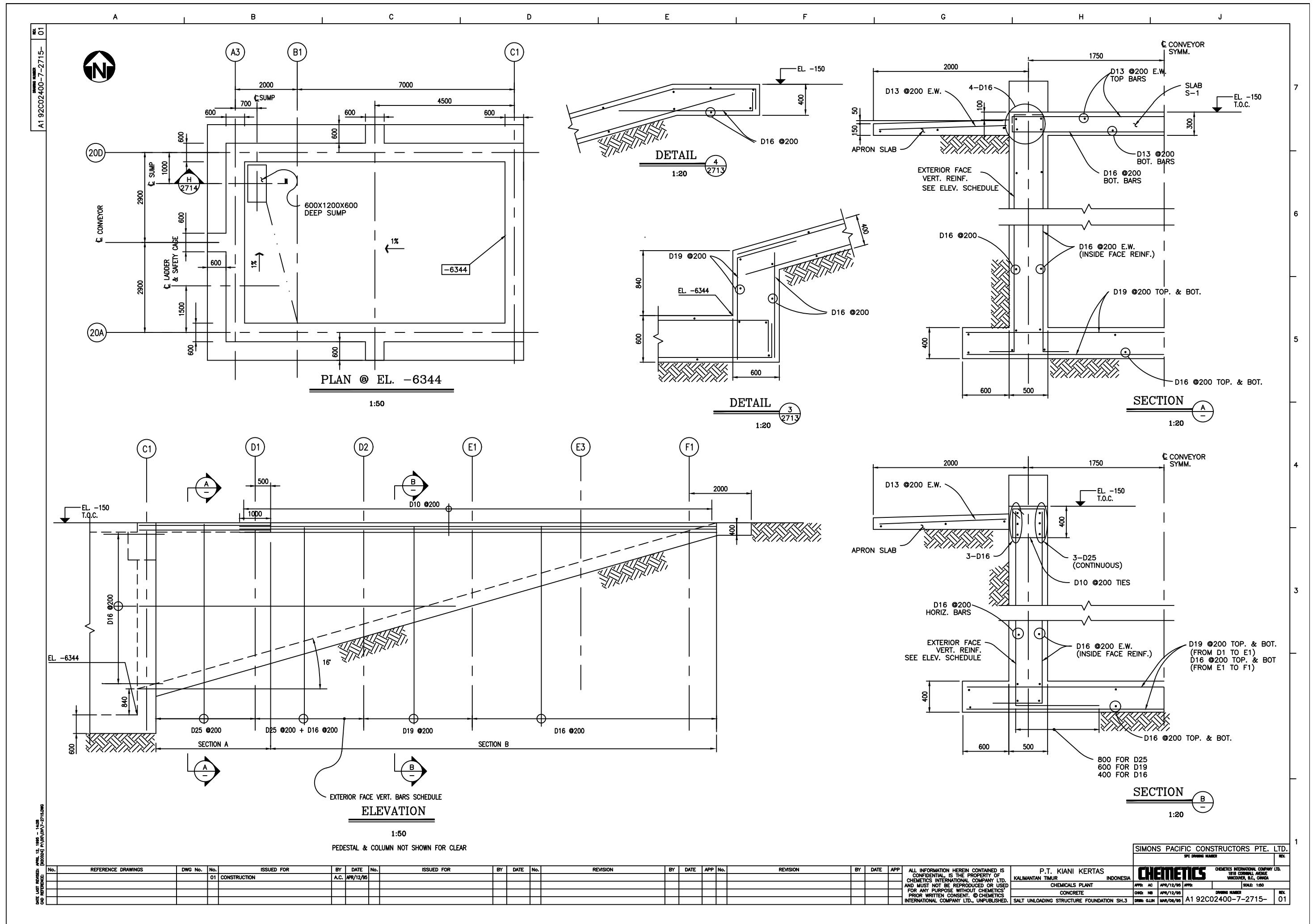


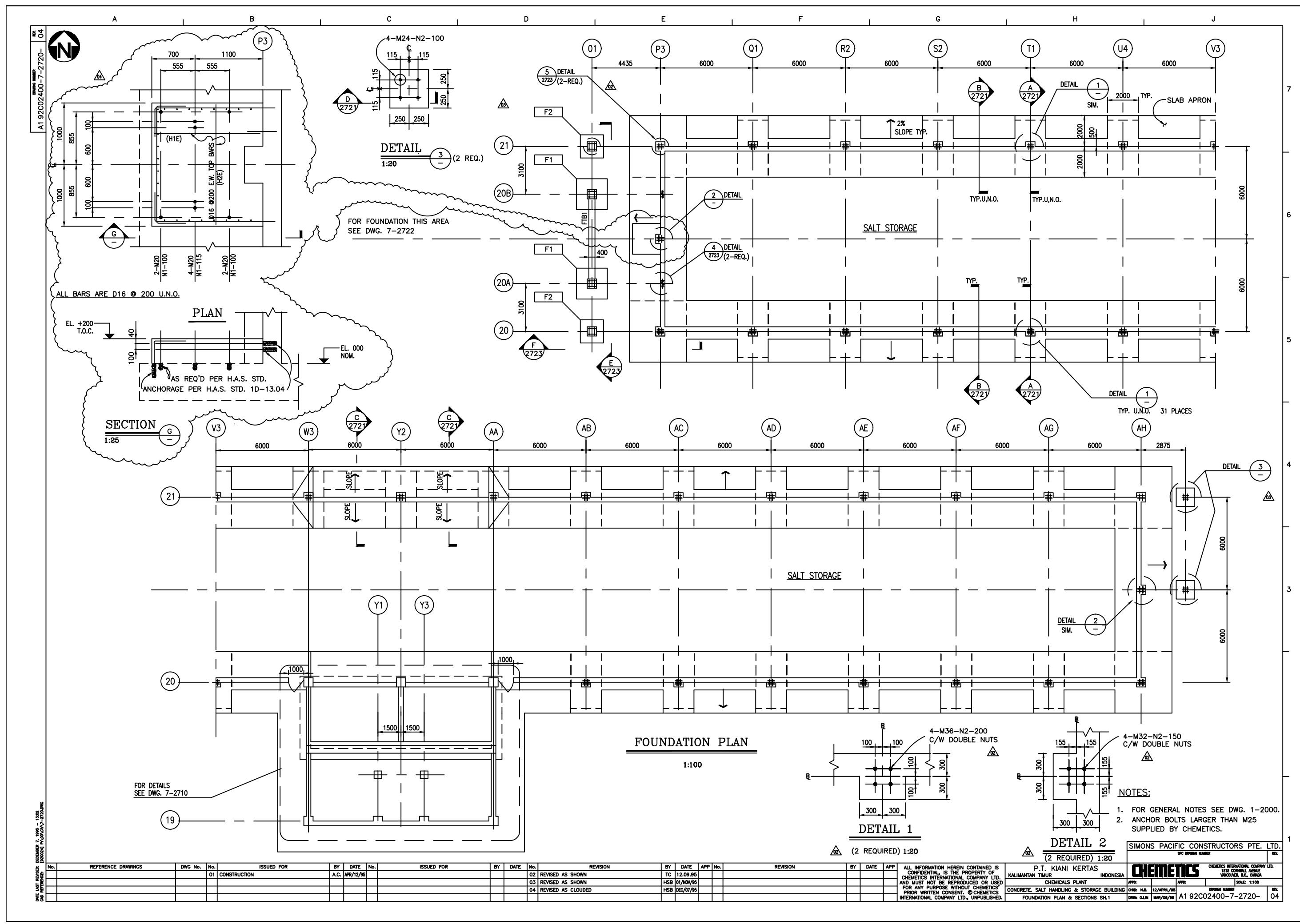


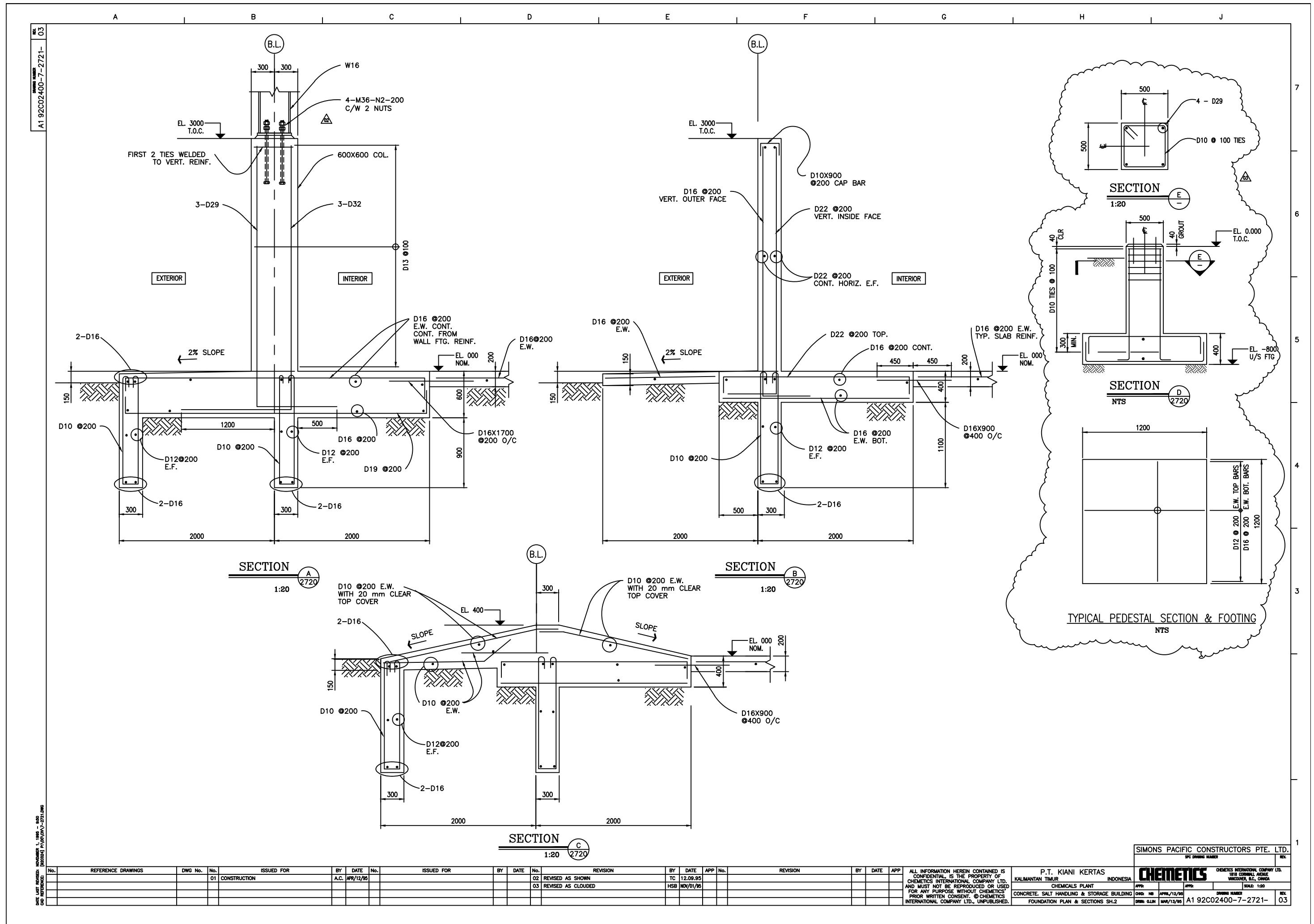


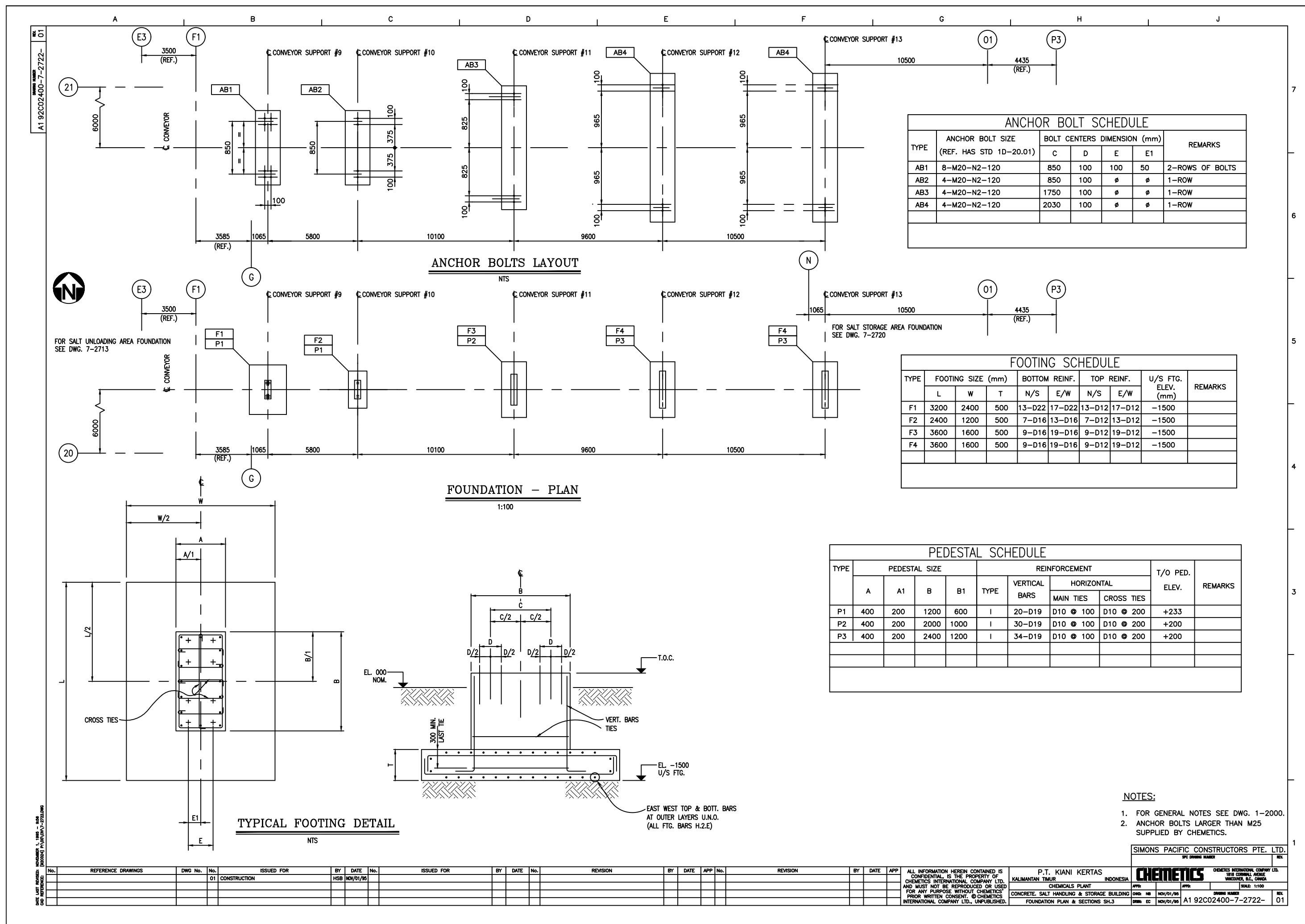


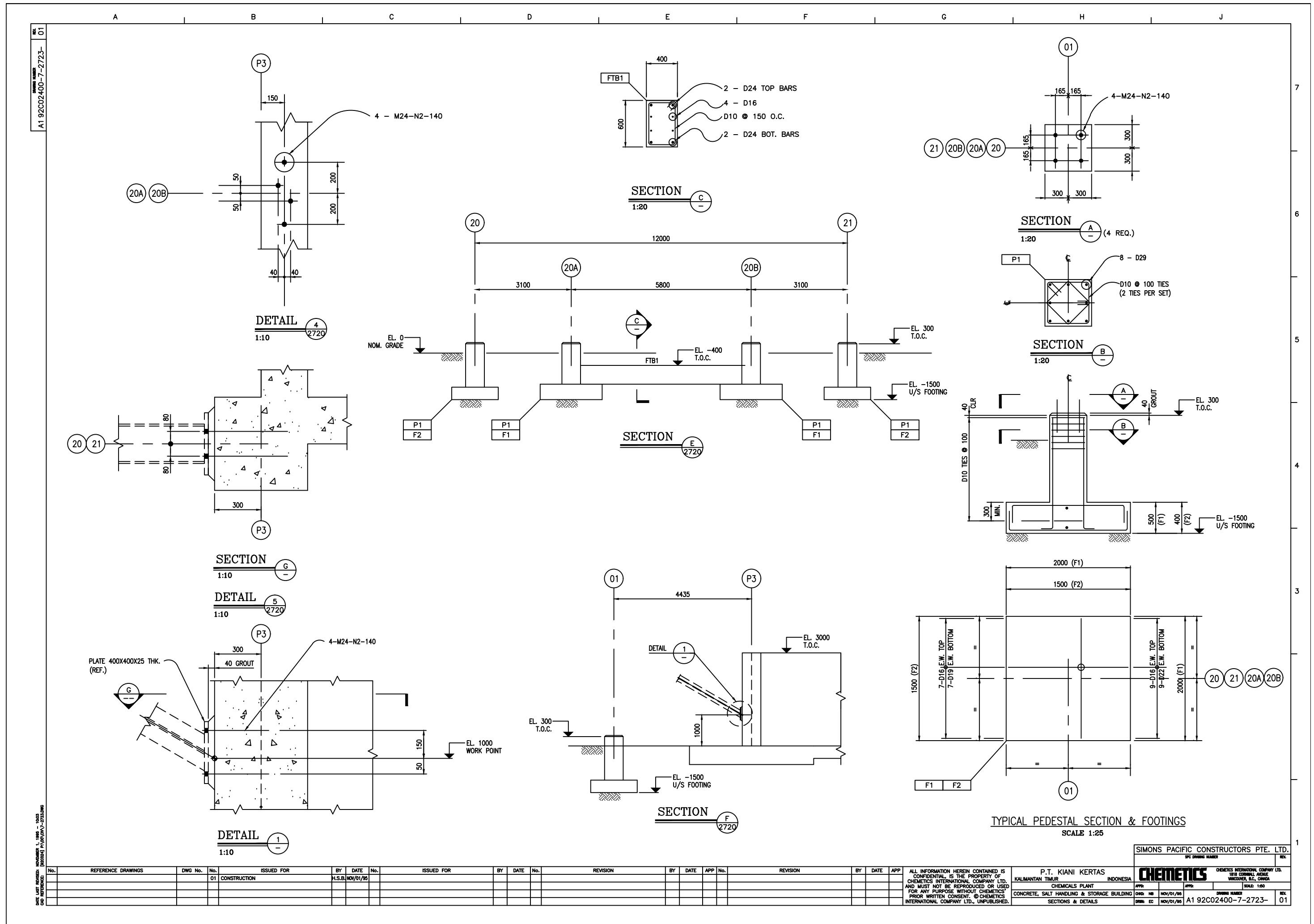










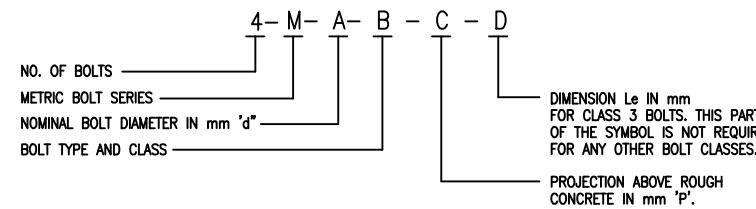


COLUMN, PIPE RACKS, ETC. ANCHOR BOLT SCHEDULE					
COL BAYLINE LOCATION OR PAD DESCRIPTION	ANCHOR BOLT I.D. MARK (NOTE 1)	SETS REQUIRED	PLACEMENT DRAWING	ANCHOR BOLT SUPPLIED BY	NOTES
14-AA	4-M48-N3-240-1200	1	8-2802	CHEMETICS	DOUBLE NUTS
14-AB	4-M30-N3-170-500	1	8-2802	CHEMETICS	DOUBLE NUTS
14-AC	4-M24-N3-140-400	1	8-2802	BY OTHERS	DOUBLE NUTS
14-AD	4-M48-N3-240-1200	1	8-2802	CHEMETICS	DOUBLE NUTS
14-AE	4-M36-N3-200-650	1	8-2802	CHEMETICS	DOUBLE NUTS
14-AF	4-M24-N3-140-400	1	8-2802	BY OTHERS	DOUBLE NUTS
14-AG	4-M24-N3-140-400	1	8-2802	BY OTHERS	DOUBLE NUTS
14-AH	4-M20-N3-125-350	1	8-2802	BY OTHERS	DOUBLE NUTS
14-AJ	4-M20-N3-125-350	1	8-2802	BY OTHERS	DOUBLE NUTS
13-AA	6-M48-N3-240-1200	1	8-2802	CHEMETICS	DOUBLE NUTS
13-AB	4-M30-N3-170-500	1	8-2802	CHEMETICS	DOUBLE NUTS
13-AG	4-M20-N3-125-350	1	8-2802	BY OTHERS	DOUBLE NUTS
13-AJ	4-M20-N3-125-350	1	8-2802	BY OTHERS	DOUBLE NUTS
12-AA	4-M30-N3-170-500	1	8-2802	CHEMETICS	DOUBLE NUTS
12-AB	4-M30-N3-170-500	1	8-2802	CHEMETICS	DOUBLE NUTS
12-AC	4-M30-N3-170-500	1	8-2802	CHEMETICS	DOUBLE NUTS
12-AD	4-M56-N3-250-1200	1	8-2802	CHEMETICS	DOUBLE NUTS
12-AE	4-M56-N3-250-1200	1	8-2802	CHEMETICS	DOUBLE NUTS
12-AF	4-M24-N3-140-400	1	8-2802	BY OTHERS	DOUBLE NUTS
12-AG	4-M24-N3-140-400	1	8-2802	BY OTHERS	DOUBLE NUTS
12-AH	4-M20-N3-125-350	1	8-2802	BY OTHERS	DOUBLE NUTS
12-AJ	4-M20-N3-125-350	1	8-2802	BY OTHERS	DOUBLE NUTS
11-AA	6-M48-N3-240-1200	1	8-2802	CHEMETICS	DOUBLE NUTS
11-AB	4-M30-N3-170-500	1	8-2802	CHEMETICS	DOUBLE NUTS
11-AC	4-M48-N3-240-1200	1	8-2802	CHEMETICS	DOUBLE NUTS
9-AA	4-M48-N3-240-1200	1	8-2802	CHEMETICS	DOUBLE NUTS
9-AB	4-M30-N3-170-500	1	8-2802	CHEMETICS	DOUBLE NUTS
9-AC	4-M48-N3-240-1200	1	8-2802	CHEMETICS	DOUBLE NUTS

NOTES:

- 1. DESIGNATION OF ANCHOR BOLT ASSEMBLY**

**1.1 ANCHOR BOLT ASSEMBLIES SHALL BE CALLED UP ON THE CONSTRUCTION DRAWINGS USING THE FOLLOWING SYSTEM OF DESIGNATION WHICH CONSISTS OF A FOUR PART SYMBOL "A,B,C,D".**

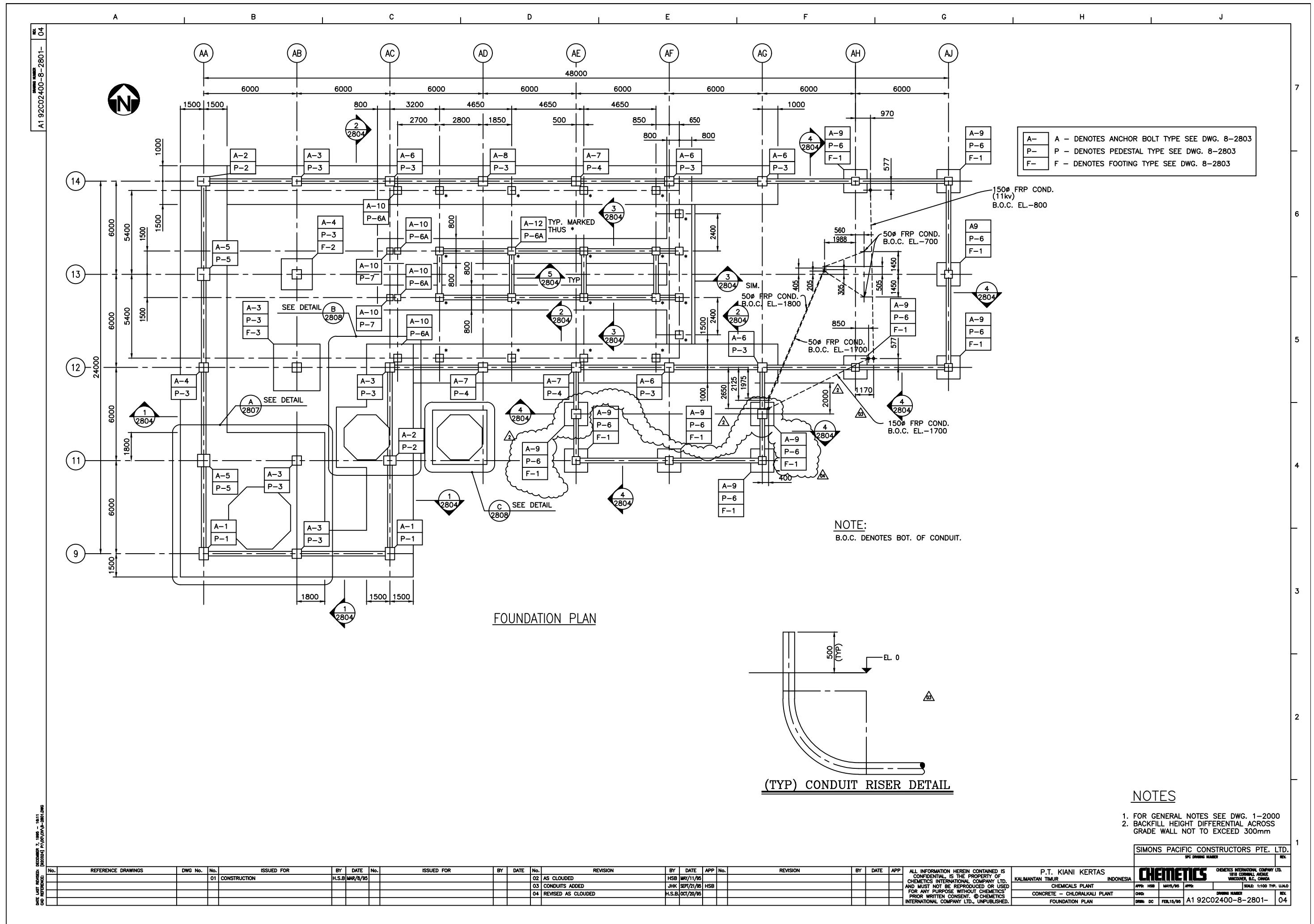


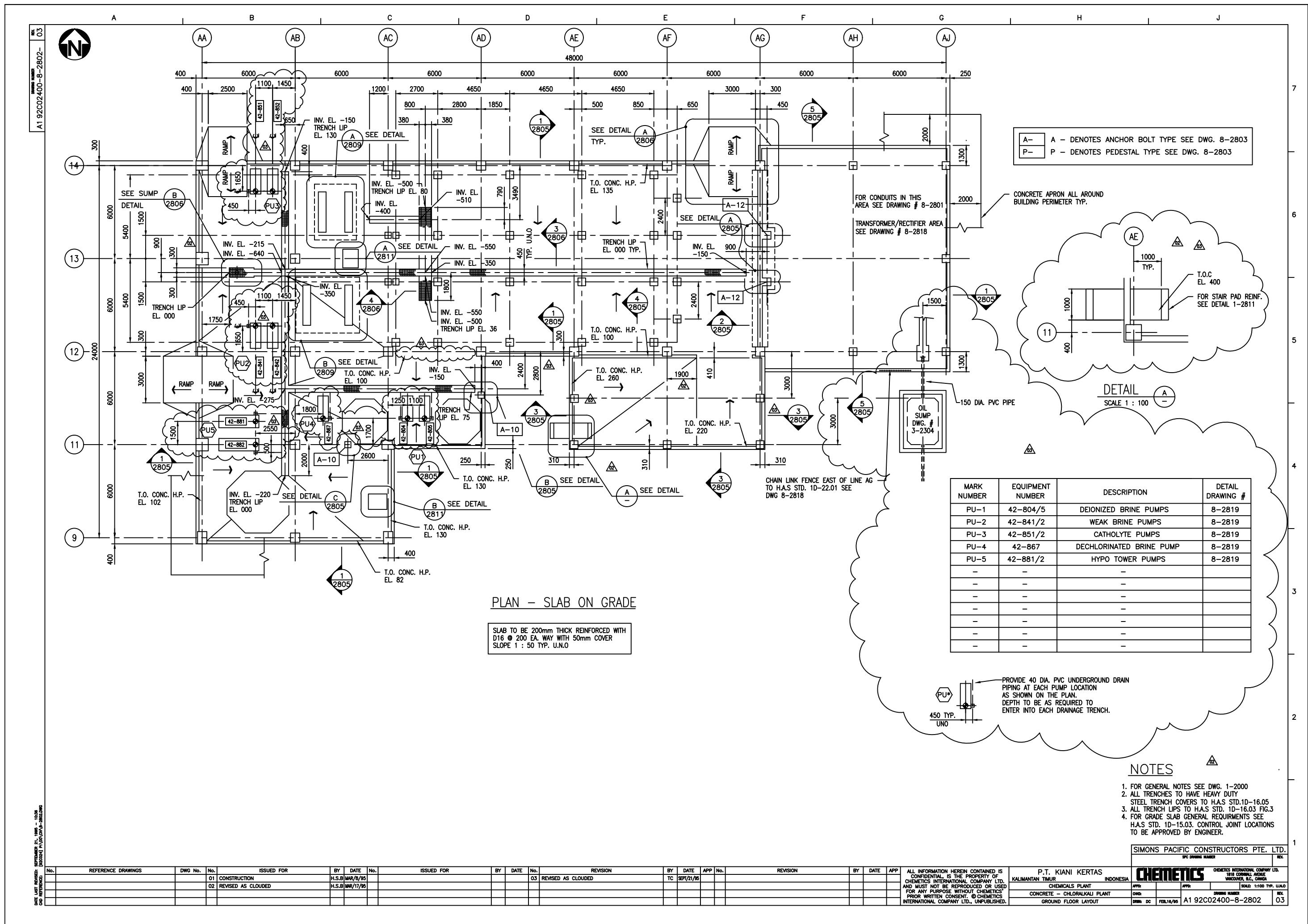
- ## 1.2 EXAMPLES OF ANCHOR BOLT ASSEMBLY DESIGNATION

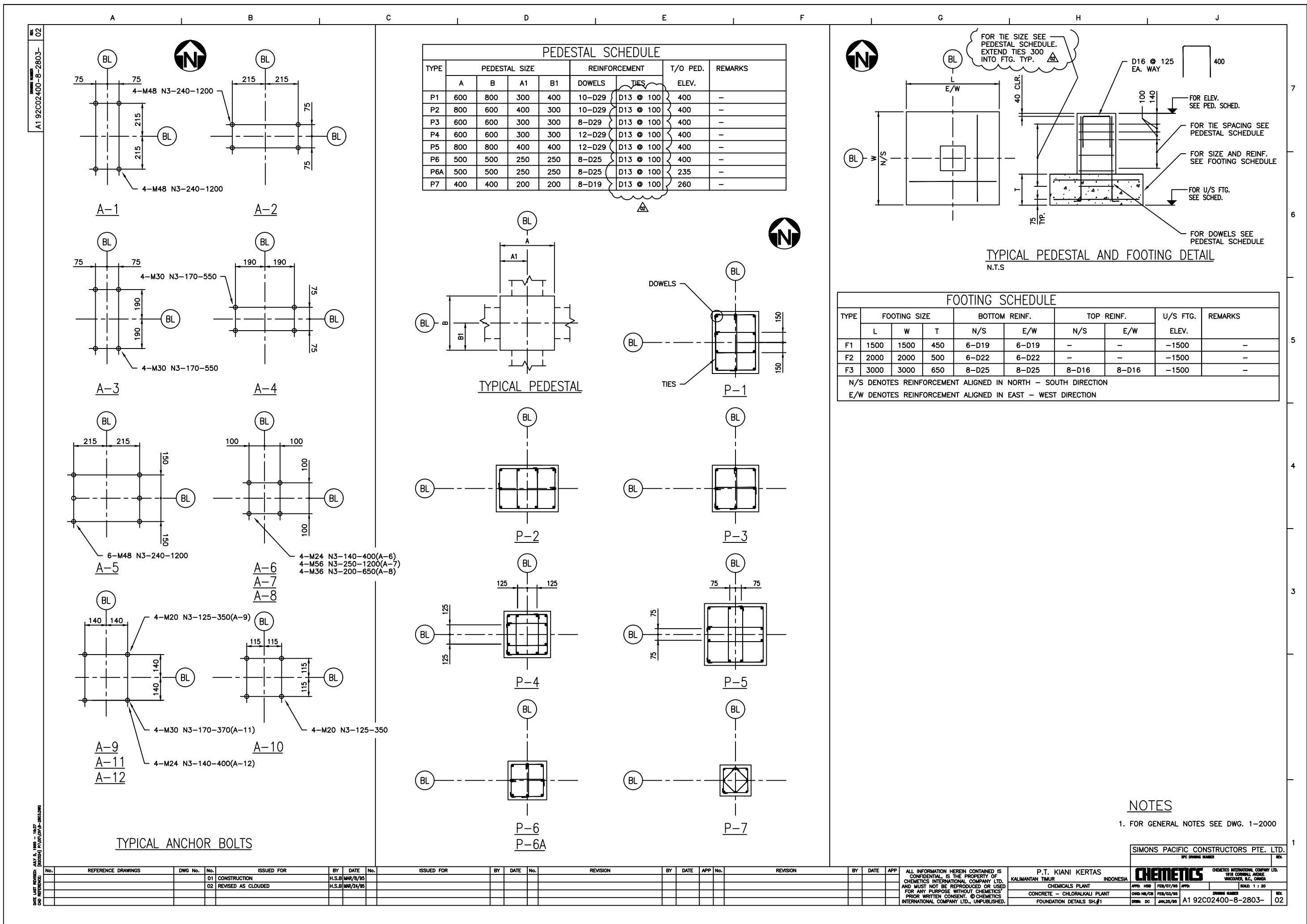
- a. M24 N1-200 DESIGNATES 24 mm DIAMETER BOLT TYPE N CLASS 1 WITH 200 mm PROJECTION.
  - b. M20 S2-120 DESIGNATES 20mm DIAMETER BOLT TYPE S CLASS 2 WITH 120 mm PROJECTION
  - c. M30 S3-150-600 DESIGNATES 30mm DIAMETER BOLT TYPE S CLASS 3 WITH 150 mm PROJ AND L<sub>e</sub> DIMENSION OF 600 mm.

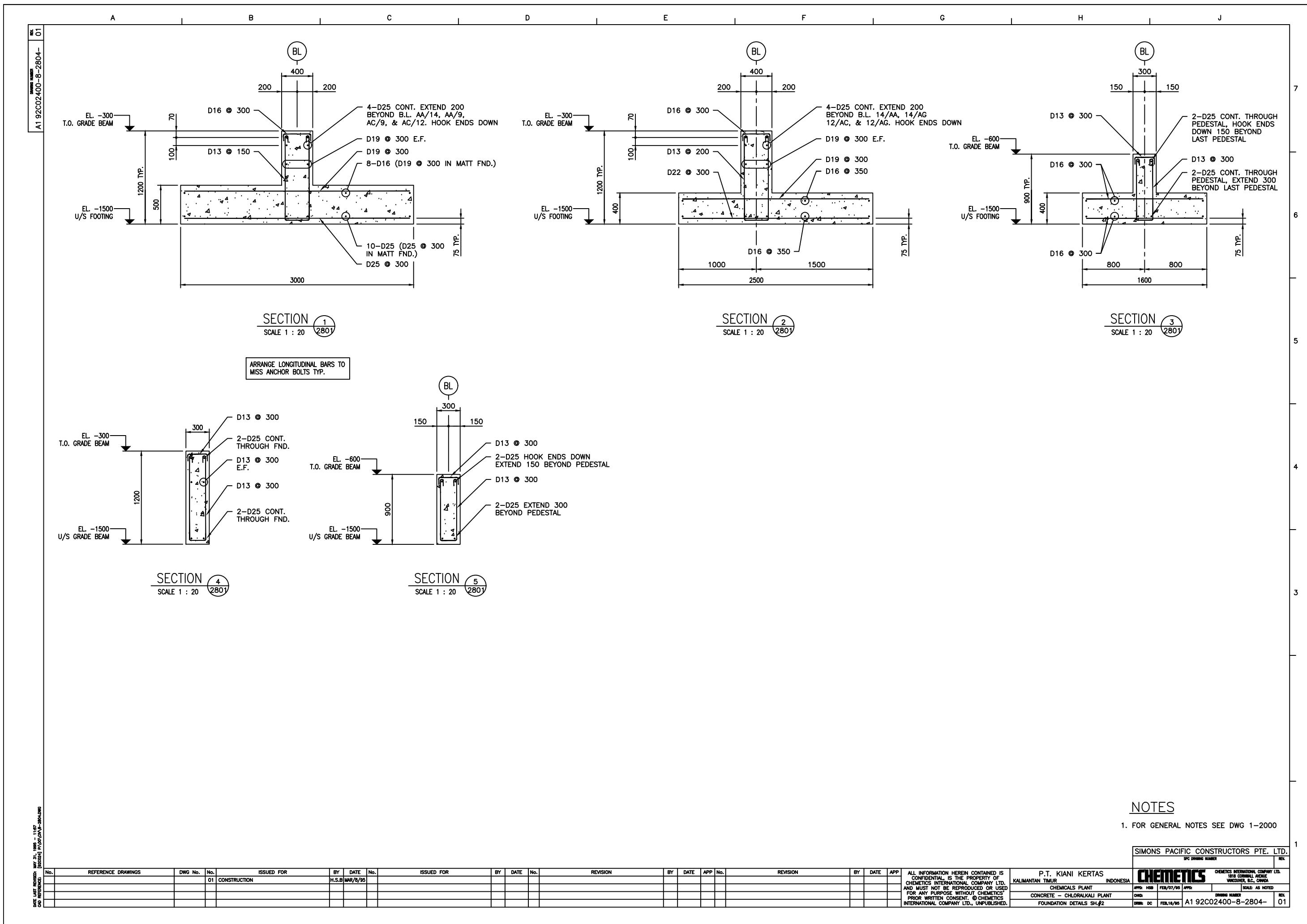
1.3 FOR ANCHOR BOLT DETAILS SPECS. ETC. SEE HAS 1D-20.01 SHEETS 1 TO

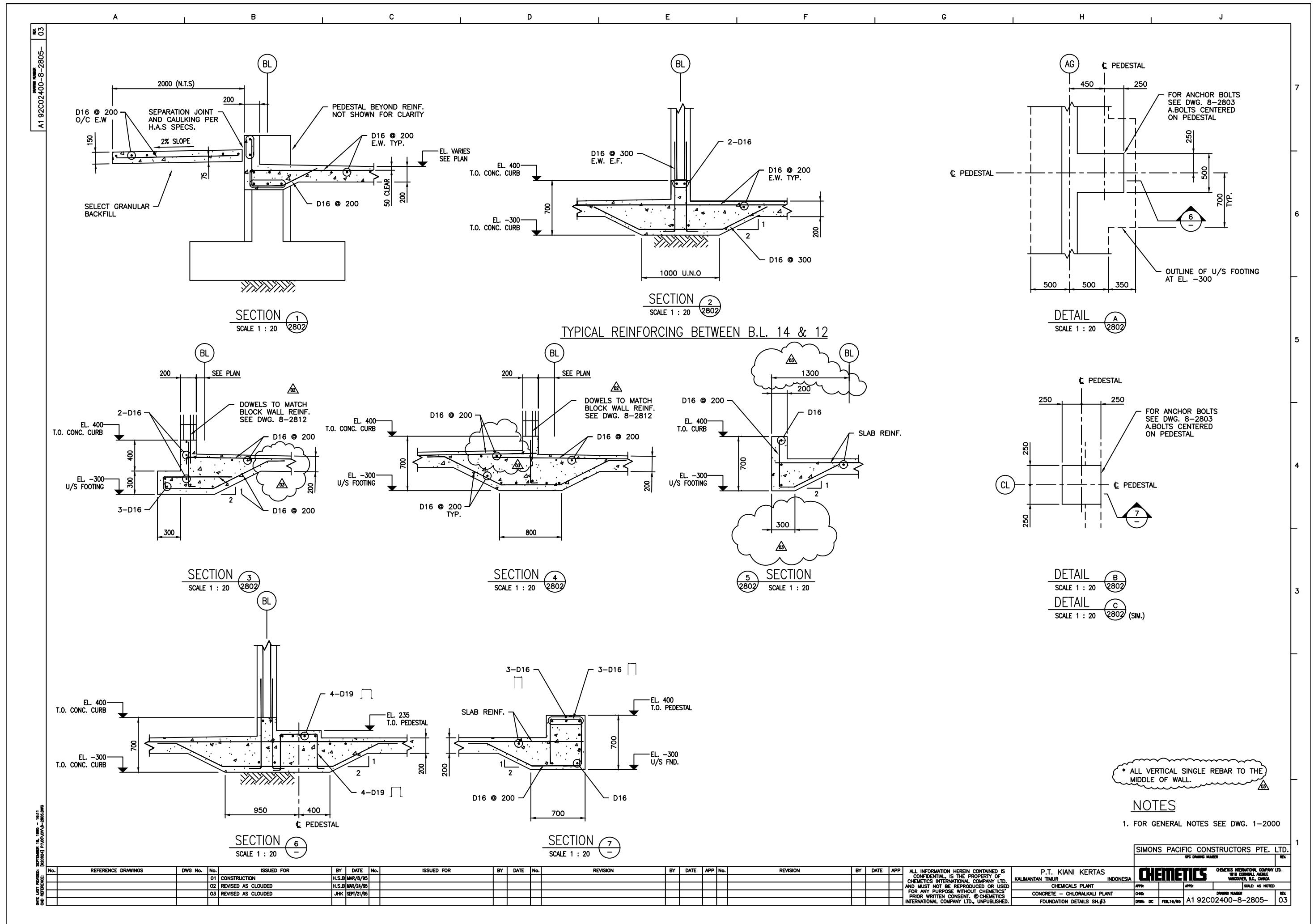
PLEASE FABRICATE ALL BOLTS  
SUPPLIED BY CHEMETICS.

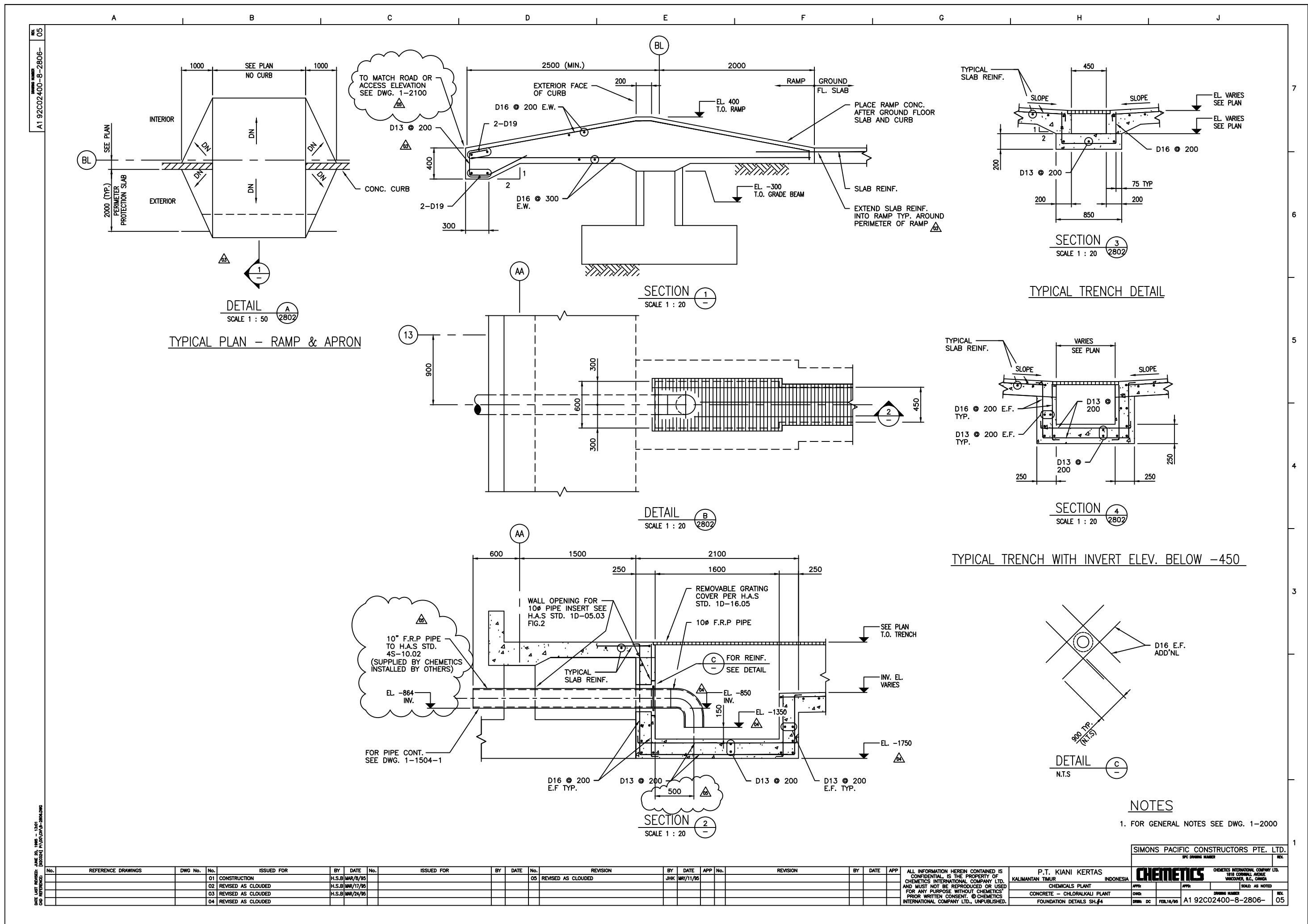


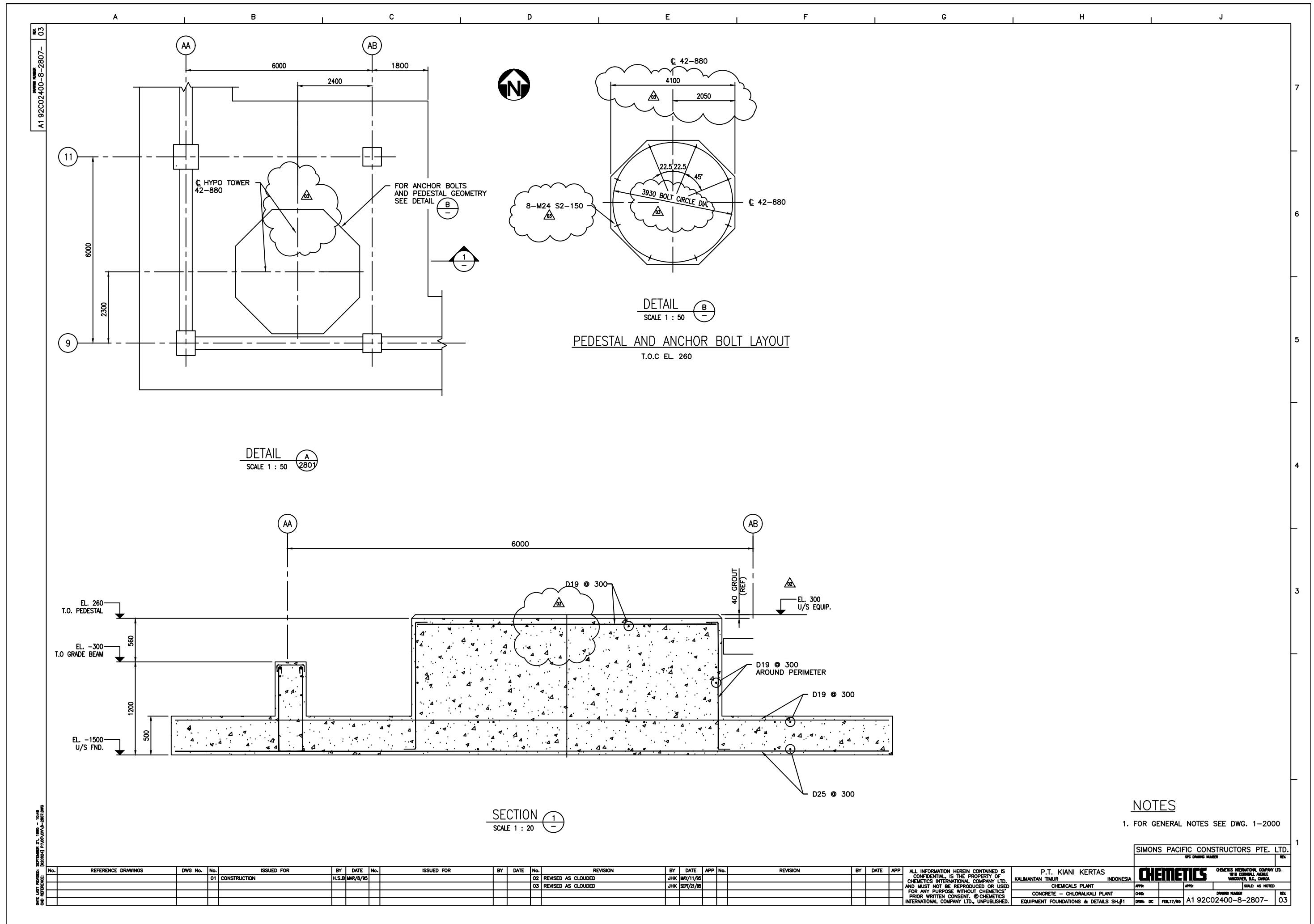


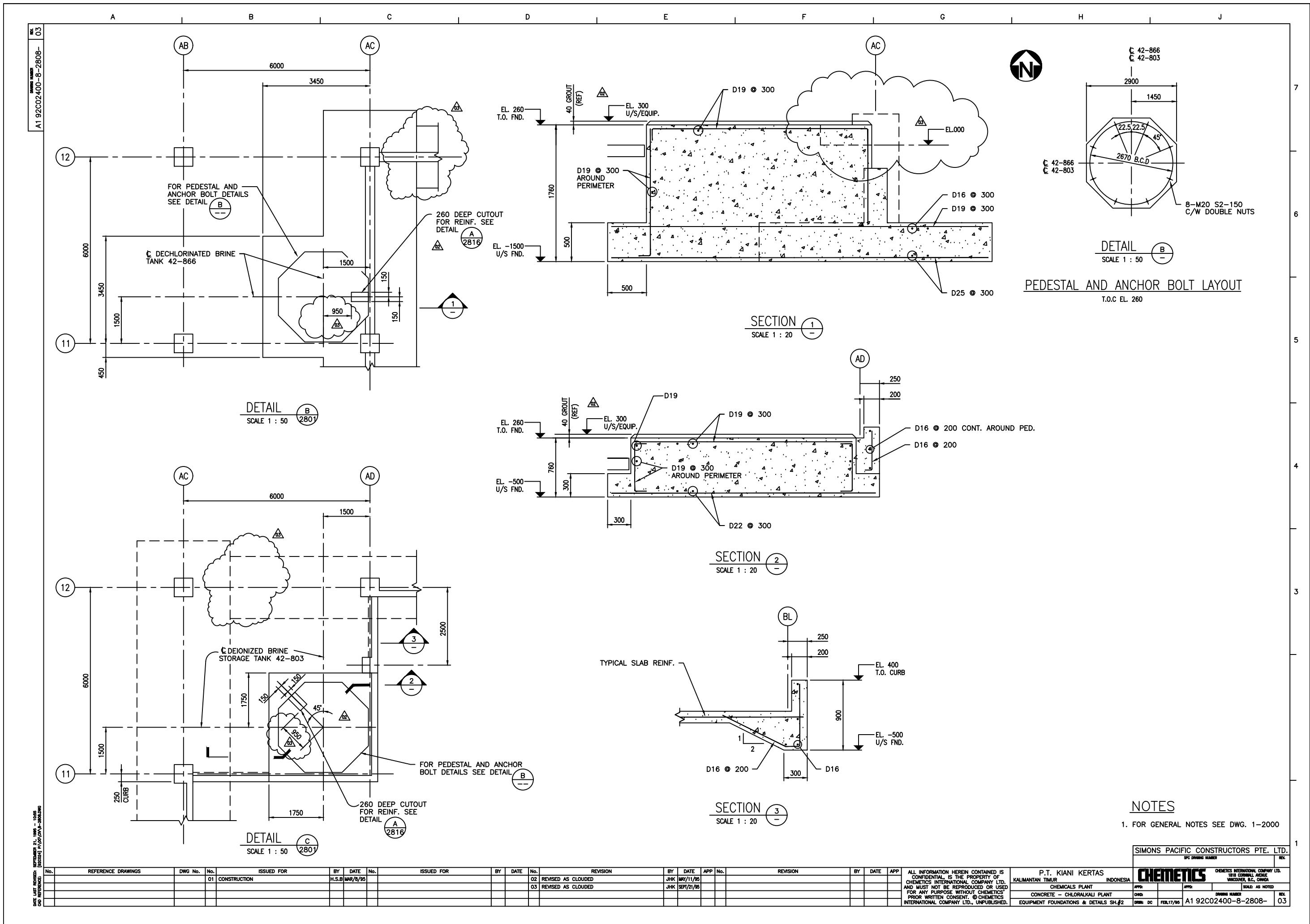


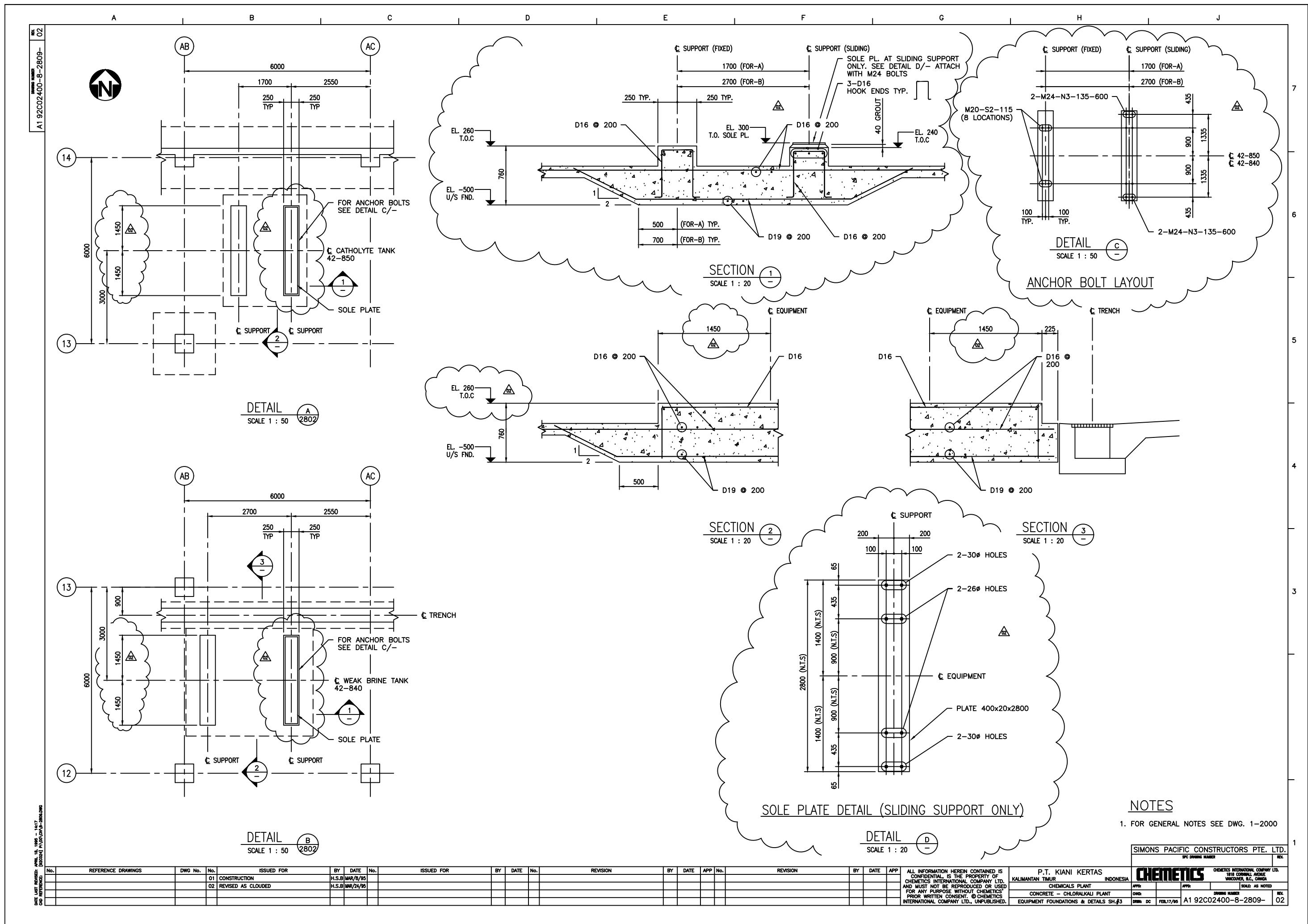


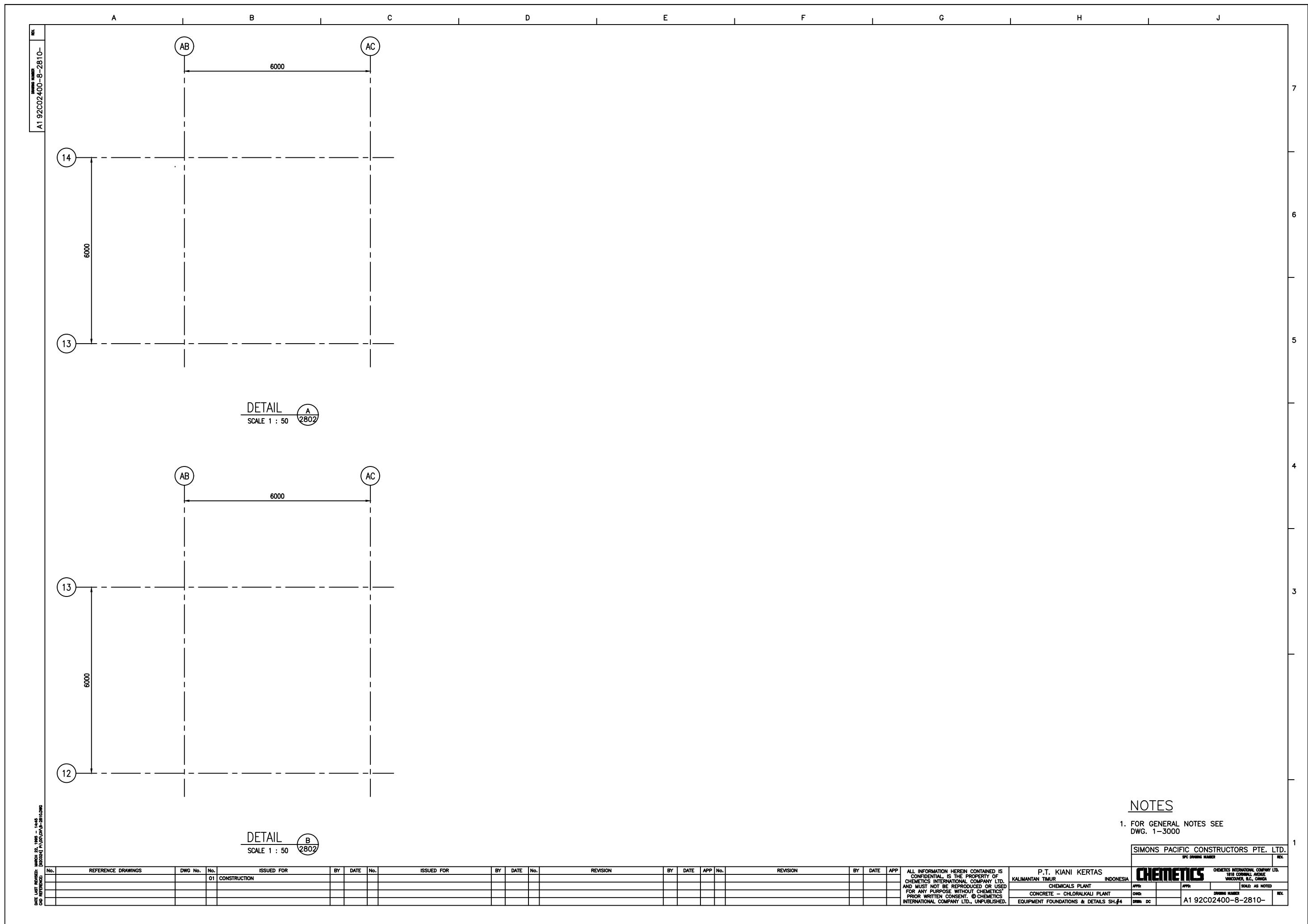


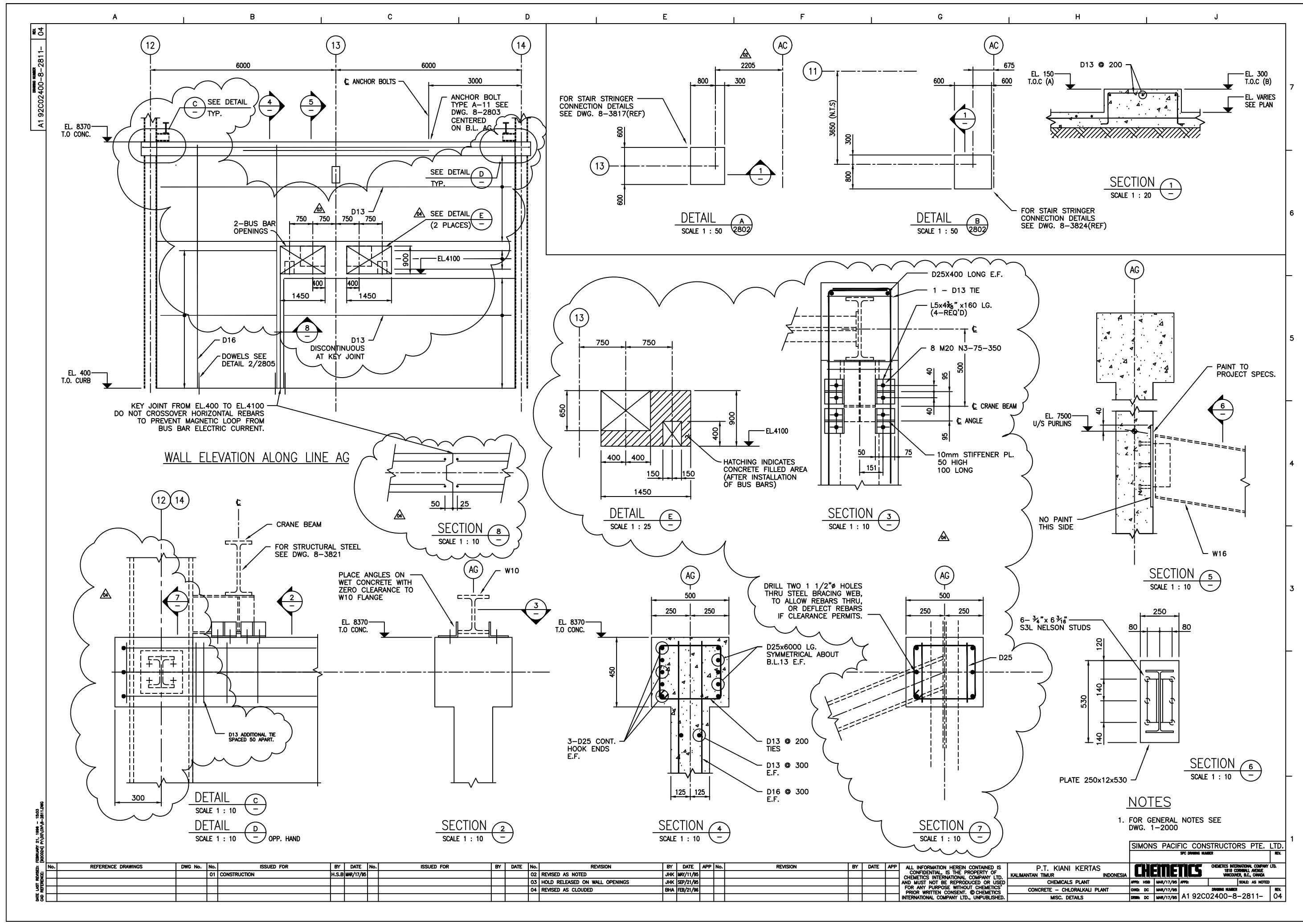


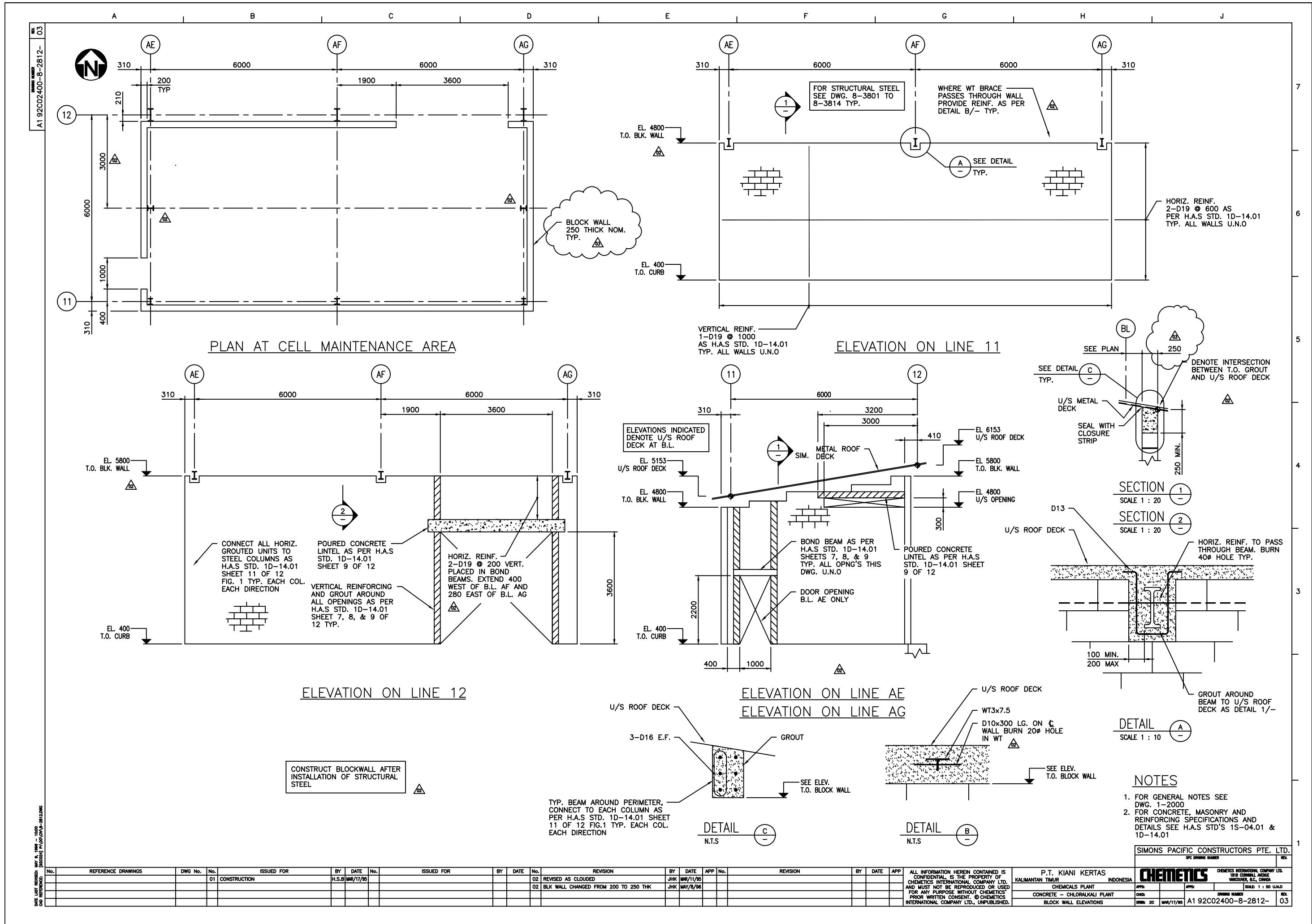


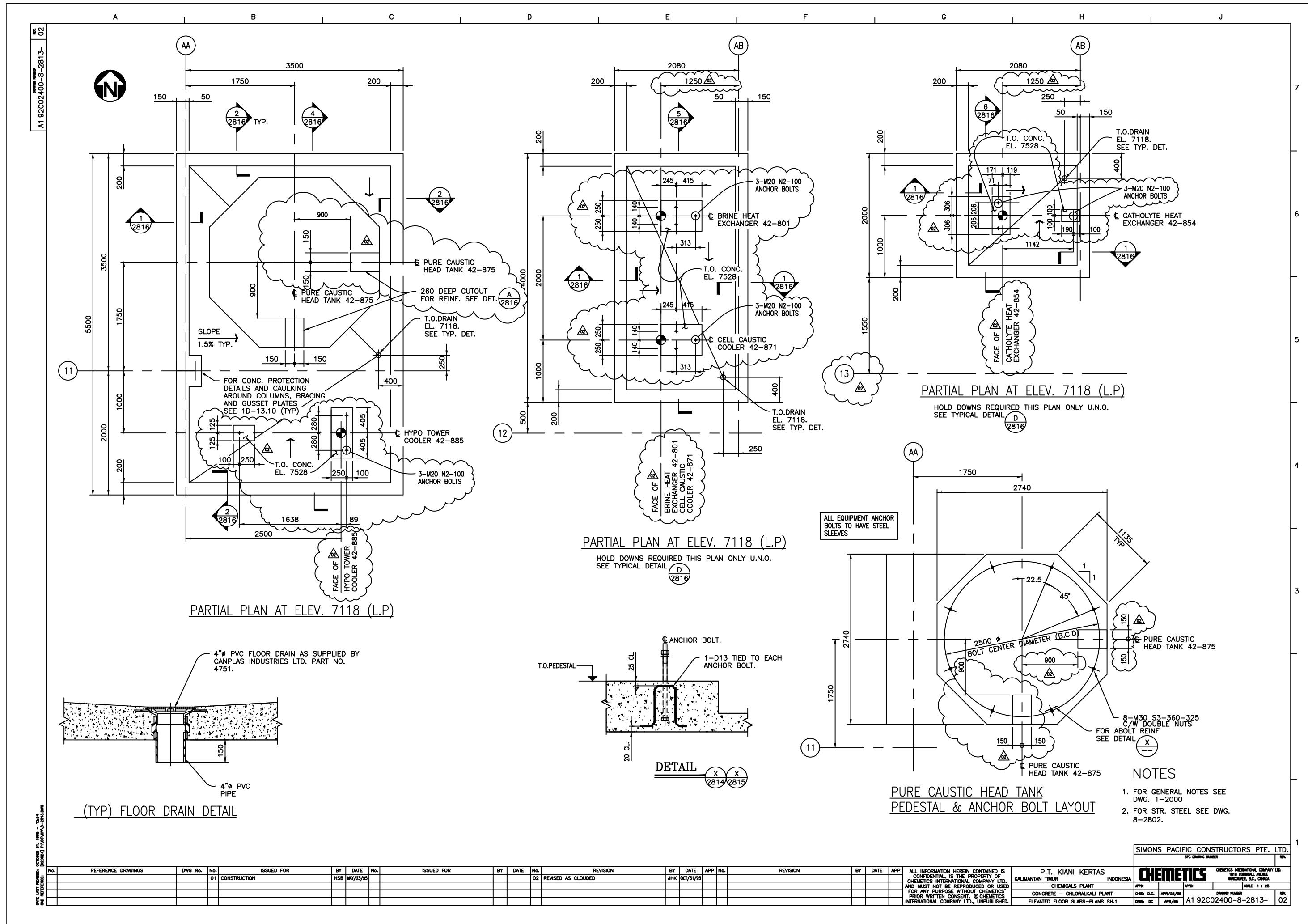


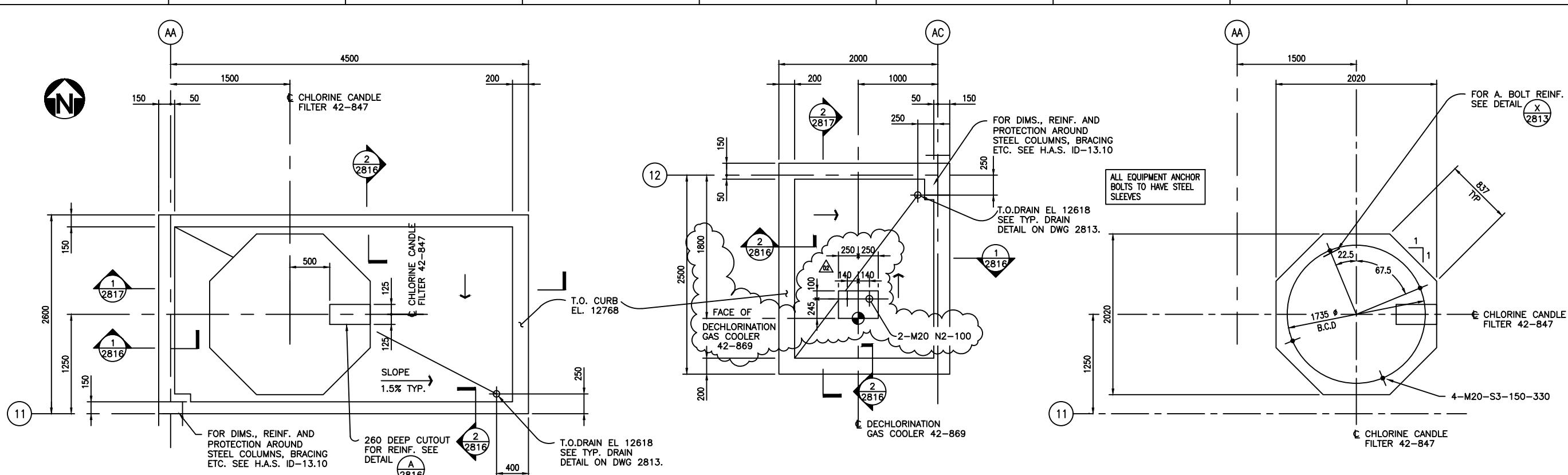












PARTIAL PLAN AT ELEV. 12618 (L.P.)

PARTIAL PLAN AT ELEV. 12618 (L.P.)

CHLORINE CANDLE FILTER  
PEDESTAL & ANCHOR BOLT LAYOUT

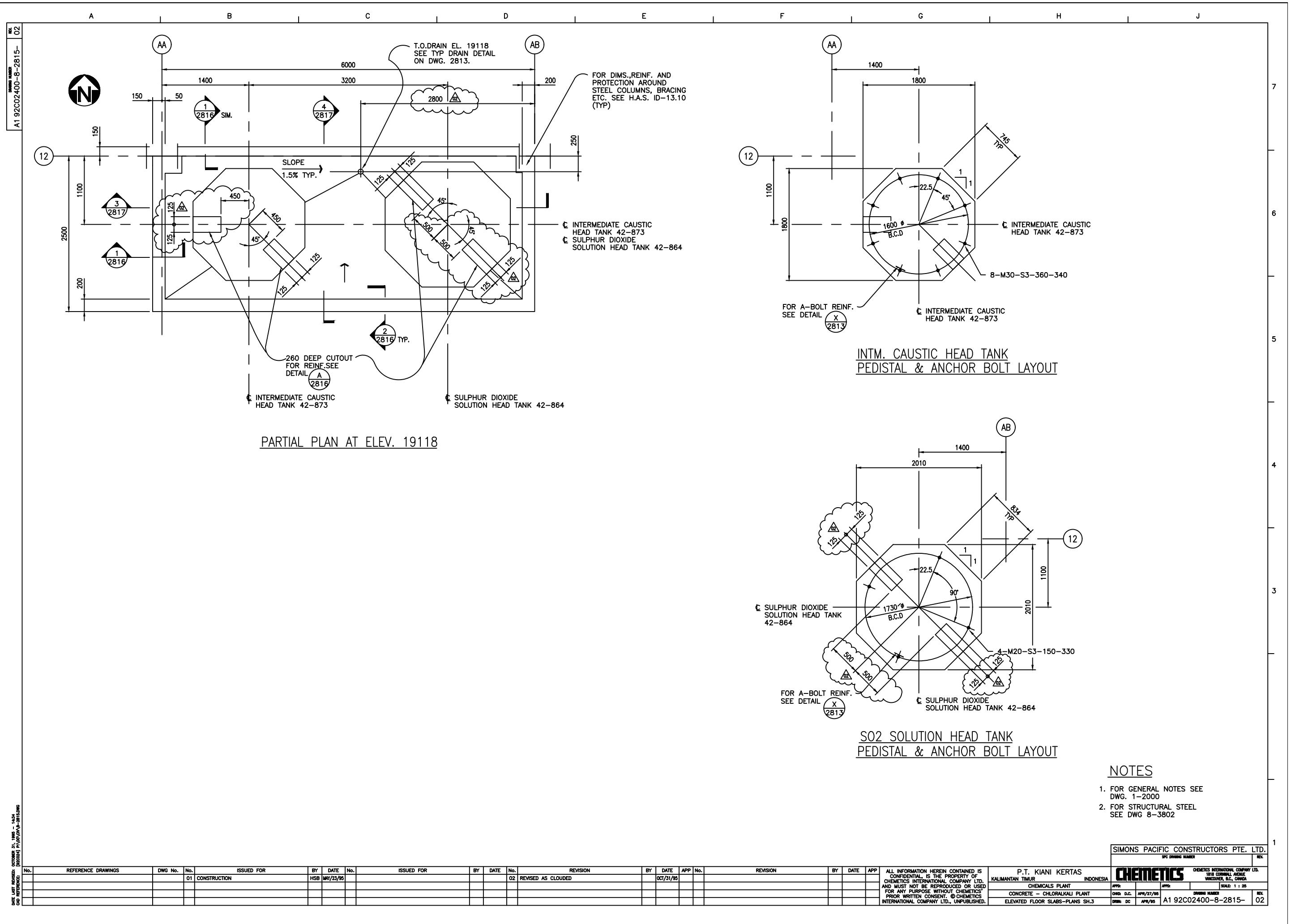
## NOTES

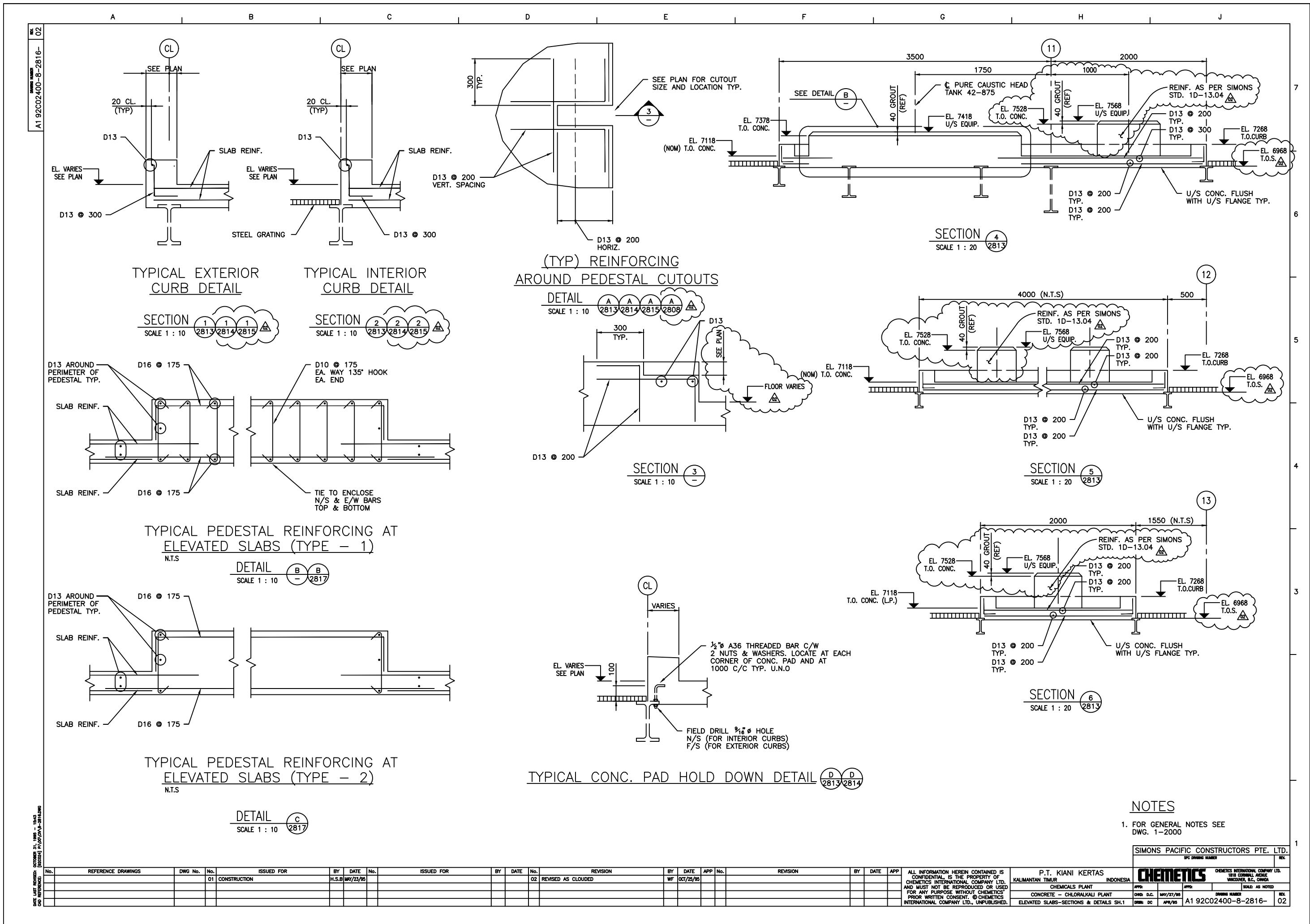
1. FOR GENERAL NOTES SEE DWG. 1-2000
  1. FOR STRUCTURAL STEEL SEE DWG. 8-3802.

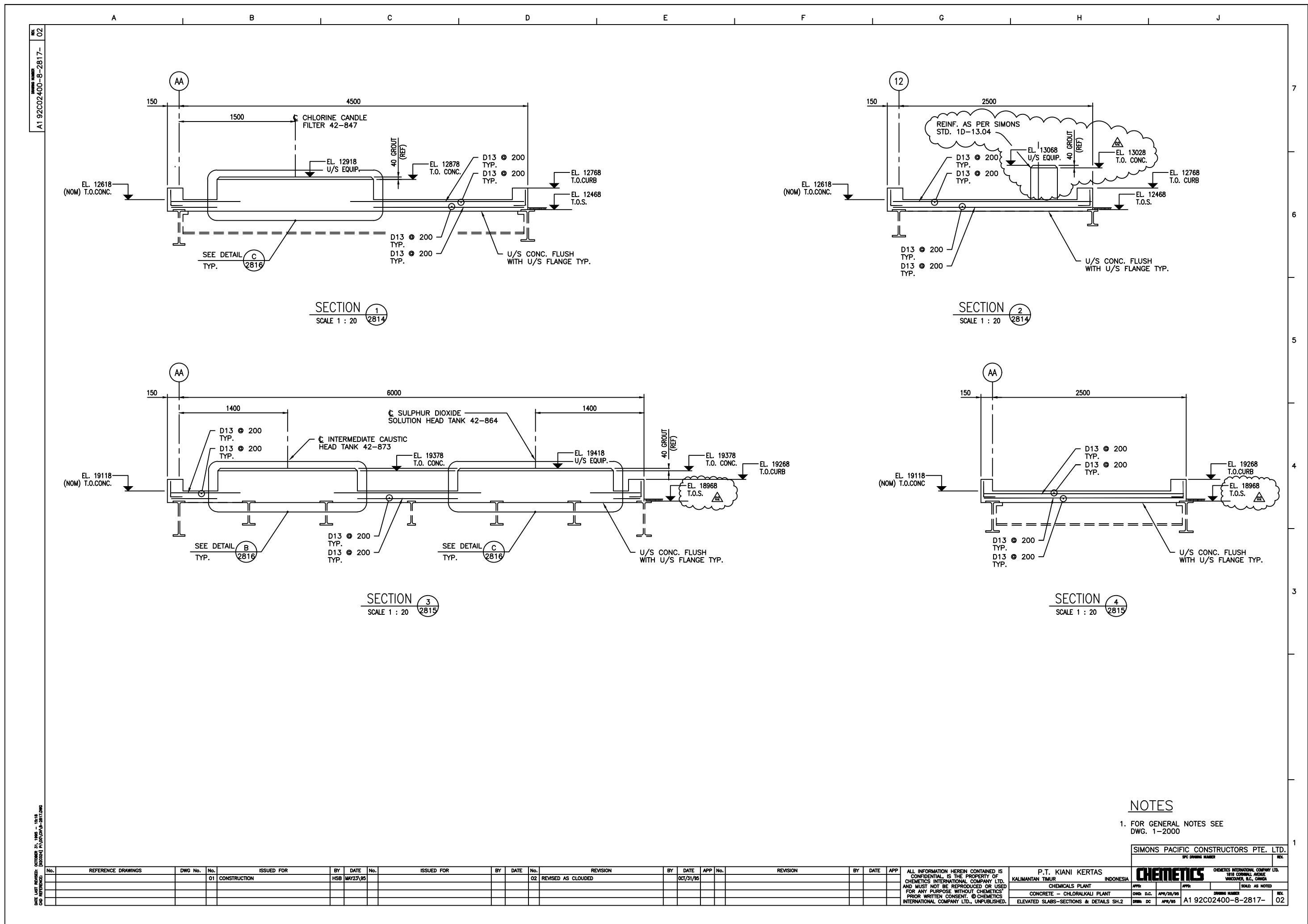
DATE LAST REVISED: NOVEMBER 30, 1995 - 11-03  
CAD REFERENCE: [02C024] P:\00\CH\8-2814.DWG

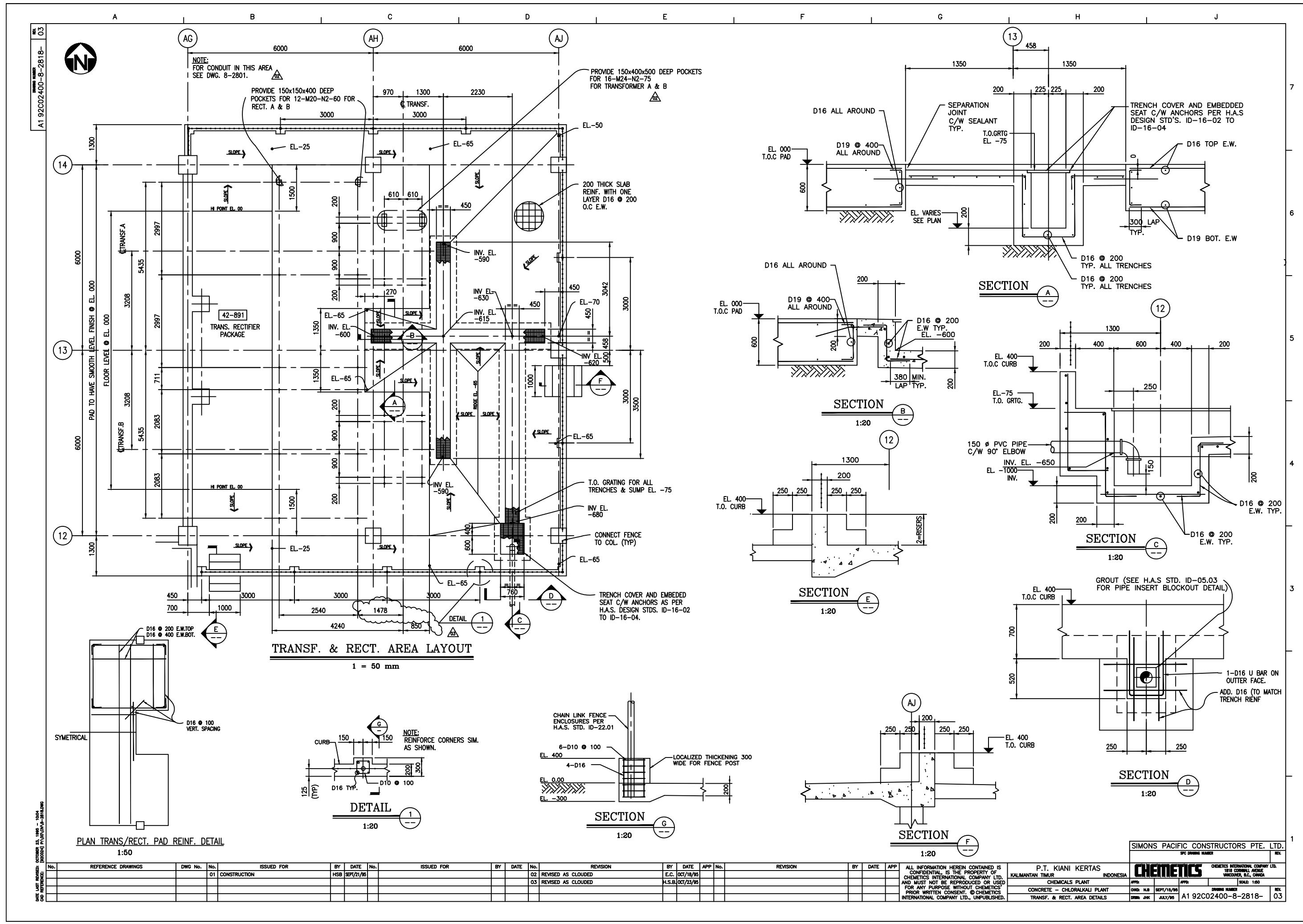
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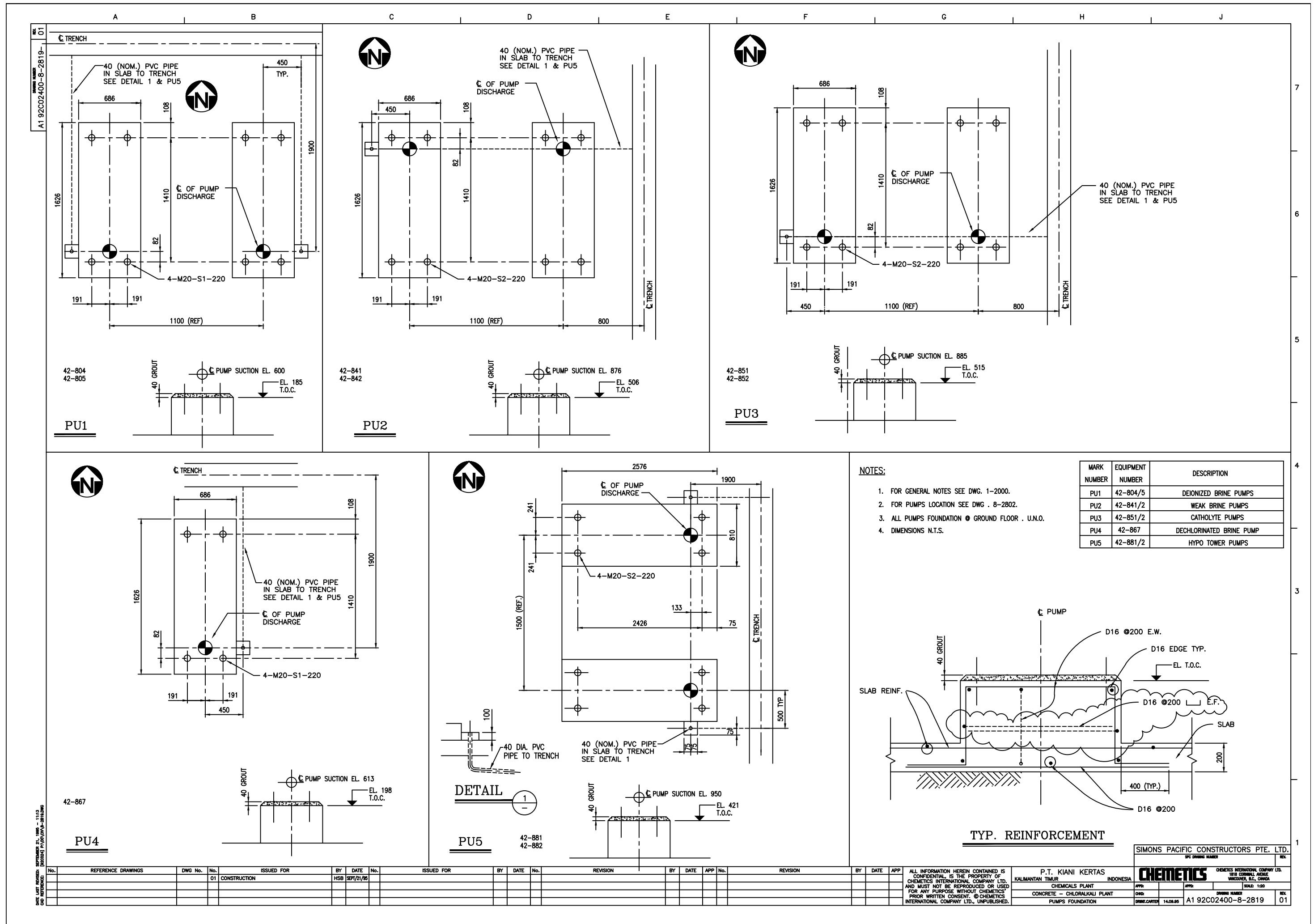
P.T. KIANI KERTAS KALIMANTAN TIMUR		INDONESIA		SIMONS PACIFIC CONSTRUCTORS PTE. LTD.	
				SPC DRIVING NUMBER	
		<b>CHEMTECTICS</b>		CHEMTECTICS INTERNATIONAL COMPANY LTD. 1810 GLENBROOK DRIVE VANCOUVER, B.C., CANADA	
CHEMICALS PLANT		APPC:	APPC:	SCALE: 1 : 25	
CONCRETE - CHLORALKALI PLANT		CHWR D.C.	APPR/27/95	DRIVING NUMBER	
ELEVATED FLOOR SLABS-PLANS SH.2		DRIRE DC	APR/95	A1 92C02400-8-2814-	











COLUMN, PIPE RACKS, ETC. ANCHOR BOLT SCHEDULE					
COL BAYLINE LOCATION OR PAD DISCRIPTION	ANCHOR BOLT I.D. MARK (NOTE 1)	SETS REQUIRED	PLACEMENT DRAWING	ANCHOR BOLT SUPPLIED BY	NOTES
LIQUID CHLORINE AREA					
11-U1	6-M32-N2-190	1	9-2901 & 03	CHEMETICS	C/W DOUBLE NUTS
11-V1	6-M32-N2-190	1	9-2901 & 03	CHEMETICS	C/W DOUBLE NUTS
11-W4	6-M32-N2-190	1	9-2901 & 03	CHEMETICS	C/W DOUBLE NUTS
12A-U1	4-M32-N2-190	1	9-2901 & 03	CHEMETICS	C/W DOUBLE NUTS
12A-V1	6-M32-N2-190	1	9-2901 & 03	CHEMETICS	C/W DOUBLE NUTS
12A-W4	6-M32-N2-190	1	9-2901 & 03	CHEMETICS	C/W DOUBLE NUTS
BTW 11&12A-U1	4-M32-N2-190	1	9-2901 & 03	CHEMETICS	C/W DOUBLE NUTS
BTW 11&12A-V1	4-M32-N2-190	1	9-2901 & 03	CHEMETICS	C/W DOUBLE NUTS
SPARES	2-M32-N2-190			CHEMETICS	C/W DOUBLE NUTS
CHLORINE FILLING STR.					

## AREA 9 EMBEDDED METALS

LIQUID CHLORINE AREA REF. DWG. 9-2902 & 06

### TRENCH ANGLES C/W ANCHOR BARS

36 LINEAL METERS - AS PER HAS ID-16.03 SH. 1 OF 2, FIG. 2.  
(FOR GRATING SUPPLIED BY OTHERS AS PER HAS ID-16.02.)

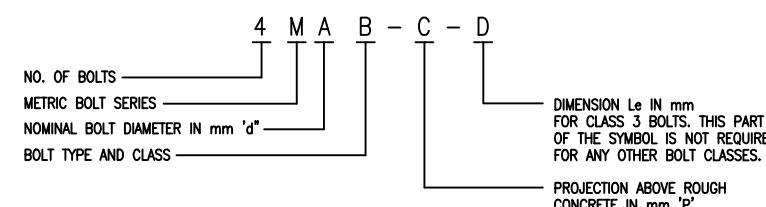
### SUMP ANGLES C/W ANCHOR BARS

6 LINEAL METERS - AS PER H.A.S. ID-16.03 SH. 2 OF 2  
L65X65X5 LONG LEG VERT. (FOR GRATING BY OTHERS AS PER  
H.A.S. STD. ID-16.05)

## NOTES:

## 1. DESIGNATION OF ANCHOR BOLT ASSEMBLY

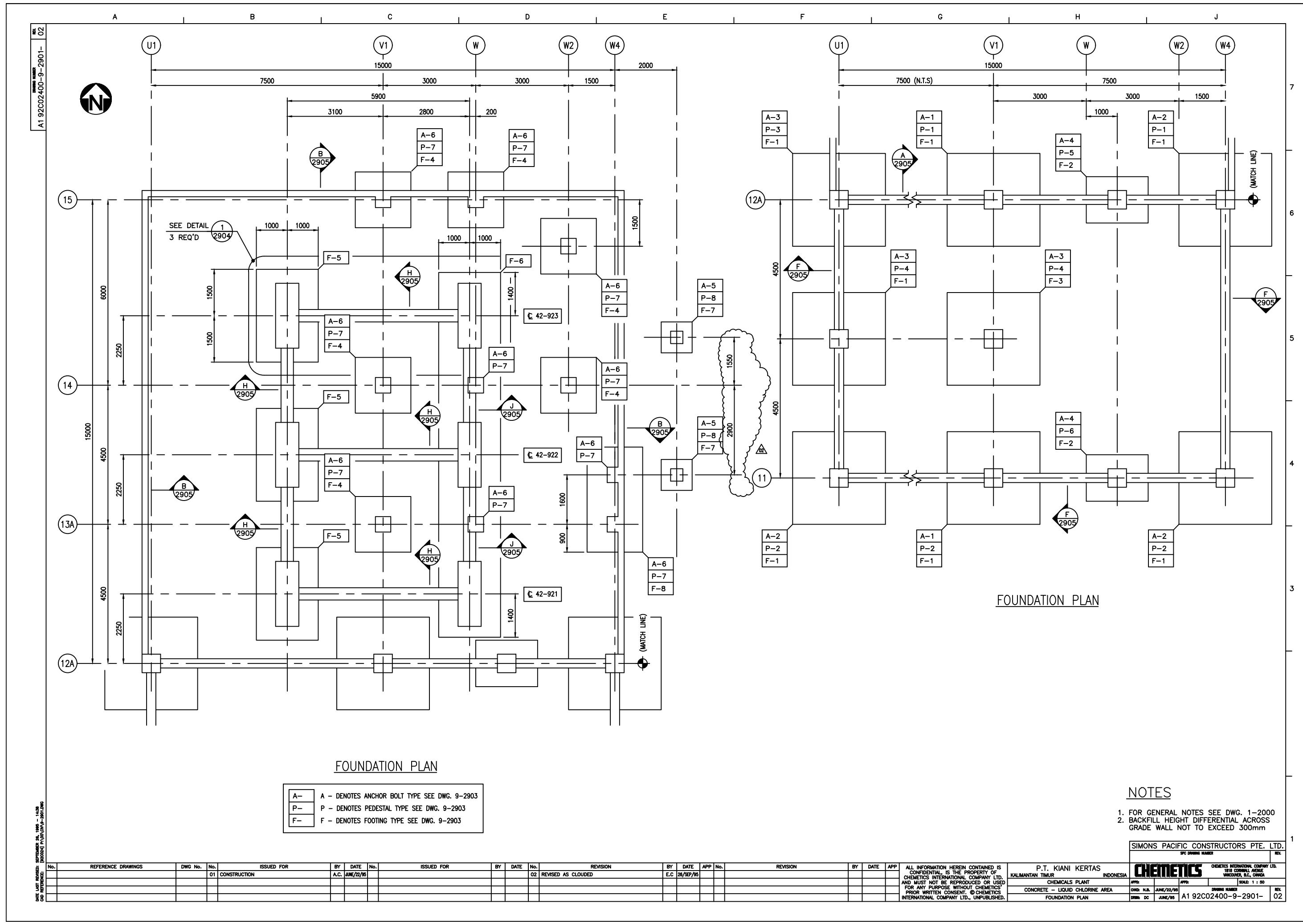
1.1 ANCHOR BOLT ASSEMBLIES SHALL BE CALLED UP ON THE CONSTRUCTION DRAWINGS USING THE FOLLOWING SYSTEM OF DESIGNATION WHICH CONSISTS OF A FOUR PART SYMBOL "A B C D".

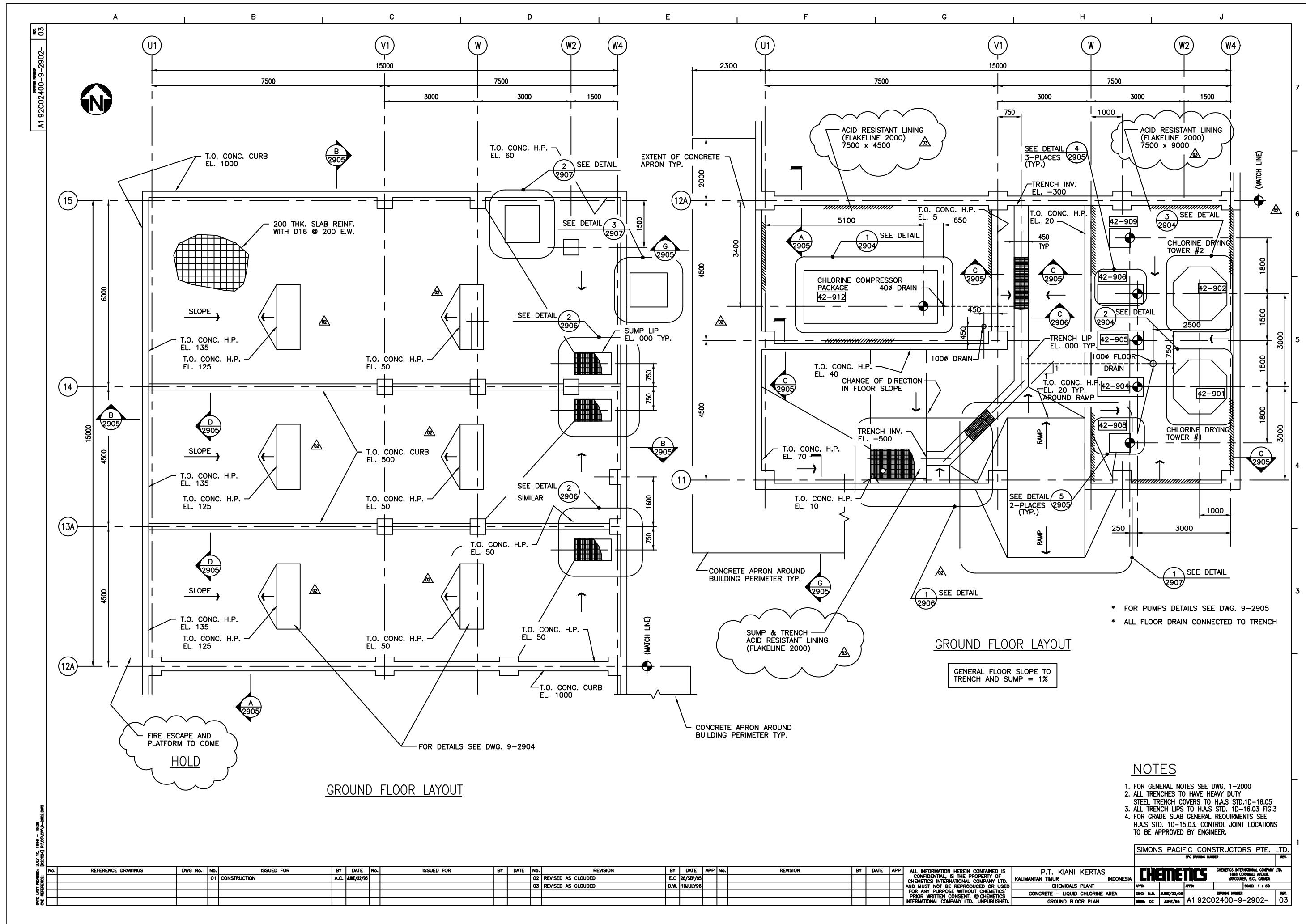


## 1.2 EXAMPLES OF ANCHOR BOLT ASSEMBLY DESIGNATION

- a. M24 N1-200 DESIGNATES 24 mm DIAMETER BOLT TYPE N CLASS 1 WITH 200 mm PROJECTION.
  - b. M20 S2-120 DESIGNATES 20mm DIAMETER BOLT TYPE S CLASS 2 WITH 120 mm PROJECTION
  - c. M30 S3-150-600 DESIGNATES 30mm DIAMETER BOLT TYPE S CLASS 3 WITH 150 mm PROJ AND L<sub>e</sub> DIMENSION OF 600 mm

1.3 FOR ANCHOR BOLT DETAILS SPECS. ETC. SEE HAS 1D-20.01 SHEETS 1 TO 5.

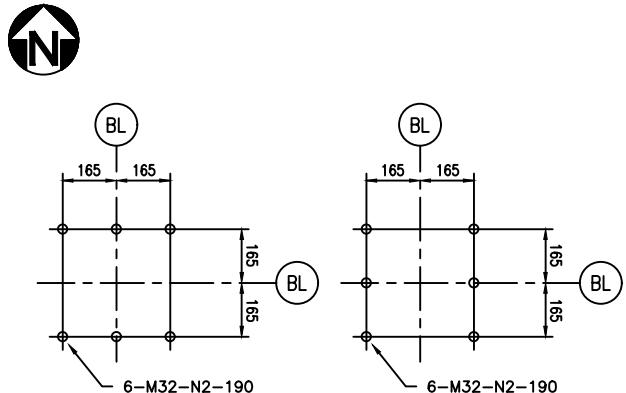




PEDESTAL SCHEDULE								
TYPE	PEDESTAL SIZE				REINFORCEMENT		T/O PED.	REMARKS
	A	B	A1	B1	DOWELS	TIES		
P1	600	600	300	300	8-D32	D13 @ 100	1000	WELD 1st 2 TIE SETS AT TOP TYP.
P2	600	600	300	300	8-D32	D13 @ 100	400	
P3	600	600	300	300	8-D29	D13 @ 100	1000	
P4	600	600	300	300	8-D29	D13 @ 100	400	
P5	600	600	300	300	8-D25	D13 @ 100	1000	
P6	600	600	300	300	8-D25	D13 @ 100	400	
P7	500	500	250	250	8-D25	D10 @ 100	1000	
P8	400	400	200	200	4-D25	D10 @ 100	800	

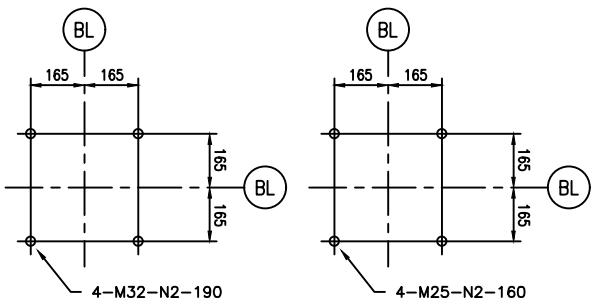
## PEDESTAL SCHEDULE

A1 92C02400-9-2903-01



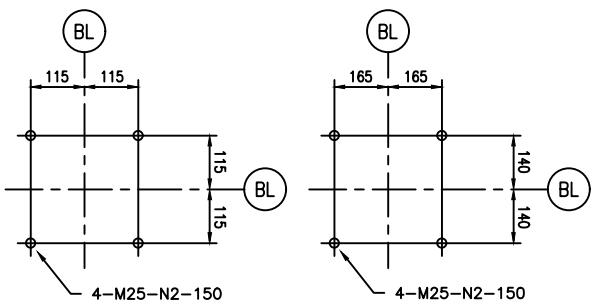
A-1

A-2



A-3

A-4

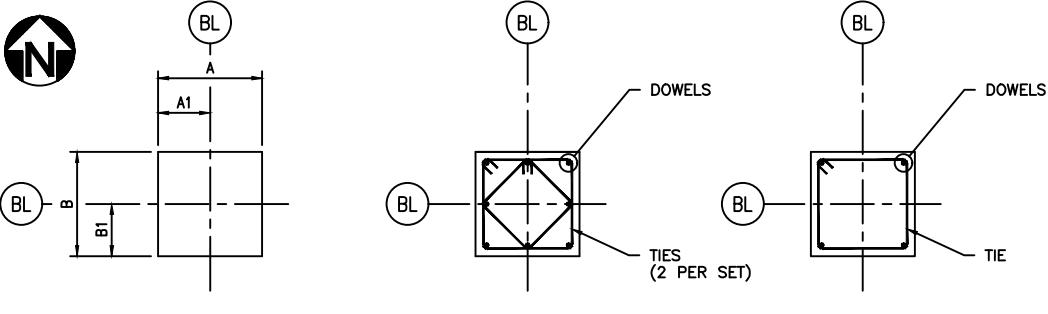


A-5

A-6

## ANCHOR BOLT SCHEDULE

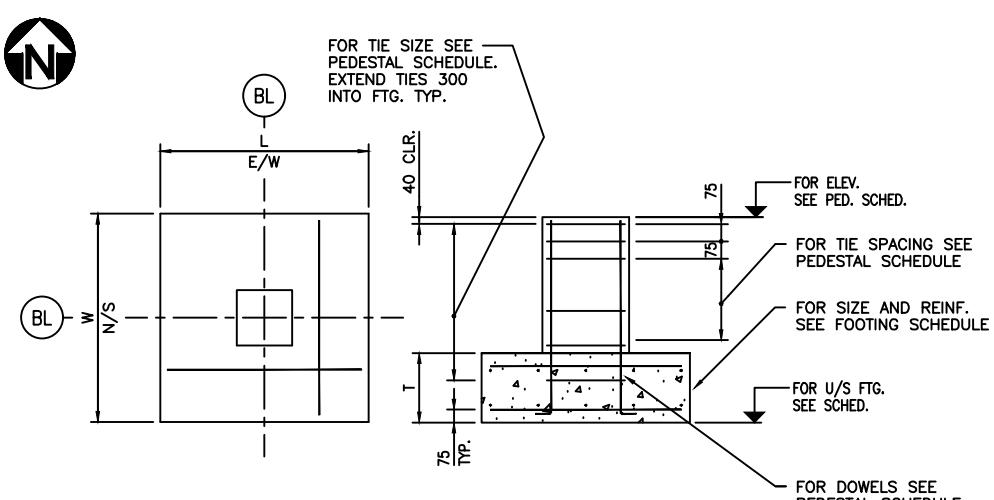
N.T.S



## TYPICAL PEDESTAL

## PEDESTAL REINFORCING

P-8



TYPICAL PEDESTAL AND FOOTING DETAIL  
N.T.S

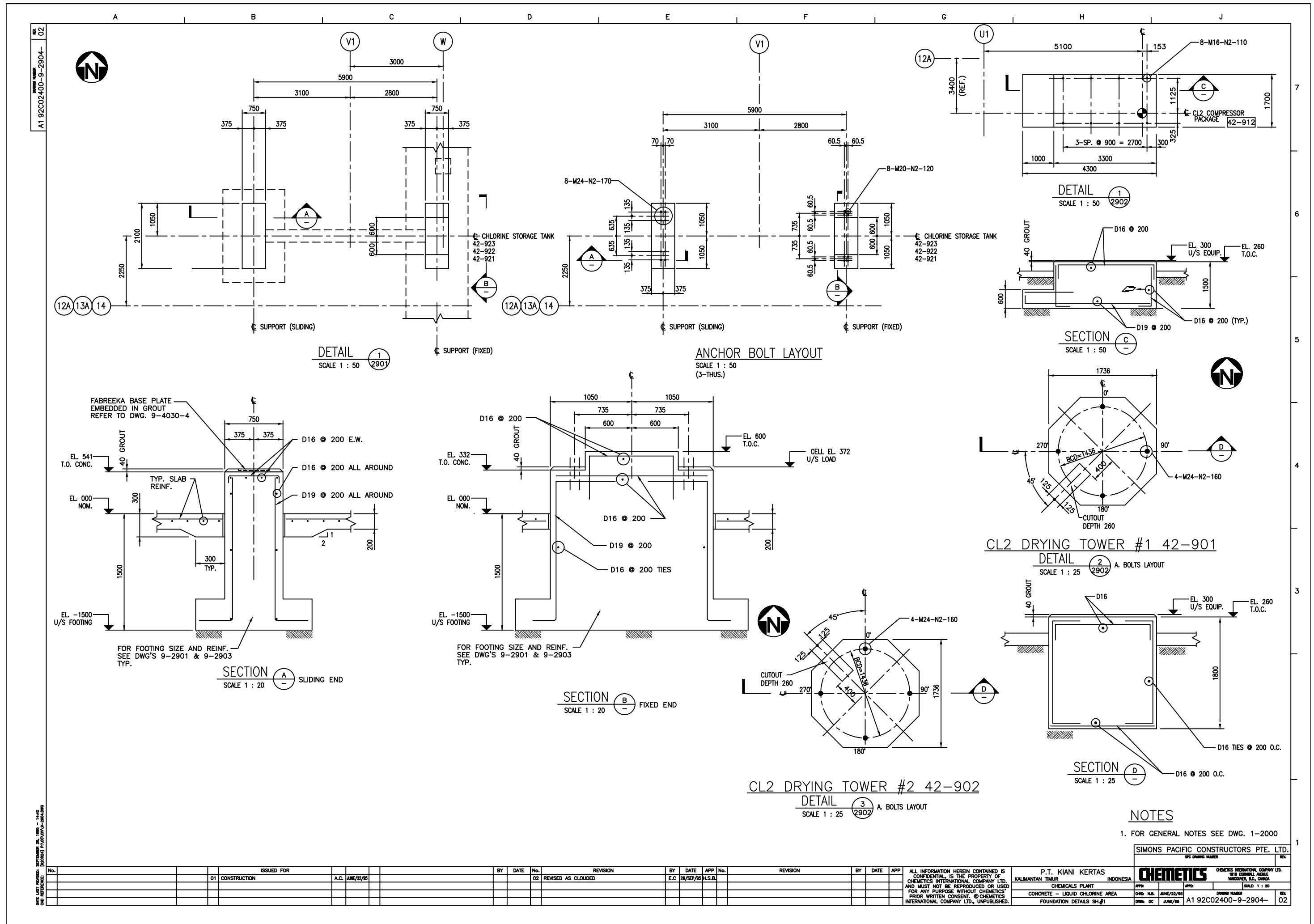
FOOTING SCHEDULE

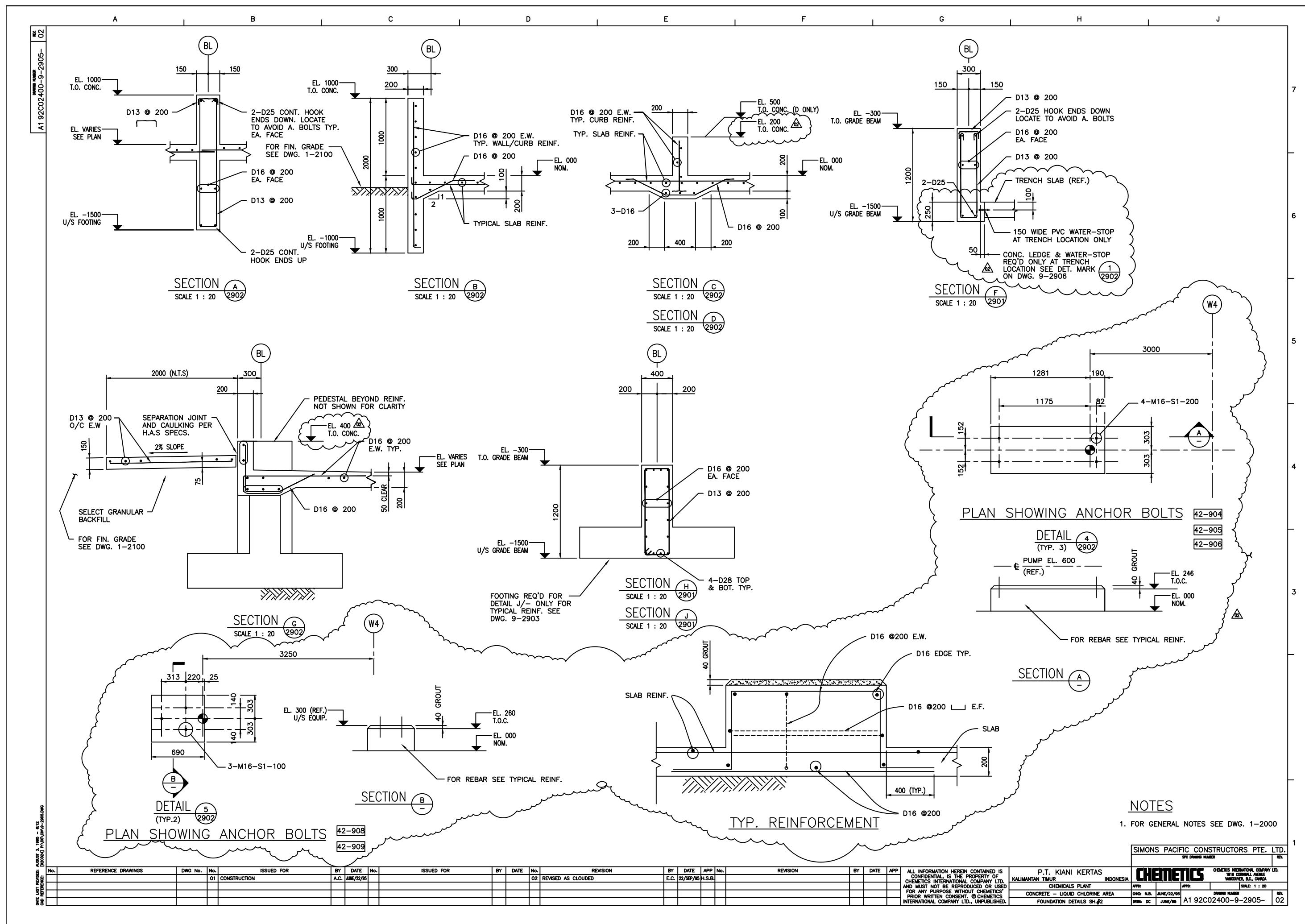
TYPE	FOOTING SIZE			BOTTOM REINF.		TOP REINF.		U/S FTG.	REMARKS
	L	W	T	N/S	E/W	N/S	E/W		
F1	3000	3000	500	10-D29	10-D29	10-D25	10-D25	-1500	
F2	2000	1500	500	10-D22	8-D22	-	-	-1500	
F3	3000	3000	600	10-D29	10-D29	-	-	-1500	
F4	1800	1800	400	10-D22	10-D22	8-D19	8-D19	-1500	
F5	2000	3000	400	D22@200	D22@200	D16@200	D16@200	-1500	
F6	2000	11800	400	D22@200	D22@200	D16@200	D16@200	-1500	
F7	1000	1000	400	4-D16	4-D16	-	-	-1500	
F8	1500	3400	400	8-D19	18-D19	-	-	-1500	

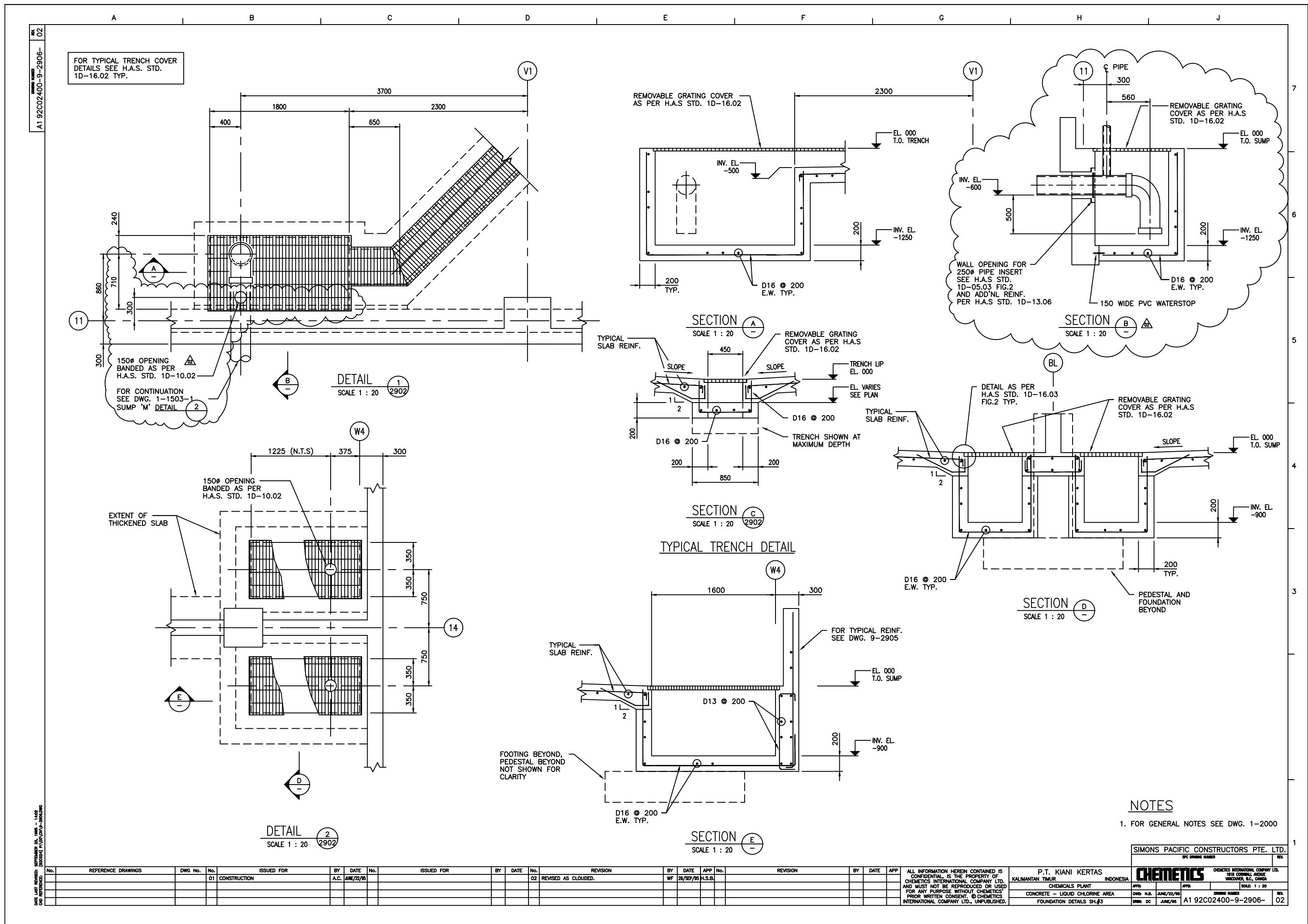
## NOTES

1. FOR GENERAL NOTES SEE DWG. 1-2000

SIMONS PACIFIC CONSTRUCTORS PTE. LTD.		SFC DRAWING NUMBER		REV.
<b>CHEMTECTS</b>		CHEMTECTS INTERNATIONAL COMPANY LTD. 100-1100 DOWMILL ROAD VANCOUVER, B.C., CANADA		
PCN:	APP:	SCALE: 1 : 20		
N.D.	JUNE/22/90	DRAWING NUMBER		REV.
MATERIAL	D	A1 92C02400-9-2903-		01



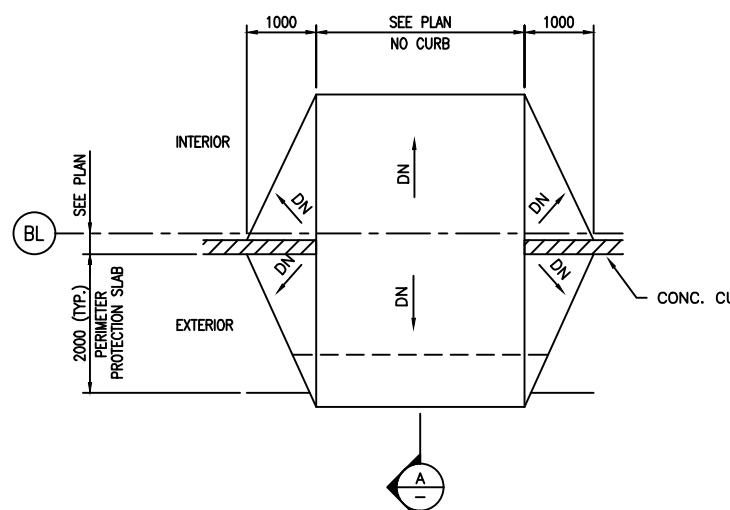




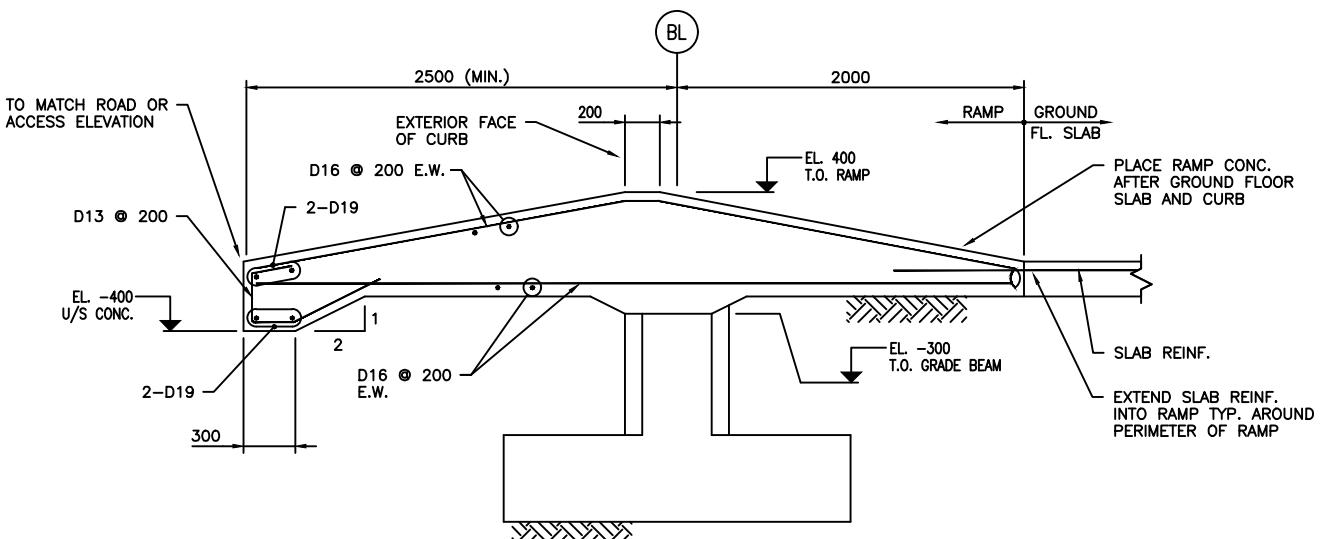
**DRAWING NUMBER** A1 92C02400-9-2907-  
**REV.** 02

A1 92C02400-9-2907-  
DRAWING NUMBER

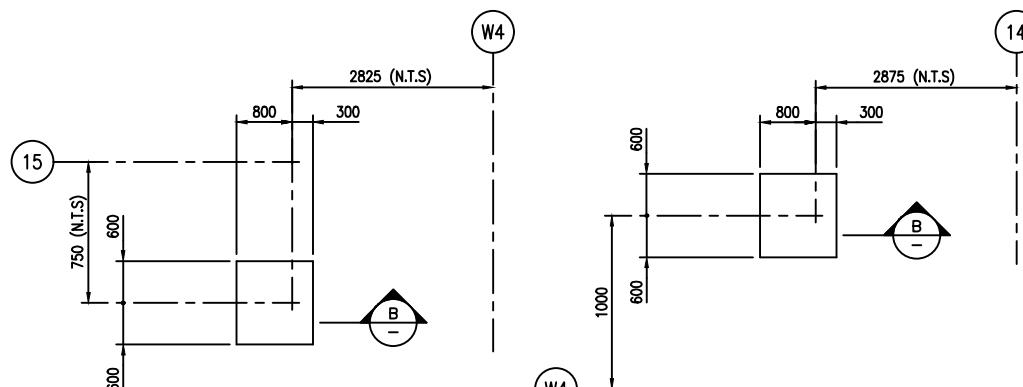
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CAB REFERENCE: [92C024] P:\00\CM\9-2997.DWG



DETAIL 1  
SCALE 1 : 50 2902

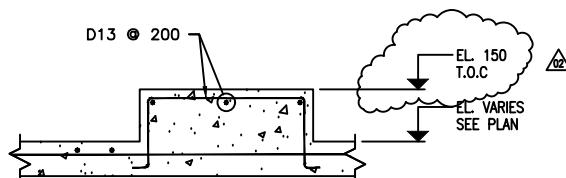


SECTION A -



**DETAIL** 2  
2902

DETAIL 3  
SCALE 1 : 50 2902



SECTION B —  
SCALE 1 : 20

## NOTES

1. FOR GENERAL NOTES SEE DWG. 1-2000

SIMONS PACIFIC CONSTRUCTORS PTE. LTD.		
SPC DRAWING NUMBER		REV.
<b>CHEMTECTS</b>		CHEMTECTS INTERNATIONAL COMPANY LTD. 1875 BURRARD ST. VANCOUVER, B.C., CANADA
PCN:	APP'D:	SCALE: 1 : 20
N.D.	JUNE/22/05	DRAWING NUMBER
REV. DC	JUNE/22/05	A1 92C02400-9-2907-
		02

