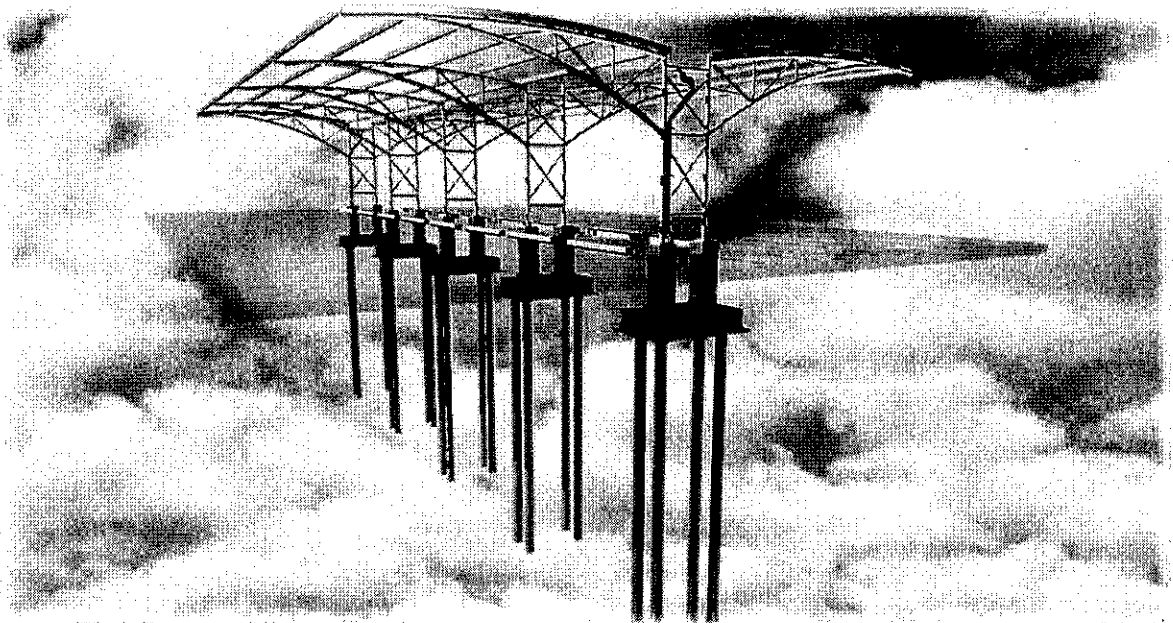
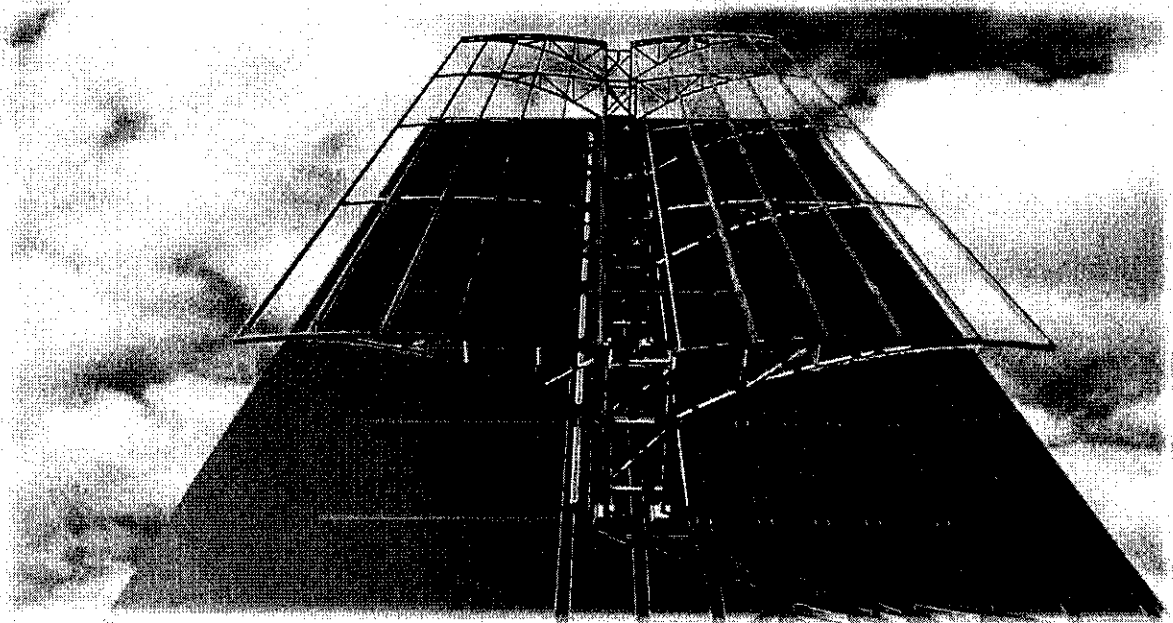


รูปโครงสร้างหลังคาโรงจอดรถ





PROJECT ARCHITECT :

PROJECT TEAM :

STRUCTURE ENGINEER :

ภัสกร อินทร์ ภูมิจิต
257/1 บ.5 พ. 37/พ.ก.ร
กรุงเทพมหานคร 10110

ELECTRICAL ENGINEER :

SANITARY ENGINEER :

MECHANICAL ENGINEER :

LANDSCAPE ARCHITECT :

INTERIOR DESIGNER :

E	
D	
C	
B	
A	

REVISION :

PROJECT :

โครงการรถไฟฟ้าชานชาลา
จำนวน 16 คัน

LOCATION :

อาคารเชื่อมรถไฟฟ้าคลองห้า

SHOWING :

แปลนพื้น แปลนเสาเข็ม
แปลนคานาหลังก่อ

SCALE :

DRAWN :

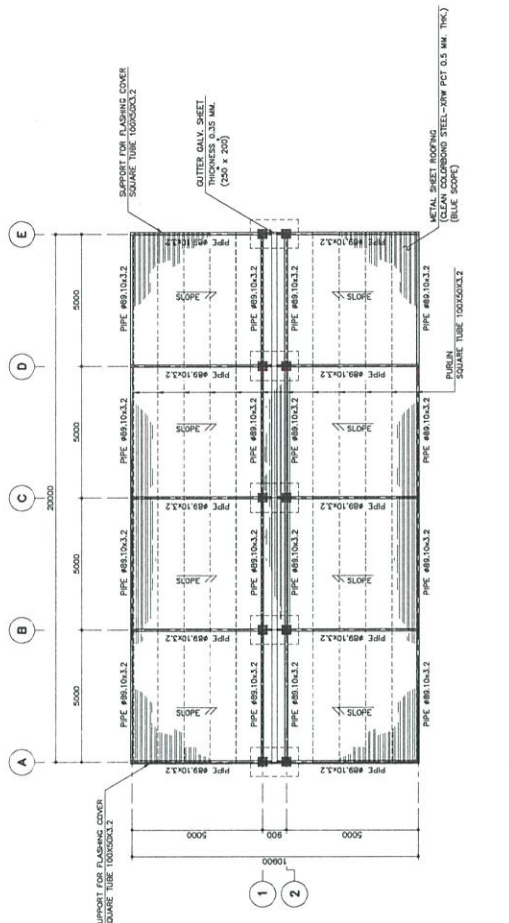
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PASSED :

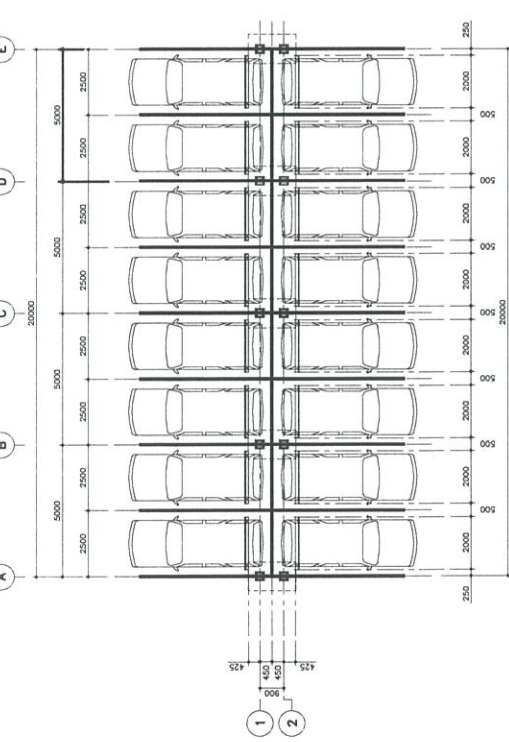
JOB NO. :

DATE :

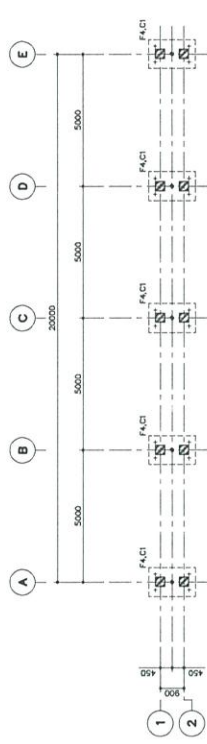
DWG. NO. :



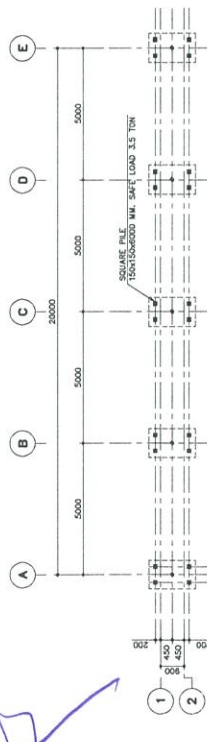
GROUND FLOOR PLAN 1/100



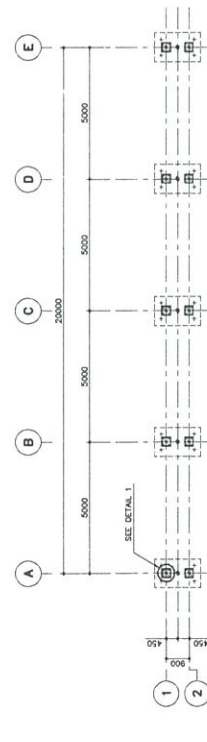
ROOF FRAMING PLAN 1/100



FOUNDATION PLAN 1/100



PILING PLAN 1/100



BASE PLATE ARRANGEMENT PLAN BOB.+200 1/100

- NOTES :
1. ALL DIMENSIONS AND ELEVATIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.
 2. ALL COORDINATES ARE IN METERS.
 3. C.L.T. 0 MM = MSL +26000 MM.
 4. ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH ANY CONTRACTOR'S IS FOUND IN THE STANDARD DRAWING.
 5. MATERIAL QUALITIES SHALL BE AS FOLLOWS :
 -REINFORCE CONCRETE :
 -CONCRETE STRENGTH : 240 kg/cm² AT 28 DAYS.
 -CYLINDER STRENGTH : 100 kg/cm² AT 28 DAYS.
 -REINFORCING BARS : 40 (R3)
 -TIE-BARS : 10 (R1)
 -ANCHOR BOLT :
 ASTM A307 OR AS EQUITANT

Handwritten signature and initials

Handwritten signature



PROJECT ARCHITECT :

PROJECT TEAM :

STRUCTURAL ENGINEER :

บริษัท อินทวิทย์ วิศวกรรม
25/11 หมู่ 5 ร. 17/กม 9
จ.สมุทรสาคร 17588 2130

ELECTRICAL ENGINEER :

SANITARY ENGINEER :

MECHANICAL ENGINEER :

LANDSCAPE ARCHITECT :

INTERIOR DESIGNERS :

E	
C	
B	
A	ISSUE FOR APPROVAL FEB-13-2015
REVISION	MARK DATE

PROJECT :
โครงการพัฒนาที่ดิน
จำนวน 16 ไร่

LOCATION :
อําเภอเมืองสมุทรสาคร จังหวัดสมุทรสาคร

SHOWING :
แปลนที่ดิน

SCALE _____

DRAWN _____

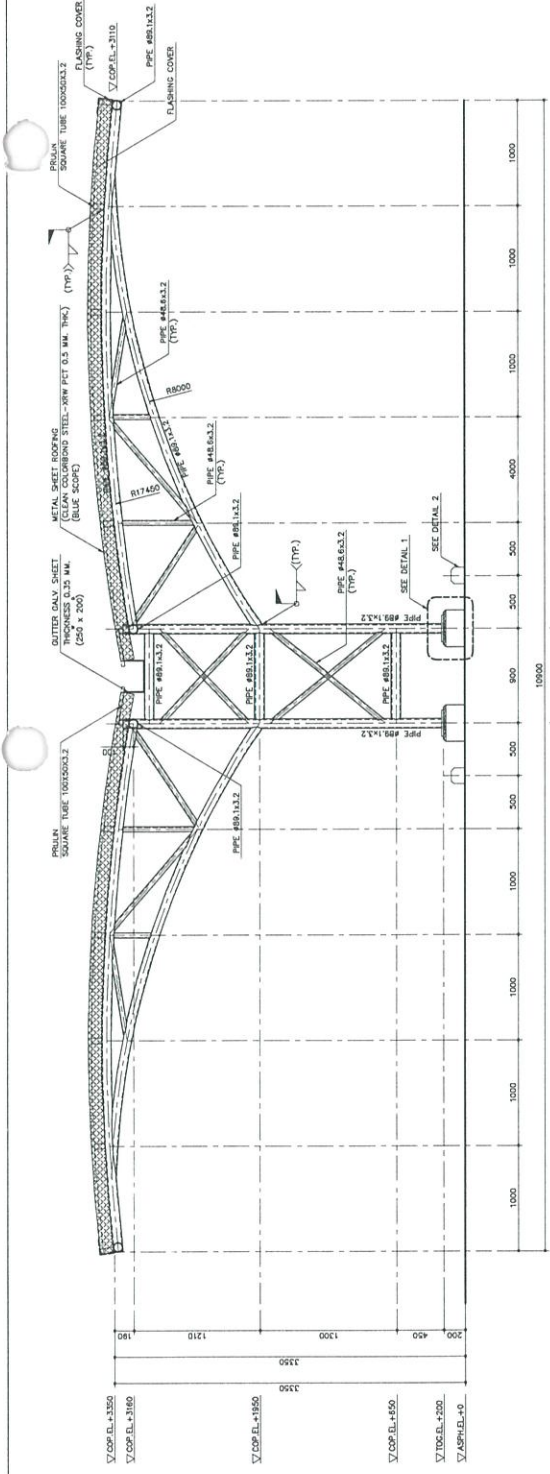
CHECKED _____

PASSED _____

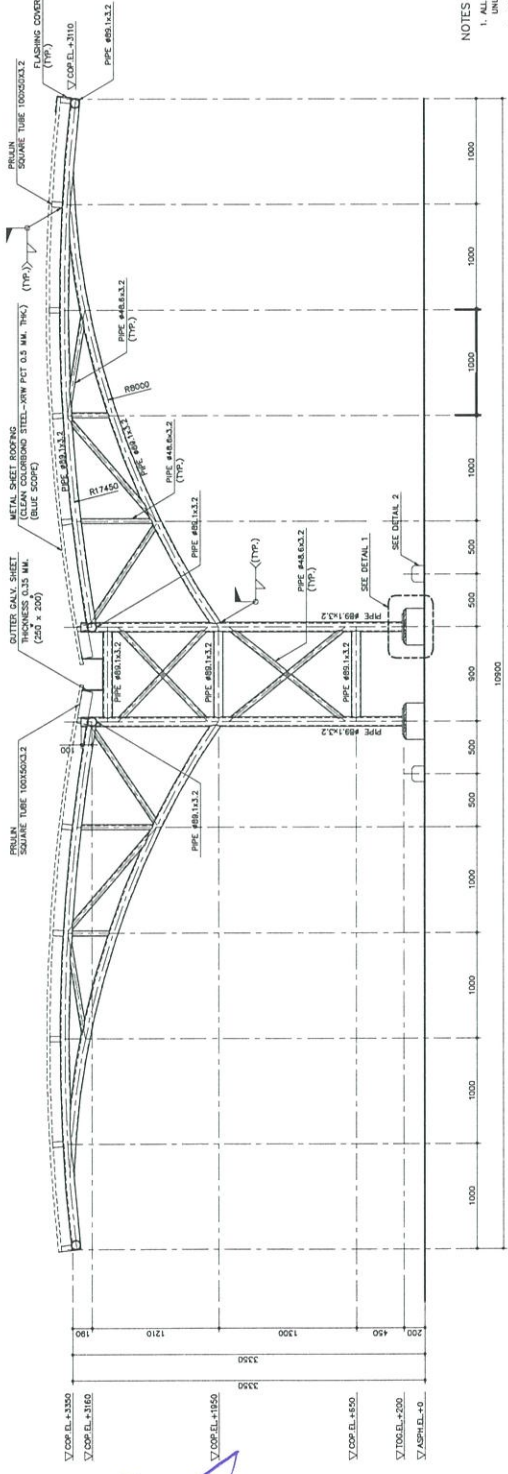
JOB NO. _____

DATE _____

DWG. NO. _____



FRAMING ELEVATION LINE A & E 1/25



FRAMING ELEVATION LINE B,C,D 1/25

- NOTES :
1. ALL DIMENSIONS AND ELEVATIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.
 2. ALL COORDINATES ARE IN METERS.
 3. C.L.D. 0 MM. = M.S.L. +26300 MM.
 4. DETAIL DRAWING SHALL COVER WHERE ANY CONTRADICTION IS FOUND IN THE STRUCTURE DRAWING.
 5. CONSTRUCTION SHALL BE AS FOLLOWS :
-REINFORCE CONCRETE
-COLUMN STRENGTH 240 kg/cm² AT 28 DAYS
-SLAB STRENGTH 240 kg/cm² AT 28 DAYS
-COLUMN STRENGTH 100 kg/cm² AT 28 DAYS
-REINFORCING BAR
T16-24 GRADE 50 40 (GB)
T16-24 GRADE 50 40 (GB)
-ANCHOR BOLT M 24 (GB)
-ASTM A36 OR JE S3101 55400 OR EQUIVALENT

Handwritten signature and initials



PROJECT ARCHITECT :

PROJECT TEAM :

STRUCTURAL ENGINEER :
วิรัชชัย ไชยรัตน์ 011-8003
 25/11 K.S.P. 17/19/25
 011-8003 011-8003

ELECTRICAL ENGINEER :

SANITARY ENGINEER :

MECHANICAL ENGINEER :

LANDSCAPE ARCHITECT :

INTERIOR DESIGNER :

E	
D	
C	
B	
A	

REVISION :
 A : ISSUE FOR APPROVAL FEB-13-2015
 MARK DATE

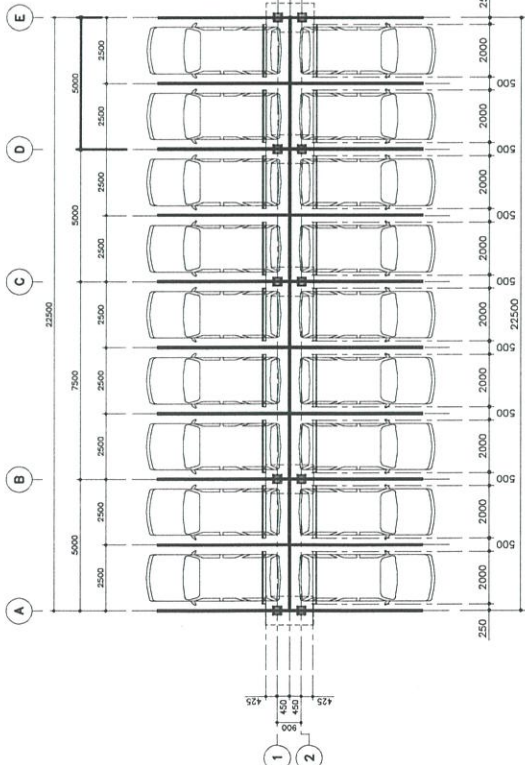
PROJECT :
**หลังคาคลุมลานจอดรถ
 จำนวน 18 คัน**

LOCATION :
อาคารศูนย์ซ่อมบำรุงคลองห้า

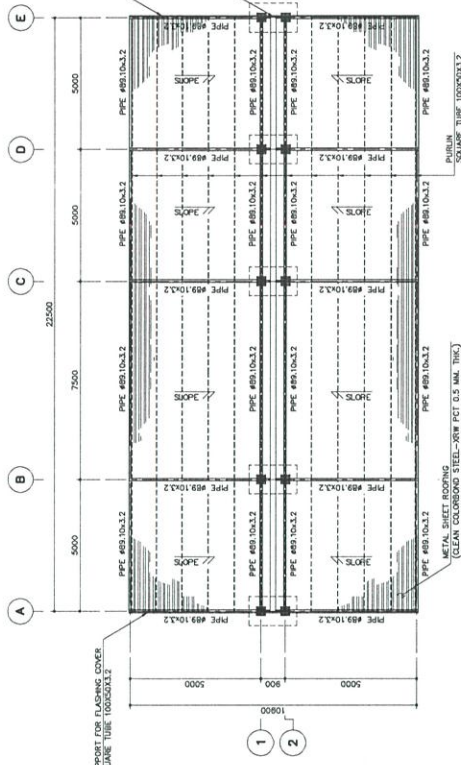
SHOWING :
**แปลนพื้น แปลนเสาเข็ม
 แปลนคานาหลังคา**

SCALE	
DRAWN	
CHECKED	
PASSED	
JOB NO.	
DATE	
DWG. NO.	

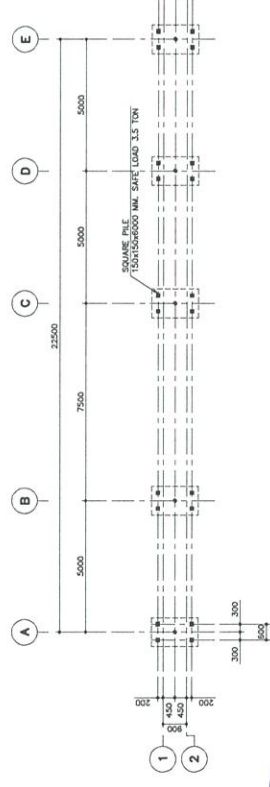
- NOTES :
1. ALL DIMENSIONS AND ELEVATIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.
 2. ALL COORDINATES ARE IN METERS.
 3. C.C.D. 0 MM = M.L. +2000 MM.
 4. FOUND IN THE STANDARD DRAWING.
 5. MATERIAL QUANTITIES SHALL BE AS FOLLOWS :
 REFERENCE CONCRETE
 CYLINDER STRENGTH 240 kg/cm² AT 28 DAYS.
 REFERENCE REINFORCING BARS
 CYLINDER STRENGTH 100 kg/cm² AT 28 DAYS.
 -REINFORCING BARS :
 -R16 : 50 (8B)
 -R10 : 50 (8B)
 -ANCHOR BOLT :
 ASTM A307 OR AS EQUIVALENT



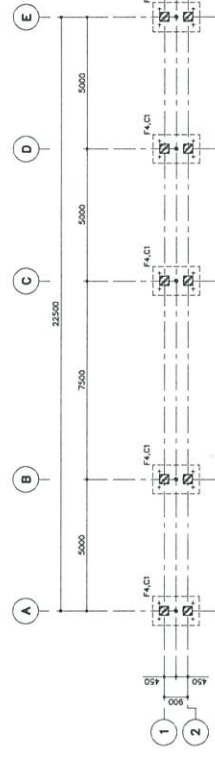
GROUND FLOOR PLAN 1/100



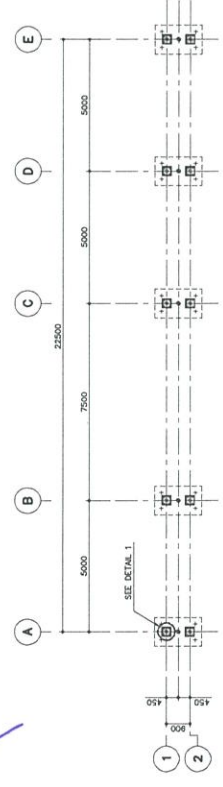
ROOF FRAMING PLAN 1/100



PILING PLAN 1/100



FOUNDATION PLAN 1/100



BASE PLATE ARRANGEMENT PLAN BOB.+200 1/100

Handwritten signatures and initials in blue ink.



PROJECT ARCHITECT :

PROJECT TEAM :

STRUCTURAL ENGINEER :

วันที่ 1 มกราคม 2563
25/1 ม.ค. ร. วิศวกร
วิศวกร วิศวกร 2130

ELECTRICAL ENGINEER :

SANITARY ENGINEER :

MECHANICAL ENGINEER :

LANDSCAPE ARCHITECT :

INTERIOR DESIGNERS :

E	
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B	
A	ISSUE FOR APPROVAL FEB-13-2015
REVISION	MARK DATE

PROJECT :

หลังคาคลุมลานจอดรถ
จำนวน 18 คัน

LOCATION :

อาคารศูนย์ซ่อมบำรุงคลองห้า

SHOWING :

แปลนคานาชาง

SCALE

DRAWN

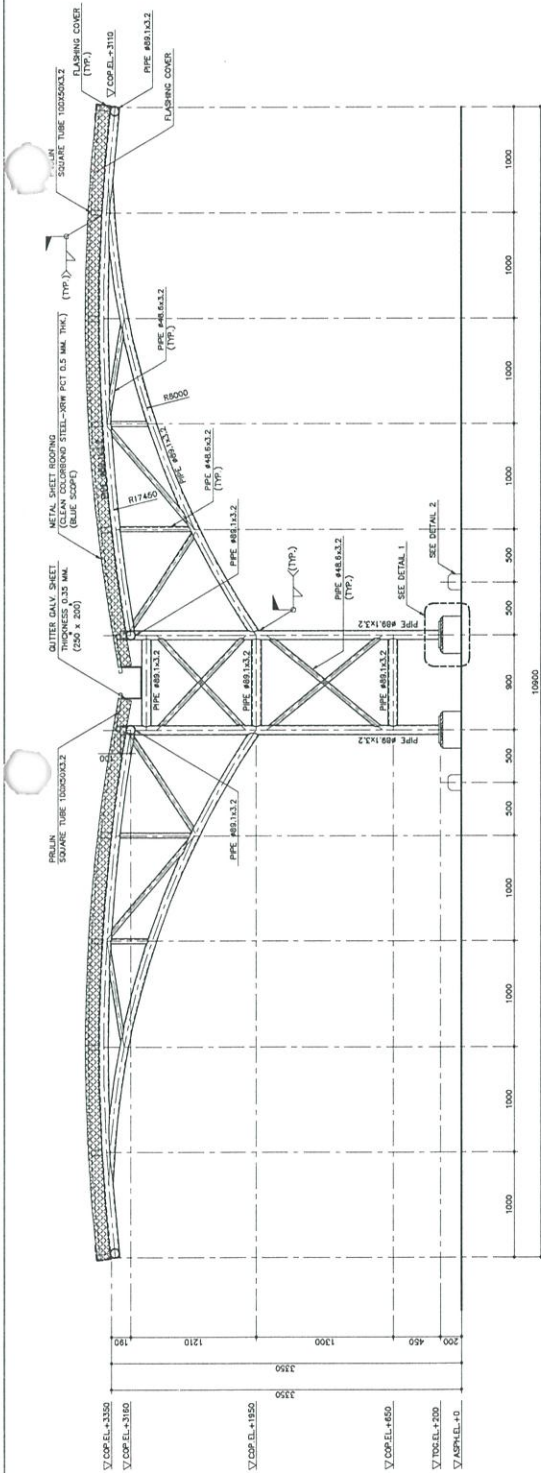
CHECKED

PASSED

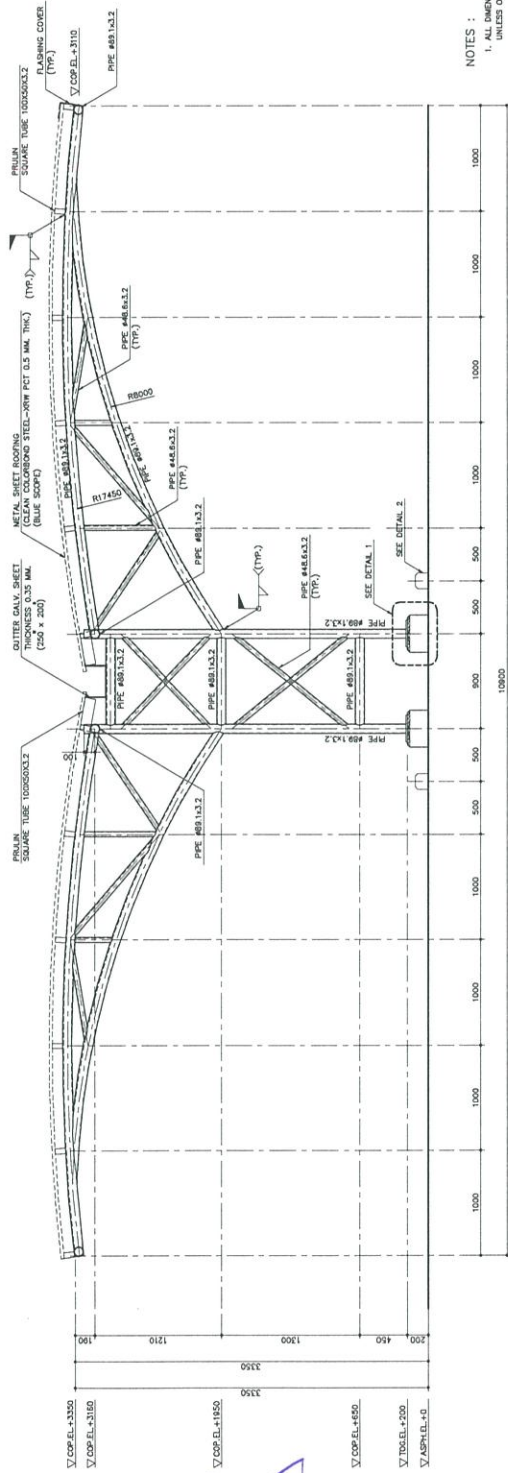
JOB NO.

DATE

DWG. NO.



FRAMING ELEVATION LINE A & E 1/25



FRAMING ELEVATION LINE B,C,D 1/25

- NOTES :
1. ALL DIMENSIONS AND ELEVATIONS ARE IN MILLIMETERS
 2. ALL COORDINATES ARE IN METERS
 3. C.O.D. IS IN ACCORDANCE WITH
 4. LOCAL MANUFACTURING SHALL BE USED UNLESS ANY CONTRADICTION IS FOUND IN THE STANDARD DRAWING
 5. MATERIAL QUANTITIES SHALL BE AS FOLLOWS :
REINFORCE CONCRETE :
- COLUMN STRENGTH 240 kg/cm² AT 28 DAYS.
- SLAB STRENGTH 100 kg/cm² AT 28 DAYS.
- BEAMS STRENGTH 100 kg/cm² AT 28 DAYS.
- TIE-ROD GRADE 24 (R10)
- ANCHOR BOLT
- ANCHOR BOLT AS PER ASTM A308 OR AS EQUIVALENT

Handwritten signature and initials



PROJECT ARCHITECT :

PROJECT TEAM :

STRUCTURAL ENGINEER :

ชื่อผู้รับใช้ : วิศวกร ภูมิ ภูมิ ภูมิ
 25/11 15.5 15.5 15.5
 15/11 15.5 15.5 15.5

ELECTRICAL ENGINEER :

SANITARY ENGINEER :

MECHANICAL ENGINEER :

LANDSCAPE ARCHITECT :

INTERIOR DESIGNER :

E	
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C	
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A	ISSUE FOR APPROVAL FEB-13-2015

REVISION MARK DATE

PROJECT :
 หอพักคนงานโครงการ
 จำนวน 18 ชั้น

LOCATION :

อาคารเรียนโรงเรียนกรุงเทพคริสเตียน

SHOWING :

แบบขยายฐานราก

SCALE

DRAWN

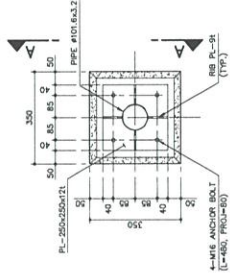
CHECKED

PASSED

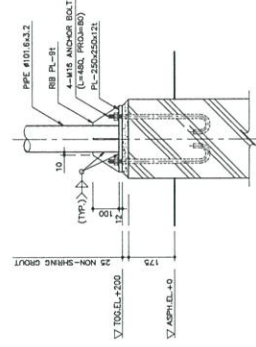
JOB NO.

DATE

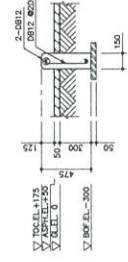
DWG. NO.



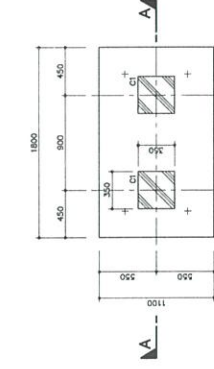
DETAIL 1 1/10



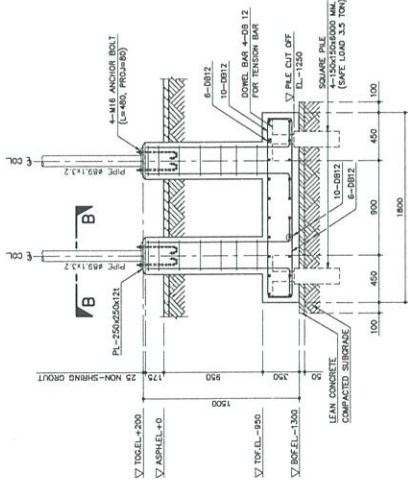
VIEW A-A 1/10



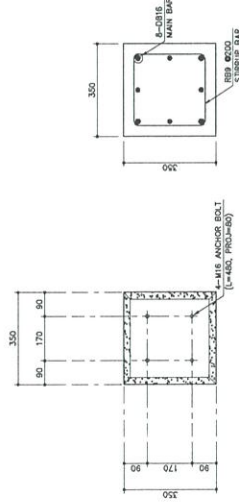
DETAIL 2 1/25



FOUNDATION PLAN 1/25



SECTION A-A 1/25



SECTION B-B 1/10

CI 1/10

- NOTES :
1. ALL DIMENSIONS AND ELEVATIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.
 2. ALL CORNERES ARE IN 45 DEGREE.
 3. REIN. B. BAR = 800, 1000, 1200, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500, 6000, 6500, 7000, 7500, 8000, 8500, 9000, 9500, 10000.
 4. FOUND IN THE STANDARD DRAWING.
 5. MATERIAL QUANTITIES SHALL BE AS FOLLOWS :
 REINFORCE CONCRETE :
 - CEMENT : 240 kg/m³ AT 28 DAYS.
 - CLEAN CONCRETE :
 - CYLINDER STRENGTH 100 kg/cm² AT 28 DAYS.
 - REINFORCING BAR :
 - TOP-20 GRADE 58 24 (R0)
 - ANCHOR BOLT :
 - ASTM A307 OR AS C101, S340 OR EQUIVALENT

Handwritten signature and initials

Handwritten signature



PROJECT ARCHITECT :

PROJECT TEAM :

STRUCTURAL ENGINEER :

บริษัท อินทวิทย์ 401.9803
25/11 น.ส. ร. ลิขิตพร
สุวิวัฒน์ 4.1268 21130

ELECTRICAL ENGINEER :

SANITARY ENGINEER :

MECHANICAL ENGINEER :

LANDSCAPE ARCHITECT :

INTERIOR DESIGNERS :

REVISION :

MARK DATE :

PROJECT :

โครงการศูนย์รวมเบจุงคองหงษ์
จำนวน 26 คัน

LOCATION :

อาคารศูนย์รวมเบจุงคองหงษ์

SHOWING :

แปลนพิมพ์

SCALE :

DRAWN :

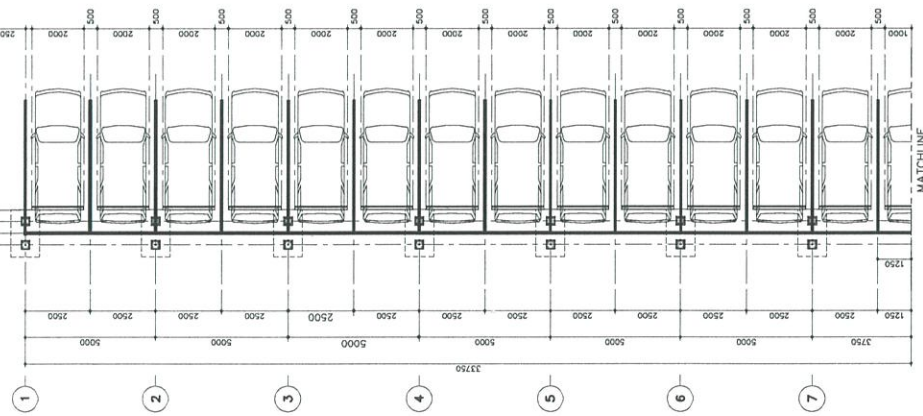
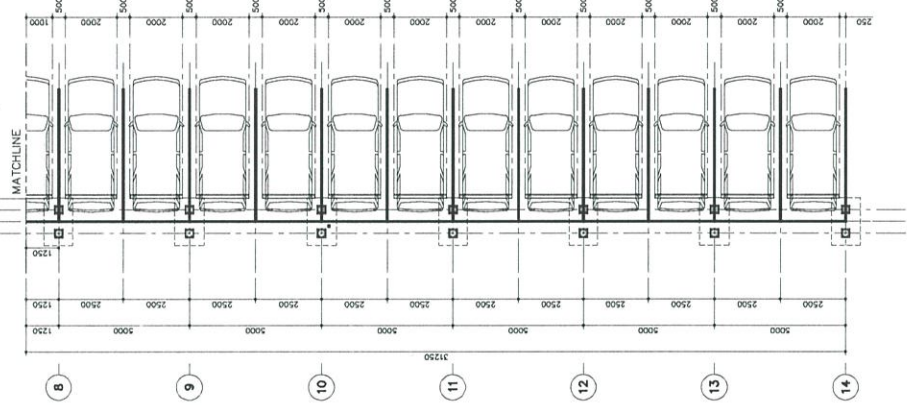
CHECKED :

PASSED :

JOB NO. :

DATE :

DWG. NO. :



GROUND FLOOR PLAN 1/100

- NOTES :
1. ALL DIMENSIONS AND ELEVATIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.
 2. ALL COORDINATES ARE IN METERS.
 3. SLOPE 0.00% = 0:100 = 0:1000 MM.
 4. CHECK ALL DIMENSIONS AND COORDINATES BEFORE ANY CONSTRUCTION IS FOUND IN THE STANDARD DRAWING.
 5. MATERIAL QUALITIES SHALL BE AS FOLLOWS :
 REINFORCE CONCRETE
 - CYLINDER STRENGTH 240 kg/cm² AT 28 DAYS.
 - TENSILE STRENGTH 480 kg/cm² AT 28 DAYS.
 - TENSILE ELONGATION 10% AT 28 DAYS.
 - TENSILE MODULUS 1.8 x 10⁴ kg/cm² AT 28 DAYS.
 - TENSILE STRAIN 24 (0.024)
 - ANCHOR BOLT
 ASTM A36 OR JIS S55C101 S5400 OR EQUIVALENT

Handwritten signature

Handwritten signature



PROJECT ARCHITECT :
 PROJECT TEAM :
 STRUCTURAL ENGINEER :
 ELECTRICAL ENGINEER :
 SANITARY ENGINEER :
 MECHANICAL ENGINEER :
 LANDSCAPE ARCHITECT :
 INTERIOR DESIGNERS :

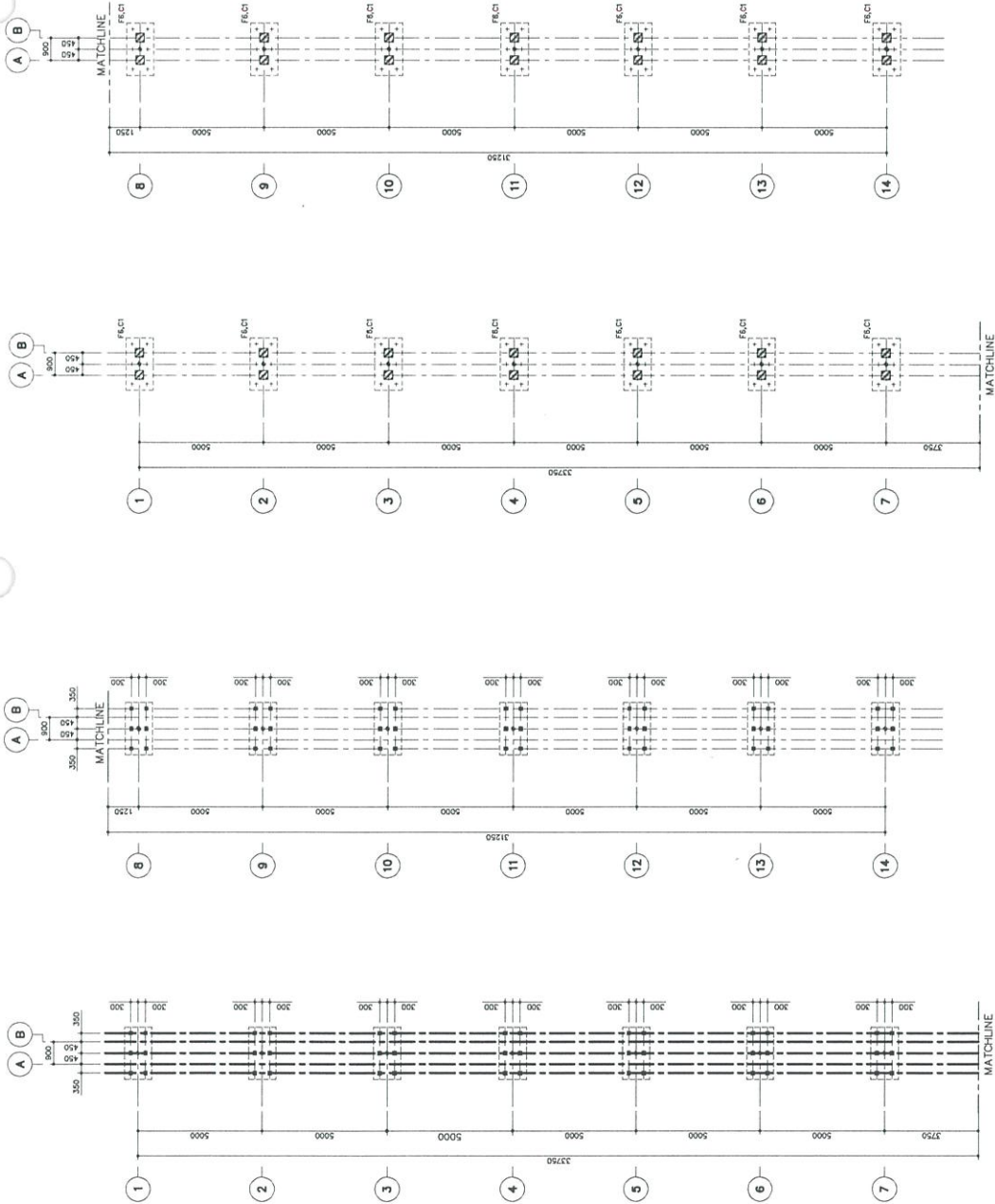
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: ISSUE FOR APPROVAL FEB-12-2015	
MARK DATE	

PROJECT :
 หอพักคนกลางเจดุดรภ
 จำนวน 26 คัน

LOCATION :
 อาคารศูนย์ซ่อมบำรุงคลองห้า

SHOWING :
 แพลนเสาเข็มและฐานราก

SCALE :
 DRAWN :
 CHECKED :
 PASSED :
 JOB NO. :
 DATE :
 DWG. NO. :



FOUNDATION PLAN 1/100

PILING PLAN 1/100

- NOTES :
1. DIMENSIONS AND ELEVATIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.
 2. ALL COORDINATES ARE IN METERS.
 3. C.L.E. 0 MM - M.C.L. +2000 MM.
 4. DETAIL DRAWING SHALL SHOW WHERE ANY CONTRADICTION IS FOUND IN THE STANDARD DRAWING.
 5. MATERIAL QUALITIES SHALL BE AS FOLLOWS :
 REINFORCE CONCRETE
 -CLEAN CONCRETE
 -LEAN CONCRETE
 -CYLINDER STRENGTH 240 kg/cm² AT 28 DAYS.
 -CYLINDER STRENGTH 100 kg/cm² AT 28 DAYS.
 -CYLINDER STRENGTH 40 (03)
 TIS-24 GRADE SD 40 (03)
 TIS-20 GRADE SR 24 (03)
 -ANCHOR BOLT
 ASTM A36 OR IS 3035 S4600 OR EQUIVALENT

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PROJECT ARCHITECT :
 PROJECT TEAM :
 STRUCTURAL ENGINEER :
 ELECTRICAL ENGINEER :
 SANITARY ENGINEER :
 MECHANICAL ENGINEER :
 LANDSCAPE ARCHITECT :
 INTERIOR DESIGNER :

PROJECT :
 LOCATION :
 SHOWING :
 SCALE :
 DRAWN :
 CHECKED :
 PASSED :
 JOB NO. :
 DATE :
 DWG. NO. :

PROJECT :
 LOCATION :
 SHOWING :
 SCALE :
 DRAWN :
 CHECKED :
 PASSED :
 JOB NO. :
 DATE :
 DWG. NO. :

PROJECT :
 LOCATION :
 SHOWING :
 SCALE :
 DRAWN :
 CHECKED :
 PASSED :
 JOB NO. :
 DATE :
 DWG. NO. :

PROJECT :
 LOCATION :
 SHOWING :
 SCALE :
 DRAWN :
 CHECKED :
 PASSED :
 JOB NO. :
 DATE :
 DWG. NO. :

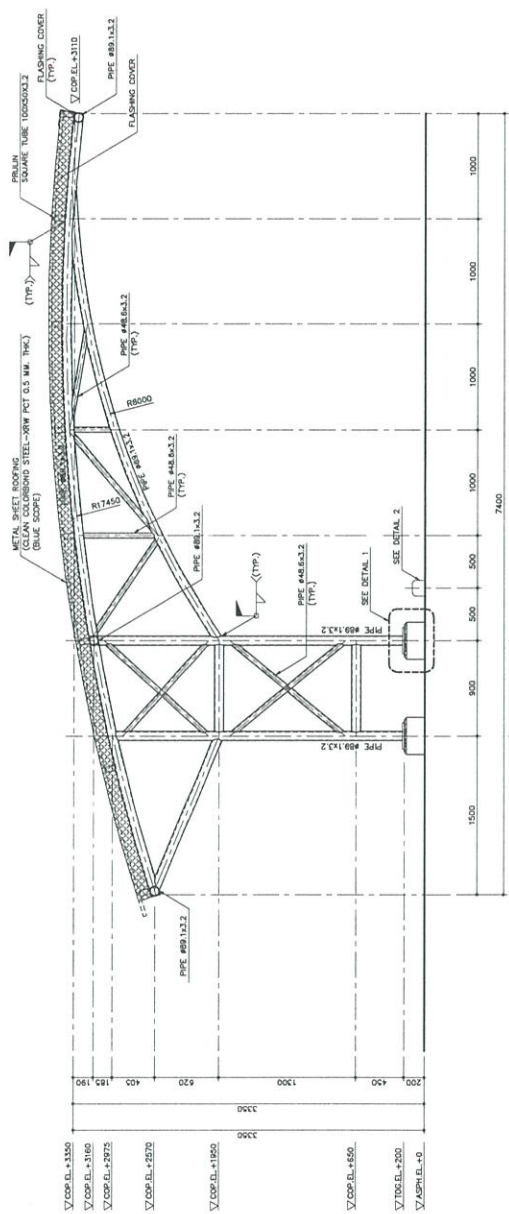
PROJECT :
 LOCATION :
 SHOWING :
 SCALE :
 DRAWN :
 CHECKED :
 PASSED :
 JOB NO. :
 DATE :
 DWG. NO. :

PROJECT :
 LOCATION :
 SHOWING :
 SCALE :
 DRAWN :
 CHECKED :
 PASSED :
 JOB NO. :
 DATE :
 DWG. NO. :

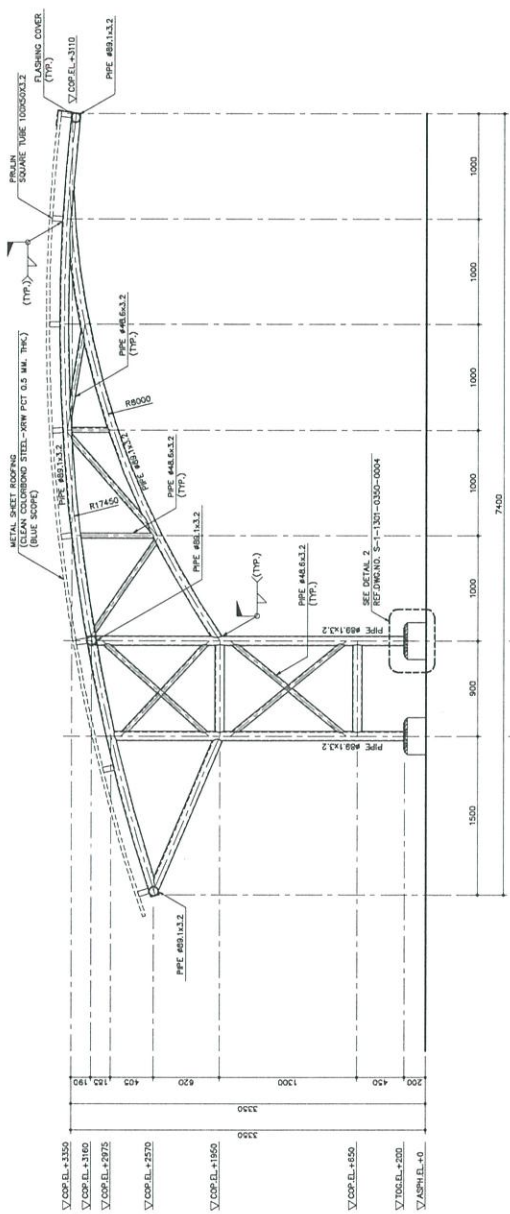
PROJECT :
 LOCATION :
 SHOWING :
 SCALE :
 DRAWN :
 CHECKED :
 PASSED :
 JOB NO. :
 DATE :
 DWG. NO. :

PROJECT :
 LOCATION :
 SHOWING :
 SCALE :
 DRAWN :
 CHECKED :
 PASSED :
 JOB NO. :
 DATE :
 DWG. NO. :

PROJECT :
 LOCATION :
 SHOWING :
 SCALE :
 DRAWN :
 CHECKED :
 PASSED :
 JOB NO. :
 DATE :
 DWG. NO. :



FRAMING ELEVATION LINE 1 & 14 1/25



FRAMING ELEVATION LINE 2-13 1/25

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Handwritten signature

