

SUPPLEMENTAL / BID BULLETIN NO. 1

TITLE : **Retrofitting of Regional Rehabilitation Center for the Youth (RRCY) Covered Court and Construction of First Basement**

ITB NO. : **ITB 2023-DSWD-CAR-22**

DATE : **15 August 2023**

This Supplemental/Bid Bulletin is issued to all prospective bidders announcing the following:

Description/ Concerns	From	To
Section III. Bid Data Sheet (5.2)	For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be: <ul style="list-style-type: none"> • Construction or Retrofitting of Buildings 	For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be: <ul style="list-style-type: none"> • Construction or Retrofitting of Buildings or Structures
Section VI. Specifications	General Condition and Requirements not attached.	Please see attached General Condition and Requirements.
Section VII. Drawings	Plans for the Retrofitting of the Regional Rehabilitation Center for the Youth (RRCY) Covered Court and First Basement	Please see attached <u>revised Plans for the Retrofitting of the Regional Rehabilitation Center for the Youth (RRCY) Covered Court and First Basement.</u>

Changes indicated in the Bid Bulletin shall form part of the bidding documents.

Please be guided accordingly.


ENRIQUE H. GASCON JR.
 Chairperson, Bids and Awards Committee

Bid Data Sheet

ITB Clause			
5.2	For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be: <ul style="list-style-type: none"> • <i>Construction or Retrofitting of Buildings or Structures</i> 		
7.1	Subcontracting is not allowed.		
10.3	PCAB license should be at least “small b” as to size range and/or at least C or D as to license category		
10.4	The key personnel must meet the required minimum years of experience set below:		
	Personnel	General Experience	Relevant Experience
	Project Manager	Registered and Licensed Civil Engineer with at least 5 years of experience	at least 5 years of relevant experience in building construction
	Site Architect	Registered Architect with at least 2 years of experience	at least 2 years of relevant experience in Architectural Works in building construction
	Site Civil Engineer	Registered Civil Engineer with at least 5 years of experience in civil engineering practice	at least 2 years of relevant experience in structural retrofit works
	Site Materials Engineer	Registered Materials Engineer with at least 2 years of experience in construction industry	at least 2 years of relevant experience in building construction
	Site Electrical Engineer	Registered Electrical Engineer with at least 2 years of experience in electrical engineering practice	at least 2 years of relevant experience in Electrical Works of building construction
	Master Plumber	Registered Master Plumber with at least 2 years of experience in plumbing works	at least 2 years of relevant experience in plumbing Works of building construction
	Safety Officer	at least 2 years experience in safety management	at least 2 years experience as Safety Officer II in building construction
	Project Foreman	at least 2 years of experience in building construction	at least 2 years of experience in building construction
	Electrician	At least 2 years of experience with NC II Certificate	At least 2 years of relevant experience in building

		construction & must be TESDA Accredited																																	
Carpenter	At least 2 years of experience with NC II Certificate	At least 2 years of relevant experience in carpentry in building construction & must be TESDA Accredited																																	
Scaffolder	At least 2 years of experience with NC II Certificate	At least 2 years of relevant experience in scaffold erection in building construction & must be TESDA Accredited																																	
Steel man	at least 2 years of experience in steel works with NC II Certificate	at least 2 years of relevant experience in steel works in building construction & must be TESDA Accredited																																	
Welder	at least 3 years of experience in welding and hot works with NC II Certificate	at least 3 years of experience in welding/hot works & must be TESDA Accredited																																	
10.5	The minimum major equipment requirements are the following:																																		
	<table border="1"> <thead> <tr> <th>Equipment</th> <th>Capacity</th> <th>Number of Units</th> </tr> </thead> <tbody> <tr> <td>Mini Dump Truck</td> <td>at least 2.5 cubic meters</td> <td>at least one (1)</td> </tr> <tr> <td>Speed Cutter</td> <td>at least 14 inches</td> <td>at least two (2)</td> </tr> <tr> <td>Acetylene & Oxygen Tank</td> <td>at least 24 kgs</td> <td>at least two (2)</td> </tr> <tr> <td>Welding Machine</td> <td>at least 300 amps</td> <td>at least three (3)</td> </tr> <tr> <td>Drilling Machine</td> <td>at least 450 watts</td> <td>at least two (2)</td> </tr> <tr> <td>Concrete Vibrator</td> <td>at least 3 Hp</td> <td>at least one (1)</td> </tr> <tr> <td>Compactor</td> <td>At least 3 HP</td> <td>at least one (1)</td> </tr> <tr> <td>Jet Grouting Machine</td> <td>At least 4000 psi</td> <td>at least one (1)</td> </tr> <tr> <td>Heavy Duty Chain Block</td> <td>At least 3 tons</td> <td>at least three (3)</td> </tr> <tr> <td>Floor Grinding Machine</td> <td>at least 450 rpm</td> <td>at least one (1)</td> </tr> </tbody> </table>		Equipment	Capacity	Number of Units	Mini Dump Truck	at least 2.5 cubic meters	at least one (1)	Speed Cutter	at least 14 inches	at least two (2)	Acetylene & Oxygen Tank	at least 24 kgs	at least two (2)	Welding Machine	at least 300 amps	at least three (3)	Drilling Machine	at least 450 watts	at least two (2)	Concrete Vibrator	at least 3 Hp	at least one (1)	Compactor	At least 3 HP	at least one (1)	Jet Grouting Machine	At least 4000 psi	at least one (1)	Heavy Duty Chain Block	At least 3 tons	at least three (3)	Floor Grinding Machine	at least 450 rpm	at least one (1)
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12	<i>Not Applicable</i>																																		
15.1	<p>The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts:</p> <ol style="list-style-type: none"> a. The amount of not less than two percent (2%) of ABC or Php 422,760.34, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; b. The amount of not less than five percent (5%) of ABC or Php 1,056,900.85 if bid security is in Surety Bond. 																																		

GENERAL CONDITION AND REQUIREMENTS	
1.	Contractor's Qualification(s)
	a. Contractor shall be competent and experienced in the field of Construction with a minimum of three (3) years prior experience.
2.	Contractor's Working Hours
	a. All normal work for this contract shall be performed during normal daylight hours. Any exceptions or changes should be approved by the HOPE, it may only be coordinated to the Officer/BGMS Project Engineer, but still subject for approval of the Regional Director.
	b. If work is required overnight, the Contractor will be requires to furnish safe, proper and sufficient lighting arrangement if necessary.
3.	Contractor's Responsibilities
	a. Contractor/Service provider shall assign Engineers/Architects from the start until completion stage;
	b. Contractor/Service provider shall coordinate to the BGMS all the execution of works;
	c. Contractor/Service provider shall provide warning signages, project log book;
	d. Contractor/Service provider shall submit Statement of works accomplished and progress photos as requirement of the billing request ;
	e. Contractor shall submit Construction Safety and Health Program approved by DOLE;
	f. All assigned key personnel shall be physically present at the site throughout the duration of the project or working hours;
	g. A Certificate of Site Inspection shall be secured by the contractor from the BGMS.
4.	Other Requirements
	a. All dimensions/level etc. indicated in the drawing plans are to be verified on the site;
	b. All materials is subjected for the approval of the End user/ BGMS Project Engineer/Architect;
	c. Any discrepancies, either between written dimensios and site dimensions shall be brought to the BGMS office before executing the works.

Prepared by:


ENGR. COLLIN JONES C. TUNGOL
Engineer II, BGMS

Recommending Approval:


ENRIQUE H. GASCON JR.
Director III, Assistant Regional Director for Administration

Conformed by:


RONILO R. FLORES
OIC - Admin Division Chief

Approved by:


LEO L. QUINTILLA
Regional Director



EXTERIOR PERSPECTIVE



THIS SITE
REGIONAL REHABILITATION CENTER
FOR YOUTH

DSWD RRCY

FROM BAGUIO CITY

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REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGH WAYS
OFFICE OF THE BUILDING OFFICIAL
SABLAN BENGUET
CITY / TOWN / MUNICIPLAITY
LAND USE AND ZONING
LINE AND GRADE
ARCHITECTURAL
STRUCTURAL
PLUMBING/ SANITARY
ELECTRICAL
FIRE DEPARTMENT
MECHANICAL

PROJECT TITLE	REVIEWED BY	REVIEWED BY	RECOMMENDING APPROVAL	APPROVAL	APPROVAL	DESIGNER	CONTENTS	SHEET
RRCY COVERED COURT AS BUILT PLAN RETROFIT						ENGR. JOSELITO F. BUHANGIN 	COVER PAGE	S-1
PROJECT LOCATION	AR. GLYXTER N. RUDIO AO I, BGMS Head	RONILO R. FLORES OIC - Chief Admin Division	ENRIQUE H. GASCON JR. DIR III/ ARD for Administration	LEO L. QUINTILLA Regional Director	Engr. Collin Jones C. Tungol	ENGR. JONEL B. LUCAS		

GENERAL NOTES

1. IN THE INTERPRETATION OF THE DRAWING THE DIMENSIONS INDICATED SHALL GOVERN. DISTANCES AND SIZES SHALL NOT BE SCALED FOR CONSTRUCTION PURPOSES IF DIMENSIONS ARE PLACED
2. DRAWINGS FOR DEPRESSIONS IN FLOOR SLABS, OPENINGS IN THE WALLS AND SLABS, INTERIOR PARTITIONS, LOCATION OF DRAINS ETC. SHALL BE REFERENCED TO THE ARCHITECTURAL PLANS.
3. IN CASE THAT THERE IS A DISCREPANCY AS TO THE LAYOUT, DIMENSION AND ELEVATIONS BETWEEN THE STRUCTURAL PLANS AND THE ARCHITECTURAL PLANS, THE CONTRACTOR SHALL NOTIFY BOTH THE STRUCTURAL ENGINEER AND THE ARCHITECT.
4. TYPICAL DETAILS AND CONSTRUCTION NOTES WILL APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED. SOME MODIFICATIONS TO THE TYPICAL DETAIL CAN BE MADE TO MEET SPECIAL CONDITIONS ON THE PROJECT.
5. ALL SHOP DRAWINGS WITH ERECTION AND PLACING DIAGRAMS OF ALL FABRICATED STRUCTURAL MEMBERS SHALL BE SUBMITTED FOR THE ENGINEERS APPROVAL BEFORE FABRICATION. MISCELLANEOUS CURBS, SILLS, STOOLS, MECHANICAL BASES AND EQUIPMENTS THAT ARE REQUIRED BY THE CONSTRUCTION DRAWINGS
6. THE RESULTS OF ALL MATERIAL TESTING FOR CONCRETE, REINFORCING BARS AND STRUCTURAL STEEL MUST BE NOTED AND APPROVED BY THE ENGINEER
7. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
8. ALL BAR DIAMETERS AND SPACING ARE IN MILLIMETERS UNLESS OTHER WISE NOTED.

MATERIAL SPECIFICATIONS

1. CONCRETE SPECIFICATION

LOCATION	28 DAY STRENGTH (PSI)	MAX SIZE OF AGGREGATE (mm)	MAX SLUMP (mm)
FOOTINGS	3500	25	100
SUSPENDED SLAB	3500	25	100
BEAMS AND COLUMNS	3500	25	100
SLAB ON FILL	3500	25	100
ALL OTHERS	3500	25	100

2. REINFORCING BARS

- a. FOR BARS 16 mm AND LARGER ----- GRADE 60
- b. FOR BARS 12 mm AND SMALLER ----- GRADE 40

3. STRUCTURAL STEEL, ASTM-A36

- a. FOR TRUSSES, BRACINGS AND STRUTS----- $f_y=248\text{MPa}$ (36,000 PSI)
- b. FOR STUCTURAL SECTIONS ----- $f_y=248\text{MPa}$ (36,000 PSI)

4. PURLINS:

- COLD FORMED LIGHT GAGE SHAPES----- $f_y=248\text{MPa}$ (36,000 PSI)

5. MASONRY CHB:NON-LOAD BEARING----- $f_m'=3.45\text{ MPa}$ (500 PSI)

6. WELDS-USE E-60xx ELECTRODE

- ## 7. STRUCTURAL BOLTS, ASTM-A307----- $F_t=96.60\text{ MPa}$ (14,000 PSI) $F_v=69\text{ MPa}$ (10,000 PSI)

STRIPPING OF FORMS AND SHORES	DURATION
FOUNDATION	24 HRS
SUSPENDED SLAB	8 DAYS
WALLS	21 DAYS
BEAMS	14 DAYS
COLUMNS	21DAYS

MINIMUM CONCRETE COVER

LOCATION	MINIMUM CONCRETE COVER (mm)
SUSPENDED SLABS	20
SLAB ON GROUND	40
WALLS ABOVE GROUND	25
BEAM STIRRUP AND COLUMN TIES	40
WHERE CONCRETE IS EXPOSED TO EARTH BUT POURED AGAINST FORMS	50
WHERE CONCRETE IS DEPOSITED DIRECTLY AGAINST EARTH	75

STANDARD HOOKS			
REBAR DIA. (mm)	HOKK BEND DIAMETER (mm)	180°HOOK LENGTH	90°HOOK LENGTH
10	60	60	120
12	72	60	144
16	96	64	192
20	120	80	240
25	150	100	300
28	224	112	336
32	256	128	384

HOOKS FOR TIES AND STIRRUPS

REBAR DIAMETER (mm)	HOKK BEND DIAMETER (mm) 135°	HOKK LENGTH
10	40	60
12	48	72

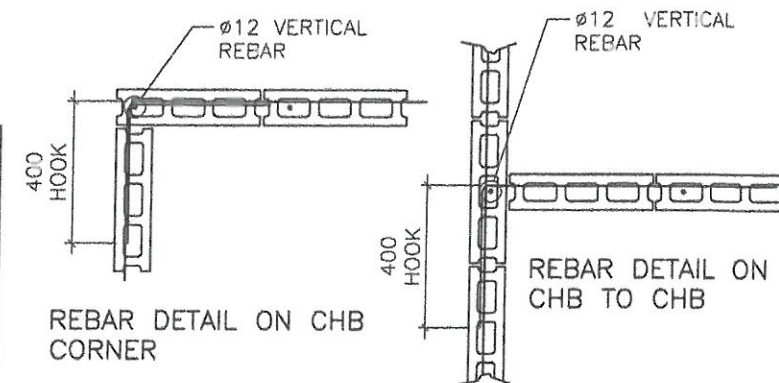
NOTES ON COLUMNS

1. WHERE COLUMNS, VERTICAL REINFORCEMENTS. SHALL BE OFFSET AT A SLOPE OF NOT MORE THAN 1 IN 6 AND EXTRA 10mm TIES AT 100 MM SHALL BE PROVIDED THRU OUT THE OFFSET REGION
2. UNLESS OTHERWISE INDICATED IN THE PLANS, LAP SPICES FOR VERTICAL COLUMN REINFORCEMENT SHALL BE MADE WITHIN THE CENTER HALF OF COLUMN HEIGHT AND THE SPLICE LENGTH SHALL NOT BE LESS THAN 40 BAR DIAMETERS. WELDING OR APPROVED MECHANICAL DEVICES MAY BE USED PROVIDED THAT NOT MORE THAN ALTERNATE BARS ARE WELDED OR MECHANICALLY SPLICED AT ANY LEVEL AND THE VERTICAL DISTANCES BETWEEN THESE WELDS OR SPLICES OF ADJACENT BARS IS NOT LESS THAN 600mm.

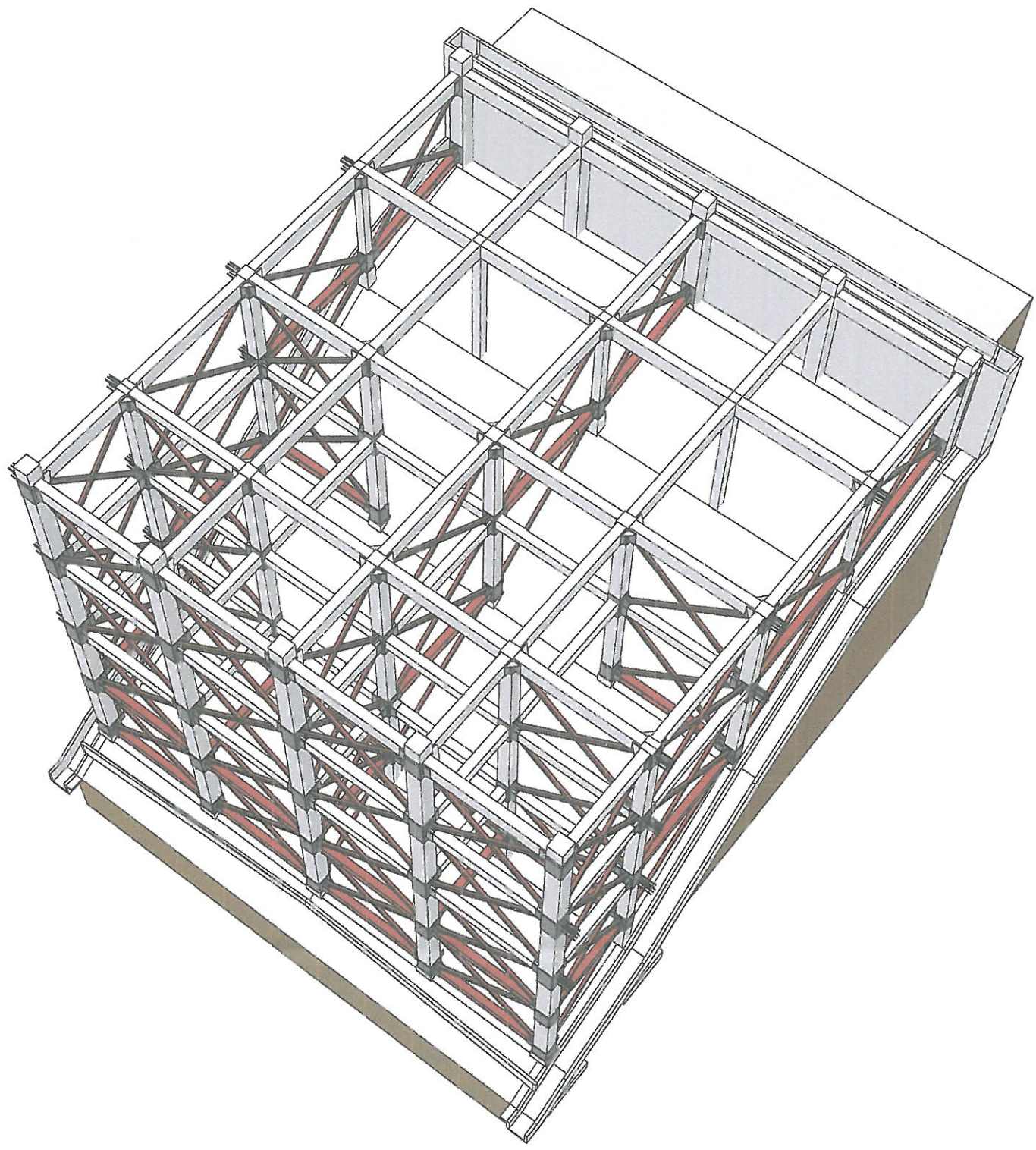
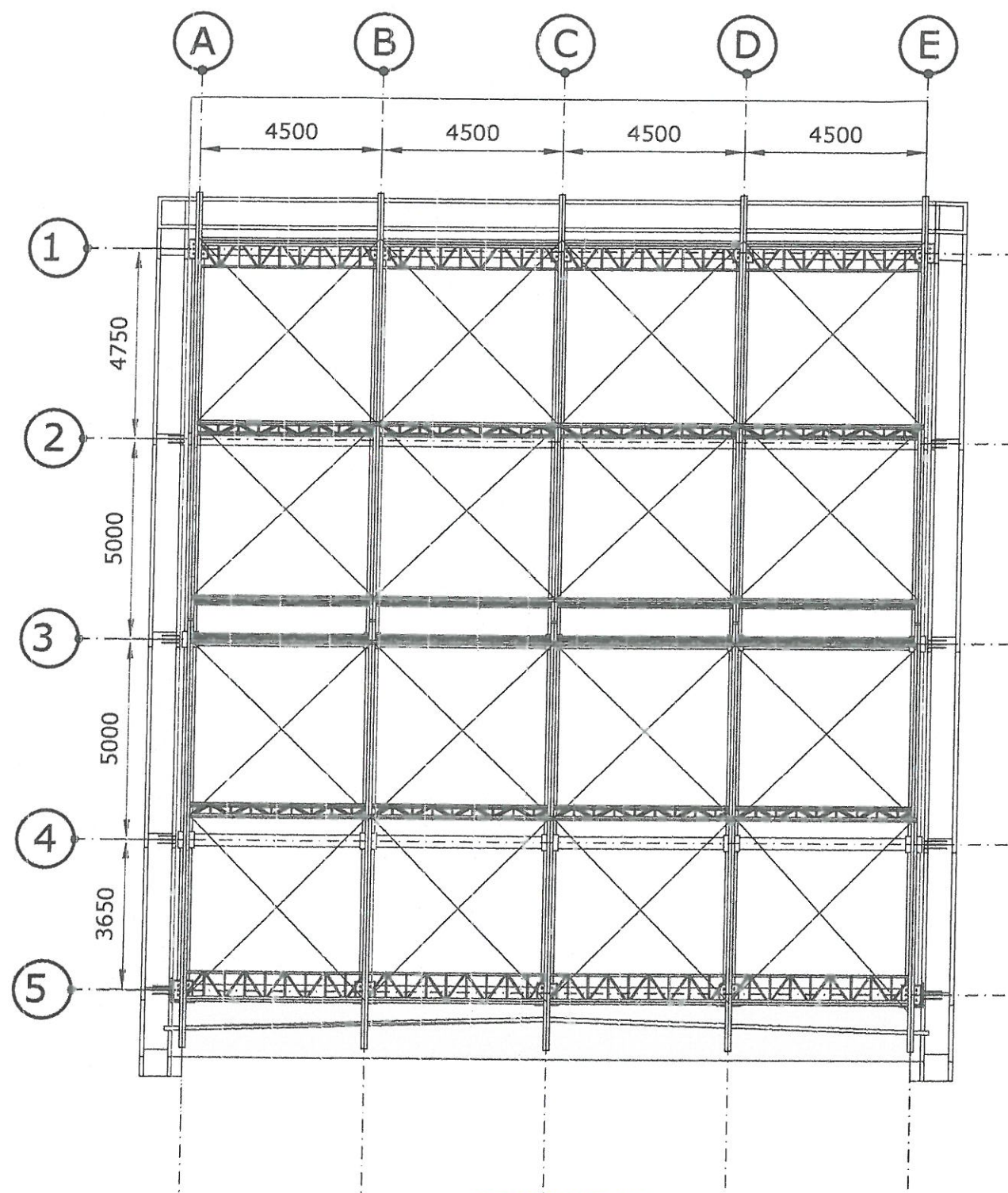
NOTES ON CONCRETE HOLLOW BLOCKS

1. UNLESS OTHER WISE SHOWN IN PLANS ALL CONCRETE HOLLOW BLOCKS AND CERAMIC BLOCKS SHALL BE REINFORCES AS SHOWN IN THE SCHEDULE OF CONCRETE HOLLOW BLOCK REINFORCEMENT
2. PROVIDE 150mmX300mm STIFFENER COLUMN REINFORCED WITH 4-12mm WITH 6mm ϕ TIES AT 150mm ON CENTER WHERE CONCRETE HOLLOW BLOCK TERMINATES AND AT EVERY 3.0m LENGTH OF CONCRETE HOLLOW BLOCK WALLS UNLESS NOTED IN STRUCTURAL PLANS.

LINTEL IN WALLS (SAME THICKNESS AS WALL)					
CLEAR SPAN mm	TOTAL LENGTH mm	HEIGHT OF LINTEL BEAM (mm)	BOTTOM REBAR	TOP REBAR	STIRRUPS
1200	1800	200	2- ϕ 10mm	2- ϕ 10mm	ϕ 10mm @ 200
1500	2100	225	2- ϕ 12mm	2- ϕ 12mm	ϕ 10mm @ 200
1800	2400	250	2- ϕ 16mm	2- ϕ 16mm	ϕ 10mm @ 200
2100	2700	250	2- ϕ 16mm	2- ϕ 16mm	ϕ 10mm @ 200
2400	3000	300	2- ϕ 16mm	2- ϕ 16mm	ϕ 10mm @ 200



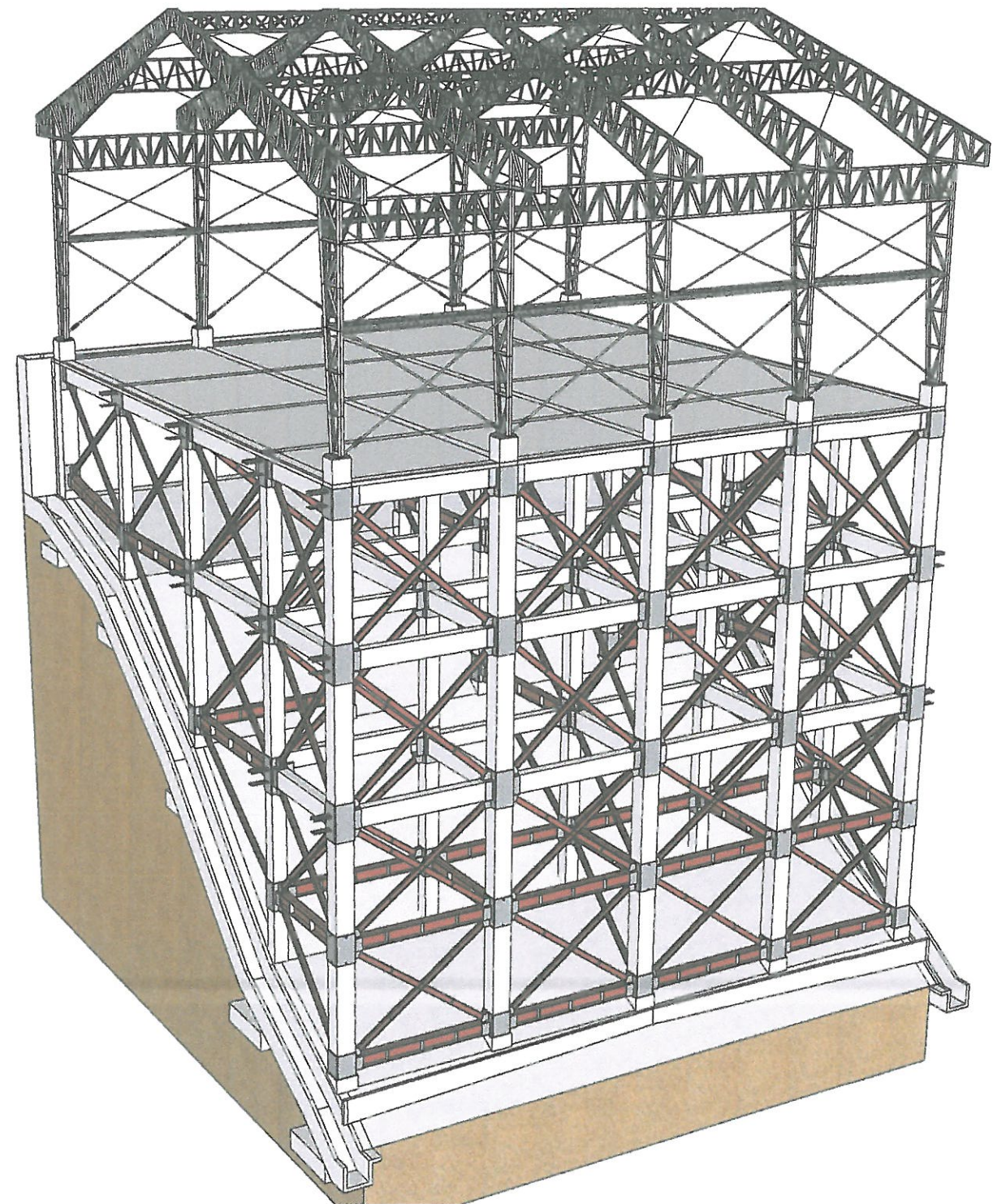
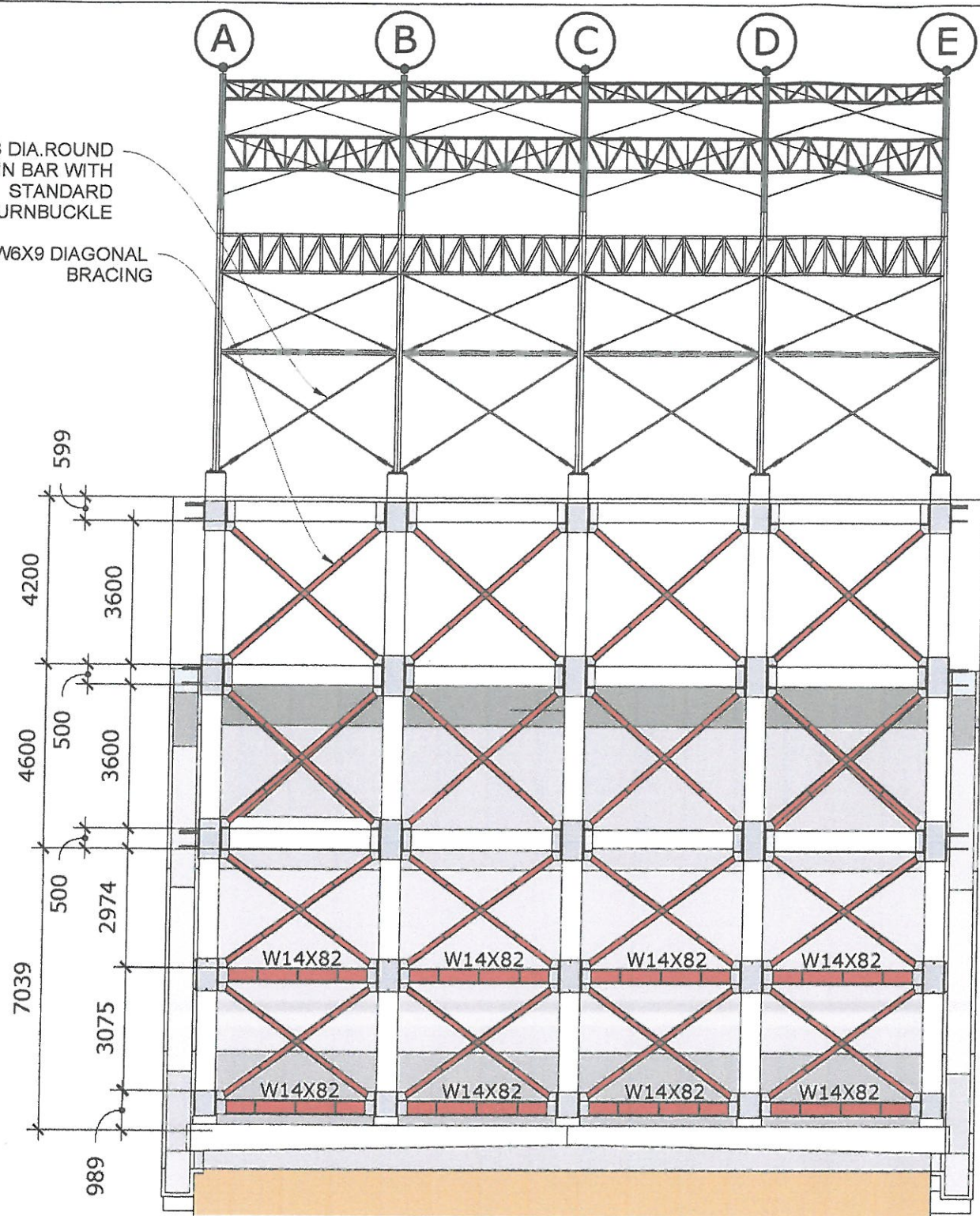
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RRCY COVERED COURT AS BUILT PLAN RETROFIT						ENGR. JOSELITO F. BUHANGIN ENGR. RENATO D. TANDOC ENGR. JONEL B. LUCAS	GENERAL NOTES	S-2
PROJECT LOCATION	AR. GLYXTER N. RUDIO AO 1, BGMS Head	RONILO R. FLORES OIC - Chief Admin Division	ENRIQUE H. GASCON JR. DIR III/ ARD for Administration	LEO L. QUINTILLA Regional Director	Engr. Collin Jones C. Tungol PDO II	STRUCTURAL ENGINEERS		
SABLAN, BENGUET				DSWD-CAR				



FRAMING PLAN
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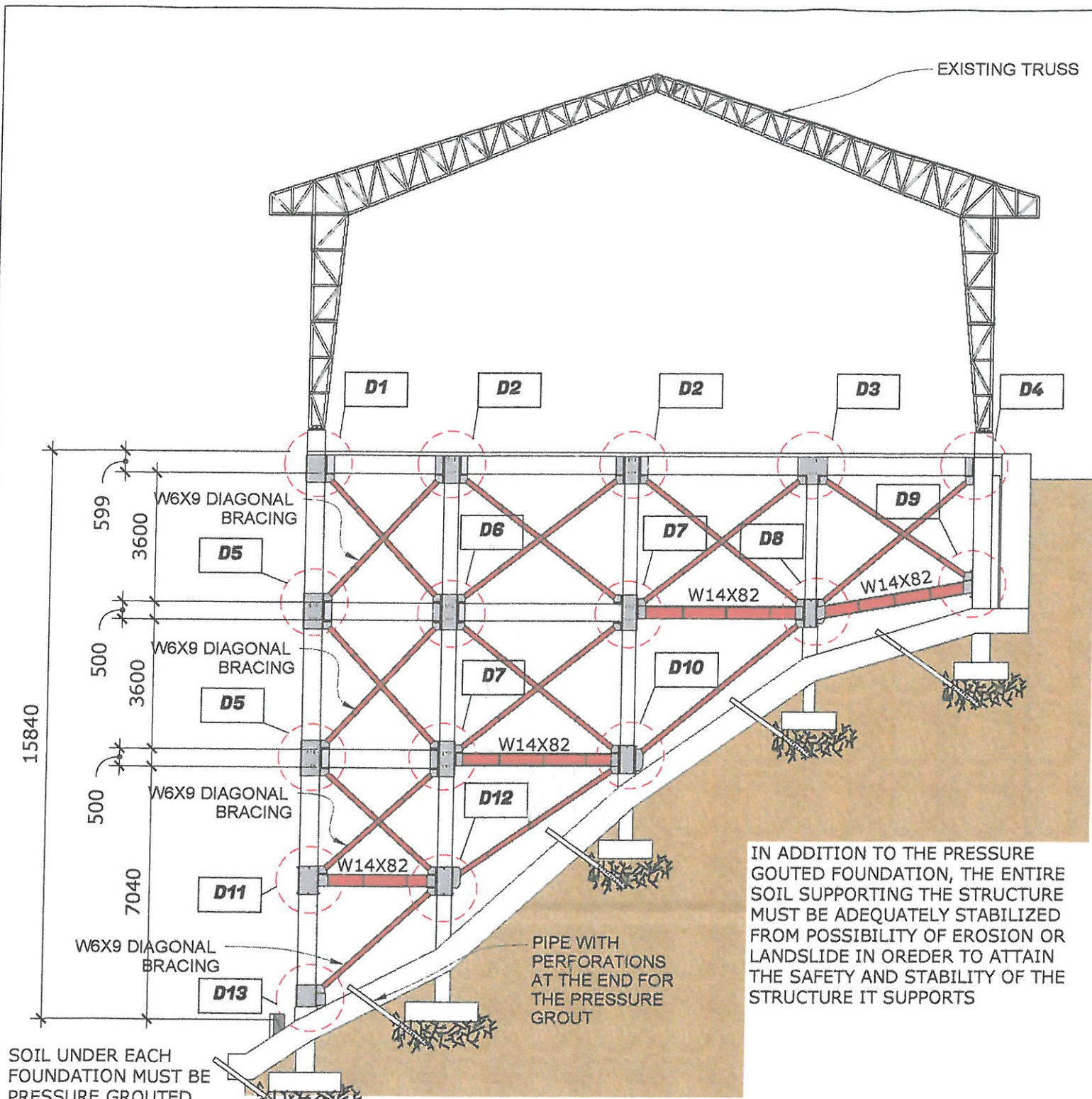
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PROJECT LOCATION								

D28 DIA. ROUND
PLAIN BAR WITH
STANDARD
TURNBUCKLE
W6X9 DIAGONAL
BRACING



FRONT FRAMING
A
scale: 1:150

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PROJECT LOCATION								

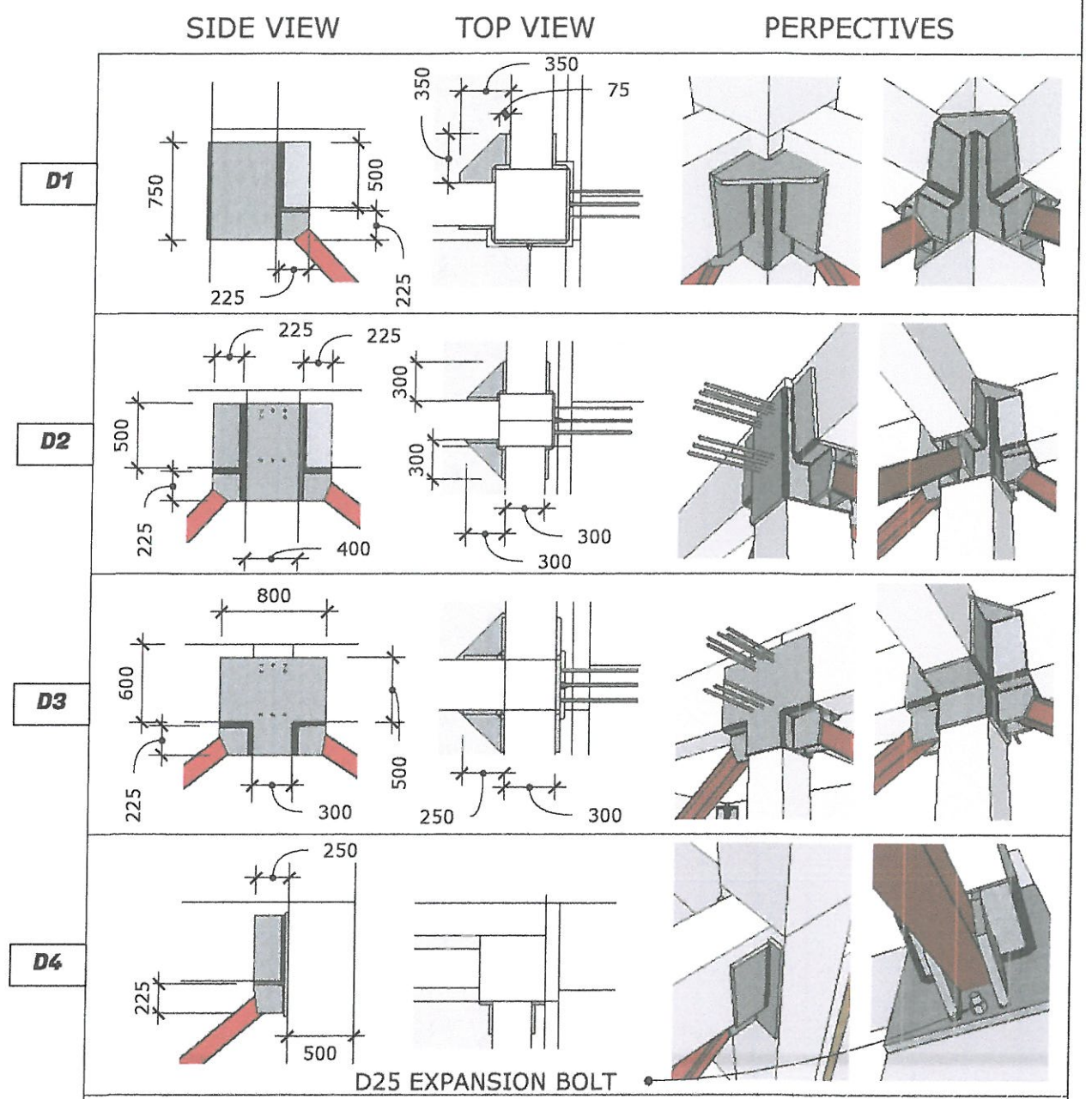


IN ADDITION TO THE PRESSURE GROUTED FOUNDATION, THE ENTIRE SOIL SUPPORTING THE STRUCTURE MUST BE ADEQUATELY STABILIZED FROM POSSIBILITY OF EROSION OR LANDSLIDE IN ORDER TO ATTAIN THE SAFETY AND STABILITY OF THE STRUCTURE IT SUPPORTS

SOIL UNDER EACH FOUNDATION MUST BE PRESSURE GROUTED WITH CONCRETE (3000 PSI COMPRESSIVE STRENGTH)

SECTION ALONG GRID A AND E

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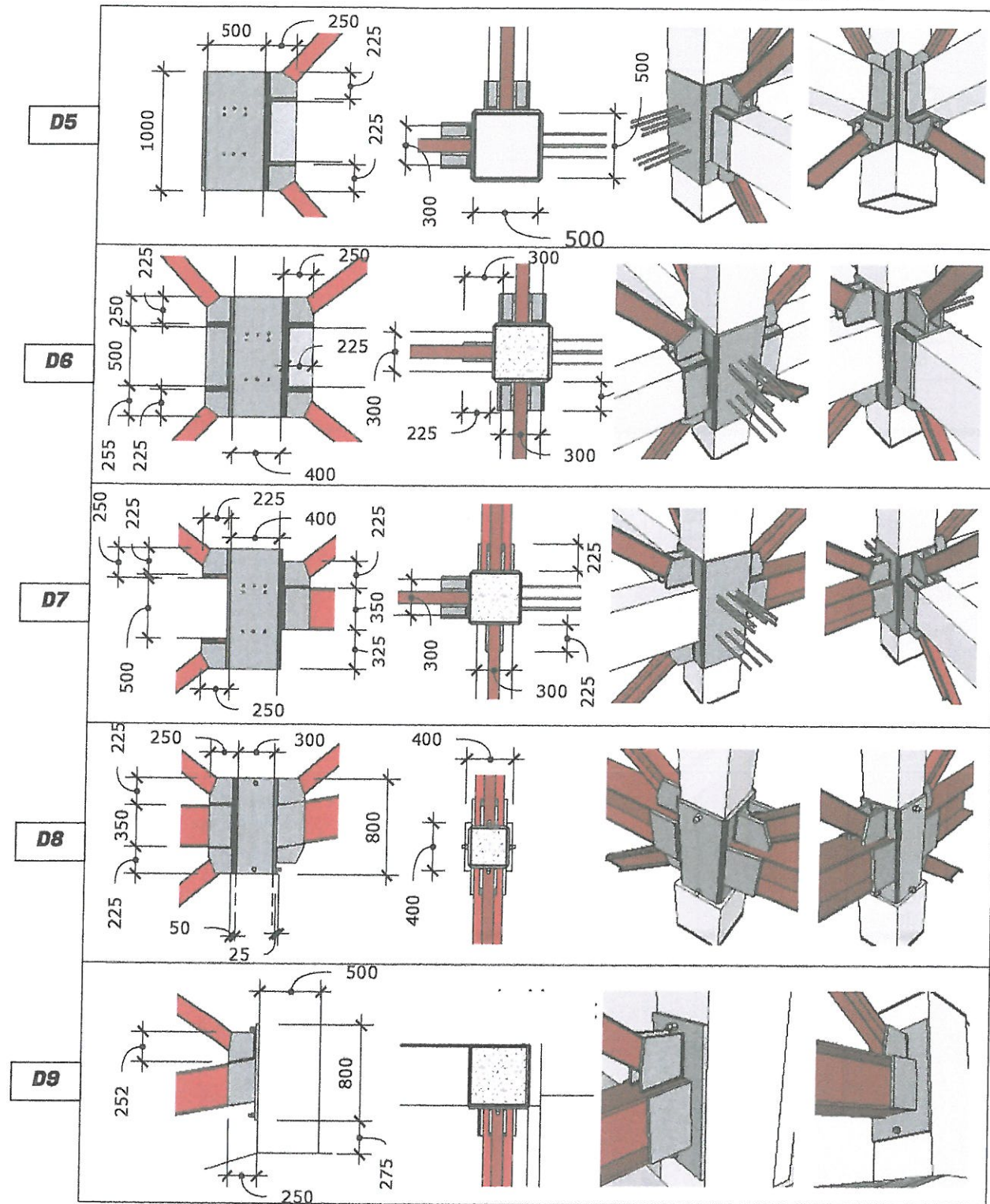
- NOTE:
1. ALL STEEL CONNECTIONS ARE TO BE FULLY WELDED WITH E70XX ELECTRODE
 2. ALL STEEL PLATES TO BE USED ON JOINTS ARE 25 MM THICK PLATES AND ARE TO BE BEVELED IF POSSIBLE TO ACHIEVE BETTER CONNECTION.
 3. 10 MM THICK STIFFENER PLATES ARE TO BE PLACED AT A MAXIMUM INTERVAL OF 1200 MM
 4. THICKNESS OF WELD SHALL BE AS THICK AS THE STEEL PLATE BEING WELDED.
 5. THE SPACE BETWEEN THE STEEL PLATE AND CONCRETE MUST BE FILLED WITH EPOXY GROUT (WITH A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI)
 6. ALL PORTRUDING REBARS WILL PASS THROUGH THE STEEL PLATES AND SHALL BE PAINTED WITH RED OXIDE.
 7. ALL WELDS AND STEEL RETROFIT SHALL BE PAINTED WITH RED OXIDE

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PROJECT LOCATION								
SABLAN, BENGUET								

SIDE VIEW

TOP VIEW

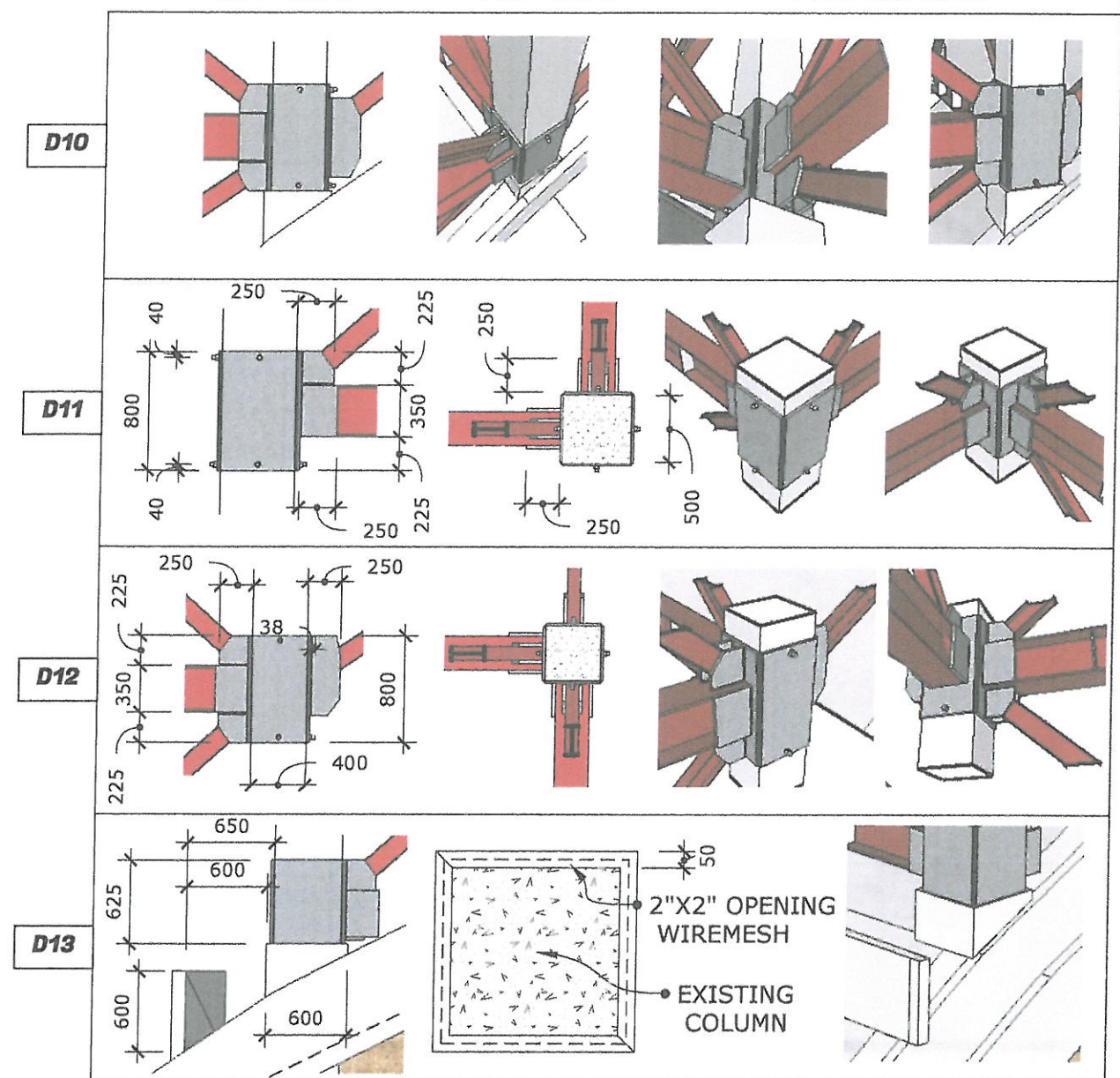
PERPECTIVES



SIDE VIEW

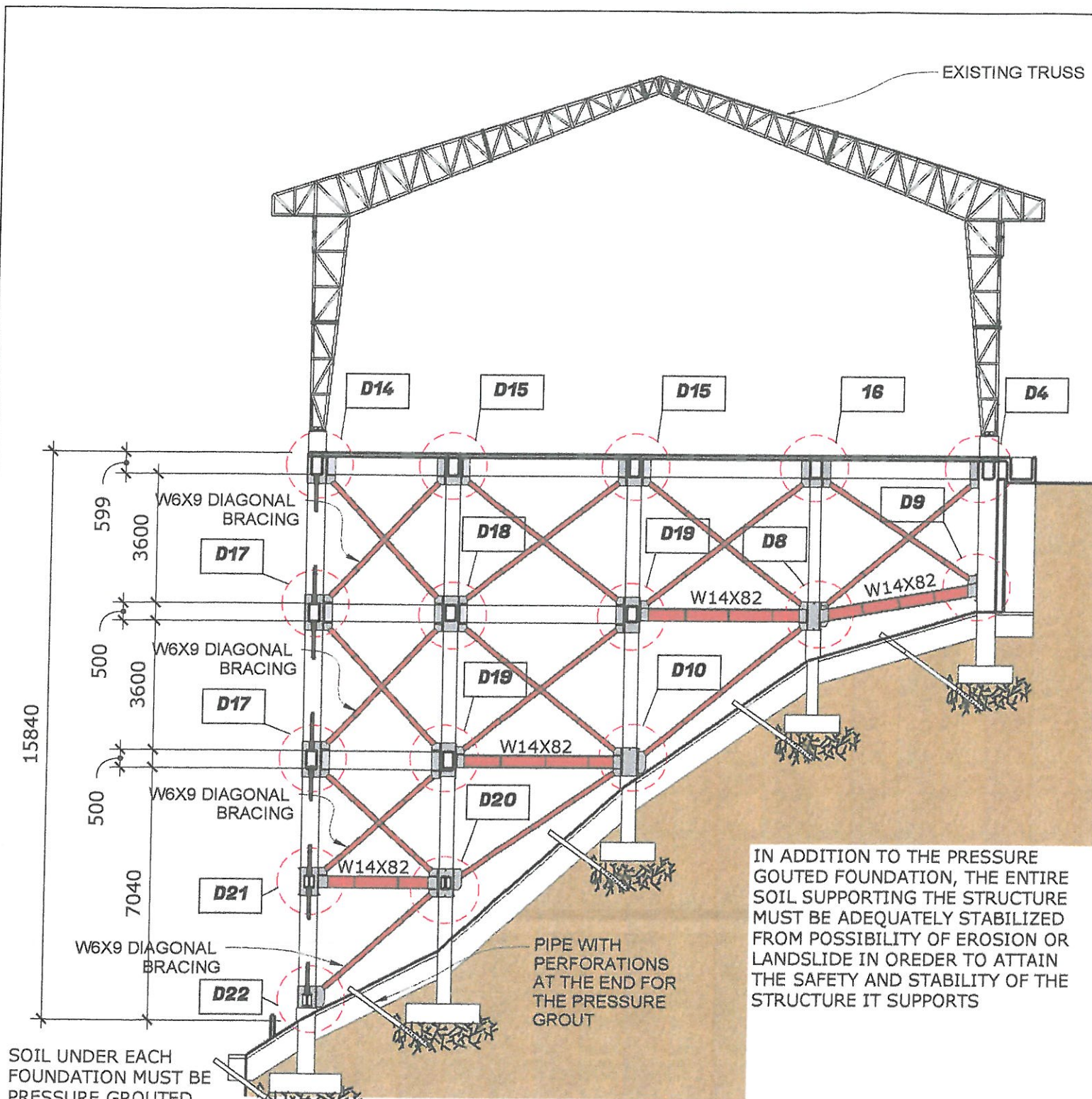
TOP VIEW

PERPECTIVES



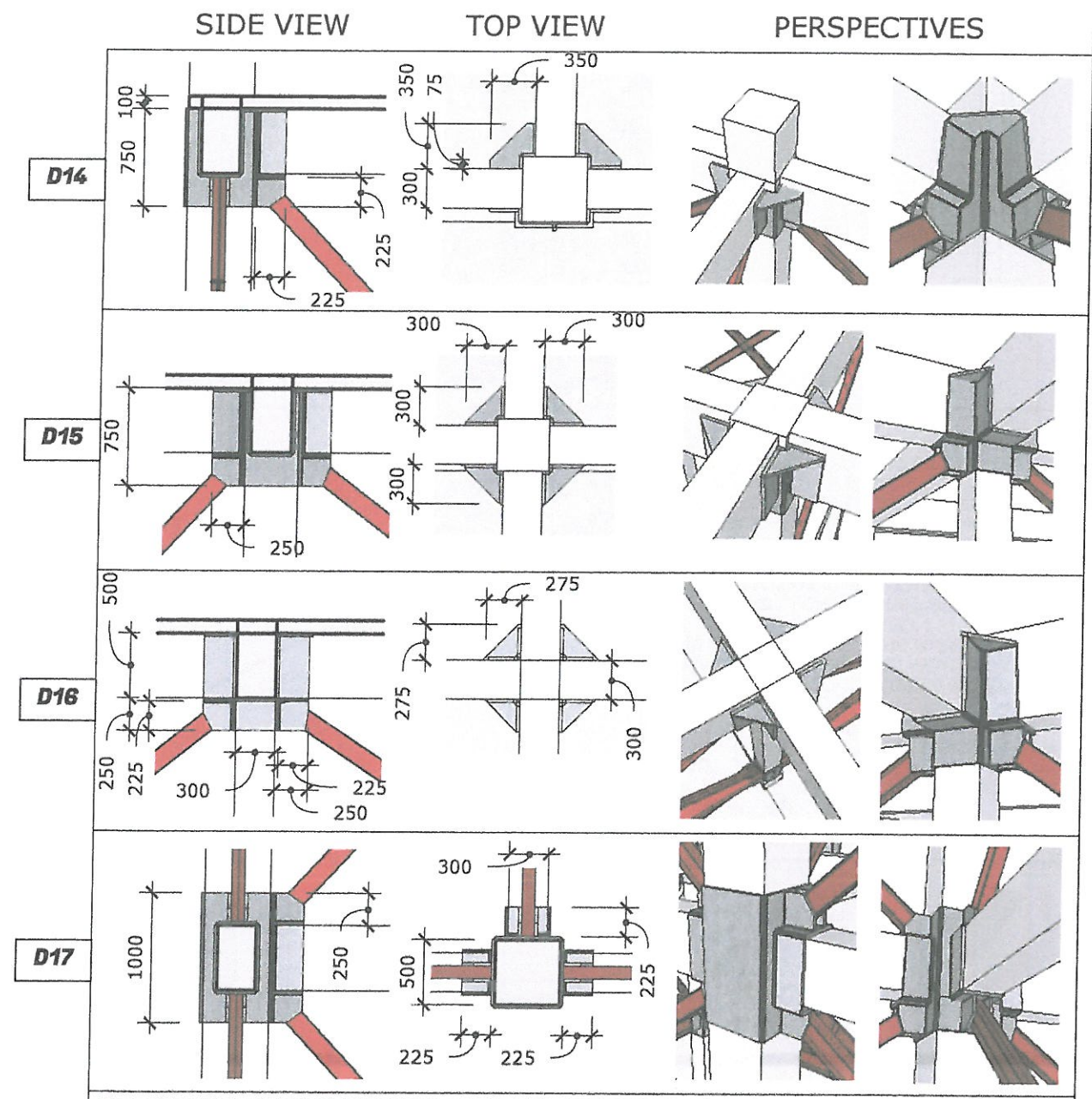
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SABLAN, BENGUET								



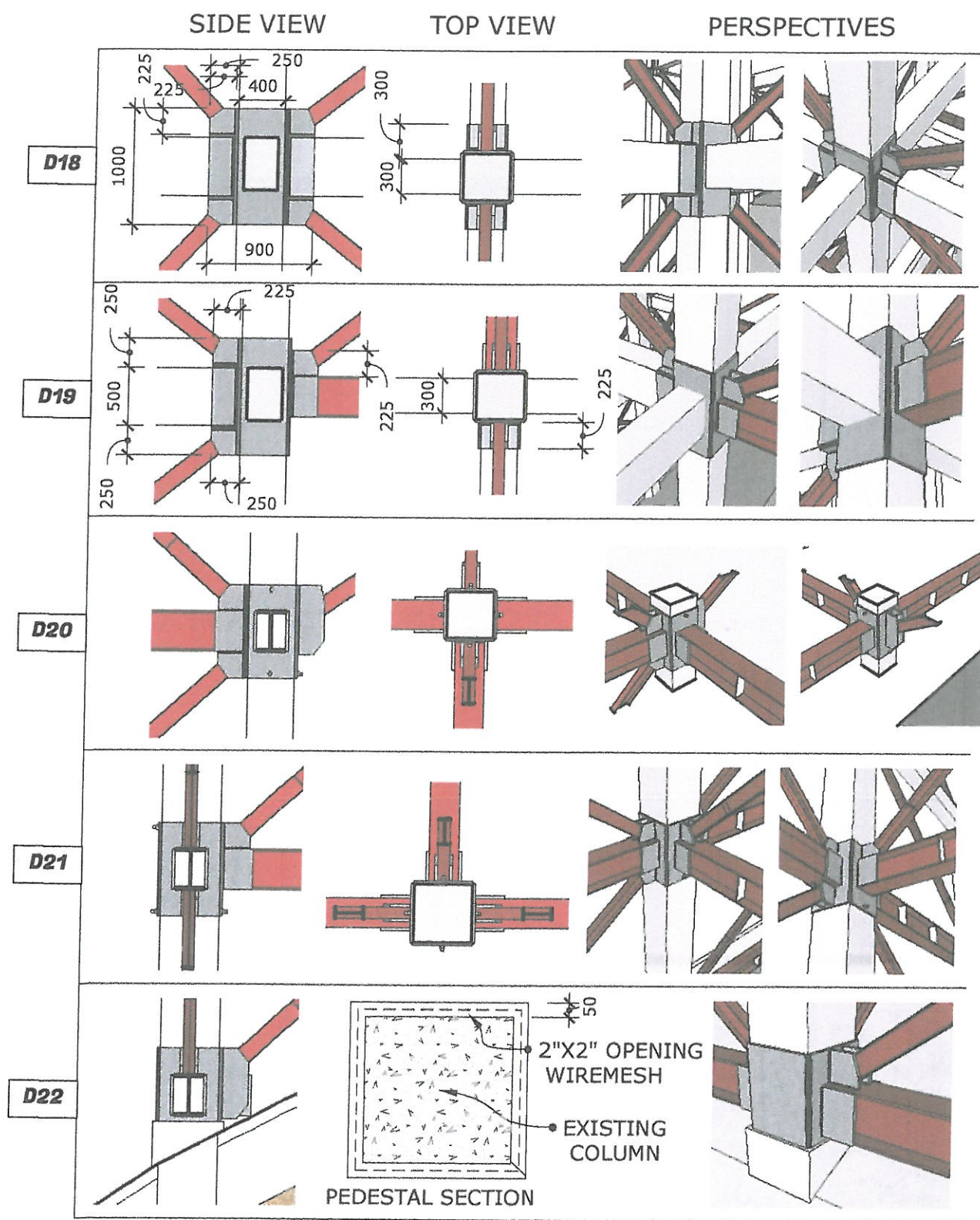
FRAMING ALONG GRID c

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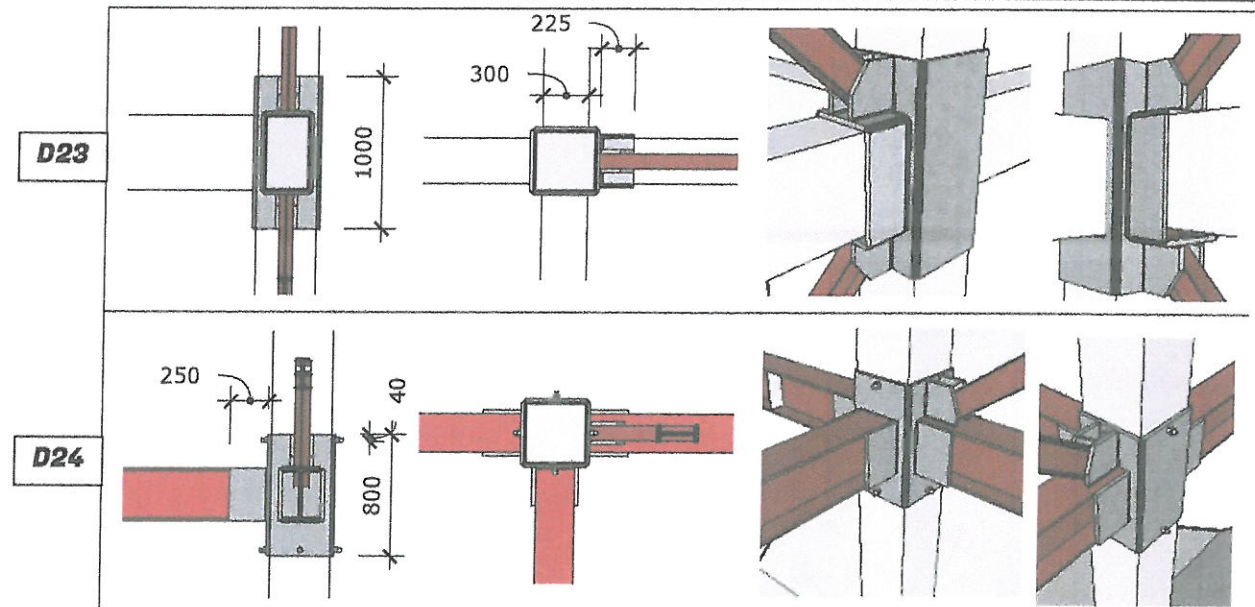
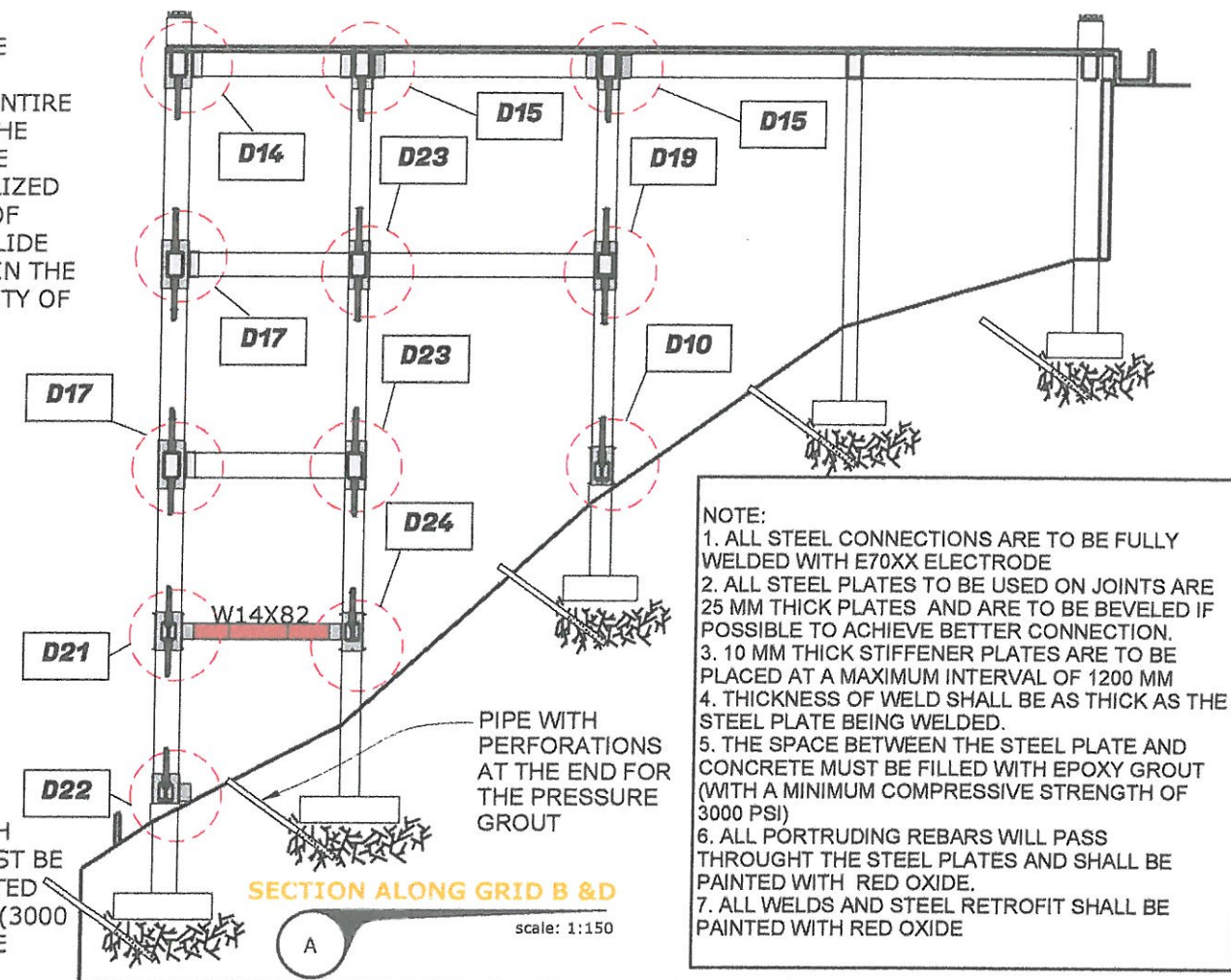
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 7. ALL WELDS AND STEEL RETROFIT SHALL BE PAINTED WITH RED OXIDE

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RRCY COVERED COURT AS BUILT PLAN RETROFIT	 AR. GLYXTER N. RUDIO AO I, BGMS Head	 RONILO R. FLORES OIC - Chief Admin Division	 ENRIQUE H. GASCON JR. DIR III/ ARD for Administration	 LEO L. QUINTILLA Regional Director DSWD-CAR	 Engr. Collin Jones C. Tungol PDO II	STRUCTURAL ENGINEERS ENGR. JOSE LITO F. BUHANGIN ENGR. RENATO D. TANDOC ENGR. JONEL B. LUCAS		S-7
PROJECT LOCATION								
SABLAN, BENGUET								

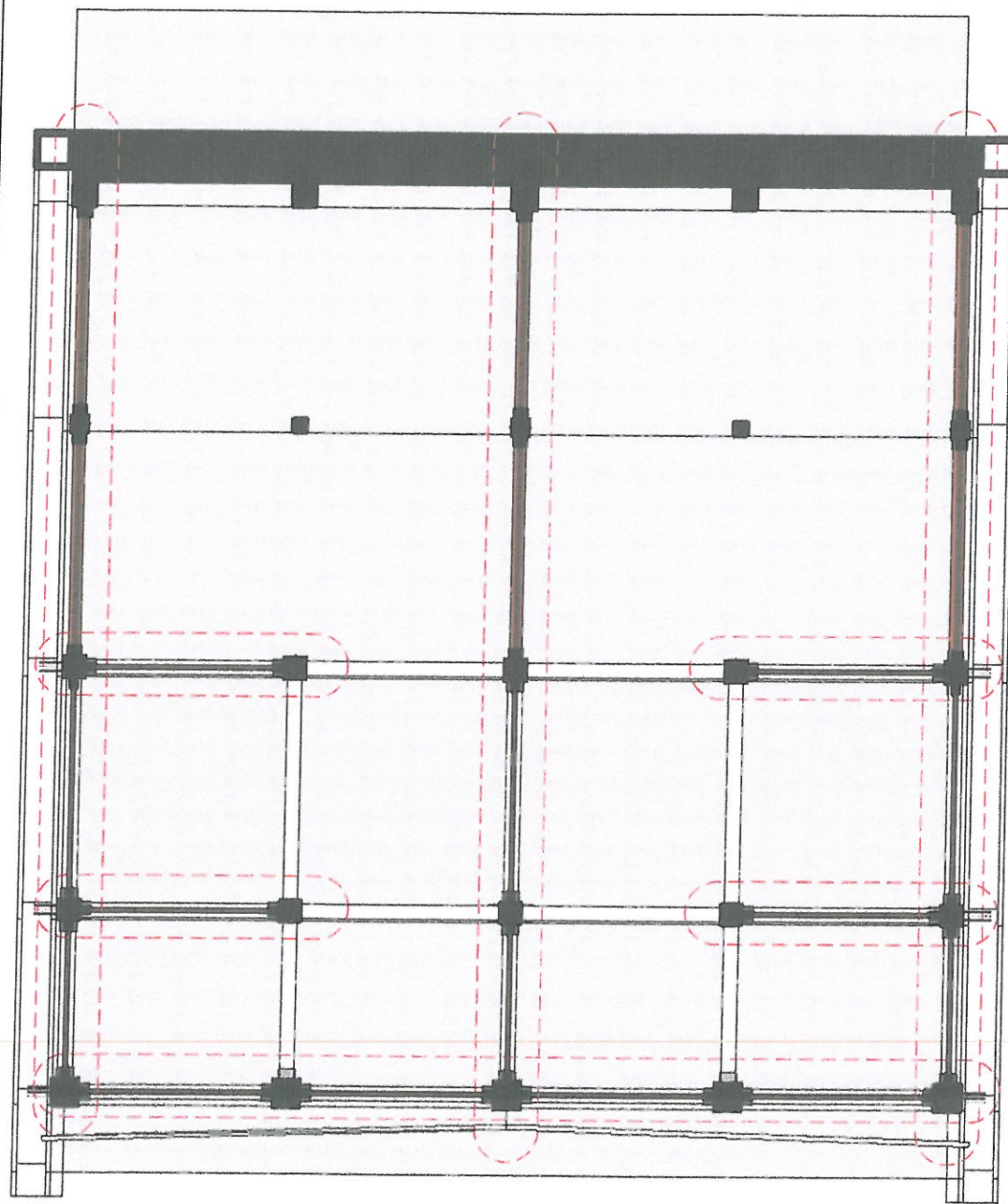


IN ADDITION TO THE PRESSURE GROUTED FOUNDATION, THE ENTIRE SOIL SUPPORTING THE STRUCTURE MUST BE ADEQUATELY STABILIZED FROM POSSIBILITY OF EROSION OR LANDSLIDE IN ORDER TO ATTAIN THE SAFETY AND STABILITY OF THE STRUCTURE IT SUPPORTS

SOIL UNDER EACH FOUNDATION MUST BE PRESSURE GROUTED WITH CONCRETE (3000 PSI COMPRESSIVE STRENGTH)



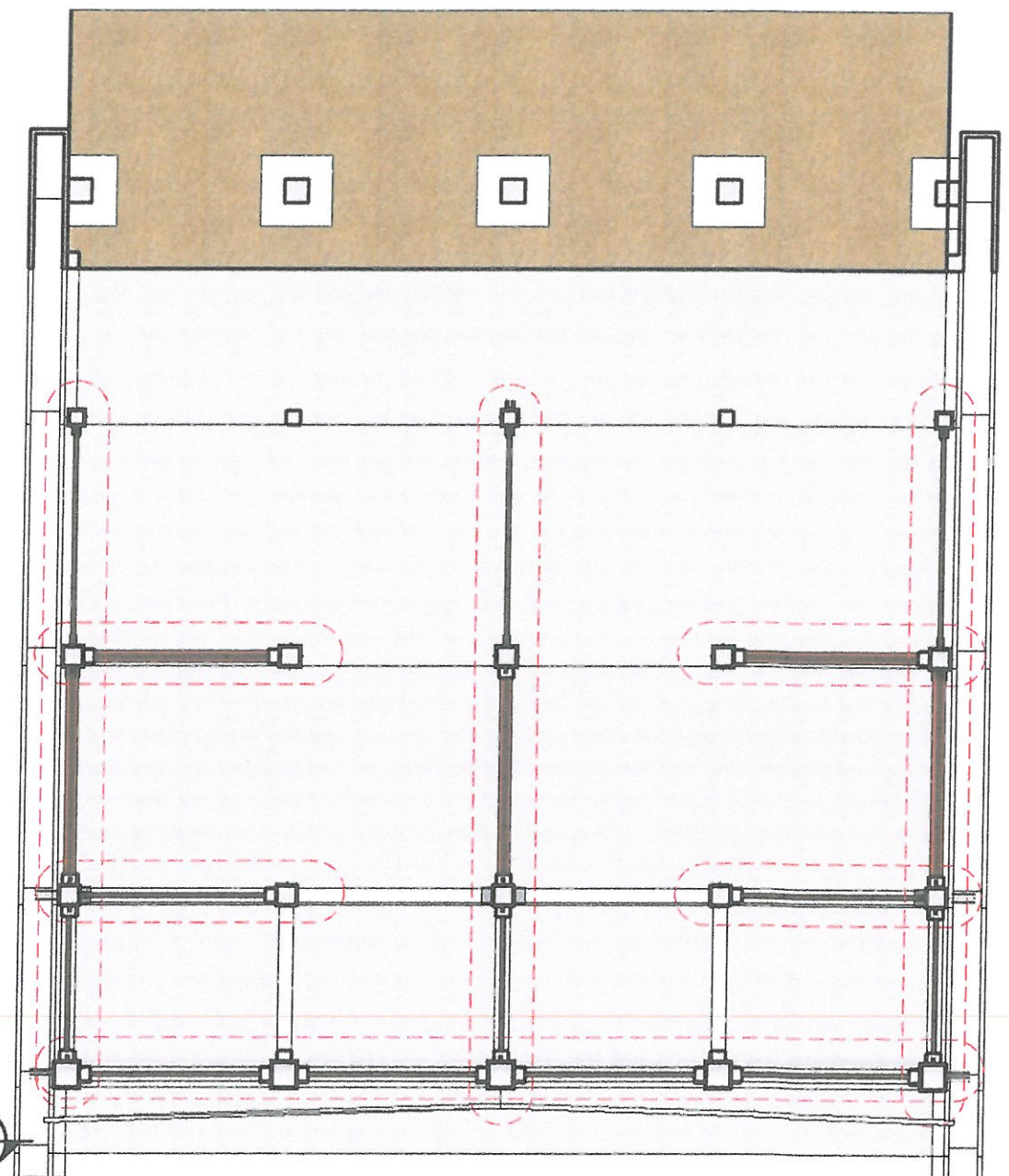
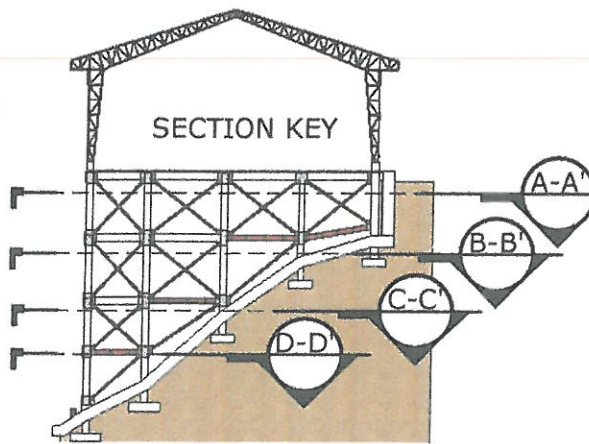
PROJECT TITLE	REVIEWED BY	REVIEWED BY	RECOMMENDING APPROVAL	APPROVAL	APPROVAL	DESIGNER	CONTENTS	SHEET
RRCY COVERED COURT AS BUILT PLAN RETROFIT	AR. GLYXTER N. RUDIO AO I, BGMS Head	RONILO R. FLORES OIC - Chief Admin Division	ENRIQUE H. GASCON JR. DIR III/ ARD for Administration	LEO L. QUINTILLA Regional Director	Engr. Collin Jones C. Tungol	ENGR. JOSELITO F. BUHANGIN ENGR. RENATO D. TANDOC ENGR. JONEL B. LUCAS	SECTION AND DETAIL	S-8
PROJECT LOCATION								
SABLAN, BENGUET								
				DSWD-CAR	PDO II			



SECTION A-A'
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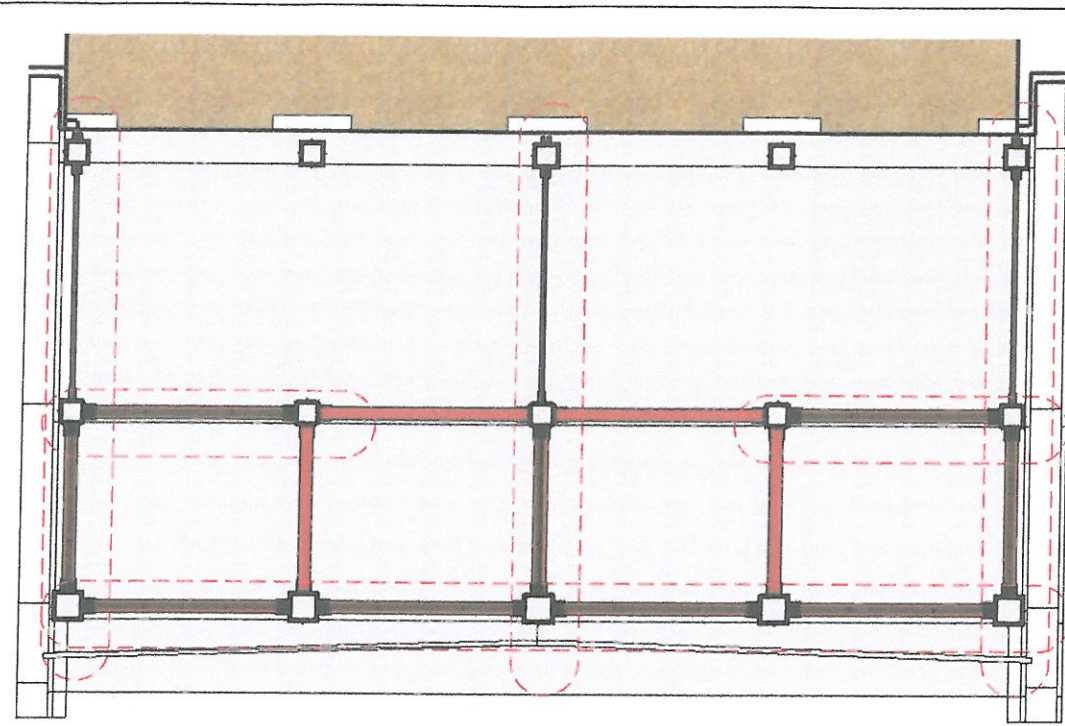


FRAMES ENCLOSED WITH THIS DASHED LINE SHALL BE RETROFITTED WITH STEEL SECTIONS

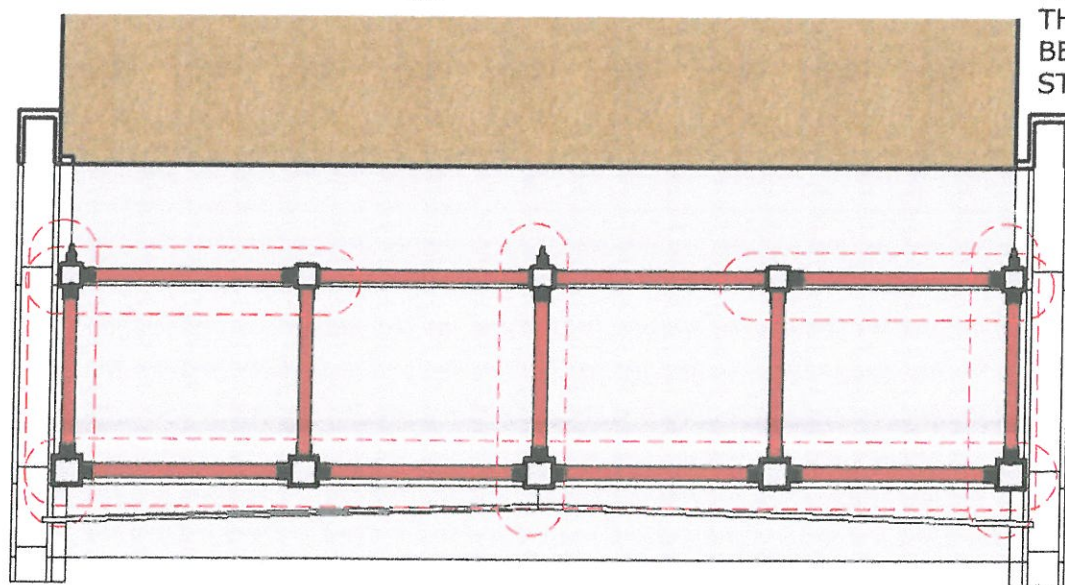


SECTION B-B'
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PROJECT TITLE	REVIEWED BY	REVIEWED BY	RECOMMENDING APPROVAL	APPROVAL	APPROVAL	DESIGNER	CONTENTS	SHEET
RRCY COVERED COURT AS BUILT PLAN RETROFIT	 AR. GLYXTER N. RUDIO AO I, BGMS Head	 RONILO R. FLORES OIC - Chief Admin Division	 ENRIQUE H. GASCON JR. DIR III/ ARD for Administration	 LEO L. QUINTILLA Regional Director DSWD-CAR	 Engr. Collin Jones C. Tungol PDO II	STRUCTURAL ENGINEERS ENGR. JOSELITO F. BUHANGIN ENGR. RENATO D. TANDOC ENGR. JONEL B. LUCAS	SECTION PLAN	S-9
PROJECT LOCATION								
SABLAN, BENGUET								

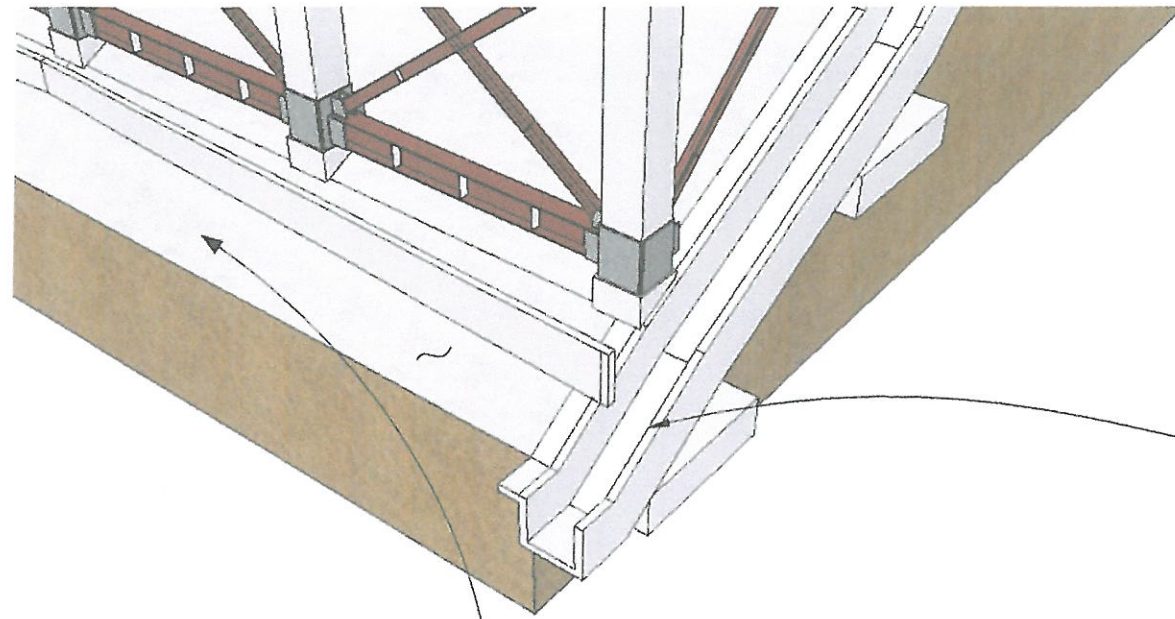


SECTION C-C'
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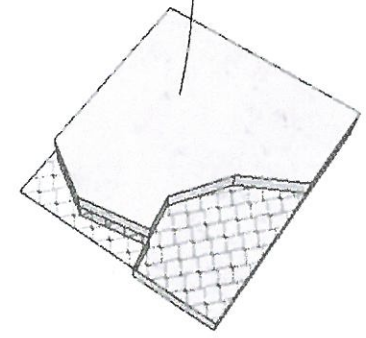


SECTION D-D'
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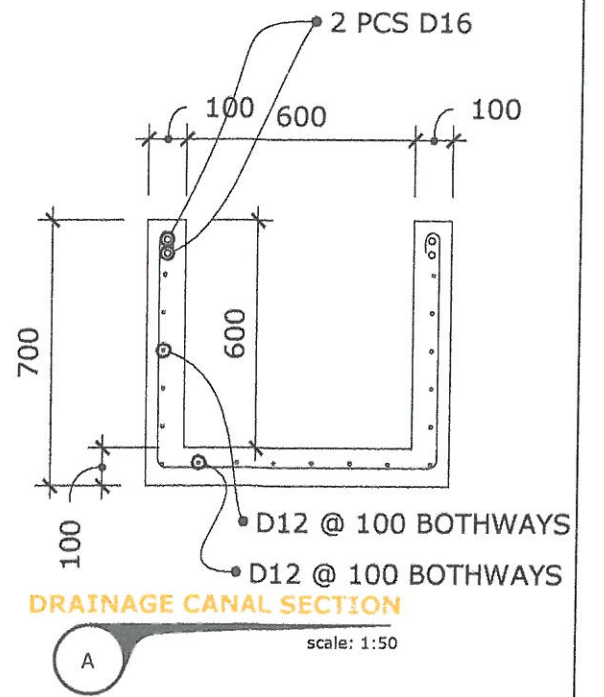
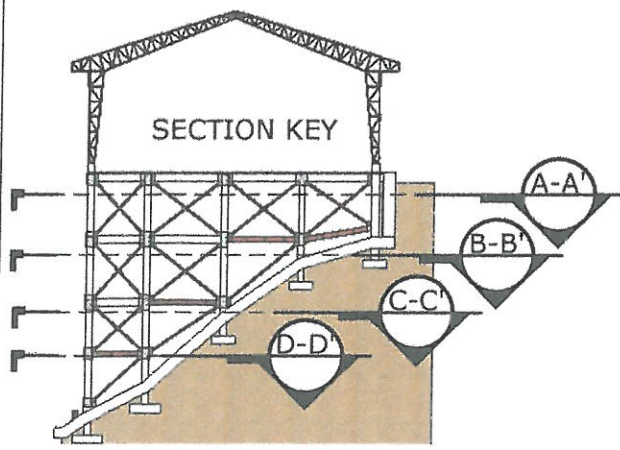
FRAMES ENCLOSED WITH THIS DASHED LINE SHALL BE RETROFITTED WITH STEEL SECTIONS



DRAINAGE CANAL

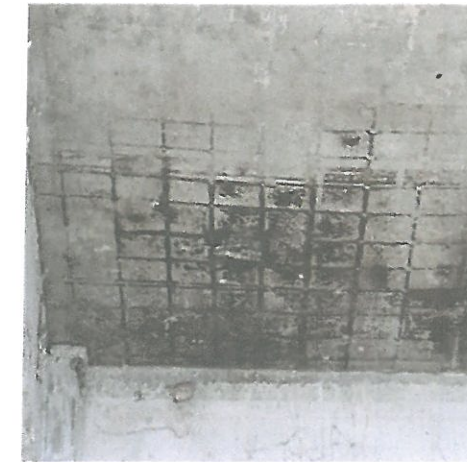


100 MM THICK CONCRETE WITH 2"X2" WIRE MESH REINFORCEMENT ON THE SURFACE OF THE SOIL



DRAINAGE CANAL SECTION
A scale: 1:50

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PROJECT LOCATION								
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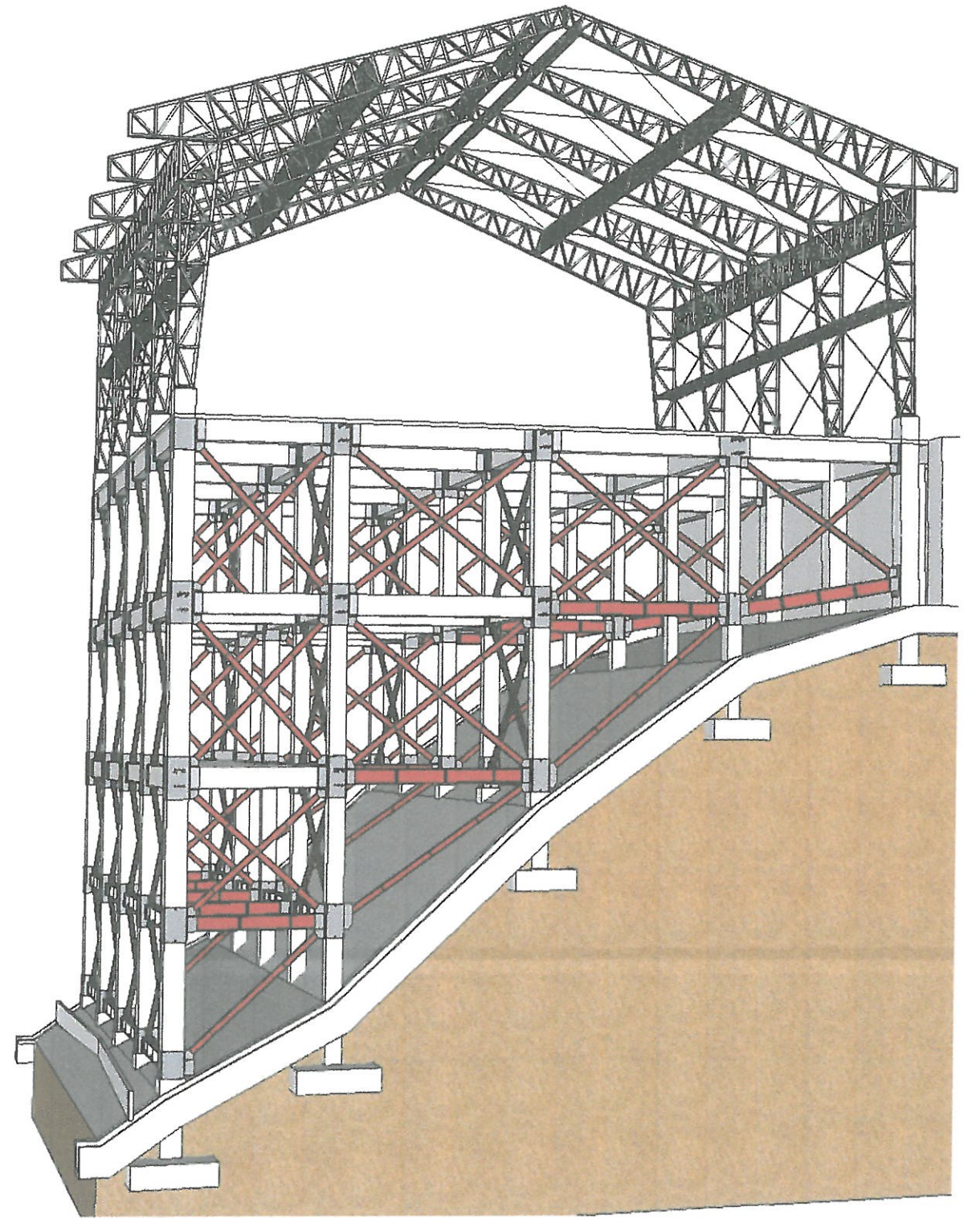
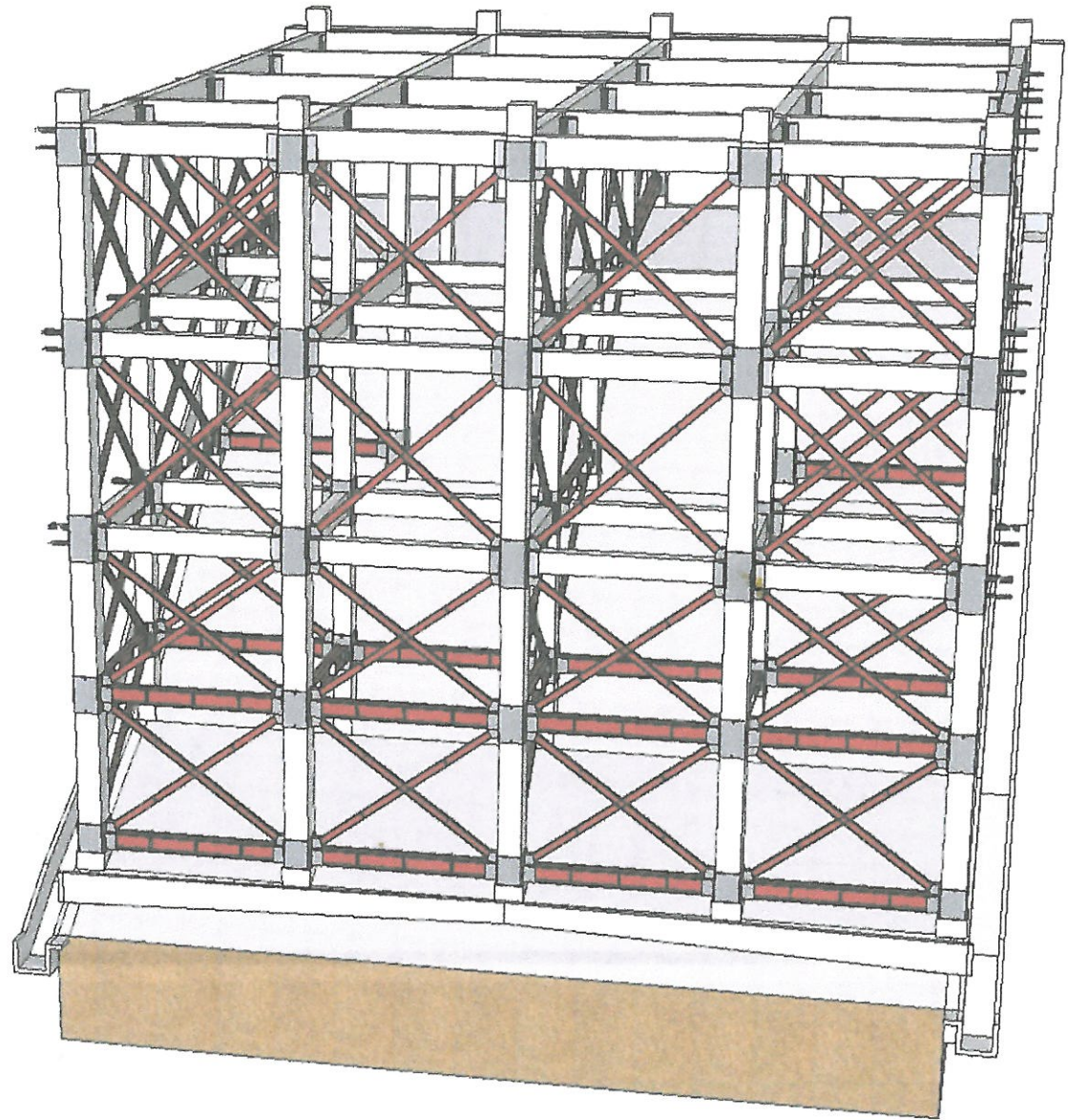
NOTE:
 1. REMOVE RUST ON EXPOSED REBAR USING STEEL BRUSH AND RUST CONVERTER
 2. COVER EXPOSED REBAR WITH EPOXY THEN APPLY 1" THICK PLASTER REINFORCED WITH 1"X1" OPENING WIRE MESH.


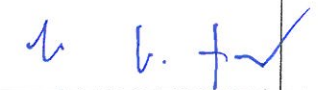

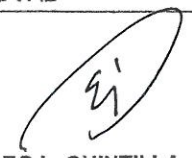


NOTE:
 1. MAIN BEAM REBARS SHALL PASS THROUGH THE STEEL PLATE JACKET WRAPPING THE FRAME JOINT.
 2. THE SPACE BETWEEN STEEL PLATE AND CONCRETE MUST BE EPOXY GROUTED (3000 PSI MINIMUM COMPRESSIVE STRENGTH)



NOTE ON PORTRUDING SLAB REBAR
 1. RUST ON PORTRUDING SLAB REBAR IS TO BE REMOVED
 2. SLAB REBAR TO BE PAINTED WITH RED OXIDE FOR CORROSION PROTECTION

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PROJECT LOCATION								
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PROJECT LOCATION								

