

STAMPING PAGE - REDLINES & BLUELINES

(1) CONTRACTOR STAMPS	<div style="border: 1px solid red; padding: 5px; margin-bottom: 5px;"> MCS property REDLINE / "AS-CONSTRUCTED" Print name: ODONCHIMEG BUKHBAATAR Signature: Rev. 1R1 Date: 2020.11.12 Package No: C003B /CW2107475/ Site instruction No: N/A Change <input type="checkbox"/> No Change <input checked="" type="checkbox"/> </div>							
(2) EMPC STAMPS - (FE/CONST.)	REV. 1R1	REV.						
	<div style="border: 1px solid red; padding: 5px; margin-bottom: 5px;"> JACOBS RED-LINE CONSTRUCTION Date: Signature: 1 Name: FIELD ENGINEER Date: Signature: Name: 2 PACKAGE: C-003B CONTRACTOR: MCS Property CHANGE <input type="checkbox"/> NO CHANGE <input checked="" type="checkbox"/> </div>							
(3) COMMISSIONING (STAMPS)	REV.	REV.	REV.	REV.	REV.	REV.	REV.	REV.

NOTE 1: START ADDING STAMPS - FROM LEFT TO RIGTH

NOTE 2: IN THE CASE THAT MORE SPACES FOR STAMPS ARE NEEDED, ADD AN ADDITIONAL STAMPING PAGE TO THE PDF

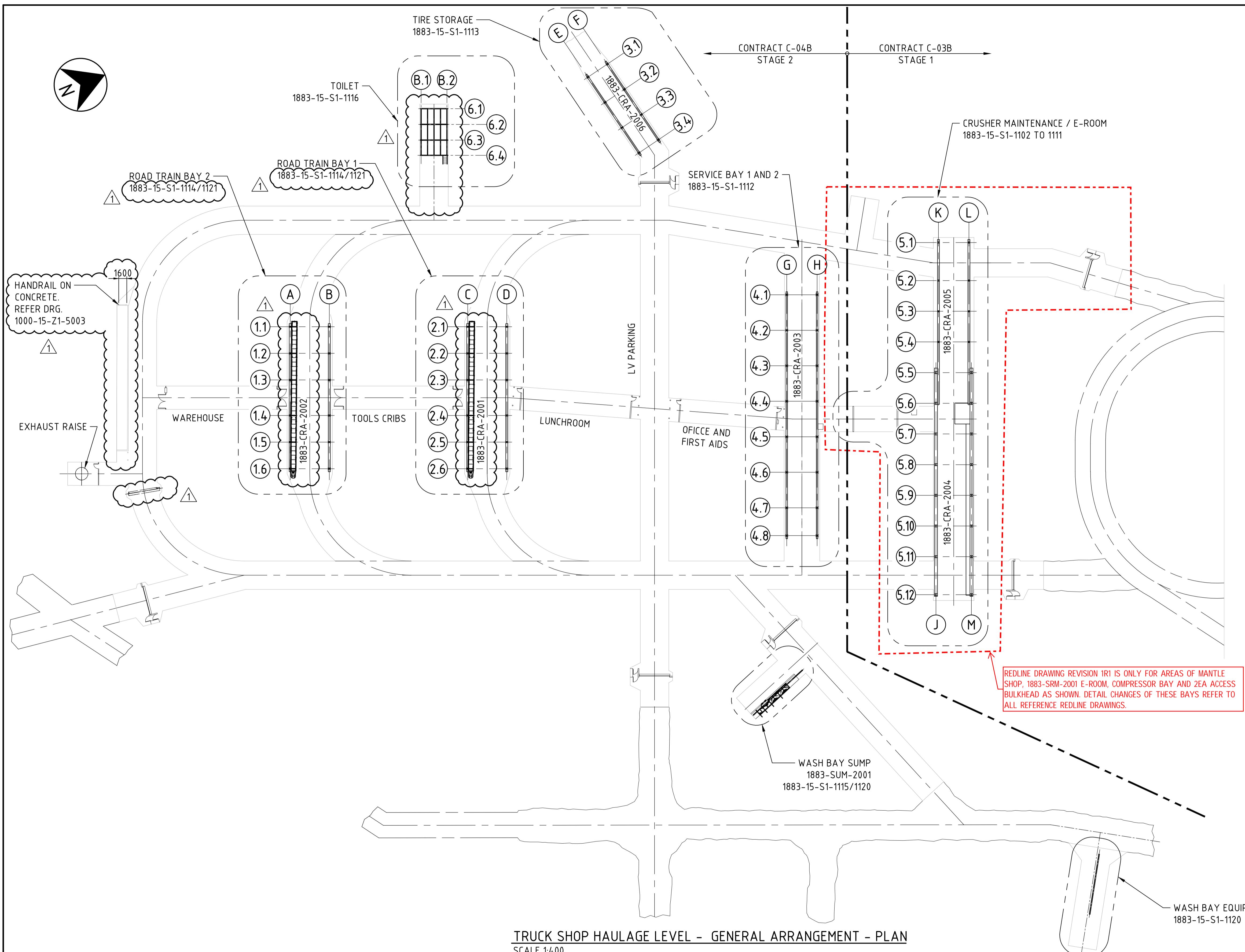
NOTE 3: STAMPING PAGE MUST BE FIRST PAGE OF THE DOCUMENT

NOTE 4: OT. DOC NUMBER MUST BE THE SAME NUMBER THAN THE DOCUMENT TO BE REDLINED (MANDATORY)

NOTE 5: FIELD ENGINEERING TEAM TO DEFINE REVISIONS ON EACH ON EACH BLOCK - SECTION (2)

OT DOC. NUMBER 1883-15-S1-1101

FORM: 0000-01-FRM-1112_0



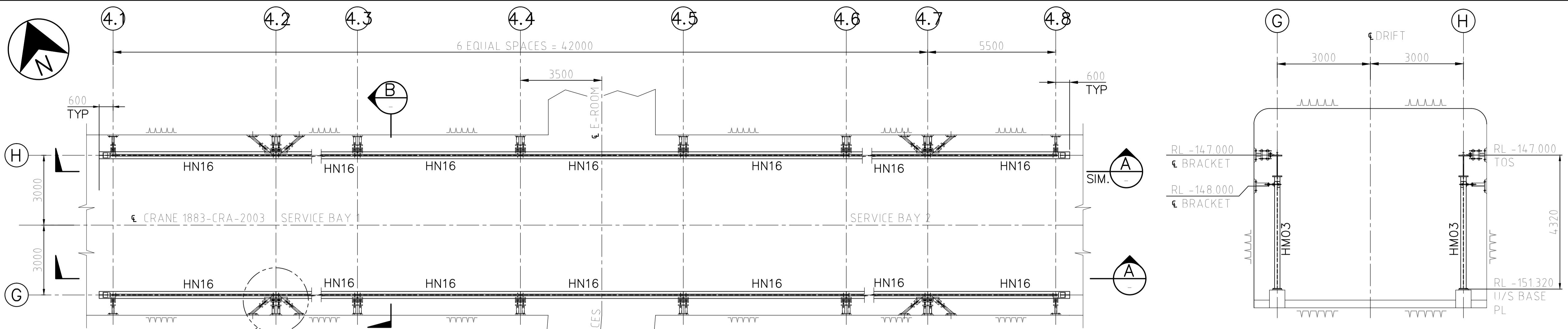
CAUTION - PROJECT DRAWING - NOT AS BUILT



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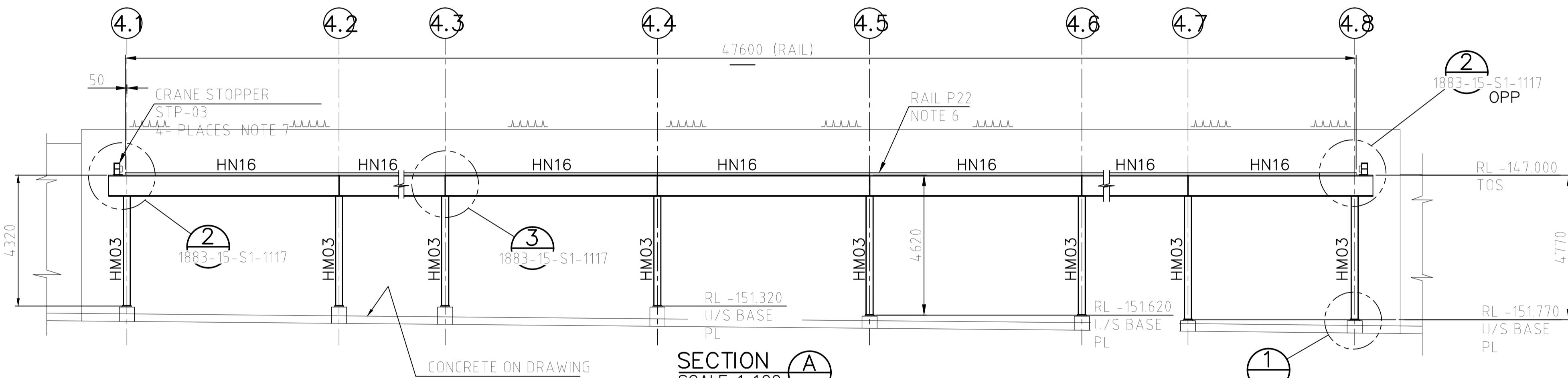
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Мэдгэлдэл: Энэхүү баримт бичиг эсхүл түүний хэсэг, хавсралт-т үзүүлсан, харуулсан, агуулжсан, мөн энэхүү баримт бичгээр ил тавьсан зураг, төвлөгөө, загвар, дизайн болон бусад аливаа мэдээллийг Оюу Толгои ХХК эмчлэх бөгөөд Оюу Толгои ХХК-ийн ӨМН мөн. Иймээс эдгээр мэдээллийг нь зөвхөн Оюу Толгои ХХК-ийн доотод хяргаццэн зориулагдсан бөгөөд Оюу Толгои ХХК-ийн бичигнээс шинвээрхүйгээр эдгэрээр мэдээллийг аливаа хэлбэрээр хуулбарлах, хувилан олшруулах эсхүл эдгээр мэдээлэлд нэвтрэх эрхийг аливаа бусад этгээдэд өгөхийг хатуу хориглоно. Эдгээр нөхцлийн [Бодитор зөрчсөн эсхүл зөрчихийг оролдсон] аливаа зөрчид хуулийн хариуцлага хулээгэх бөгөөд боломжит бүх хууль эрх зүйн арга хэмжээ авах эрхээ Оюу Толгои ХХК хадгалана.



SERVICE BAY CRANE BEAMS RL-147.000 TOS – PLAN

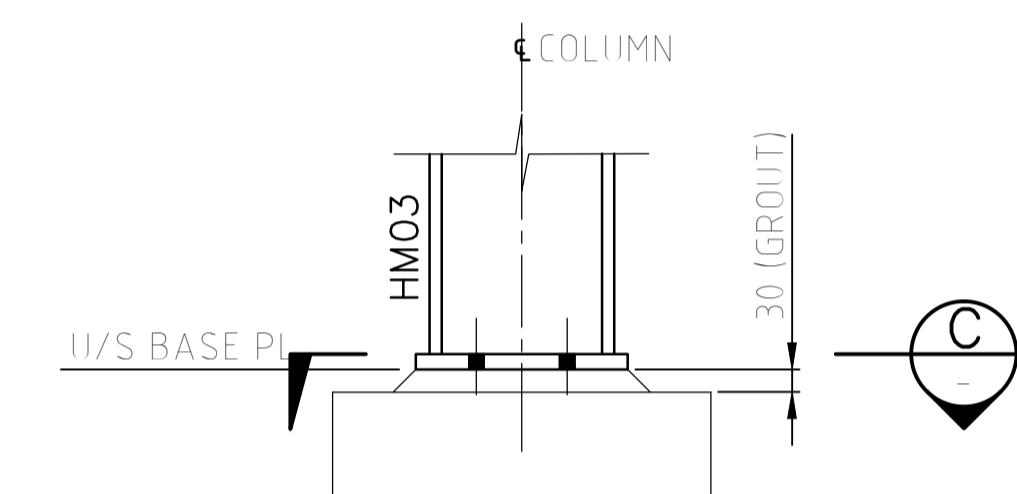
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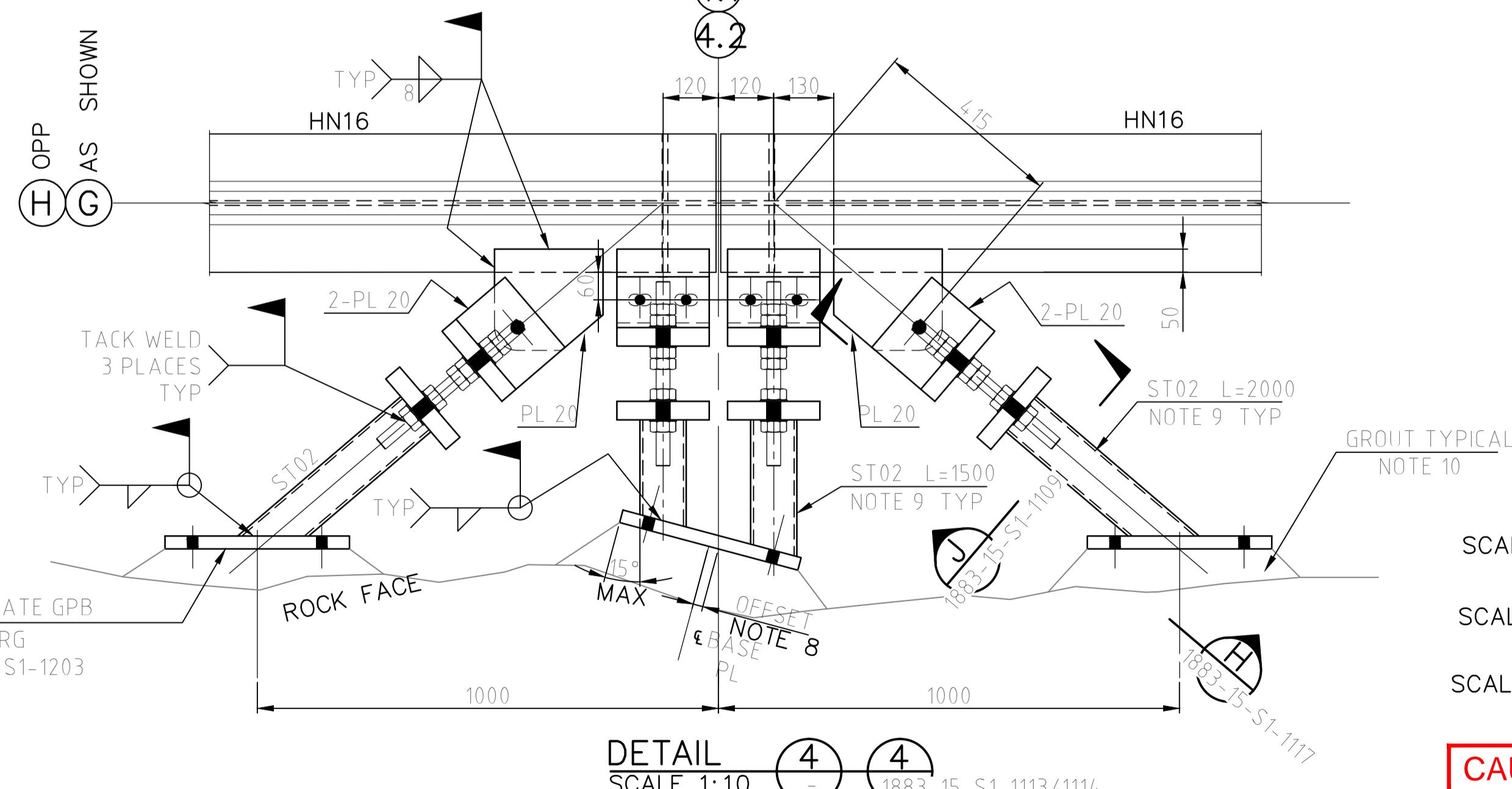
SECTION A
SCALE 1:100



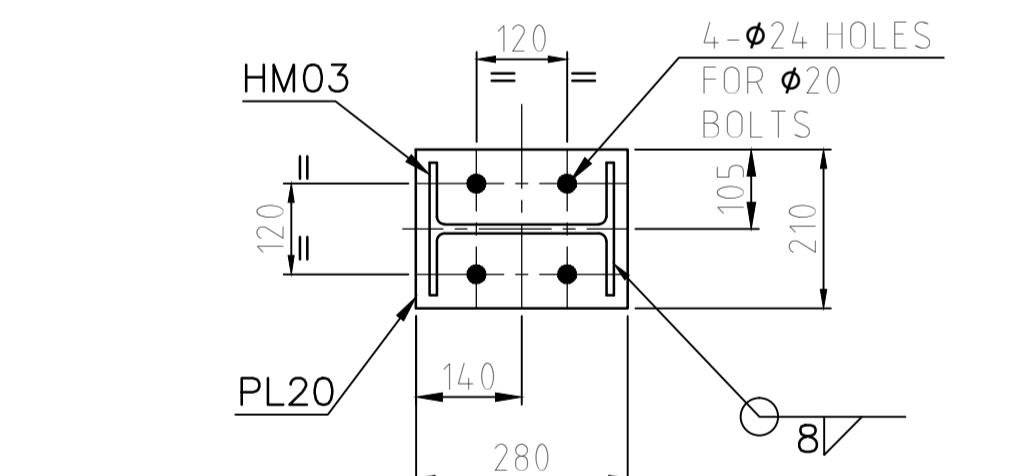
SCALE 1: /



DETAIL
SCALE 1:10



DETAIL 4 4
SCALE 1:10 - 1883-15-S1-1113/1114



SECTION C
SCALE 1:10

A scale bar labeled "SCALE 1:(100) 0 200 400 600 800 1000mm". The scale is marked at intervals of 200 units, starting from 0 and ending at 1000 mm.

SCALE 1:50000 0 1000 2000 3000 4000 6500mm

SCALE 1:(~~50~~)  1000 2000 3000 4000 6000 8000 10000 mm

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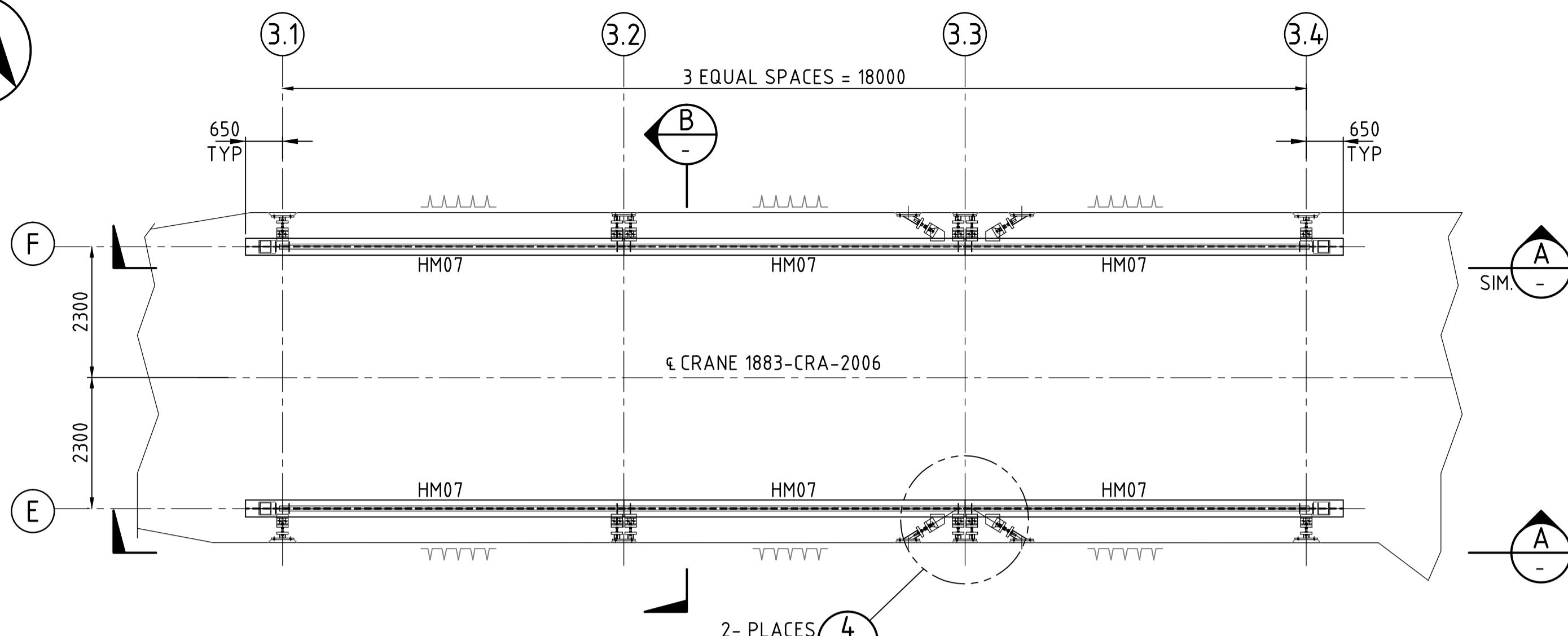
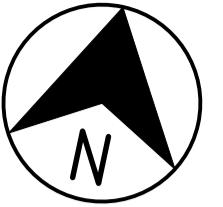
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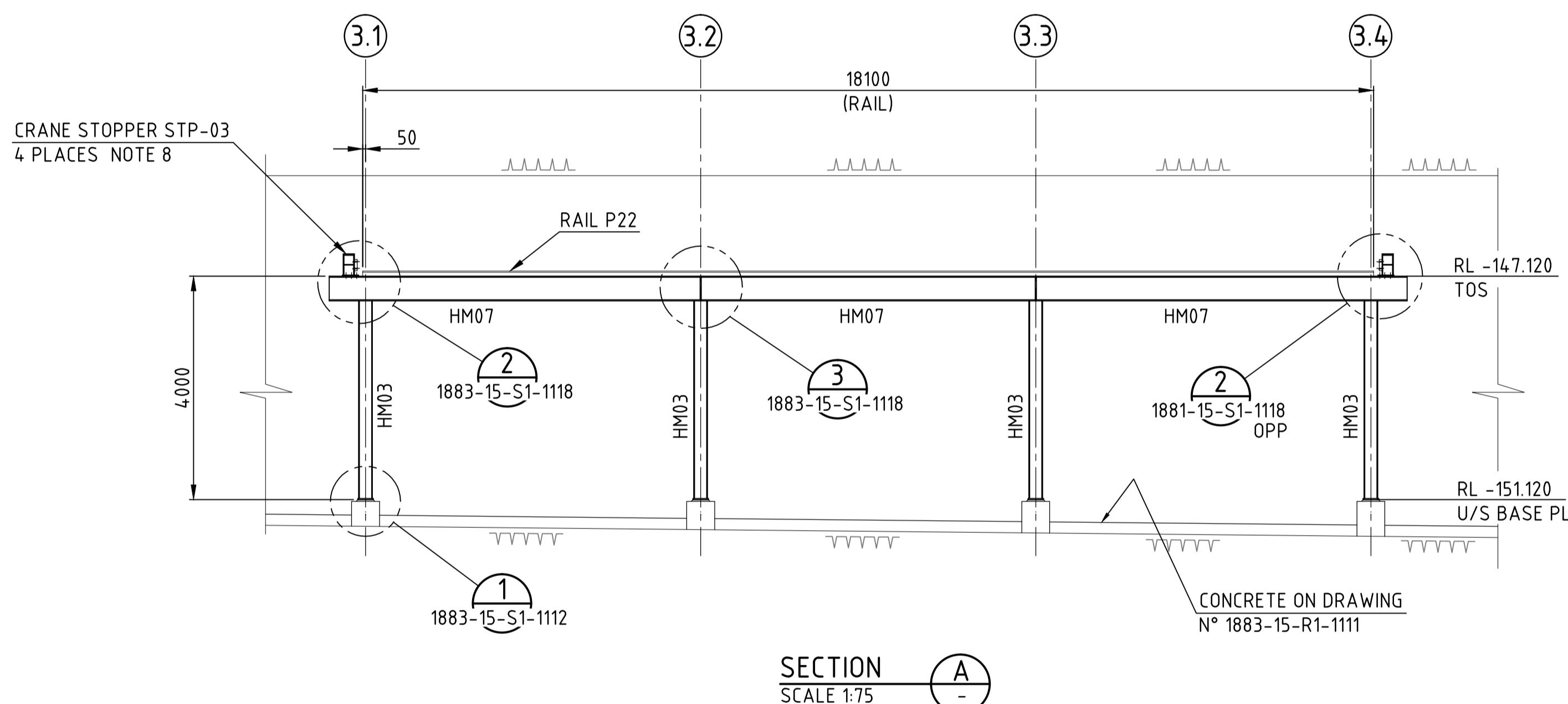
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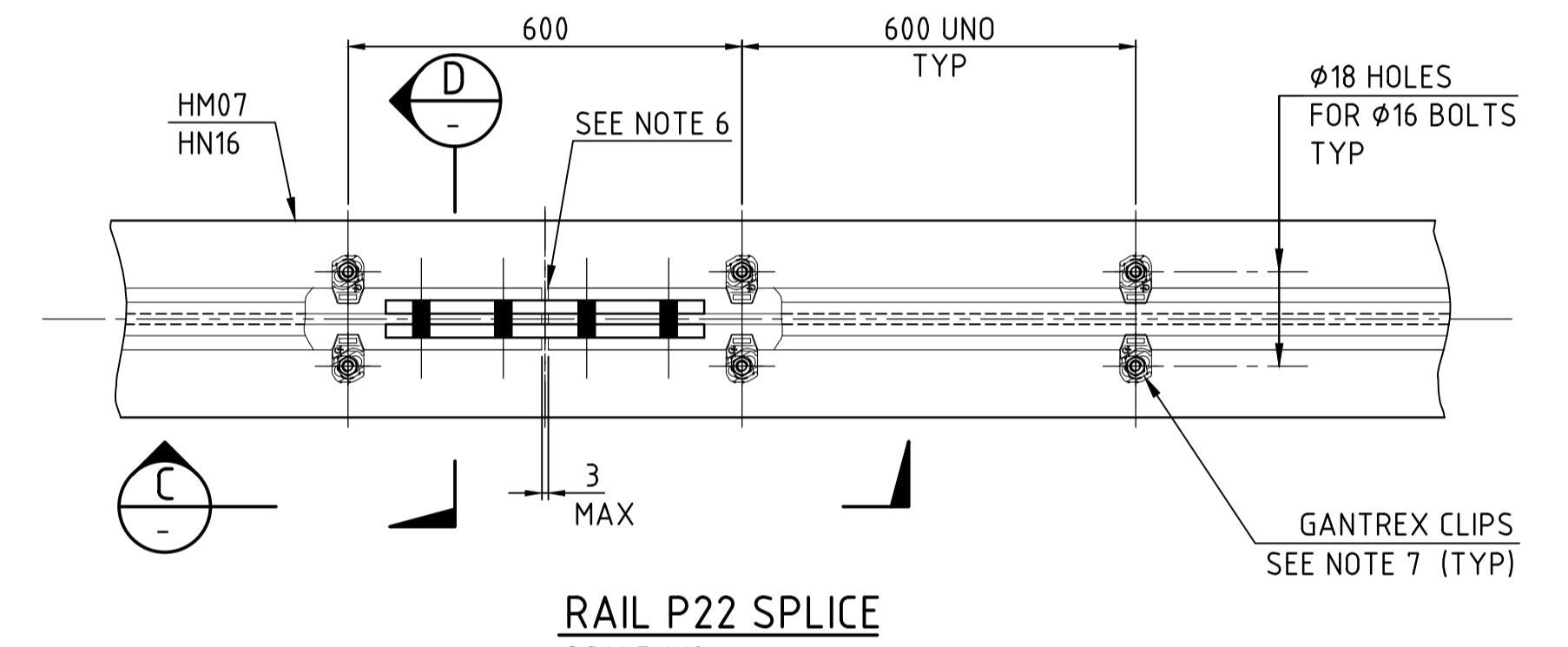
PRODUCED BY	DESIGNED BY S. GOMEZ	DRAWN BY M. LOPEZ	OYB TOLGOI UNDERGROUND PROJECT UNDERGROUND WORKSHOPS TRUCK SHOP HAULAGE LEVEL – SERVICE BAY STEELWORK – PLAN AND SECTIONS		
PROJECT NO SN1809	CHECK DESIGN E. GONZALEZ	CHECK DRAWING M. PARADA			
CONTRACT NO	LEAD ENGINEER F. ALVAREZ	APPROVAL DATE 03.07.18			
DRAWING SIZE A1	AREA PROJECT ENGINEER	ENGINEERING MANAGER E. MARIN			
PLOT SCALE	PROJECT MANAGER	APPROVAL DATE 03.07.18	SCALE	DRAWING NUMBER 1883-15-S1-1112	REV. 0
CAD FILE NAME 1883-15-S1-1112.DWG	CLIENT	APPROVAL DATE	AS SHOWN		



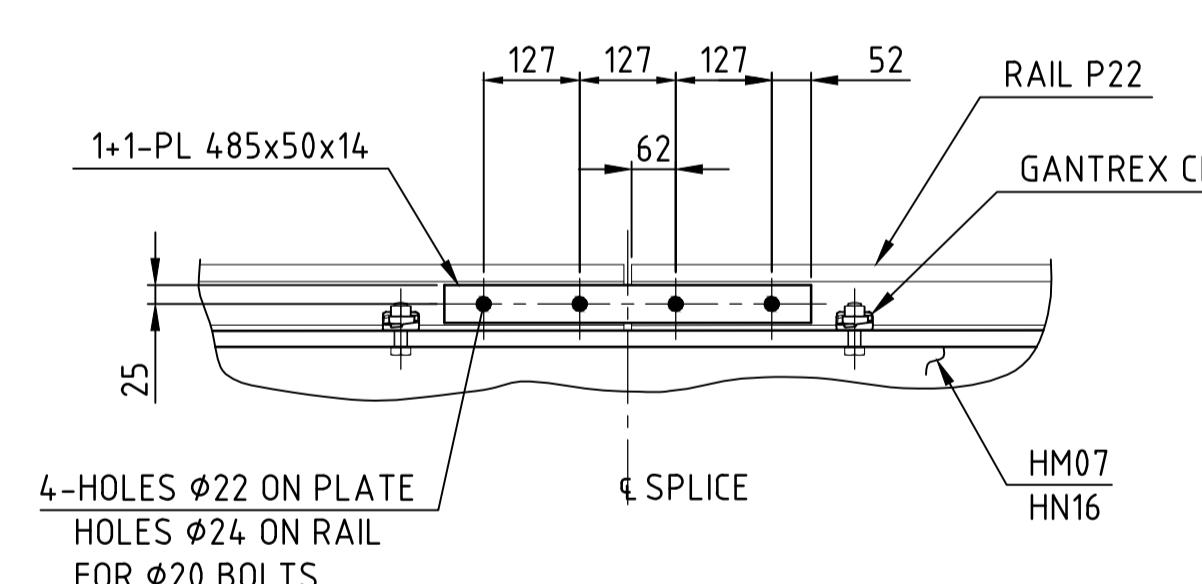
TIRE ROOM CRANE BEAMS RL-147.120 TOS - PLAN
SCALE 1:75



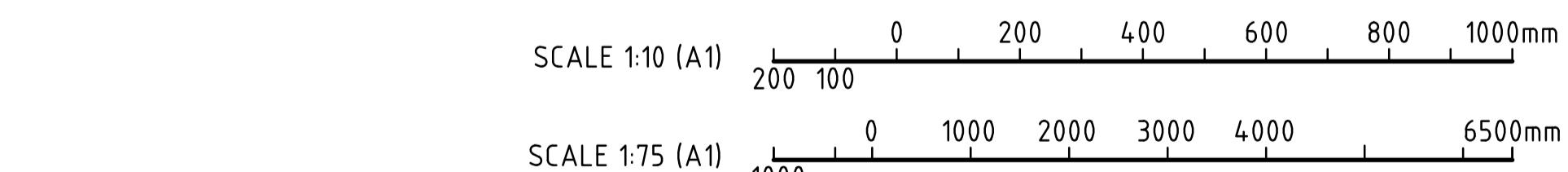
SECTION
SCALE 1:75



RAIL P22 SPLICE



SECTION C
SCALE 1:10



CAUTION - PROJECT DRAWING - NOT AS BUILT



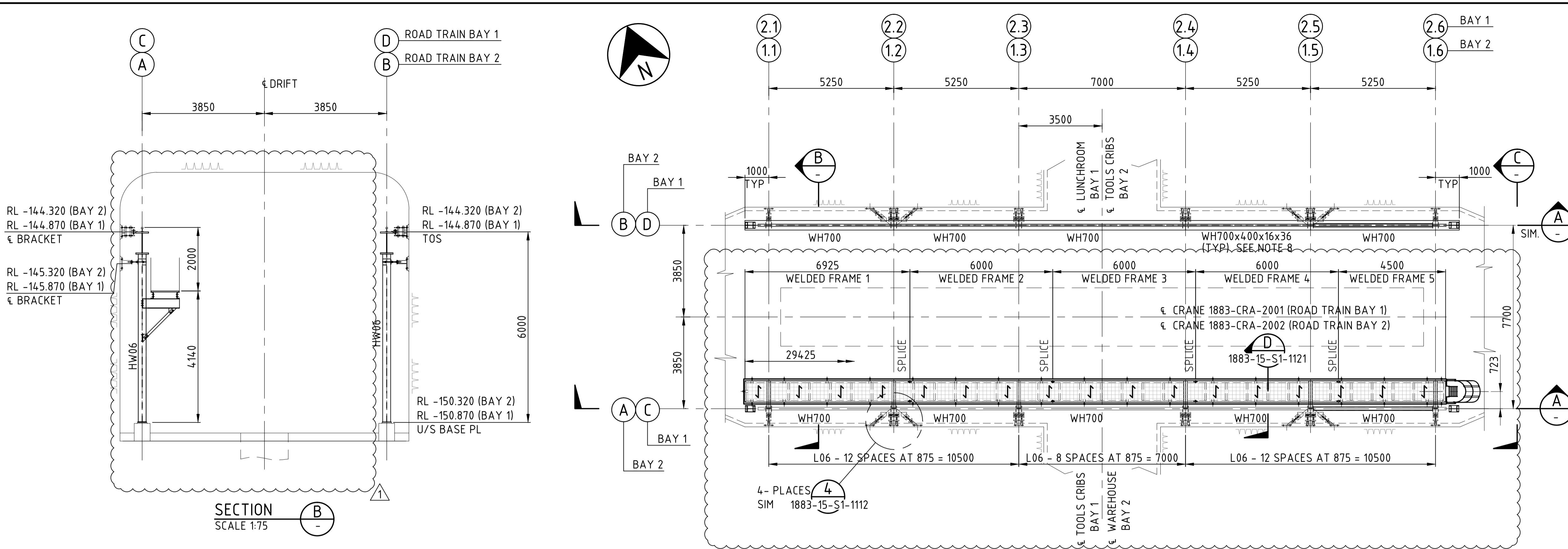
OYU TOLGOI LLC

CONSTRUCTION ISSUE

JACOBS ENGINEERING SINGAPORE PTE LTD
(Registration number 199803266M),
a company incorporated in Singapore and
having its registered office at 50 Raffles
Place #32-01 Singapore Land Tower,
Singapore, 048623 (the offshore Contractor)

- ## NOTES

 1. COORDINATES AND ELEVATIONS IN METRES IN ACCORDANCE WITH OYU TOLGOI GRID SYSTEM (OTGS)
 2. DIMENSIONS EN MILLIMETRES
 3. REFER TO GENERAL NOTES ON DRG N° 1883-15-S1-1101
 4. CRANE RUNWAY GIRDERS WELD INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 5.17 OF AISE TECHNICAL REPORT N°13
 5. CRANE RUNWAY GIRDER AND RAIL ALIGNMENT SHALL COMPLY WITH SECTION 5.18.6 OF AISE TECHNICAL REPORT N°13 AND VENDOR REQUIREMENTS
 6. RAILS JOINTS ON ONE SIDE OF A CRANE RUNWAY SHOULD BE STAGGERED SO THAT THEY DO NOT LINE UP WITH THOSE ON THE OPPOSITE SIDE. THE AMOUNT OF THE STAGGER SHOULD BE AT LEAST 300mm, AND SHOULD NOT BE THE SAME AS THE SPACING OF THE CRANE WHEELS
 7. GANTREX CLIPS BG10/AJ OR APPROVED EQUIVALENT; DISTANCE BETWEEN CLIPS 600 mm MAX (UNO) TO BE SUPPLIED BY STEEL FABRICATOR
 8. STOPPER DETAIL ON DRG N°1883-15-S1-1118



LEGEND

— — — — — MECHANICAL ENVELOPE.
— — — — — MINING EXCAVATION MODEL R.23

STP = DENOTED STOPPER

NOTES

1. COORDINATES AND ELEVATIONS IN METRES IN ACCORDANCE WITH OYU TOLGOI GRID SYSTEM (OTGS)
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 7. GANTREX CLIPS BG15/AI OR APPROVED EQUIVALENT; DISTANCE BETWEEN CLIPS 600 mm MAX (UNO) TO BE SUPPLIED BY STEEL FABRICATOR
 8. SECTION IN ACCORDANCE WITH CHINESE STANDARD YB 3301 "THE WELDED STEEL H-SECTION"
 9. SEE RAILS SPLICE AND FIXING CLIPS ON DRG N°1883-15-S1-1108 TO BE SUPPLIED BY STEEL FABRICATOR. MAXIMUM RAIL LENGTH 6 M
 10. STOPPER DETAIL ON DRG N°1883-15-S1-1118

CONSTRUCTION ISSUE

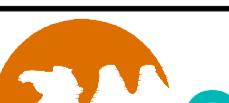
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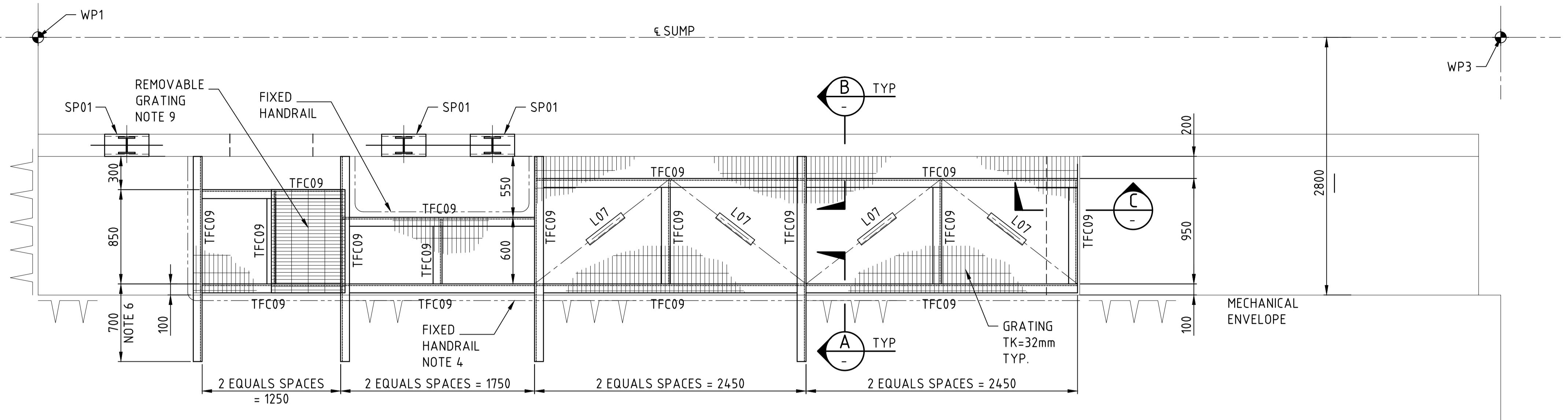
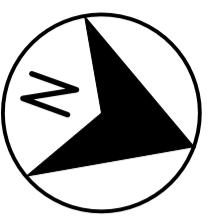
CAUTION - PROJECT DRAWING - NOT AS BUILT

REV.	DATE	REVISION DESCRIPTION	DES. CHK.	APPROVED	REV.	DATE	REVISION DESCRIPTION	DES. CHK.	APPROVED	REFERENCE DRAWING No.	REFERENCE DRAWINGS
			MLF MPL								
0	26.06.18	ISSUED FOR CONSTRUCTION		FAF EMR						1883-55-L8-1154	TRUCK SHOP HAULAGE LEVEL - MECHANICAL ENVELOPE - STAGE
1	03.08.20	ISSUED FOR CONSTRUCTION	MS AK	BB FA						1883-55-L8-1155	TRUCK SHOP HAULAGE LEVEL - MECHANICAL ENVELOPE - STAGE
										1883-55-L4-1102	TRUCK SHOP - GENERAL ARRANGEMENT - SHEET 1 OF 4
										1883-55-L4-1103	TRUCK SHOP - GENERAL ARRANGEMENT - SHEET 2 OF 4
										1883-55-L4-8481	GA DRAWING 1883-CRA-2001,2002 (KONECRANES)
										1883-15-S1-1121	ROAD BAY #1, #2 MAINTENANCE PLATFORM, LADDER DETAIL



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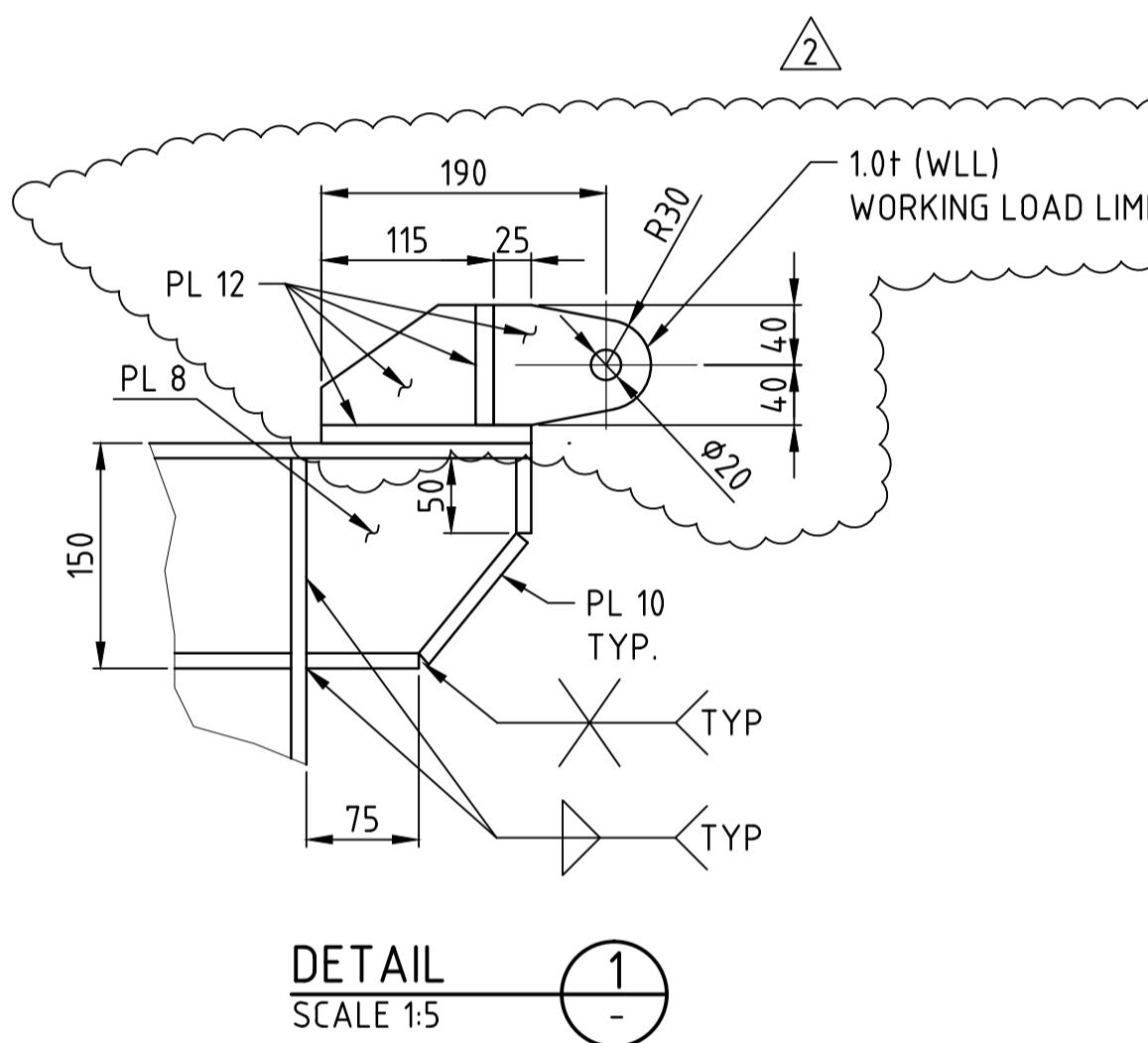
 <p>Oyu Tolgoi LLC ОЮУ ТОЛГОЙ ХХК</p> <p><small>Disclaimer: Drawings, plans, models, designs or any other information displayed, contained in, made available or disclosed in or by this document (or its part or attachment) is owned by Oyu Tolgoi LLC and may be a proprietary of Oyu Tolgoi LLC and hence they are for the internal use of Oyu Tolgoi LLC only. Making a copy or reproduction thereof in any form or giving an access or possession of them to any other party without Oyu Tolgoi LLC's written consent or permission shall be strictly prohibited. Any violation (actual or attempted) of these terms and prohibitions shall be subject legal liabilities and Oyu Tolgoi LLC reserves its rights and entitlements to all available legal remedies.</small></p> <p><small>Мэдэгдэл: Энэхүү баримт бичиг ясчул түүний хэсэг, хавсралт-түзүүслэн, харуулсан, агуулагдсан, мөн энэхүү баримт бичигээр тайсан зураг, төлөвлөсөн, загвар, дизайн болон бусад аливаа мэдээллийг Оюу Толгой ХХК-ынчлэх бөгөөд Оюу Толгой ХХК-ийн өмч мөн. Иймээс эдгээр мэдээлэл нь зөвхөн Оюу Толгой ХХК-ийн дотоод хэрэгцээнд зориулагдсан бөгөөд Оюу Толгой ХХК-ийн бичигнээ зөвшөөрөгүүгийн эдгээр мэдээллийг аливаа хэлбэрээр хувцаслах, хувилан олонуулах эсхүл эдгээр мэдээлэлдээ нэвтрэх эрхийг аливаа бусад этгээдэд эхжүүг хатуу хориглоно. Эдгээр нөхцлийн (бодитоор зөрчсөн эсхүл зөрчихийг оролдсон) аливаа зөрчилд хуулийн хариуцлага хулээлгэх бөгөөд боломжит бүх хууль эрх зүйн арга хэмжээ авах эрхээ</small></p>	PRODUCED BY	DESIGNED BY S. GOMEZ	DRAWN BY M. LOPEZ	OYU TOLGOI UNDERGROUND PROJECT UNDERGROUND WORKSHOPS TRUCK SHOP HAULAGE LEVEL - ROAD TRAIN BAYS 1 AND 2 STEELWORK - PLAN AND SECTIONS		
	PROJECT NO SN1809	CHECK DESIGN E. GONZALEZ	CHECK DRAWING M. PARADA			
	CONTRACT NO	LEAD ENGINEER F. ALVAREZ	APPROVAL DATE 26.06.18			
	DRAWING SIZE A1	AREA PROJECT ENGINEER	ENGINEERING MANAGER E. MARIN			
	PLOT SCALE	PROJECT MANAGER	APPROVAL DATE 26.06.18			
	CAD FILE NAME 1883-15-S1-1114.DWG	CLIENT	APPROVAL DATE	SCALE AS SHOWN	DRAWING NUMBER 1883-15-S1-1114	REV. 1



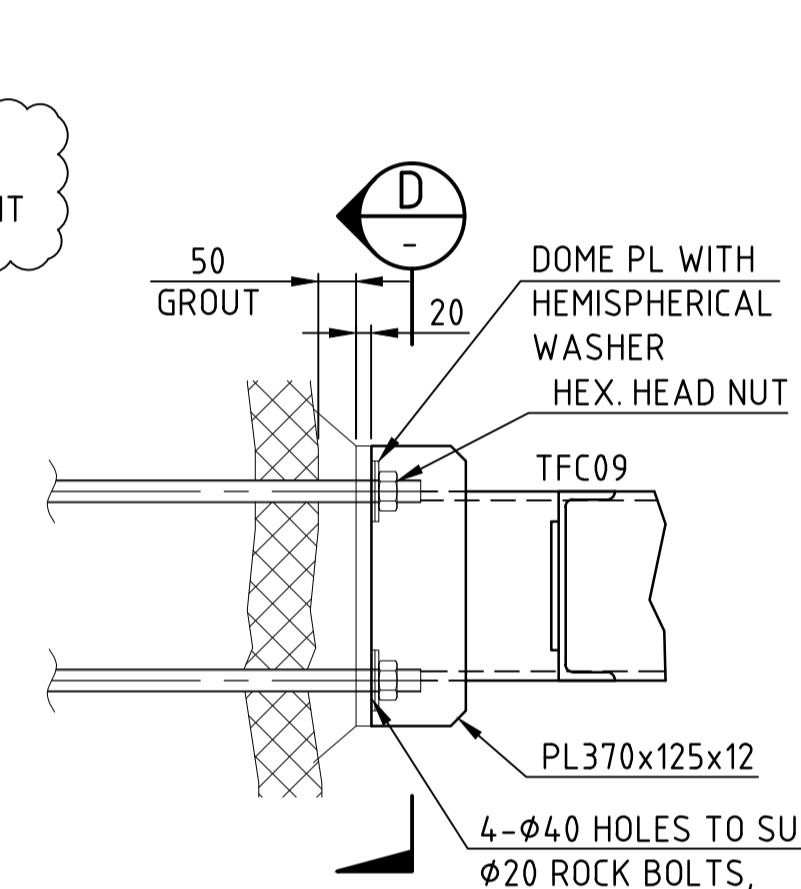
SUMP 1883-SUM-2001 PLATFORM RL-152.492 TOS - PLAN
SCALE 1:50 DESIGN LIVE LOAD = 4.1 K/P

SCALE 1:25

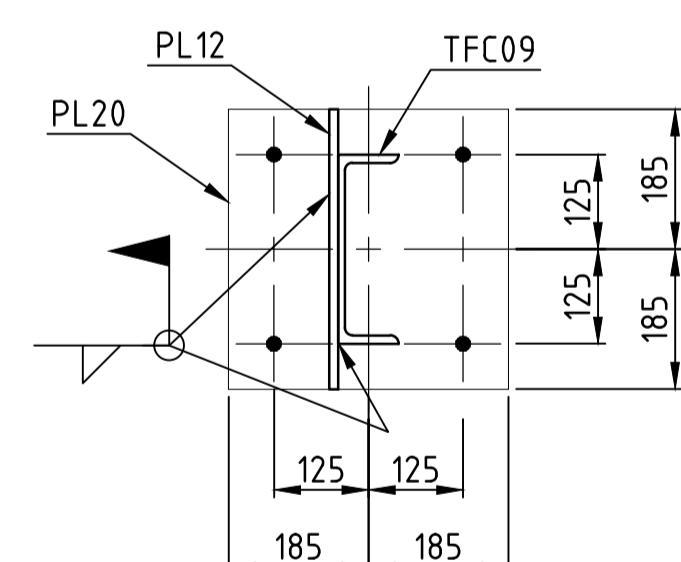
DESIGN LIVE LOAD = 4 kPa



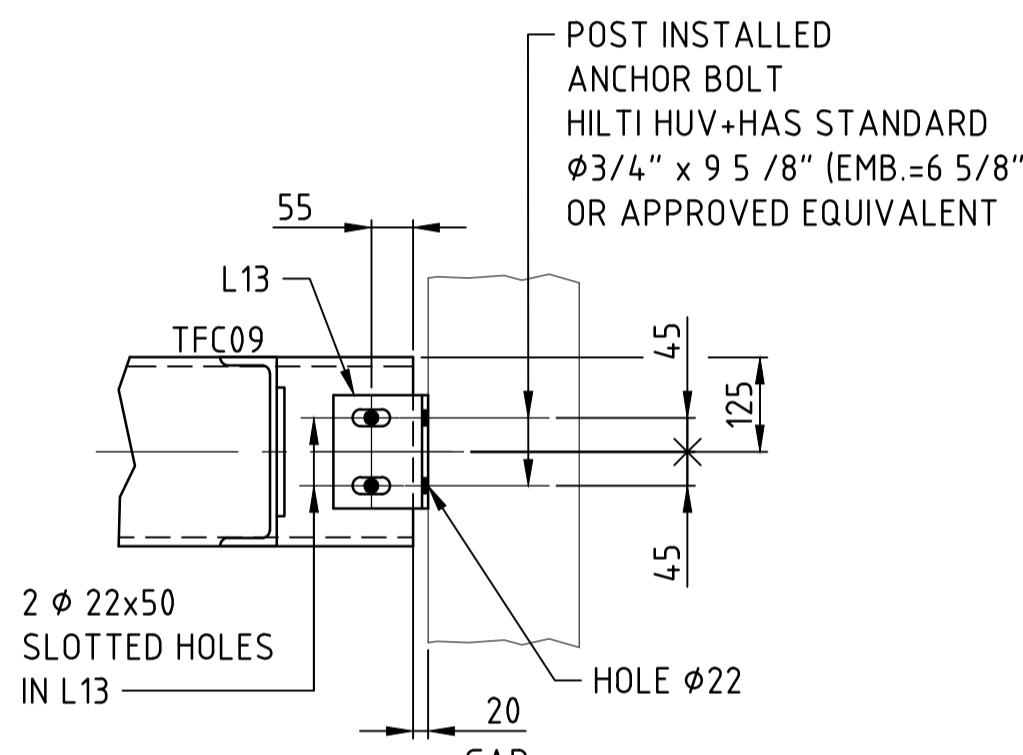
DETAIL
SCALE 1:5



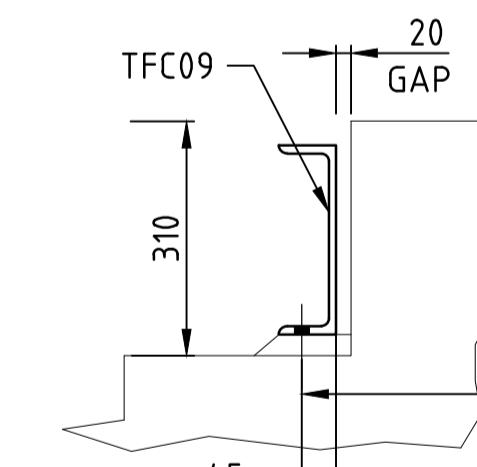
SECTION A-A
SCALE 1:10



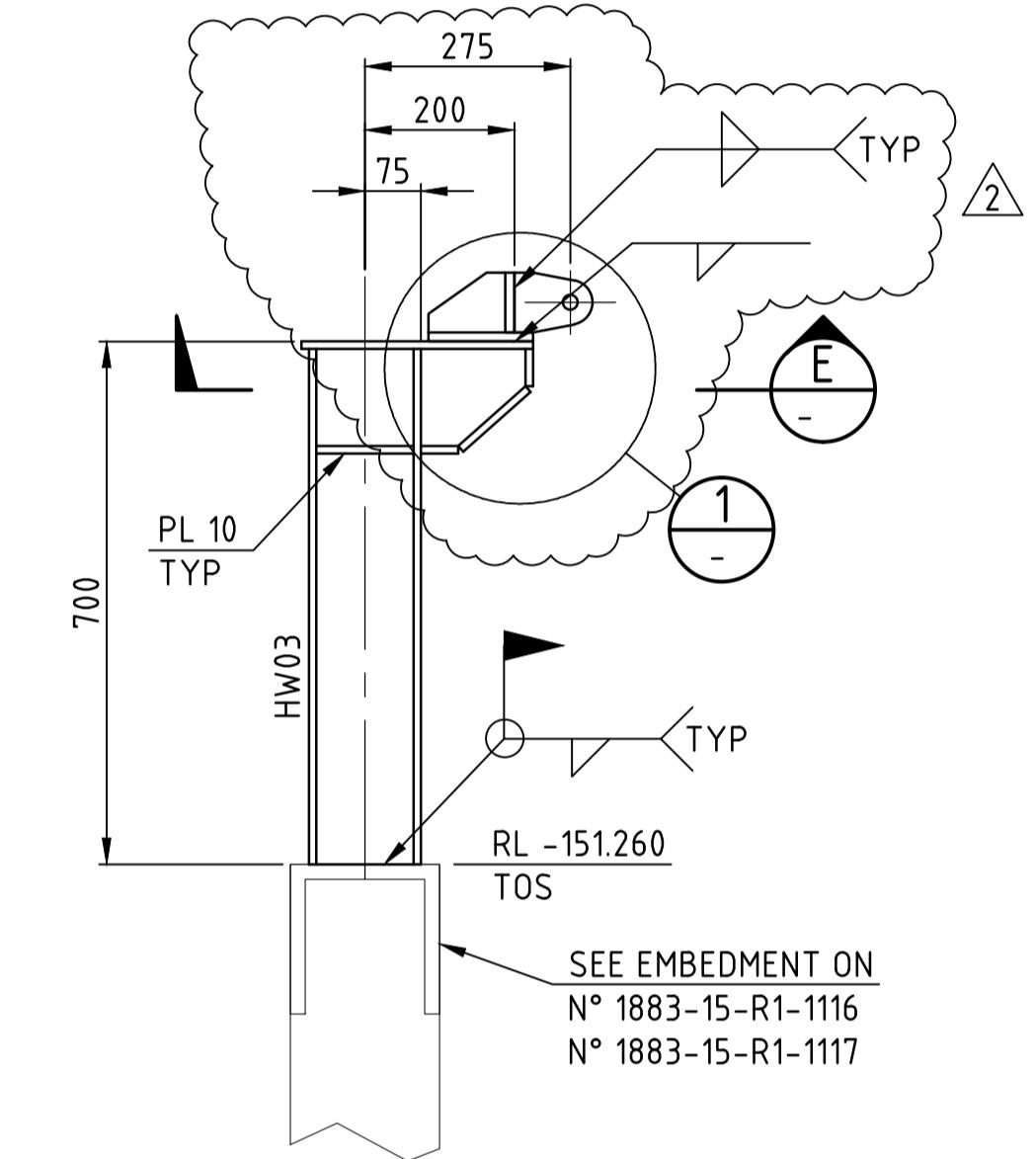
SECTION
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SECTION B

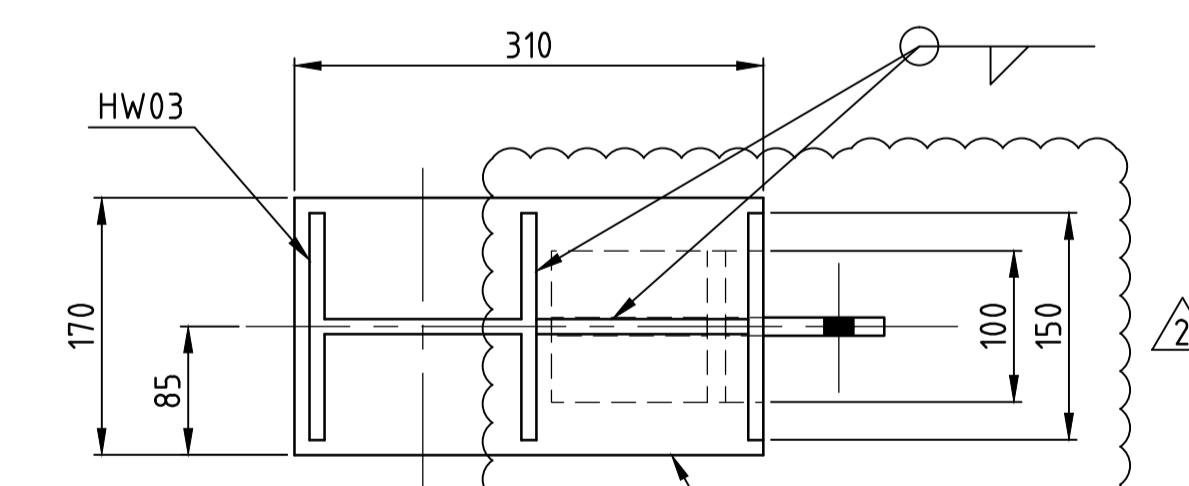


SECTION C
SCALE 1:10



PUMP SUPPORT SP1
SCALE 1:10 QTY - 3

SCALE 1:10



SECTION
SCALE 1:5

NOTES

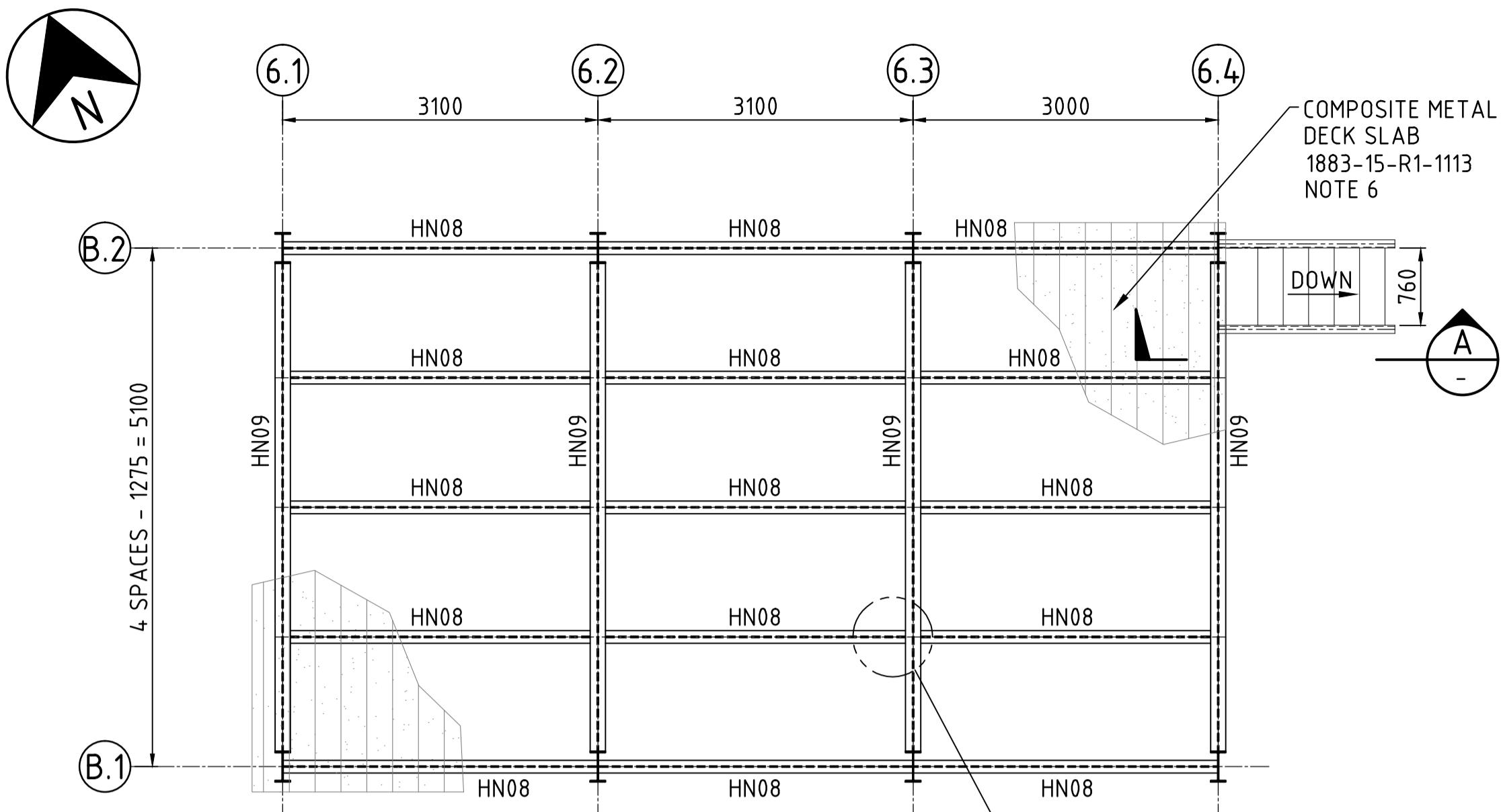
1. COORDINATES AND ELEVATIONS IN METRES IN ACCORDANCE WITH OYU TOLGOI GRID SYSTEM (OTGS)
 2. DIMENSIONS EN MILLIMETRES
 3. REFER TO GENERAL NOTES ON DRG N° 1883-15-S1-1101
 4. HANDRAIL WILL BE INSTALLED DEPENDIG OF ROCK EXCAVATION
 5. REFERENCE DRAWINGS:
CONCRETE: 1883-15-R1-1116.
 6. BEAM AND STIFFENER PLATES SHALL BE SUPPLIED ON THE MARKED LENGTHS AND CUT ON SITE AS PER REQUIRED.
 7. ROCK BOLTS, GROUT AND TESTING REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE GENERAL NOTES ON DRAWING 1800-15-S1-1201.
 8. 100% OF ROCK BOLTS SHALL BE INDIVIDUALLY PROOF TESTED TO THE NOMINATED TENSILE CAPACITY.
 9. REMOVABLE GRATING DETAILING SHALL CONSIDER A MAXIMUM WEIGHT OF 33 KG PFR PANFI

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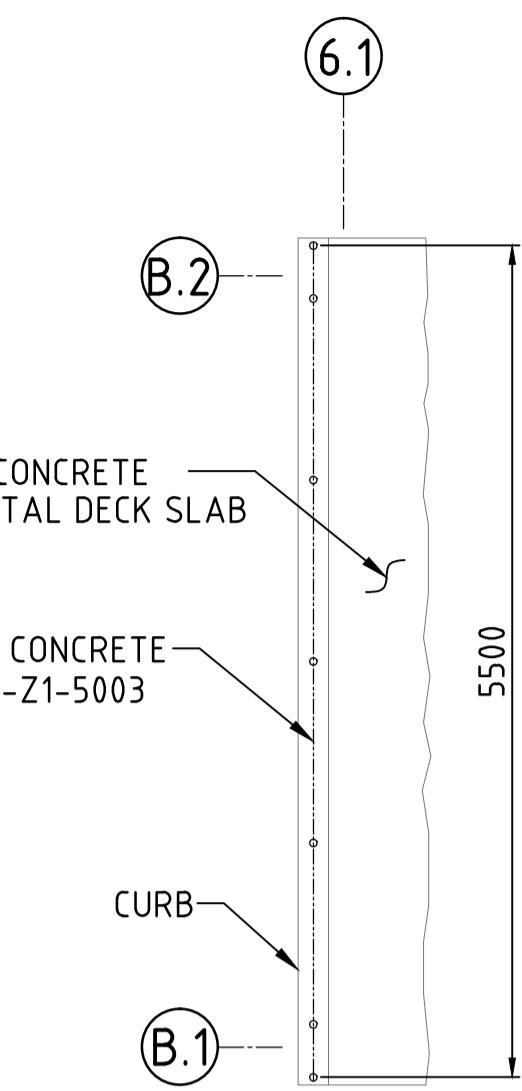


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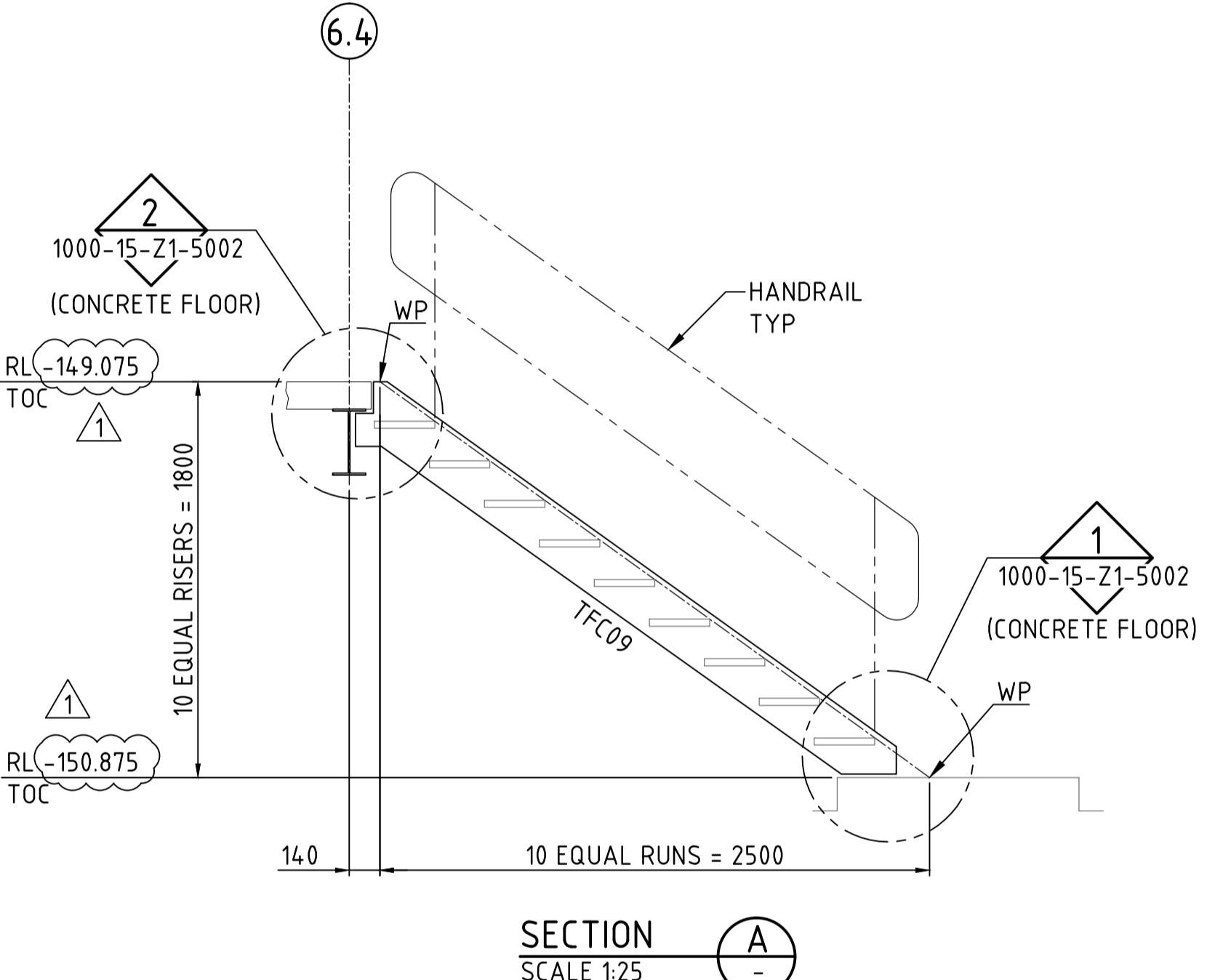


GRIDLINE 6.1/6.2/6.3/6.4 - ELEVATION

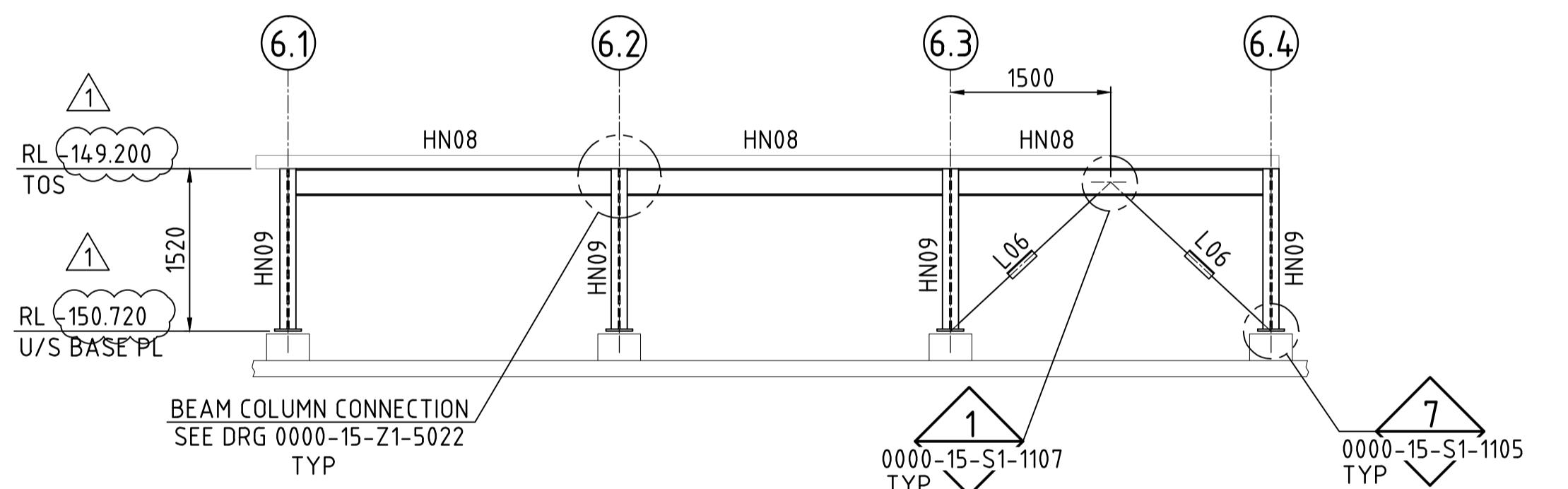
SCALE 1:50 WELDED FRAME



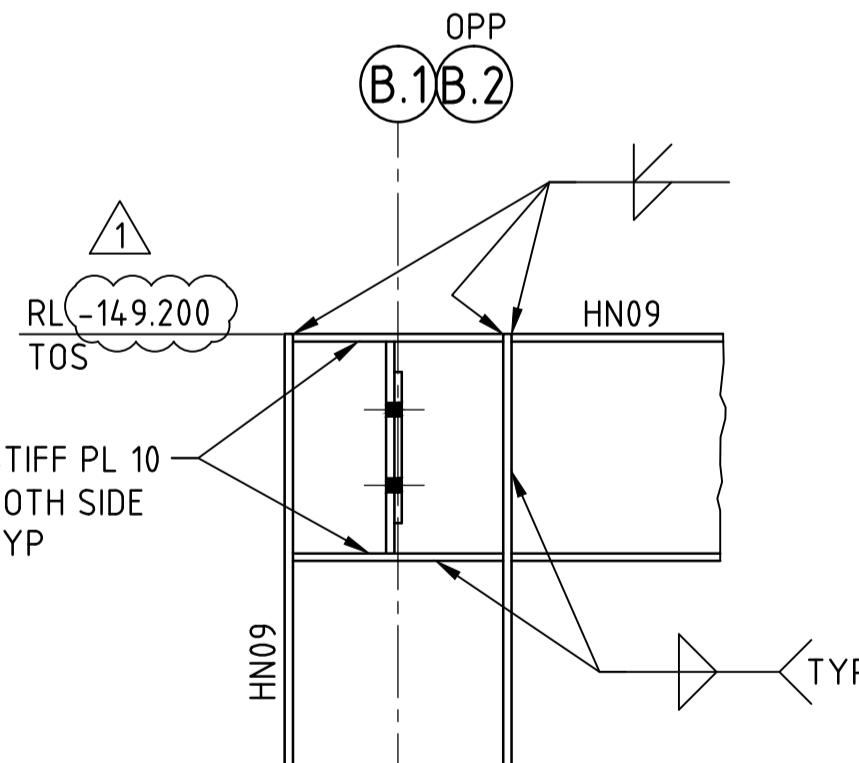
HANDRAIL PLAN VIEW



HANDRAIL PLAN VIEW



GRIDLINE B.1 AND B.2 – ELEVATION



DETAIL
SCALE 1:10



ОЮУ ТОЛГОЙ ХХК

ОЮУ ТОЛГОЙ ХХК

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CAUTION - PROJECT DRAWING - NOT AS BUILT

- NOTES**

 1. COORDINATES AND ELEVATIONS IN METRES IN ACCORDANCE WITH OYU TOLGOI GRID SYSTEM (OTGS).
 2. DIMENSIONS EN MILLIMETRES.
 3. REFER TO GENERAL NOTES ON DRG N° 1883-15-S1-1101.
 4. STEELWORK TO BE PAINTED IN ACCORDANCE WITH TECHNICAL SPECIFICATION "PROTECTIVE COATINGS" N° 0000-00-SPE-0002; COATING SYSTEM 1.
 5. STAIR TREADS SHALL HAVE A SAFETY YELLOW ABRASIVE GRIT IMPREGNATED NON-SLIP NOSING (SECTION 2.3.12 - 0000-15-SPE-0001).
 6. METAL DECK TO STEEL BEAM CONNECTION WITH STUD ANCHOR S3L 19x95 EACH 150mm. BY CONTRACTOR.

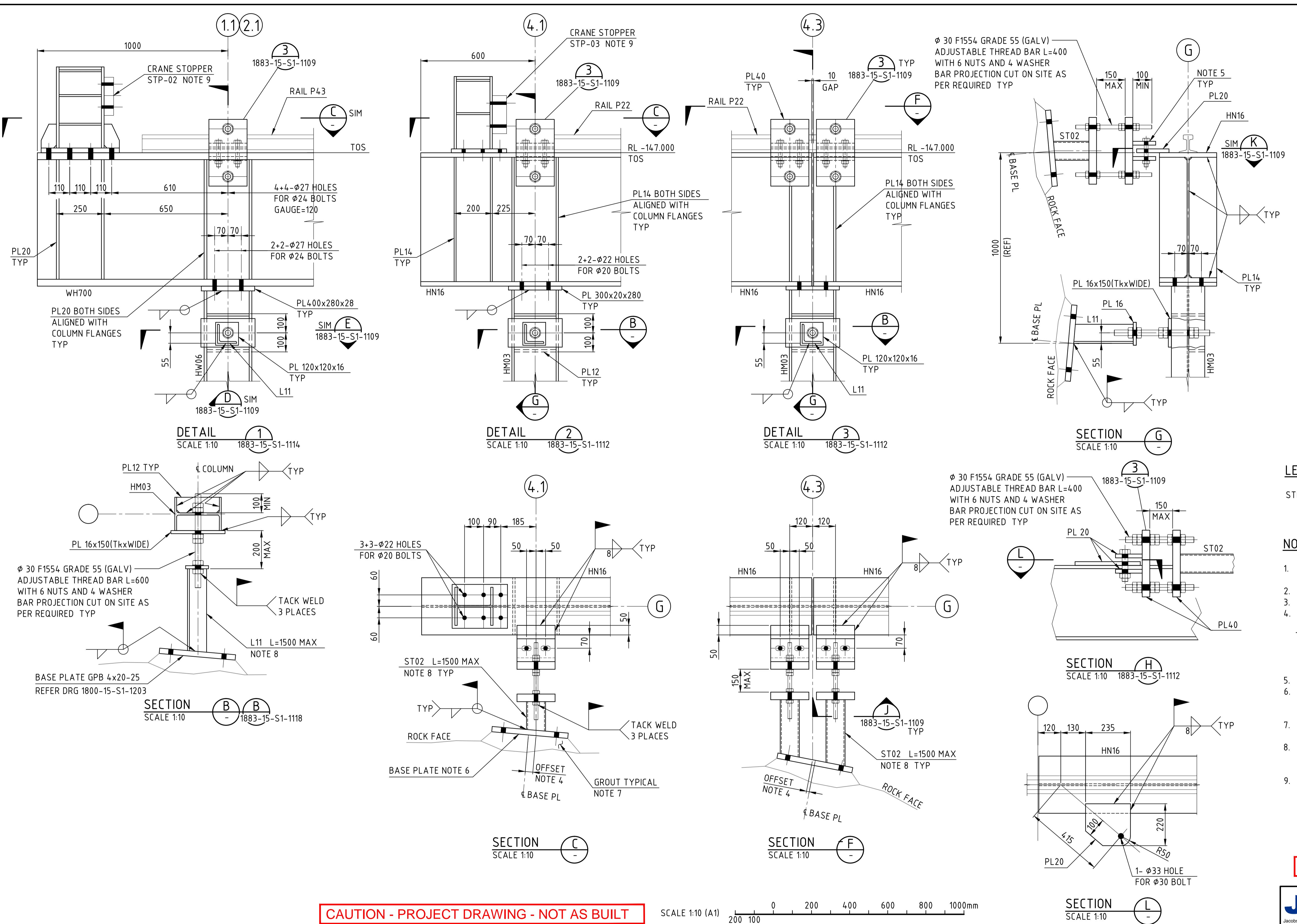
CONSTRUCTION ISSUE

JACOBS
Jacobs Document No.
SN1809-1883/SS.DRG/1116

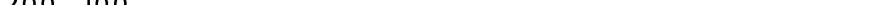
JACOBS ENGINEERING SINGAPORE PTE LTD
(Registration number 199803266M),
a company incorporated in Singapore and
having its registered office at 50 Raffles
Place #32-01 Singapore Land Tower,
Singapore, 048623 (the offshore Contractor)

Web: www.jacobs.com

0YU TOLGOI UNDERGROUND PROJECT
UNDERGROUND WORKSHOPS
TRUCK SHOP HAULAGE LEVEL - WASHROOM
STEELWORK - PLAN, SECTION AND DETAILS



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SCALE 1:10 (A1)  0 200 400 600 800 1000mm



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DI LLC ОЙ ХХК	PRODUCED BY	DESIGNED BY S. GOMEZ	DRAWN BY M. LOPEZ	OYU TOLGOI UNDERGROUND PROJECT UNDERGROUND WORKSHOPS TRUCK SHOP HAULAGE LEVEL STEELWORK - CONNECTION DETAILS 1 OF 2		
	PROJECT NO SN1809	CHECK DESIGN E. GONZALEZ	CHECK DRAWING M. PARADA			
	CONTRACT NO	LEAD ENGINEER F. ALVAREZ	APPROVAL DATE 29.06.18			
available or disclosed in or by this OYU TOLGOI LLC and hence they are for the use or possession of them to any other (actual or attempted) of these terms to all available legal remedies. уусан, авуулсан, мөн дэлхийн мэдээллийн зэрэг нь зөвхөн Oyu Tolgoi бумагийн эзэлжүүлэх еэжүүлэх ууссан, авуулсан, мөн дэлхийн мэдээллийн зэрэг нь зөвхөн Oyu Tolgoi бумагийн эзэлжүүлэх еэжүүлэх	DRAWING SIZE A1	AREA PROJECT ENGINEER	ENGINEERING MANAGER E. MARIN	SCALE AS SHOWN	DRAWING NUMBER 1883-15-S1-1117	REV. OR1
PLOT SCALE	PROJECT MANAGER	APPROVAL DATE 29.06.18				
CAD FILE NAME 1883-15-S1-1117.DWG	CLIENT	APPROVAL DATE				

CONSTRUCTION ISSUE

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STAMPING PAGE - REDLINES & BLUELINES

(1) CONTRACTOR STAMPS	<div style="border: 1px solid black; padding: 5px; background-color: #f0f0f0;"> <p>MCS property</p> <p>REDLINE / "AS-CONSTRUCTED"</p> <p>Print name: ODONCHIMEG BUKHBAATAR</p> <p>Signature:</p> <p>Rev. OR1 Date: 2020.07.16</p> <p>Package No: C003B /CW2107475/</p> <p>Site instruction No: N/A</p> <p>Change <input type="checkbox"/> No Change <input checked="" type="checkbox"/></p> </div>							
(2) EMPC STAMPS - (FE/CONST.)	REV. OR1	REV.						
<div style="border: 1px solid black; padding: 5px; background-color: #f0f0f0;"> <p>JACOBS®</p> <p>RED-LINE</p> <p>CONSTRUCTION Date: 1</p> <p>Signature: 1</p> <p>Name: 1</p> <p>FIELD ENGINEER Date: 2020/07/24</p> <p>Signature: 2</p> <p>Name: 2</p> <p>PACKAGE: C-003B</p> <p>CONTRACTOR: MCS property</p> <p>CHANGE <input type="checkbox"/> NO CHANGE <input checked="" type="checkbox"/></p> </div>								
(3) COMMISSIONING (STAMPS)	REV.	REV.	REV.	REV.	REV.	REV.	REV.	REV.

NOTE 1: START ADDING STAMPS - FROM LEFT TO RIGTH

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NOTE 3: STAMPING PAGE MUST BE FIRST PAGE OF THE DOCUMENT

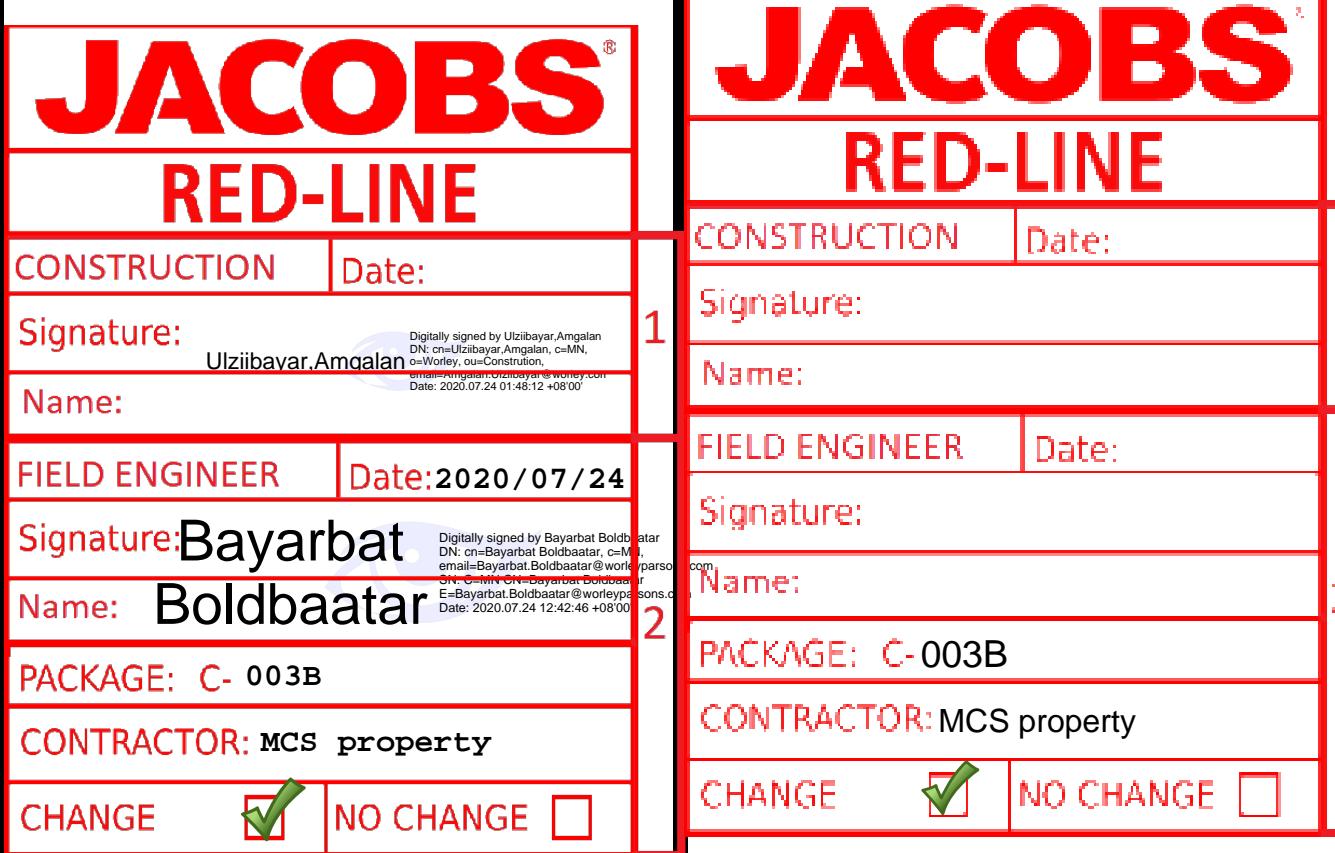
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NOTE 5: FIELD ENGINEERING TEAM TO DEFINE REVISIONS ON EACH ON EACH BLOCK - SECTION (2)

OT DOC. NUMBER 1883-15-S1-1117

FORM: 0000-01-FRM-1112_0

STAMPING PAGE - REDLINES & BLUELINES

(1) CONTRACTOR STAMPS	 MCS property REDLINE / "AS-CONSTRUCTED" Print name: ODONCHIMEG BUKHBAATAR Signature:  Rev. OR1 Date: 2020.07.16 Package No: C003B /CW2107475/ Site instruction No: N/A Change <input checked="" type="checkbox"/> No Change <input type="checkbox"/>	 MCS property REDLINE / "AS-CONSTRUCTED" Print name: ODONCHIMEG BUKHBAATAR Signature: Rev. ORL Date: 2021.09.20 Package No: C003B /CW2107475/ Site instruction No: N/A Change <input checked="" type="checkbox"/> No Change <input type="checkbox"/>					
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	JACOBS RED-LINE CONSTRUCTION Date: Signature:  1 Name: FIELD ENGINEER Date: 2020/07/24 Signature: Bayarbat  2 Name: Boldbaatar PACKAGE: C- 003B CONTRACTOR: MCS property CHANGE <input checked="" type="checkbox"/> NO CHANGE <input type="checkbox"/>	JACOBS RED-LINE CONSTRUCTION Date: Signature:  1 Name: FIELD ENGINEER Date: Signature:  2 Name: PACKAGE: C- 003B CONTRACTOR: MCS property CHANGE <input checked="" type="checkbox"/> NO CHANGE <input type="checkbox"/>					
(3) COMMISSIONING (STAMPS)	REV.	REV.	REV.	REV.	REV.	REV.	REV.

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NOTE 2: IN THE CASE THAT MORE SPACES FOR STAMPS ARE NEEDED, ADD AN ADDITIONAL STAMPING PAGE TO THE PDF

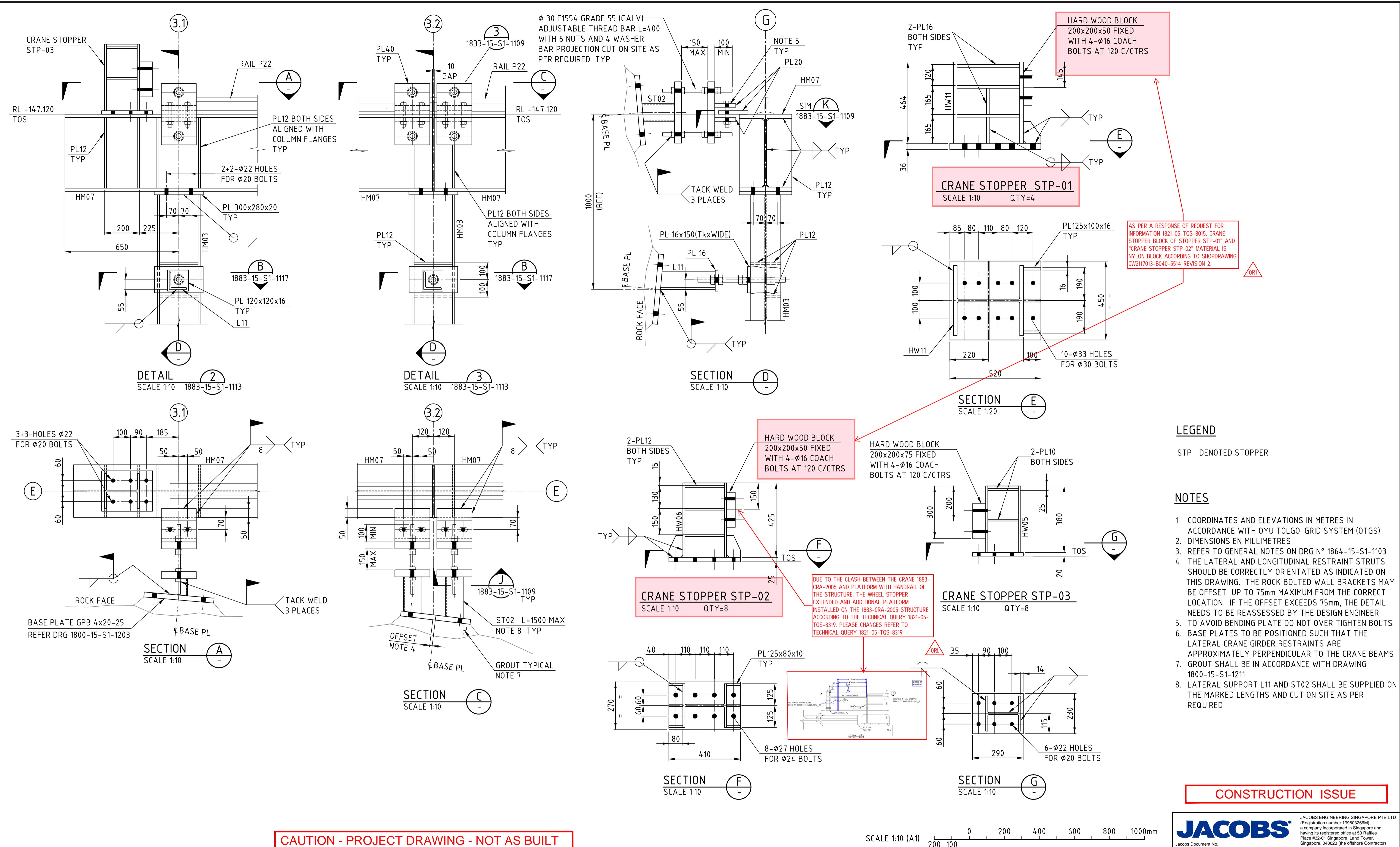
NOTE 3: STAMPING PAGE MUST BE FIRST PAGE OF THE DOCUMENT

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NOTE 5: FIELD ENGINEERING TEAM TO DEFINE REVISIONS ON EACH ON EACH BLOCK - SECTION (2)

OT DOC. NUMBER 1883-15-S1-1118

FORM: 0000-01-FRM-1112_0



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SCALE 1:10 (A1)		0	200	400	600	800	1000mm	
		200	100					
Oyu Tolgoi LLC ОЮУ ТОЛГОЙ ХХК		PRODUCED BY S. GOMEZ	DESIGNED BY M. LOPEZ	OYU TOLGOI UNDERGROUND PROJECT UNDERGROUND WORKSHOPS TRUCK SHOP HAULAGE LEVEL STEELWORK - CONNECTION DETAILS 2 OF 2				
		PROJECT NO SN1809	CHECK DESIGN E. GONZALEZ	CHECK DRAWING M. PARADA				
		CONTRACT NO	LEAD ENGINEER F. ALVAREZ	APPROVAL DATE 29.06.18				
		DRAWING SIZE A1	AREA PROJECT ENGINEER	ENGINEERING MANAGER E. MARIN				
		PLOT SCALE	PROJECT MANAGER	APPROVAL DATE 29.06.18				
		CAD FILE NAME 1883-15-S1-1118.DWG	CLIENT	APPROVAL DATE	SCALE AS SHOWN	DRAWING NUMBER 1883-15-S1-1118	REV. ORL	
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<small>(эхүл түүний хэсээ, хөвсрэлт)-т үзүүлсан, харуулсан, агуулсан, мөн дээснэн зурса, төвлөрөөс, заавар, дэвшиг болон бусад албанад мэдээллийн Оюу Толгоий ХХК-ийн эмч мөн. Иймээс эдээр мэдээлэл нь зөвхөн Оюу Толгоий ХХК-ийн бичигэн зөвхөөрөгжсээр эзээр хуулбарлах хувьнан олшруулсан эхүл эдээр мэдээллийн нэйтэрэх эрхийн албана хориглоно. Эдээр нэхцинийн (бодитоор зэрчсэн эхүл зөвхөөрөгжсээр оролцсон) цэвэрхүүлэлтээх бөөсөөг боломжийн бүхчүүхүү эх зүйн араа хэмжээ авах эрхээ</small>								

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(1) CONTRACTOR STAMPS	 MCS property REDLINE / "AS-CONSTRUCTED" Print name: ODONCHIMEG BUKHBAATAR Signature: Rev. 1R1 Date: 2020.10.12 Package No: C003B /CW2107475/ Site instruction No: N/A Change <input checked="" type="checkbox"/> No Change <input type="checkbox"/>	 MCS property REDLINE / "AS-CONSTRUCTED" Print name: BAASANDORJ D. Signature: Rev. 1RL Date: 2021.09.21 Package No: C003B /CW2107475/ Site instruction No: N/A Change <input checked="" type="checkbox"/> No Change <input type="checkbox"/>					
(2) EMPC STAMPS - (FE/CONST.)	REV. 1R1	REV. 1RL	REV.	REV.	REV.	REV.	REV.
 JACOBS[®] RED-LINE CONSTRUCTION Date: Signature: 1 Name: FIELD ENGINEER Date: Signature: Name: 2 PACKAGE: C-003B CONTRACTOR: MCS property CHANGE <input checked="" type="checkbox"/> NO CHANGE <input type="checkbox"/>	 JACOBS[®] RED-LINE CONSTRUCTION Date: Rev: Print name: 1 Signature: FIELD ENGINEER Date: Print name: Signature: PACKAGE: C-003B /CW2107475/ CONTRACTOR: MCS property CHANGE <input checked="" type="checkbox"/> NO CHANGE <input type="checkbox"/>						
(3) COMMISSIONING (STAMPS)	REV.	REV.	REV.	REV.	REV.	REV.	REV.

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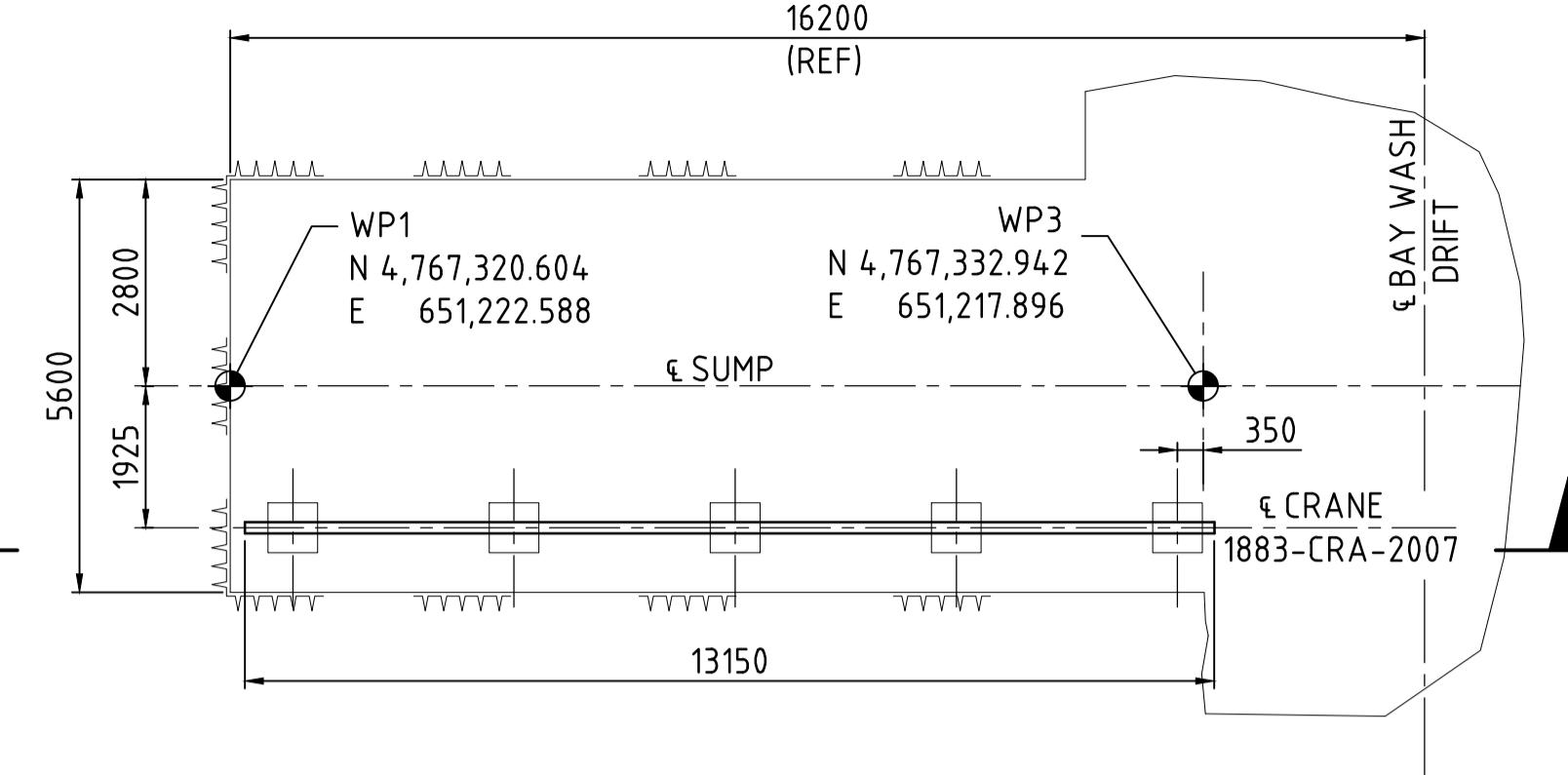
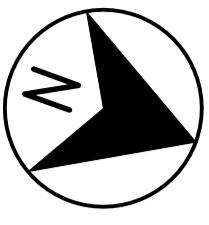
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NOTE 5: FIELD ENGINEERING TEAM TO DEFINE REVISIONS ON EACH ON EACH BLOCK - SECTION (2)

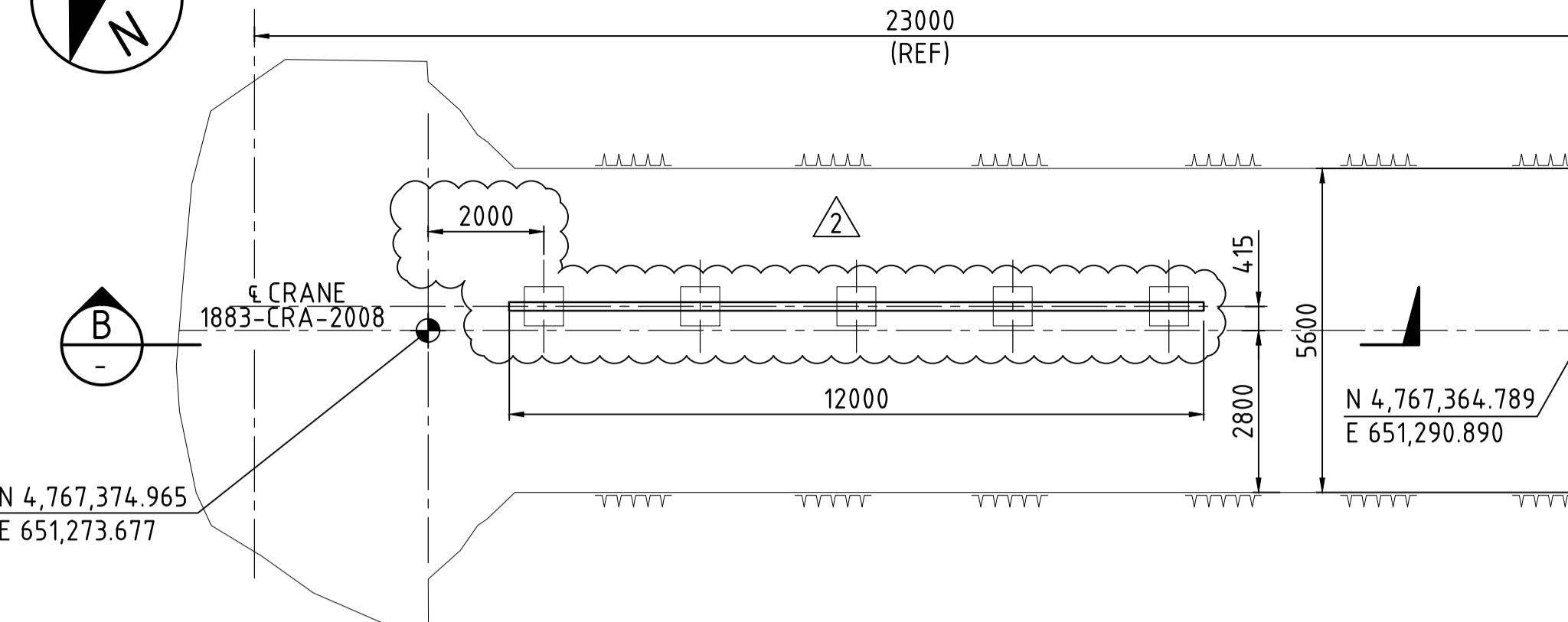
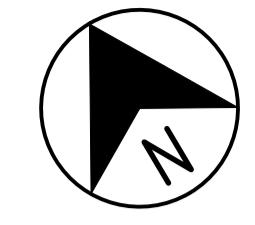
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FORM: 0000-01-FRM-1112_0



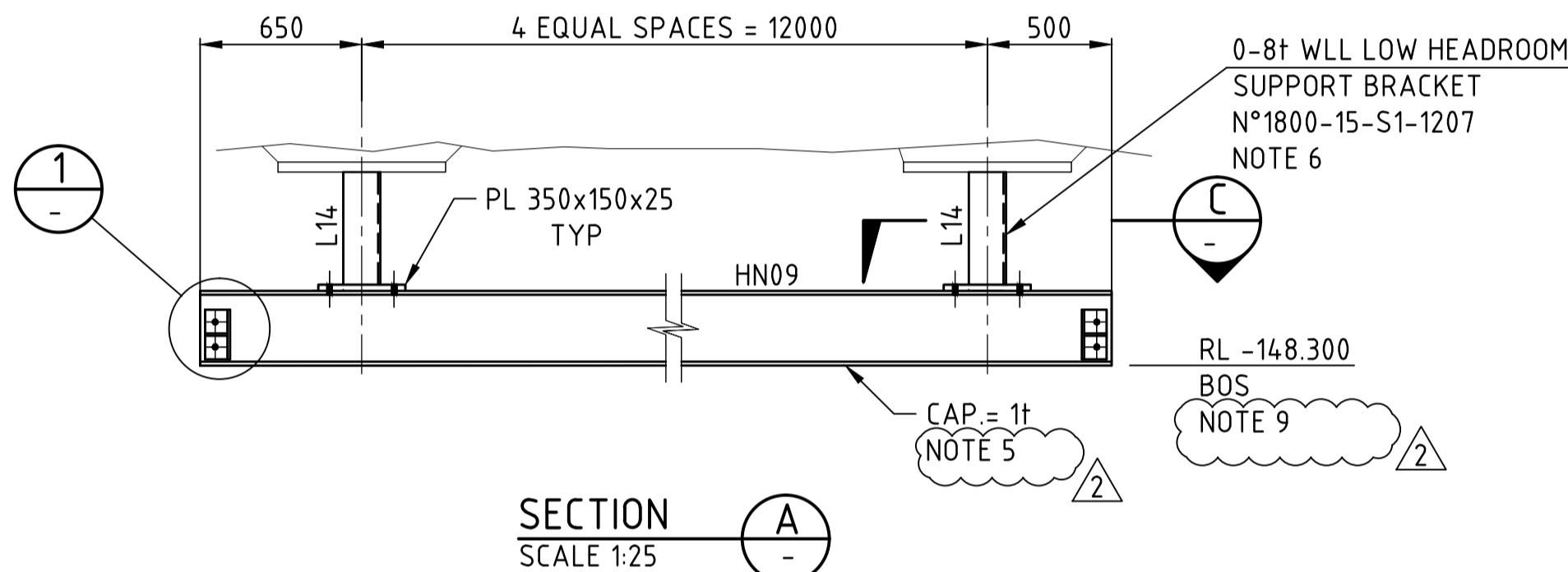
MONORAIL BEAM SUMP 1883-SUM-2001 - PLAN

SCALE 1:100

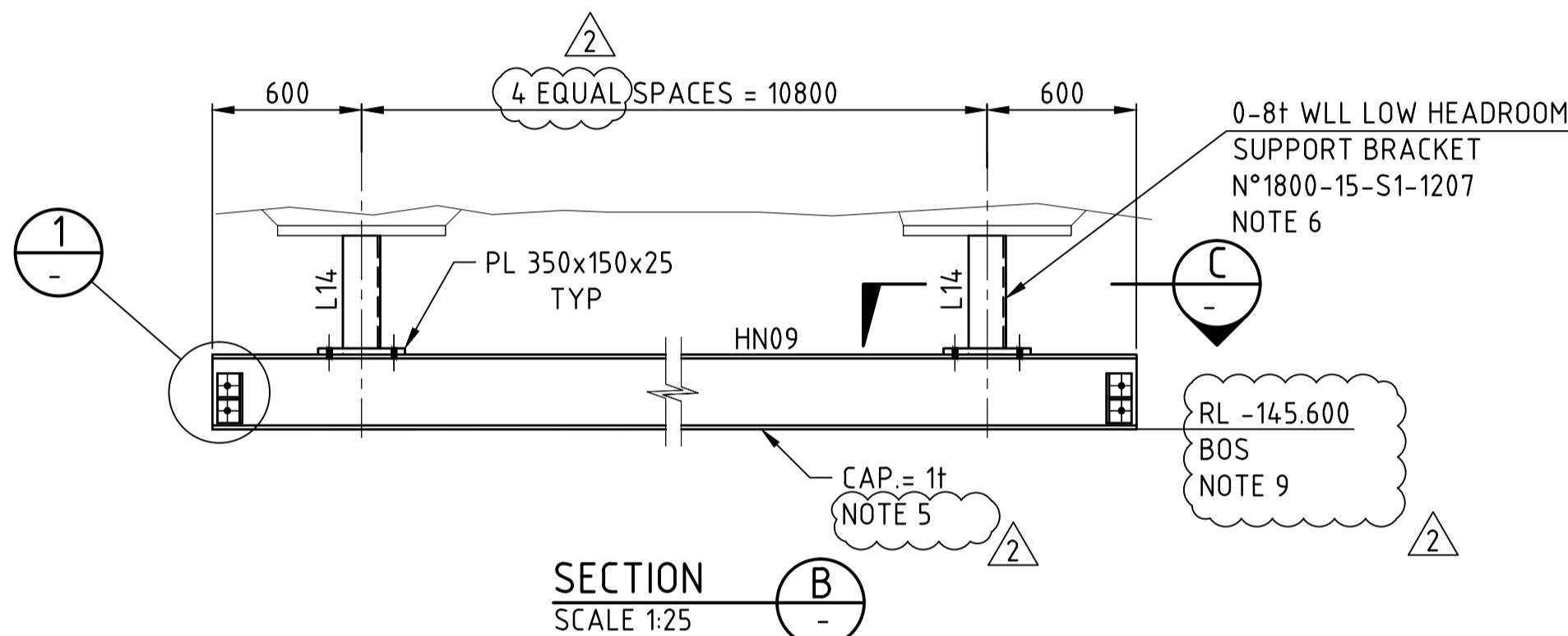


MONORAIL BEAM WASH BAY EQUIPMENT - PLAN

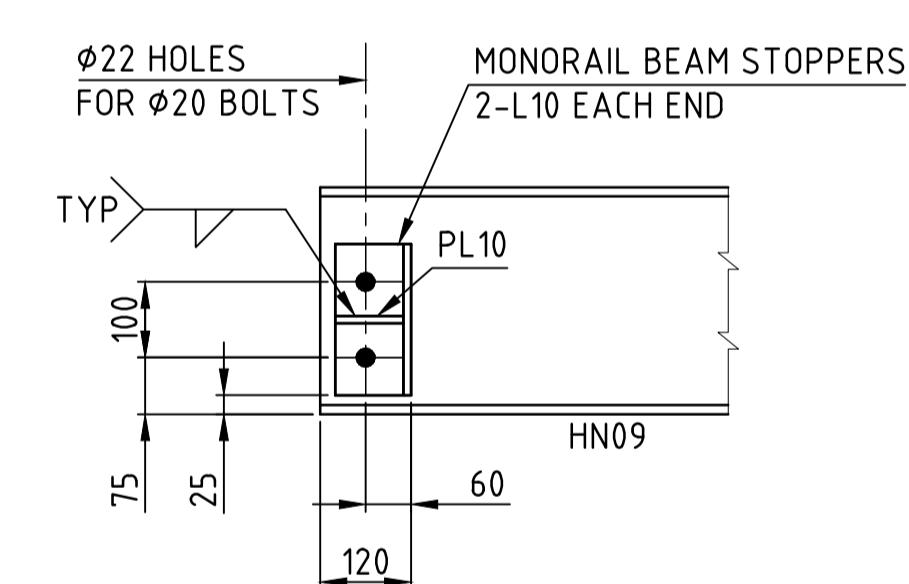
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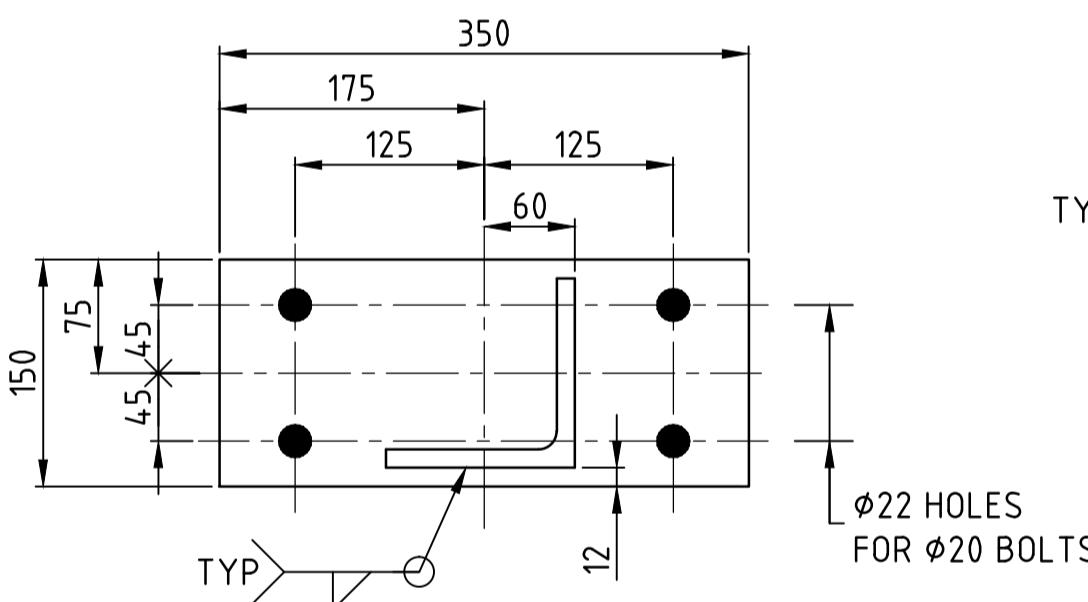
SECTION A -



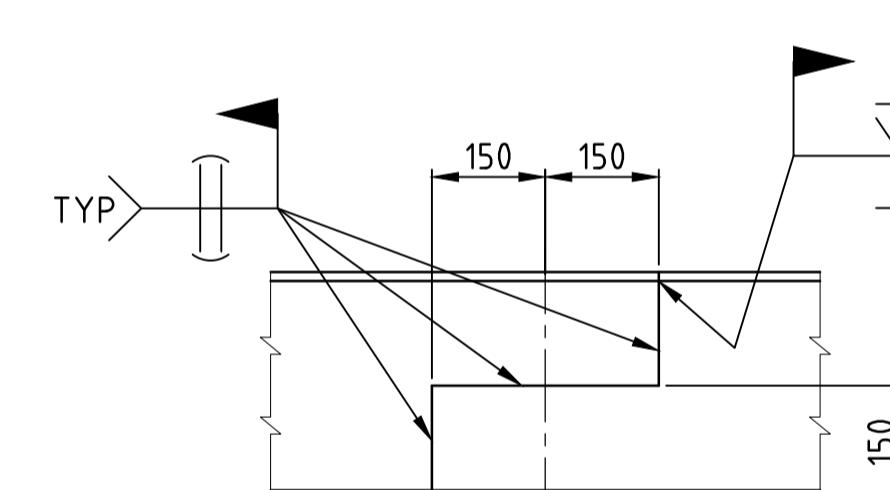
SECTION B
SCALE 1:25



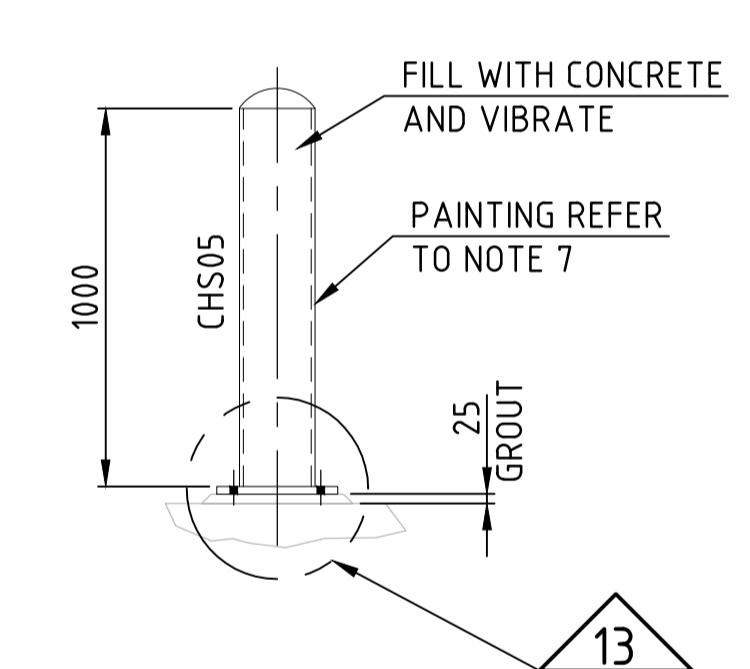
DETAIL
SCALE 1:10



SECTION C
SCALE 1:5



TYPICAL MONORAIL BEAM SPLICING



BOLLARD DETAIL

NOTES

1. COORDINATES AND ELEVATIONS IN METRES IN ACCORDANCE WITH OYU TOLGOI GRID SYSTEM (OTGS)
 2. DIMENSIONS EN MILLIMETRES
 3. REFER TO GENERAL NOTES ON DRG N° 1883-15-S1-1101
 4. THE MAXIMUM MONORAIL BEAM LENGTH SHALL BE 7 METRES. MONORAIL BEAM SPLICES ARE NOT ALLOWED UNDERNEATH THE BEAM FIXING
 5. MONORAIL BEAMS SHALL BE PAINTED IN SAFETY YELLOW COLOUR (RAL 1021), ALSO THE INDICATED RATED CAPACITY SHALL BE PAINTED IN BLACK LETTERS 150 mm HEIGHT BOTH SIDES AND ENDS
 6. STEEL FABRICATOR TO SUPPLY 1000 mm. SUPPORT BRACKETS L14, TO BE CUT ON SITE AS PER REQUIRED.
 7. BOLLARDS SHALL BE PAINTED IN SAFETY YELLOW COLOUR (RAL 1021).
 8. ANCHOR BOLT HILTI KB3 1" x 12" (EMBEDDED= 150mm) OR APPROVED EQUIVALENT.
 9. REFERENCE LEVEL TO BE CONFIRMED WITH MINING EXCAVATION, MONORAIL BEAM REFERENCE LEVEL SHALL BE ADJUSTED WITH SUPPORT BRACKETS TO THE HIGHER POSSIBLE POSITION

CONSTRUCTION ISSUE



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JACOBS		JACOBS ENGINEERING SINGAPORE PTE LTD (Registration number 199803266M), a company incorporated in Singapore and having its registered office at 50 Raffles Place #32-01 Singapore Land Tower, Singapore, 048623 (the offshore Contractor)
Jacobs Document No. SN1809-1883/SS.DRG/1120		
Web: www.jacobs.com		
<p>OYU TOLGOI UNDERGROUND PROJECT UNDERGROUND WORKSHOPS TRUCK SHOP HAULAGE LEVEL STEELWORK - PLAN, SECTIONS AND DETAILS</p>		
SCALE	DRAWING NUMBER	REV.
AS SHOWN	1883-15-S1-1120	2

