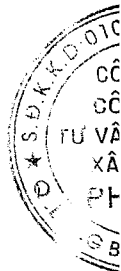


ADDENDUM NO. 1

TO
CONTRACT
FOR
ENGINEERING GEOLOGICAL SURVEY WORKS
Package A2, Section 2
(Km89+500-Km99+500)

FOR

Detailed Design For DaNang - QuangNgai
Expressway Development Project



between

JOINT VENTURE OF NK -NEC- CHODAI-TEC

and

PHU HA BUILDING AND INVESTMENT CONSULTANCY JSC (PHB)

Date: 25 OCTOBER, 2012

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ADDENDUM NO. 1
TO
ENGINEERING GEOLOGICAL SURVEY WORKS
Package A2, Section 2 (Km89+500-Km99+500)
FOR
Detailed Design For DaNang – QuảngNgai Expressway Development Project

This Addendum No. 1 is made on the 25th day of the month of October, 2012 between Joint Venture of NK – NEC- Chodai-TEC (hereinafter referred to as “Consultant”) on the one part, and Phu Ha Building and Investment Consultancy JSC (hereinafter referred to as “Sub-consultant”) on the other part, concerning the Contract dated August 15th, 2012 for Engineering Geological Survey for package A2, Section 2 (Km89+500-Km99+500) (hereinafter referred to as “the Original Contract”).

WITNESSETH:

WHEREAS, in accordance with ARTICLE 2.14: VARIATIONS AND OMMISIONS of the Contract that the Consultant and the Sub-consultant discussed for the additional works of engineering geological survey works for the location of O&M building areas..

NOW THEREFORE, it is mutually agreed by and between the parties hereto as follows:

1. Contract Amount of Additional Works

The Consultant agrees to pay the Sub-consultant in consideration of the fulfillment of the Works, the Contract Price of Seventeen Thousand and Six Hundred US Dollars only (USD17,600), including USD1,600 of VAT, in accordance with the terms and conditions specified in Clause 2.12 of General Conditions.

Detailed Bill of Quantities is shown below.

No.	Item	Unit	Unit Price	Quantity	Amount	Remark
A	Expressway					Expected to:
12	O&M Building				14,390	
121	Mechanical boring	l.m.	40	269	10,760	18 nos. Soil class: I-III (100%)
122	Standard penetration test (SPT)	point	20	139	2,780	2 m pitch
123	Sampling	nos.	-	139	-	2 m pitch
124	Undisturbed sample test	nos.	-	-	-	25% of sampling
125	Disturbed sample test	nos.	25	34	850	25% of sampling
C	Mobilization and Temporary Camp Yard	L.S.	10,760	1	1,614	15% of A+B (mechanical boring cost only)
D	Floating Equipment (for Off Shore Boring)	nos.	-	-	-	river bridges
E	Reporting	L.S.	10,760	1	215	2% of A+B (mechanical boring cost only)
Sub-total					16,219	
Sub-total (Rounded)					16,000	
VAT (10%)					1,600	
Sub-total (Rounded)					17,600	

2. Location of the Work and Work Quantities

In addition to the locations of works in the Original Contract, the following nine (9) O&M buildings shall be carried out the engineering geological survey. Detailed position of boring is shown in Appendix-F2.

Work Quantities of the additional work is shown in Appendix-G2.

- 1) Tuy Loan Main Management Center
- 2) My Son Toll Office
- 3) Ha Lam Toll Office
- 4) Tam Ky Toll Office
- 5) Chu Lai Toll Office
- 6) Dung Quat Toll Office
- 7) Binh Son Toll Office
- 8) Quang Ngai North Management Office
- 9) Quang Ngai Toll Office

3. Time Schedule of the Work

The Works shall be commenced immediately after signing of this ADDENDUM NO. 1 or the issuance of the Notice to Proceed by the Consultant. Boring Works shall be completed not later than 15 December 2012 and All the Work shall be completed not later than 15 January 2013.

4. Other Content: All contents of the Original Contract not specifically modified by this ADDENDUM NO. 1 shall remain unchanged and in full force and effect.

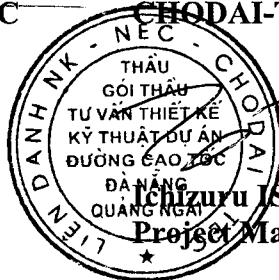
IN WITNESS WHEREOF, the parties hereto have executed this ADDENDUM NO. 1 in duplicate in English, in their respective names as of the day and year first above written.

**For and on behalf of
PHU HA BUILDING AND
INVESTMENT CONSULTANCY JSC**



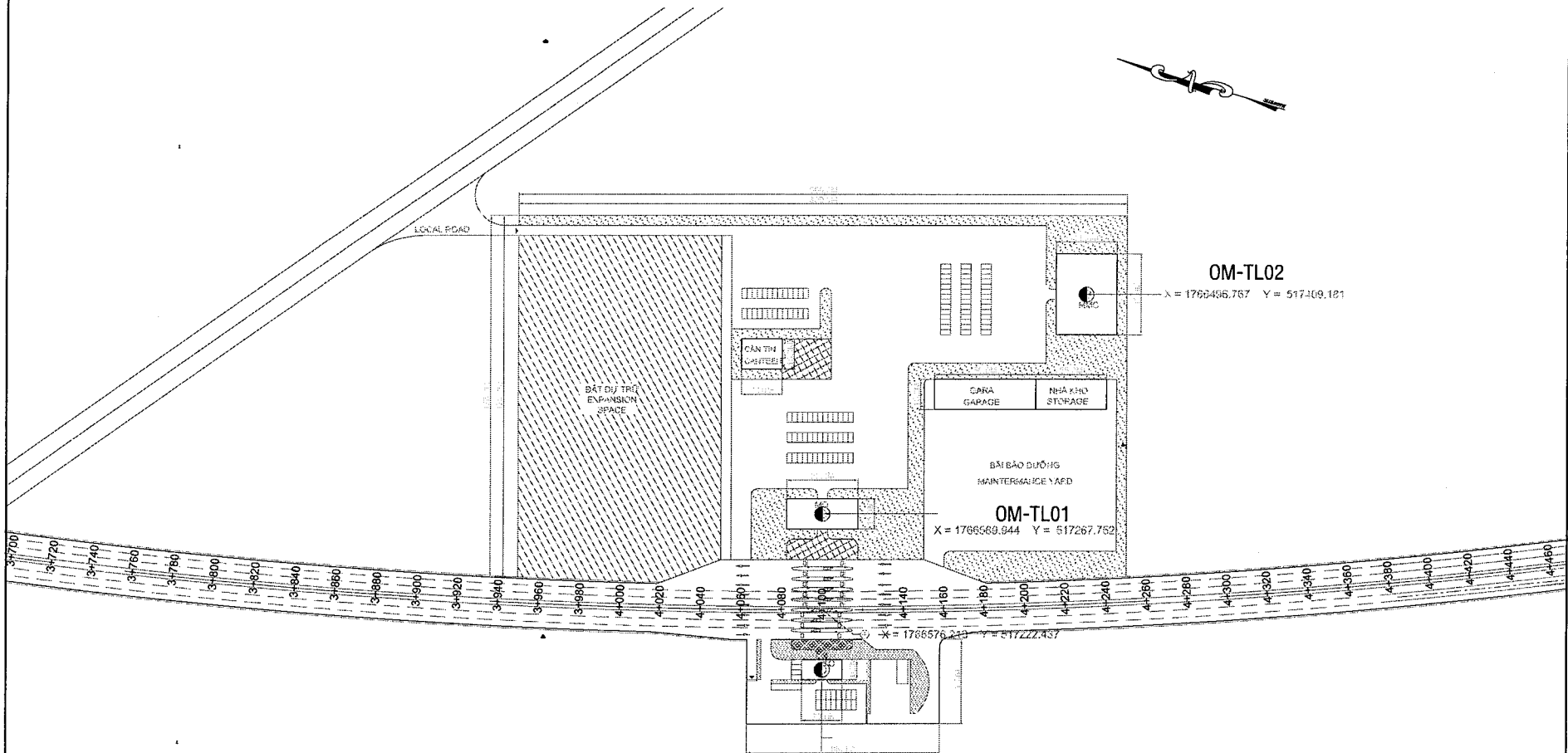
**Duong Quoc Nien
Director**

**For and on behalf of
JOINT VENTURE OF NK-NEC-
CHODAI-TEC.**



**Ichizuru ISHIMOTO
Project Manager**

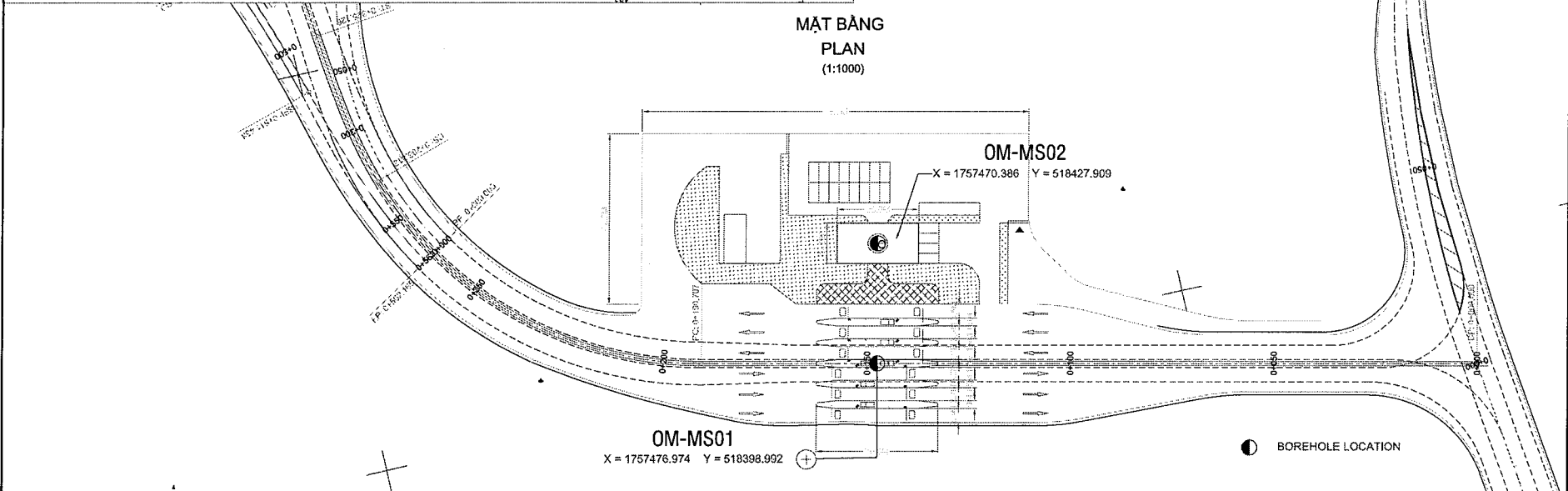
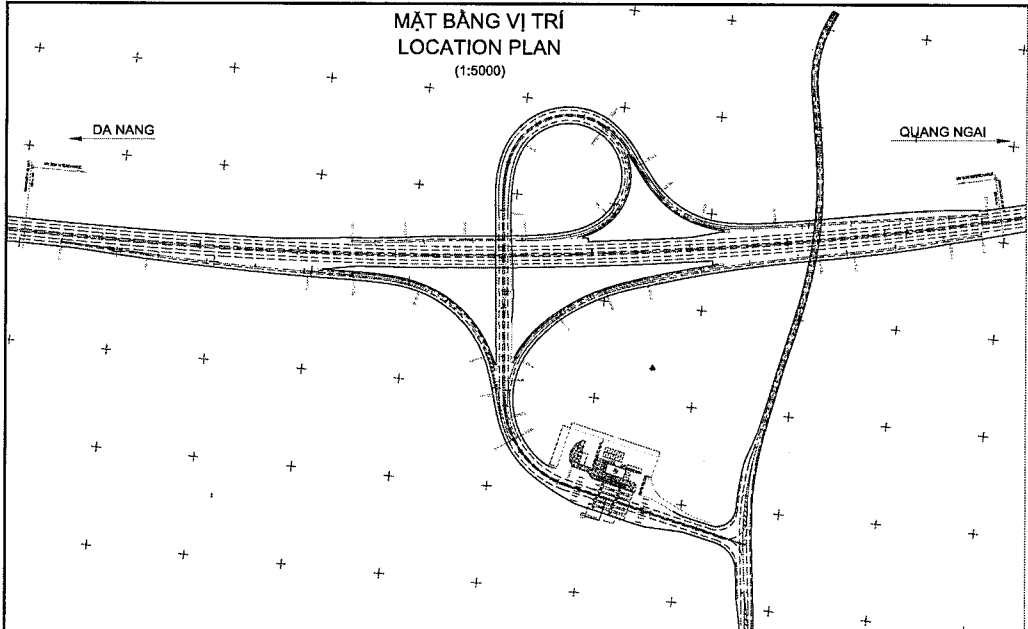
MẶT BẰNG TRUNG TÂM ĐIỀU KHIỂN CHÍNH TỦY LOAN
 PLAN OF TUY LOAN MAIN MANAGEMENT CENTER



BOREHOLE LOCATION

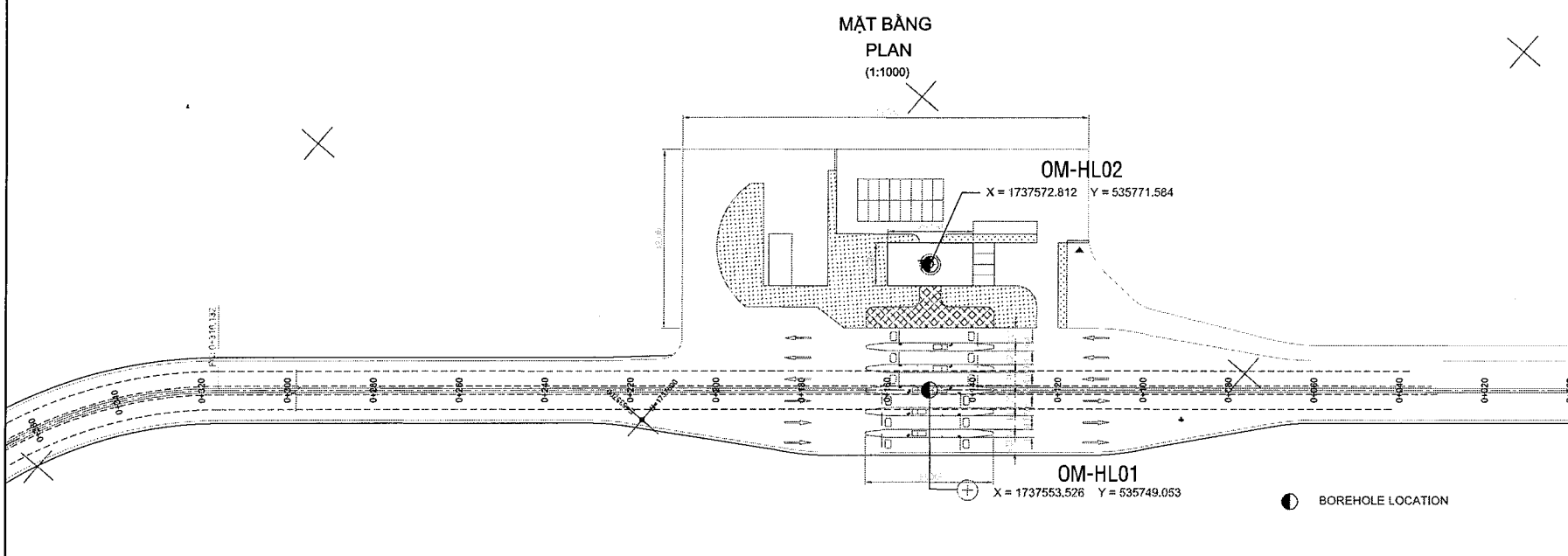
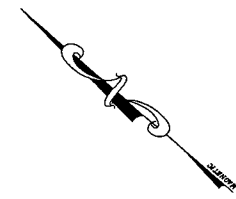
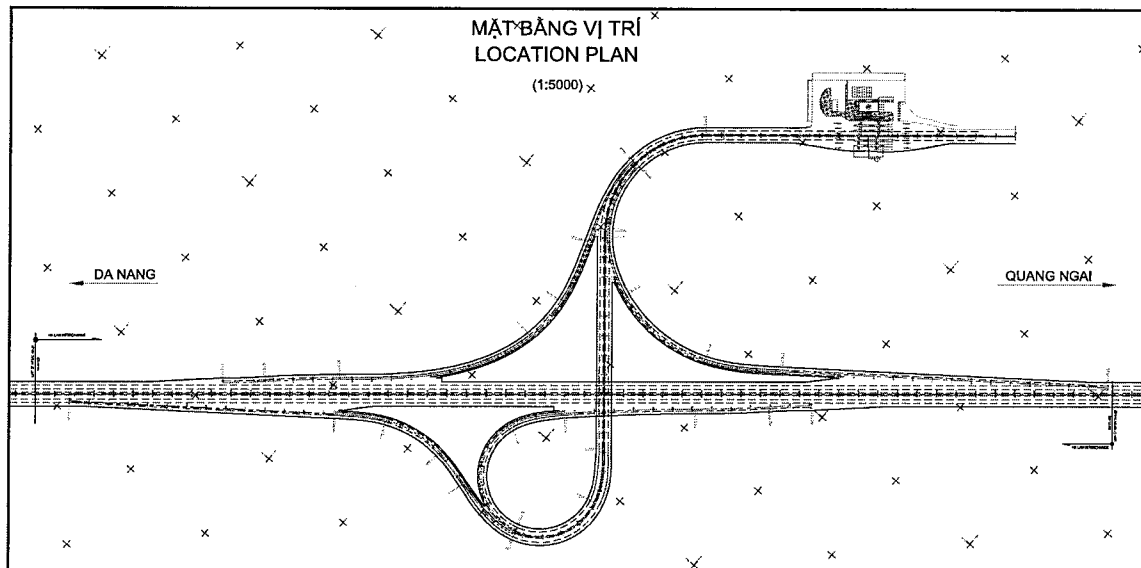
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MINISTRY OF TRANSPORT VIETNAM		ENGINEERING DESIGN CONSULTANT	REMARKS:		DA NANG-QUANG NGAI EXPRESSWAY DEVELOPMENT PROJECT				
CLIENT	PROJECT MANAGEMENT CONSULTANT	The Joint Venture of Nippon Koei Co., Ltd. Nippon Engineering Consultants Co., Ltd. Chodal Co., Ltd. Thai Engineering Consultants Co., Ltd.			PREPARED BY	CHECKED BY	APPROVED BY	MẶT BẰNG TRUNG TÂM ĐIỀU KHIỂN CHÍNH TỦY LOAN PLAN OF TUY LOAN MAIN MANAGEMENT CENTER	
VIETNAM EXPRESSWAY CORPORATION	PROJECT MANAGEMENT UNIT NO.85				NAME	VAN BA PHI	NG DOAN TINH	ICHIRO NOGUCHI	SCALE
					DATE			1/2000	OAM/TS-B-0020



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MINISTRY OF TRANSPORT VIETNAM		ENGINEERING DESIGN CONSULTANT		REMARKS:			DA NANG-QUANG NGAI EXPRESSWAY DEVELOPMENT PROJECT		
CLIENT	PROJECT MANAGEMENT CONSULTANT	The Joint Venture of Nippon Koei Co., Ltd. Nippon Engineering Consultants Co., Ltd. Chodal Co., Ltd. Thal Engineering Consultants Co., Ltd.					MẬT BĂNG TRẠM THU PHÍ MỸ SƠN PLAN OF MY SON TOLL OFFICE		
VIETNAM EXPRESSWAY CORPORATION	PROJECT MANAGEMENT UNIT NO.85						NAME	PREPARED BY VAN BA PHI	CHECKED BY NG DOAN TINH
							DATE		

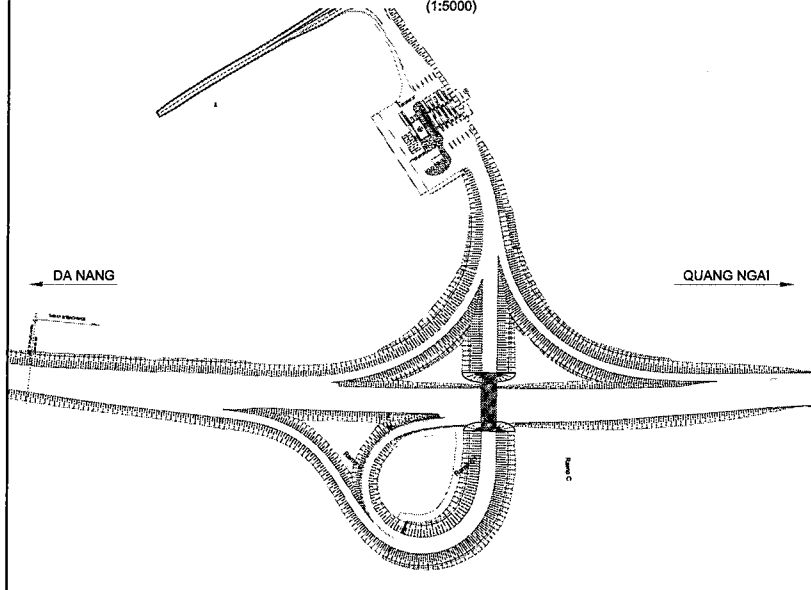


MINISTRY OF TRANSPORT VIETNAM		ENGINEERING DESIGN CONSULTANT		REMARKS:		DA NANG-QUANG NGAI EXPRESSWAY DEVELOPMENT PROJECT							
CLIENT	PROJECT MANAGEMENT CONSULTANT	The Joint Venture of Nippon Koei Co., Ltd. Nippon Engineering Consultants Co., Ltd. Chodal Co., Ltd. Thai Engineering Consultants Co., Ltd.				PREPARED BY		CHECKED BY		APPROVED BY		MẬT BẢNG TRẠM THU PHÍ HÀ LAM PLAN OF HÀ LAM TOLL OFFICE	
VIETNAM EXPRESSWAY CORPORATION	PROJECT MANAGEMENT UNIT NO.85					VAN BA PHI		NG DOAN TINH		ICHIRO NOGUCHI		SCALE	
						DATE				AS SHOWN		DAM/TS-8-0040	
												REV. NO.	

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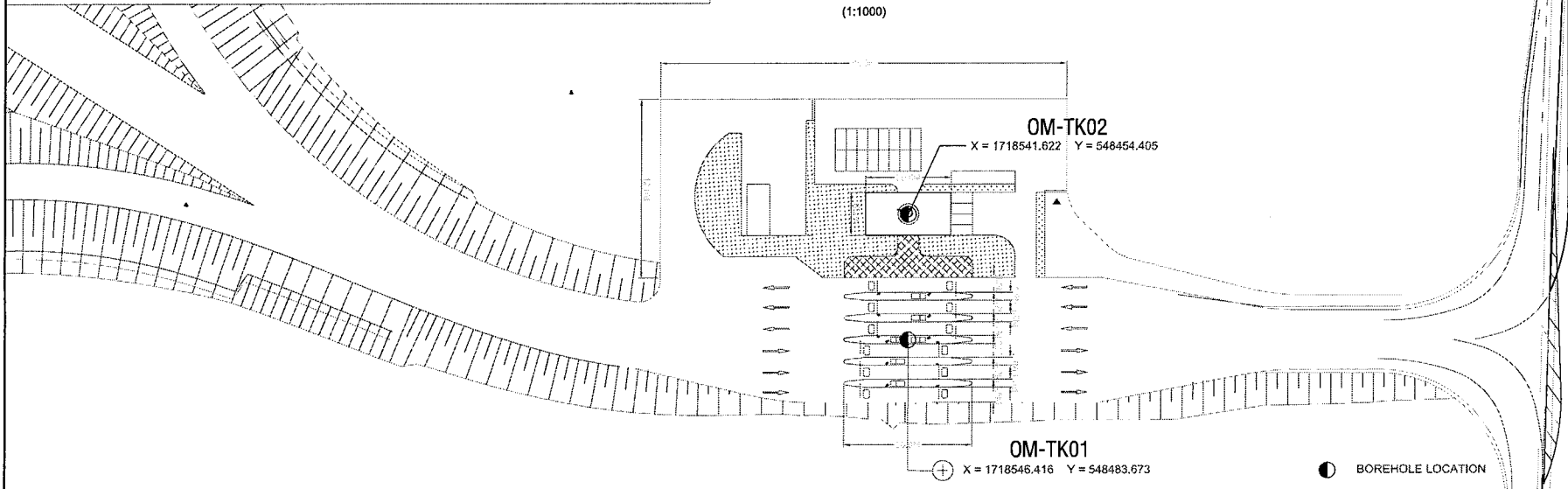
MẶT BẰNG VỊ TRÍ
LOCATION PLAN

(1:5000)



MẶT BẰNG
PLAN

(1:1000)



MINISTRY OF TRANSPORT VIETNAM

ENGINEERING DESIGN CONSULTANT

REMARKS:

DA NANG-QUANG NGAI EXPRESSWAY DEVELOPMENT PROJECT

CLIENT
VIETNAM EXPRESSWAY CORPORATION

PROJECT MANAGEMENT CONSULTANT
PROJECT MANAGEMENT UNIT NO.85

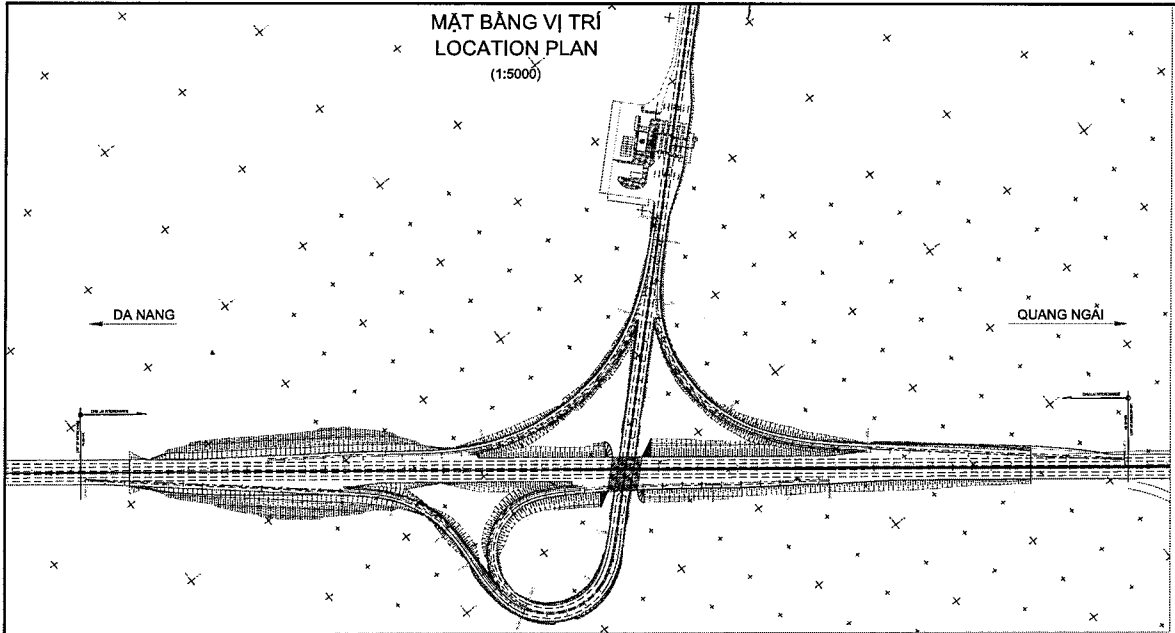
The Joint Venture of
Nippon Koel Co., Ltd.
Nippon Engineering Consultants Co., Ltd.
Chodal Co., Ltd.
Thal Engineering Consultants Co., Ltd.

NAME	PREPARED BY	CHECKED BY	APPROVED BY
SIGNATURE	VAN BA PHI	NG DOAN TINH	ICHIRO NOGUCHI
DATE			

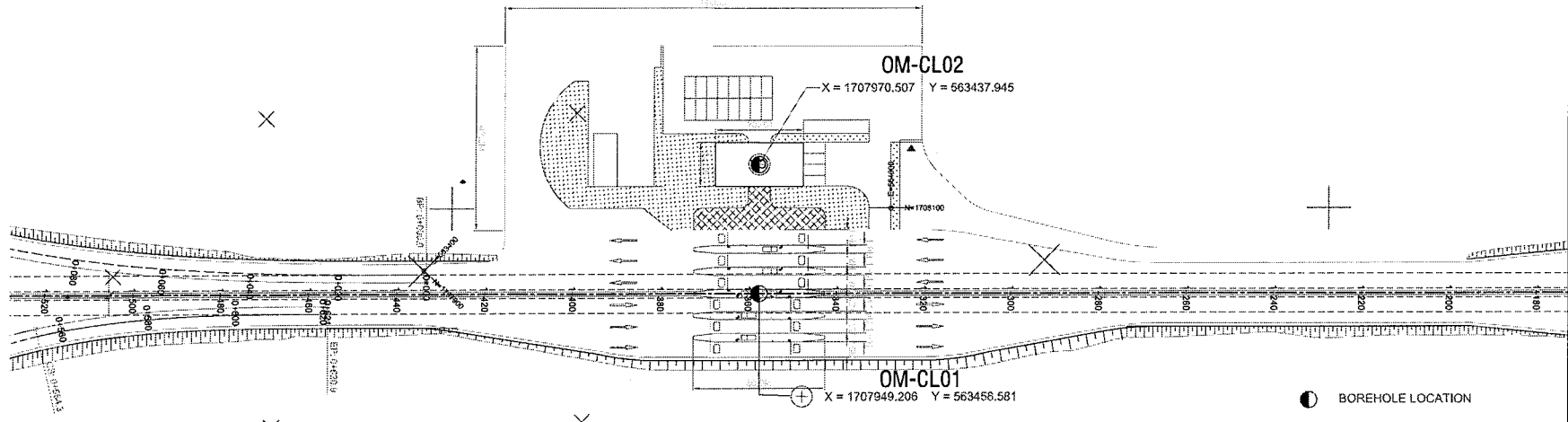
MẶT BẰNG TRẠM THU PHÍ TAM KỲ PLAN OF TAM KY TOLL OFFICE		
SCALE	DRAWING NO.	REV. NO.
AS SHOWN	OAMITS-B-0050	

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MẬT BẢNG
PLAN
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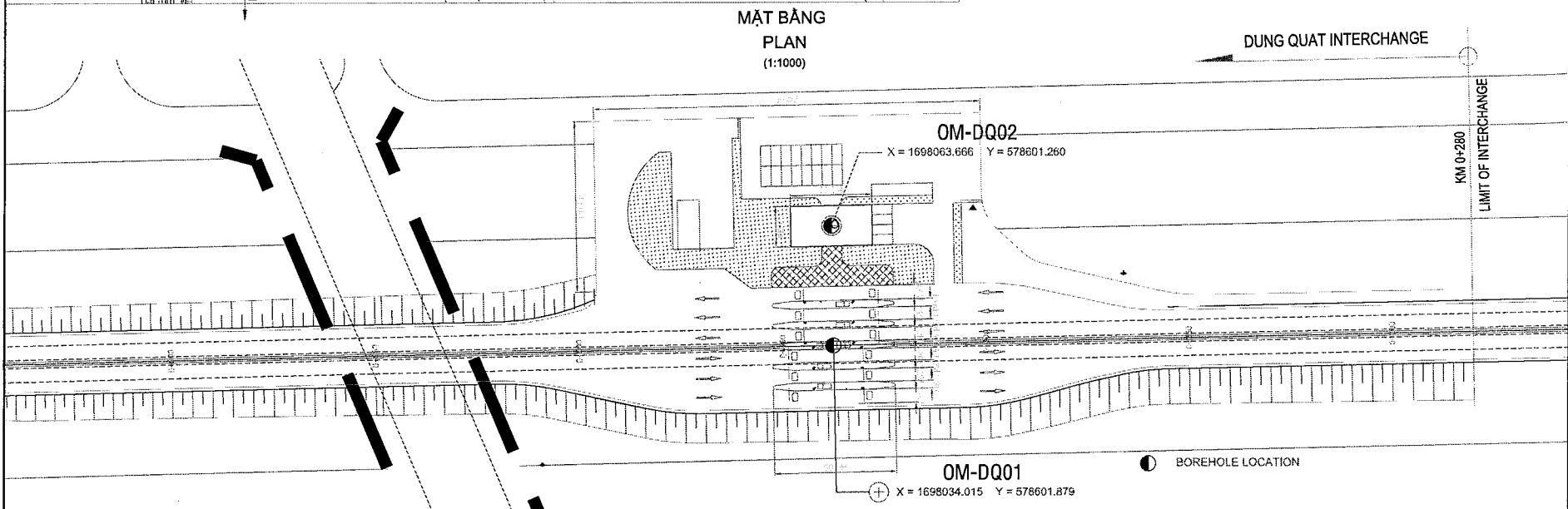
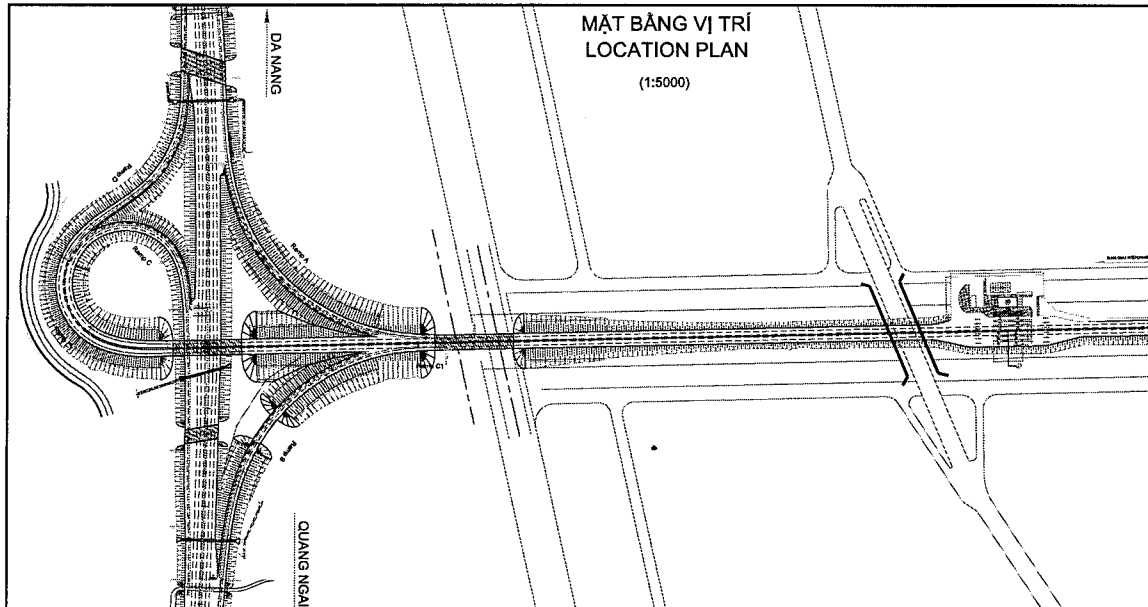


● BOREHOLE LOCATION

MINISTRY OF TRANSPORT VIETNAM		ENGINEERING DESIGN CONSULTANT		DA NANG-QUANG NGAI EXPRESSWAY DEVELOPMENT PROJECT				
CLIENT	PROJECT MANAGEMENT CONSULTANT	The Joint Venture of Nippon Koei Co., Ltd. Nippon Engineering Consultants Co., Ltd. Chodal Co., Ltd. Thal Engineering Consultants Co., Ltd.		PREPARED BY	CHECKED BY	APPROVED BY		
VIETNAM EXPRESSWAY CORPORATION	PROJECT MANAGEMENT UNIT NO.85			NAME	VAN BA PHI	NG DOAN TINH	ICHIRO NOGUCHI	MẬT BẢNG TRẠM THU PHÍ CHU LAI PLAN OF CHU LAI TOLL OFFICE
				SIGNATURE		SCALE	DRAWING NO.	REV. NO.
				DATE		AS SHOWN	04MITS-8-0086	

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MINISTRY OF TRANSPORT VIETNAM

ENGINEERING DESIGN CONSULTANT

REMARKS:

DA NANG-QUANG NGAI EXPRESSWAY DEVELOPMENT PROJECT

CLIENT
VIETNAM EXPRESSWAY CORPORATION

PROJECT MANAGEMENT CONSULTANT
PROJECT MANAGEMENT UNIT NO.85

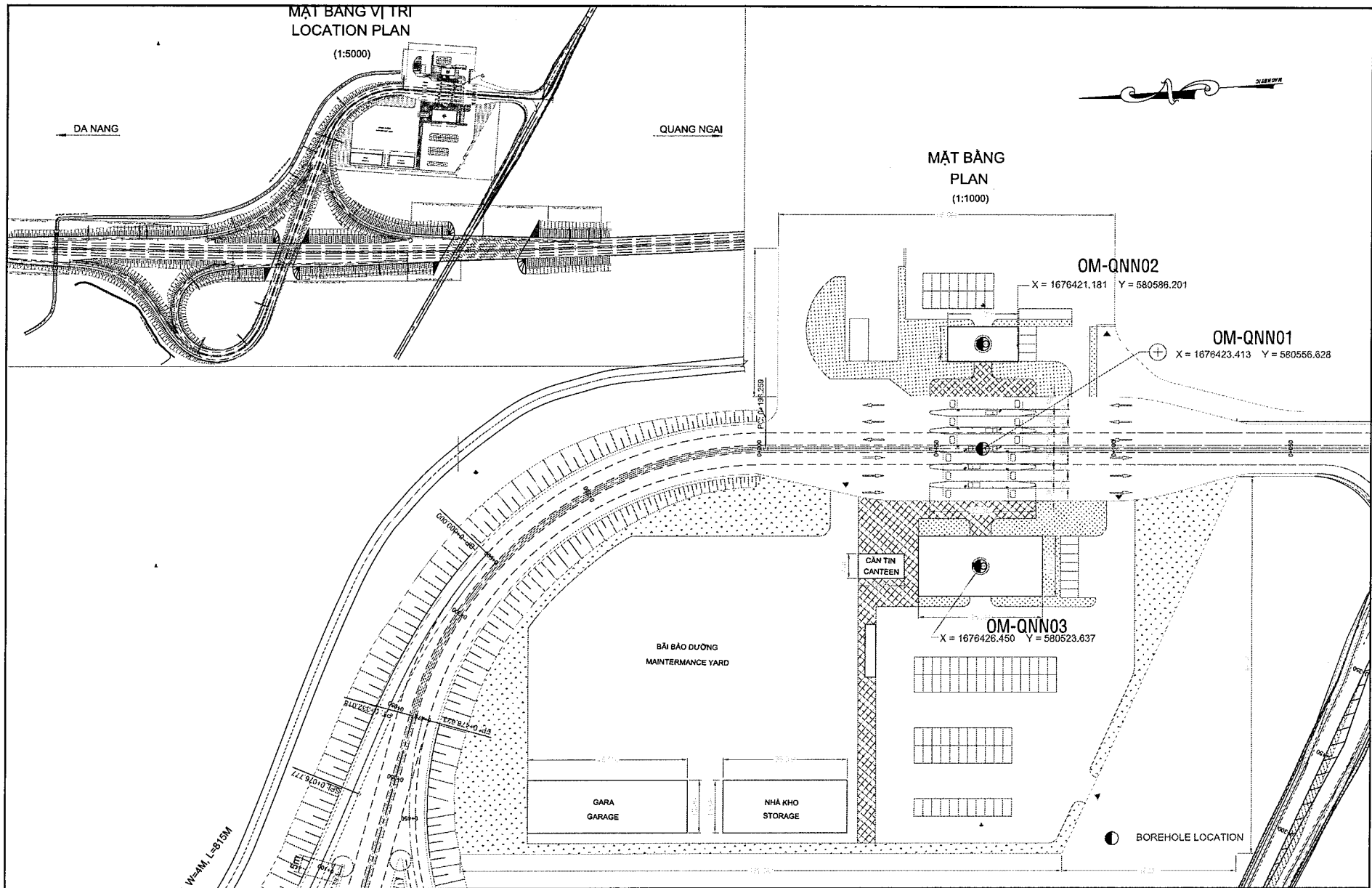
The Joint Venture of
Nippon Koei Co., Ltd.
Nippon Engineering Consultants Co., Ltd.
Chodal Co., Ltd.
Thai Engineering Consultants Co., Ltd.

NAME	PREPARED BY	CHECKED BY	APPROVED BY
SIGNATURE	VAN BA PHI	NG DOAN TINH	ICHIRO NOGUCHI
DATE			

MẶT BẰNG TRẠM THU PHÍ DUNG QUẤT PLAN OF DUNG QUAT TOLL OFFICE		
SCALE	DRAWING NO.	REV. NO.
AS SHOWN	DAM/TS-8-0070	

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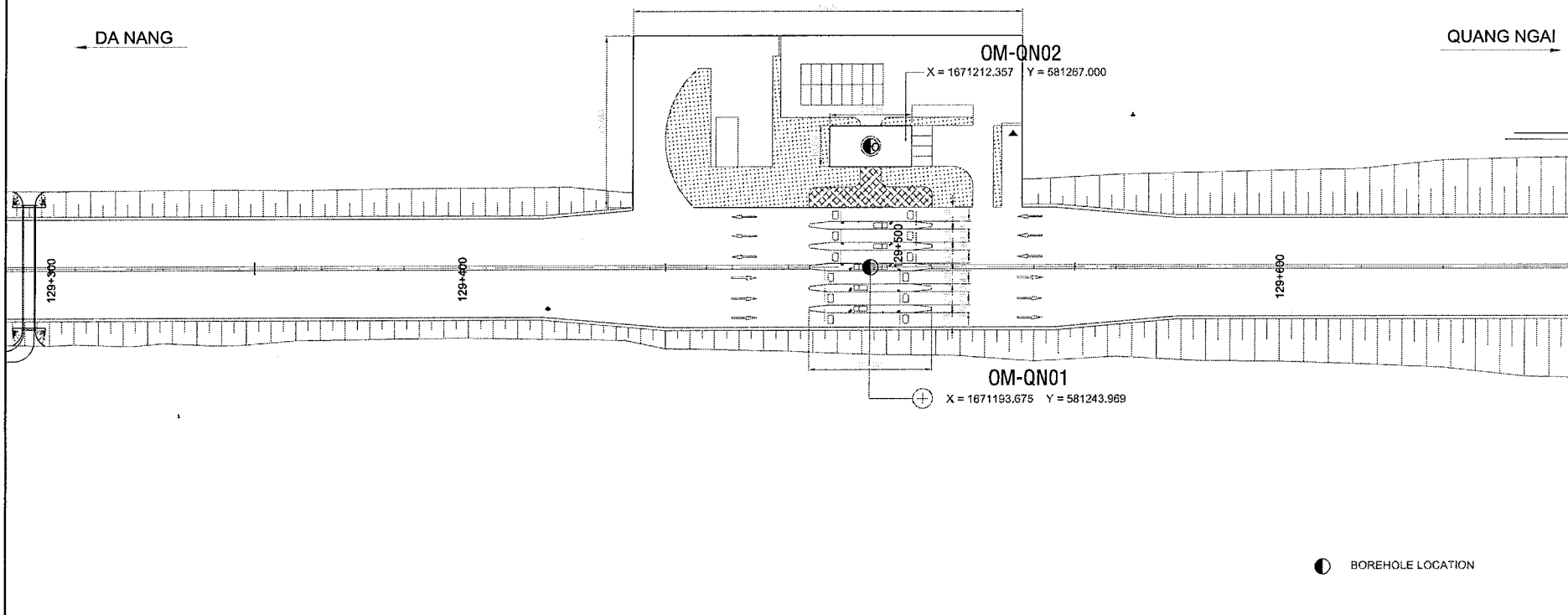
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MINISTRY OF TRANSPORT VIETNAM		ENGINEERING DESIGN CONSULTANT		REMARKS:				DA NANG-QUANG NGAI EXPRESSWAY DEVELOPMENT PROJECT		
CLIENT	PROJECT MANAGEMENT CONSULTANT	The Joint Venture of Nippon Koel Co., Ltd. Nippon Engineering Consultants Co., Ltd. Chodal Co., Ltd. Thai Engineering Consultants Co., Ltd.			PREPARED BY	CHECKED BY	APPROVED BY	MẶT BẰNG VĂN PHÒNG ĐIỀU HÀNH BẮC QUẢNG NGÃI PLAN OF QUANG NGAI NORTH MANAGEMENT OFFICE		
VIETNAM EXPRESSWAY CORPORATION	PROJECT MANAGEMENT UNIT NO.85				NAME	VAN BA PHI	NG DOAN TINH	ICHIRO NOGUCHI	SCALE	DRAWING NO.
					DATE			AS SHOWN	OAMITS-B-0080	

MẶT BẰNG
PLAN
(1:1000)

DA NANG

QUANG NGAI



● BOREHOLE LOCATION

MINISTRY OF TRANSPORT VIETNAM

ENGINEERING DESIGN CONSULTANT

REMARKS:

DA NANG-QUANG NGAI EXPRESSWAY DEVELOPMENT PROJECT

CLIENT
VIETNAM EXPRESSWAY CORPORATION

PROJECT MANAGEMENT CONSULTANT
PROJECT MANAGEMENT UNIT NO.85

The Joint Venture of
Nippon Koei Co., Ltd.
Nippon Engineering Consultants Co., Ltd.
Chodal Co., Ltd.
Thai Engineering Consultants Co., Ltd.

	PREPARED BY	CHECKED BY	APPROVED BY
NAME	VAN BA PHI	NG DOAN TINH	ICHIRO NOGUCHI
SIGNATURE			
DATE			

MẶT BẰNG TRẠM THU PHÍ QUANG NGAI
PLAN OF QUANG NGAI TOLL OFFICE

SCALE	DRAWING NO.	REV. NO.
AS SHOWN	OM/ITS-8-0010	

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**Appendix-G2: Work Quantities (Additional)
Boring for O&M Buildings**

Foundation Đền móng	Kind of structure Loại công trình		No. STP	Name of borehole Tên lỗ khoan	Station Ly (m)	Left (m)	Right (m)	Coordinate Tọa độ		Boring borehole Độ sâu	SP (m)	Sampling Mẫu	Distance Mẫu trong nguyên dạng	Boring Mẫu tại	OS (m) Độ sâu	Notes Ghi chú
	Bridge code Mã cầu	Others Khác						X (m)	Y (m)							
	OM		1	OM-TLTB01	KM4+100L	38.0	-	1766589.944	517267.752	23	12	12	3			
	OM		2	OM-TLTB02	KM4+196L	112.0	-	1766496.767	517409.181	23	12	12	3			
	OM		3	OM-TLTB03	KM4+105R	-	28.0	1766567.669	517194.036	23	12	12	3			
	OM		4	OM-MS01				1757476.974	518398.992	20	10	10	3			
	OM		5	OM-MS02				1757470.386	518427.909	20	10	10	3			
	OM		6	OM-HL01				1737553.526	535749.053	10	5	5	1			
	OM		7	OM-HL02				1737572.812	535771.584	10	5	5	1			
	OM		8	OM-TK01				1718546.416	548483.673	10	5	5	1			
	OM		9	OM-TK02				1718541.622	548454.405	10	5	5	1			
	OM		10	OM-CL01				1707949.206	563458.581	15	8	8	2			
	OM		11	OM-CL02				1707970.507	563437.945	15	8	8	2			
	OM		12	OM-DQ01				1698034.015	578601.879	15	8	8	2			
	OM		13	OM-DQ02				1698063.666	578601.260	15	8	8	2			
	OM		14	OM-QNN01				1676423.413	580556.628	10	5	5	1			
	OM		15	OM-QNN02				1676421.181	580586.201	10	5	5	1			
	OM		16	OM-QNN03				1676426.450	580523.637	10	5	5	1			
	OM		17	OM-QNTB01	KM129+500	-	-	1671193.675	581243.969	15	8	8	2			
	OM		18	OM-QNTB02				1671212.357	581267.000	15	8	8	2			
TOTAL			18							269	139	139	34	0	0	

*Chú thích: Ưu tiên thực hiện các lỗ khoan khu vực Nút giao bắc Quảng Ngãi trước
Các khu vực còn lại sẽ thực hiện sau khi được phê duyệt của PMU85

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