

**PREPARATORY SURVEY FOR
THE PROJECT FOR IMPROVEMENT OF TRAFFIC CONTROL IN KAMPALA CITY
DRAWINGS**

FEBRUARY 2019

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

**ORIENTAL CONSULTANTS GLOBAL CO., LTD.
EIGHT-JAPAN ENGINEERING CONSULTANTS INC.**

**KAMPALA CAPITAL CITY AUTHORITY (KCCA)
THE REPUBLIC OF UGANDA**

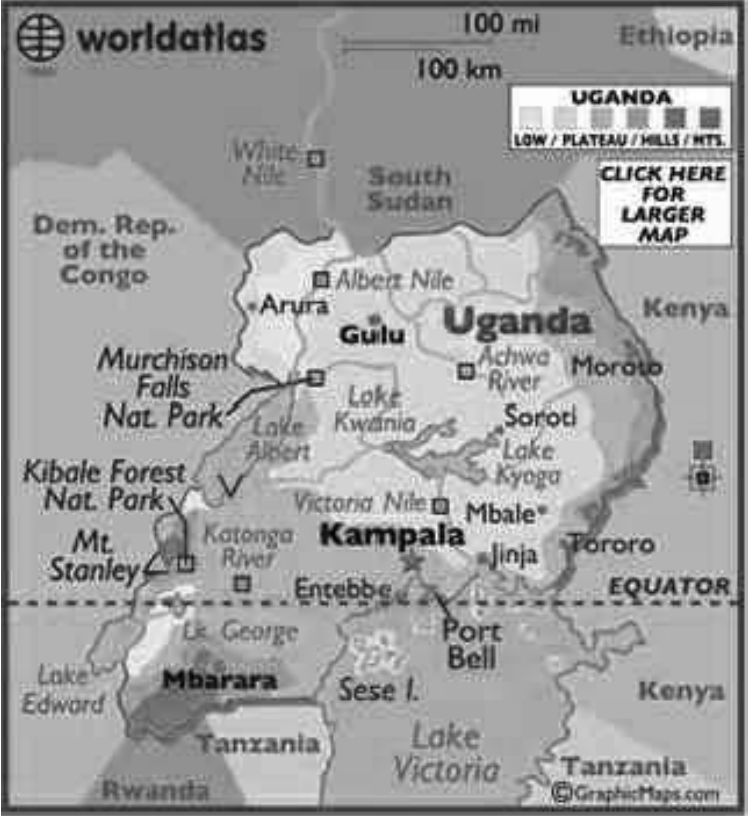
**PREPARATORY SURVEY FOR
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DRAWINGS**

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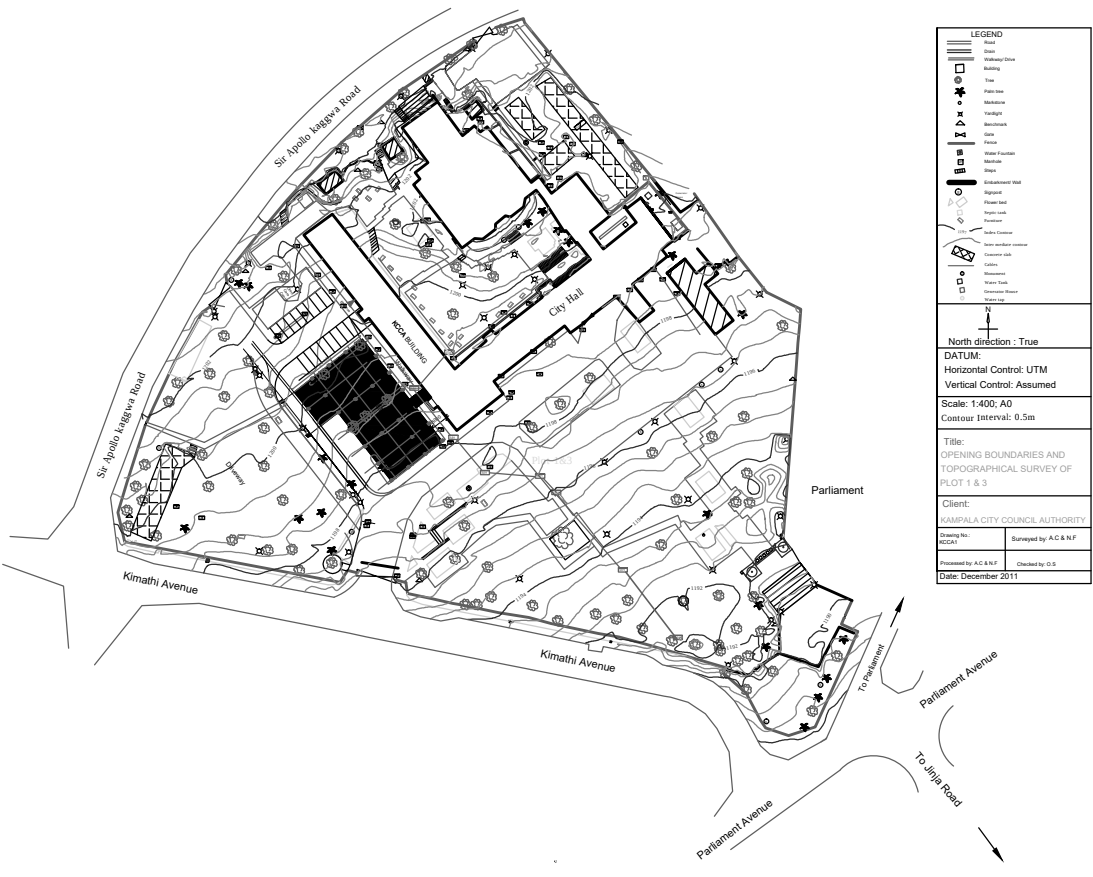
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A-000	DRAWING LIST		—	A-036	STAIR-2 DETAILS-1		1/60	A-072	KEY PLAN FOR FURNITURE-1			1/200						
A-001	LOCATION PLAN		1/5000	A-037	STAIR-2 DETAILS-2		1/60	A-073	KEY PLAN FOR FURNITURE-2			1/200						
A-002	SITE PLAN		1/1000	A-038	STAIR-3 DETAILS		1/50	A-074	KEY PLAN FOR FURNITURE-3			1/200						
A-003	FLOOR AREA SCHEDULE		—	A-039	STAIR-4 DETAILS		1/50	A-075	KEY PLAN FOR FURNITURE-4			1/200						
A-004	FINISH SCHEDULE-1		—	A-040	KEY PLAN FOR DOORS AND WINDOWS-1		1/250	A-076	SCHEDULE OF FURNITURE-1			1/30						
A-005	FINISH SCHEDULE-2		—	A-041	KEY PLAN FOR DOORS AND WINDOWS-2		1/250	A-077	SCHEDULE OF FURNITURE-2			1/30						
A-006	FINISH SCHEDULE-3		—	A-042	SCHEDULE FOR DOORS AND WINDOWS-1		1/100	A-078	CONNECTION BRIDGE DETAIL PLAN/PENTHOUSE DETAIL PLAN			1/50						
A-007	MEZZANINE B-1 FLOOR PLAN		1/200	A-043	SCHEDULE FOR DOORS AND WINDOWS-2		1/100	A-079	CONNECTION BRIDGE SECTIONAL DETAIL			1/50						
A-008	MEZZANINE GROUND FLOOR PLAN		1/200	A-044	SCHEDULE FOR DOORS AND WINDOWS-3		1/100	A-080	ELEVATED WATER RESERVOIR DETAIL			1/50						
A-009	1st FLOOR PLAN		1/200	A-045	INTERIOR ELEVATION-1		1/100	A-081	PART DETAILS-1(ROOF)			1/10						
A-010	2nd FLOOR PLAN		1/200	A-046	INTERIOR ELEVATION-2		1/100	A-082	PART DETAILS-2(WC)			1/20						
A-011	ROOF PLAN		1/200	A-047	INTERIOR ELEVATION-3		1/100	A-083	PART DETAILS-3(DOORS AND WINDOWS)			1/10						
A-012	PIT PLAN		1/200	A-048	INTERIOR ELEVATION-4		1/100	A-084	PART DETAILS-4(OTHERS)			1/10,40						
A-013	SOUTH-WEST ELEVATION		1/200	A-049	INTERIOR ELEVATION-5		1/100	A-085	PART DETAILS-5(OTHERS)			1/10,20						
A-014	NORTH-EAST ELEVATION		1/200	A-050	INTERIOR ELEVATION-6		1/100	A-086	PART DETAILS-6(OTHERS)			1/10,20						
A-015	NORTH-WEST ELEVATION		1/200	A-051	INTERIOR ELEVATION-7		1/100	A-087	ETERNAL PLAN			1/200						
A-016	SOUTH-EAST ELEVATION		1/200	A-052	INTERIOR ELEVATION-8		1/100	A-088	BLIND DETAIL			1/3						
A-017	SECTION-1		1/200	A-053	INTERIOR ELEVATION-9		1/100											
A-018	SECTION-2		1/200	A-054	INTERIOR ELEVATION-10		1/100											
A-019	SECTIONAL DETAIL-1		1/50	A-055	INTERIOR ELEVATION-11		1/100											
A-020	SECTIONAL DETAIL-2		1/50	A-056	INTERIOR ELEVATION-12		1/100											
A-021	SECTIONAL DETAIL-3		1/50	A-057	INTERIOR ELEVATION-13		1/100											
A-022	1st FLOOR DETAILED PLAN-1		1/50	A-058	INTERIOR ELEVATION-14		1/100											
A-023	DETAILED PLAN-2		1/50	A-059	INTERIOR ELEVATION-15		1/100											
A-024	DETAILED PLAN-3		1/50	A-060	INTERIOR ELEVATION-16		1/100											
A-025	DETAILED PLAN-4		1/50	A-061	INTERIOR ELEVATION-17		1/100											
A-026	DETAILED PLAN-5		1/50	A-062	INTERIOR ELEVATION-18		1/100											
A-027	DETAILED PLAN-6		1/50	A-063	CEILING PLAN:MEZZANINE BASEMENT FLOOR PLAN		1/100											
A-028	2nd FLOOR DETAILED PLAN-1		1/50	A-064	CEILING PLAN:MEZZANINE GROUND FLOOR PLAN		1/100											
A-029	DETAILED PLAN-2		1/50	A-065	CEILING PLAN:1st FLOOR PLAN		1/100											
A-030	DETAILED PLAN-3		1/50	A-066	CEILING PLAN:2nd FLOOR PLAN		1/100											
A-031	DETAILED PLAN-4		1/50	A-067	KEY PLAN FOR SIGN-1		1/200											
A-032	DETAILED PLAN-5		1/50	A-068	KEY PLAN FOR SIGN-2		1/200											
A-033	DETAILED PLAN-6		1/50	A-069	KEY PLAN FOR SIGN-3		1/200											
A-034	STAIR-1 DETAILS-1		1/60	A-070	KEY PLAN FOR SIGN-4		1/200											
A-035	STAIR-1 DETAILS-2		1/60	A-071	SCHEDULE OF SIGN		1/10,1/5,1/2											
 Japan International Cooperation Agency (JICA)			 <i>For a better City</i> P.O BOX 2010 KAMPALA-UGANDA Ph: 13 4036 4036/4036 4036 Tel: 105 80446000, 105 414231446 Email: info@kcca.go.ug Web: www.kcca.go.ug FB: facebook.com/kccaug Twitter: @KCCAug			 Design Engineer Oriental Consultants Global Co., Ltd.  Eight-Japan Engineering Consultant Inc.		Project Project for Improvement of Traffic Control in Kampala City		TITLE: DRAWING LIST		Scale: NTS		DESIGNED BY:				A-000
														DRAWN BY:				
														CHECKED BY:				
														APPROVED BY:				
														DATE:	NOVEMBER, 2017			



1 COUNTRY MAP
Scale:NTS



2 KAMPALA CITY MAP
Scale:NTS



3 SITE PLAN
Scale:NTS



LEGEND

- Road
- Drain
- Walkway/ Drive
- ▣ Building
- Tree
- ✱ Palm tree
- Markstone
- ✕ Yardlight
- △ Benchmark
- ▽ Gate
- Fence
- Water Fountain
- Manhole
- Steps
- Embankment/ Wall
- Signpost
- Flower bed
- Septic tank
- Furniture
- 1197 Index Contour
- Inter mediate contour
- Concrete slab
- Cables
- Monument
- Water Tank
- Generator House
- Water tap

North direction : True

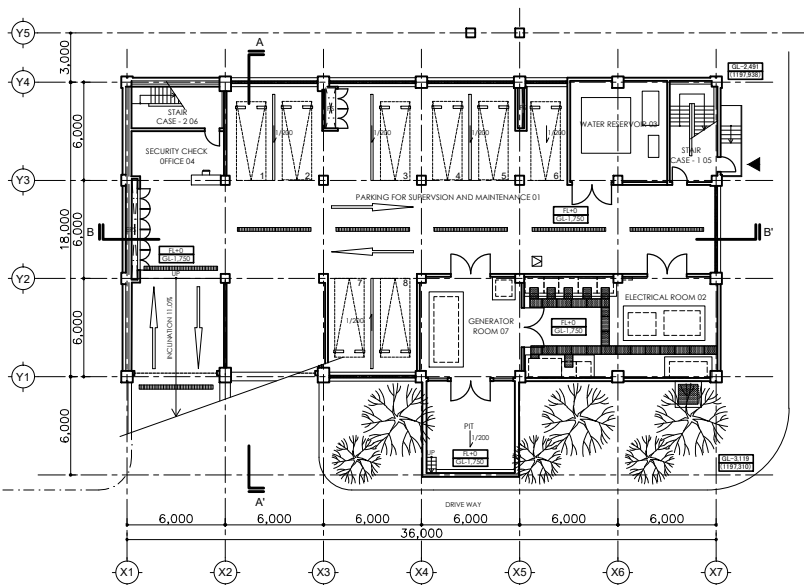
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Vertical Control: Assumed

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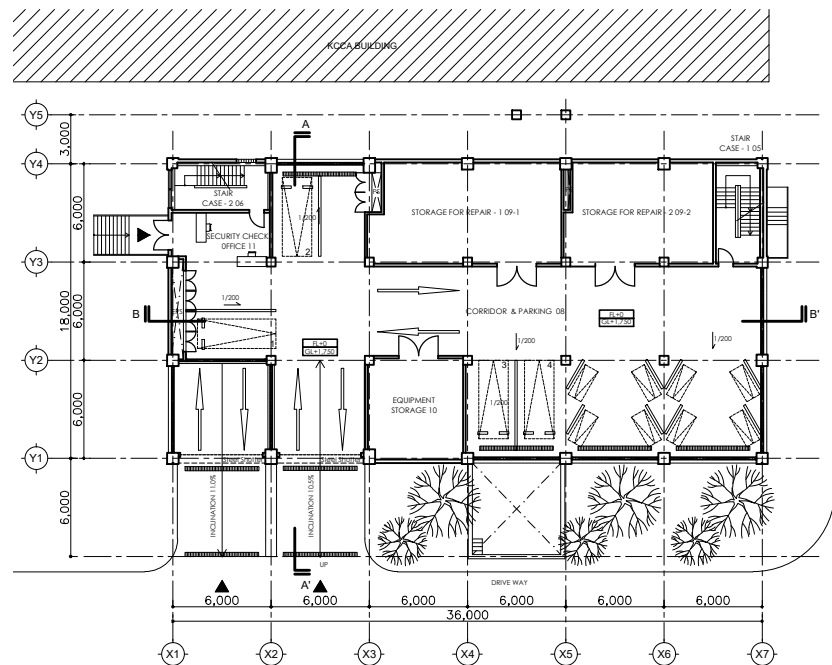
Title:
OPENING BOUNDARIES AND
TOPOGRAPHICAL SURVEY OF
PLOT 1 & 3

Client:
KAMPALA CITY COUNCIL AUTHORITY

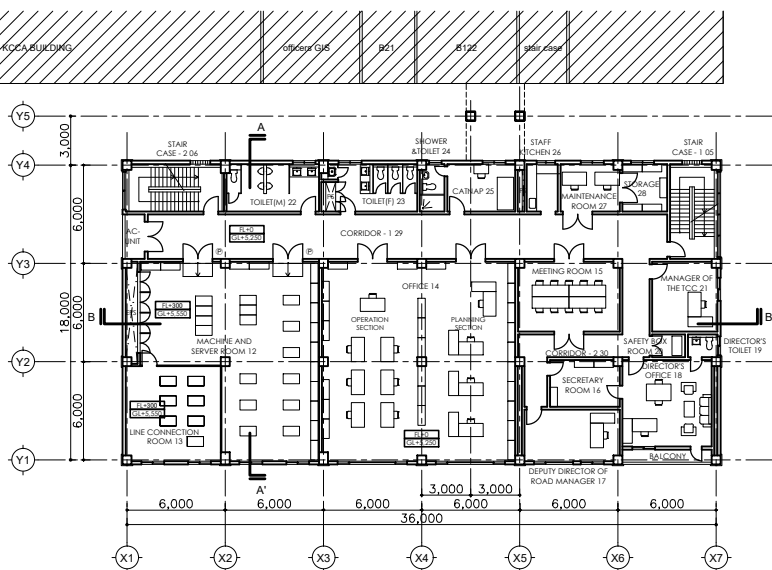
Drawing No.: KCCA1	Surveyed by: A.C & N.F
Processed by: A.C & N.F	Checked by: O.S
Date: December 2011	



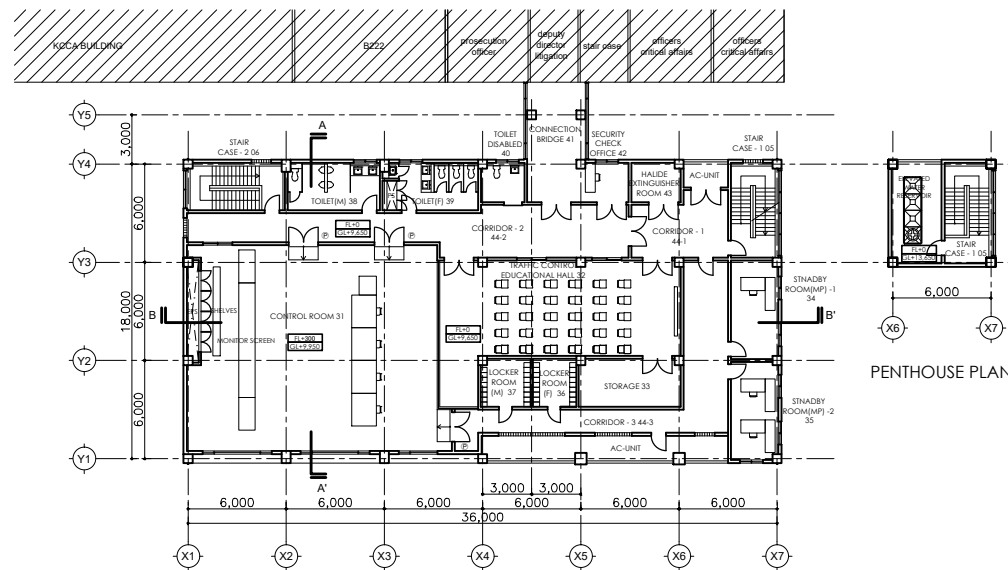
Mezzanine Basement Floor Plan



Mezzanine Ground Floor Plan



1st Floor Plan



2nd Floor Plan

No.	Room Name	AREA	TOTAL
1	PARKING FOR SUPERVISE AND MAINTENANCE	371.21	MEZZANINE BASEMENT FLOOR
2	ELECTRICAL ROOM	77.41	
3	WATER RESERVOIR	38.00	
4	SECURITY CHECK OFFICE	20.25	
7	GENERATOR ROOM	40.61	
TOTAL			547.48 m ²
5	STAIR CASE - 1	19.63	MEZZANINE GROUND FLOOR
6	STAIR CASE - 2	19.05	
8	CORRIDOR AND PARKING	314.76	
9	STORAGE FOR REPAIR - 1	78.00	
	STORAGE FOR REPAIR - 2	58.00	
10	EQUIPMENT STORAGE	38.19	
11	SECURITY CHECK OFFICE	20.25	
TOTAL			547.88 m ²
12	MACHINE AND SERVER ROOM	114.00	FIRST FLOOR
13	LINE CONNECTION ROOM	34.81	
14	OFFICE	148.00	
15	MEETING ROOM	28.29	
16	SECRETARY ROOM	13.42	
17	DEPUTY DIRECTOR OF ROAD MANAGER	21.31	
18	DIRECTOR'S OFFICE	38.00	
19	DIRECTOR'S TOILET	3.12	
20	SAFETY BOX ROOM	3.42	
21	MANAGER OF THE TCC	18.45	
22	TOILET(M)	18.51	
23	TOILET(F)	18.00	
24	SHOWER &TOILET	5.15	
25	CATNAP	14.00	
26	STAFF KITCHEN	7.4	
27	MAINTENANCE ROOM	12.00	
28	STORAGE	9.00	
29	CORRIDOR - 1+AC Unit	96.47	
30	CORRIDOR - 2	27.00	
TOTAL			630.35 m ²
31	CONTROL ROOM	209.00	SECOND FLOOR
32	TRAFFIC CONTROL EDUCATIONAL HALL	97.00	
33	STORAGE	20.00	
34	STNADBY ROOM(MP) -1	19.00	
35	STNADBY ROOM(MP) -2	19.00	
36	LOCKER ROOM(F)	9.00	
37	LOCKER ROOM(M)	9.80	
38	TOILET(M)	18.51	
39	TOILET(F)	18.00	
40	TOILET DISABLED	8.00	
41	CONNECTION BRIDGE	22.23	
42	SECURITY CHECK OFFICE	7.30	
43	HALIDE EXTINGUISHER ROOM	8.25	
44	CORRIDOR - 1	23.00	
	CORRIDOR - 2	69.00	
	CORRIDOR - 3	56.00	
	AC UNIT	31.00	
	ELEVATED WATER RESERVOIR	21.00	
TOTAL			665.09 m ²
TOTAL		2390.80 m ²	2390.80 m ²



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For a better City

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Design Engineer
Oriental Consultants Global Co., Ltd.
Eight-Japan Engineering Consultant Inc.

Project

Project for Improvement
of Traffic Control in Kampala City

TITLE:

FLOOR AREA SCHEDULE

Scale:

NTS

DESIGNED BY:

DRAWN BY:

CHECKED BY:

APPROVED BY:

DATE:

APRIL, 2018

A-003

Drawing No:

SHEET No:

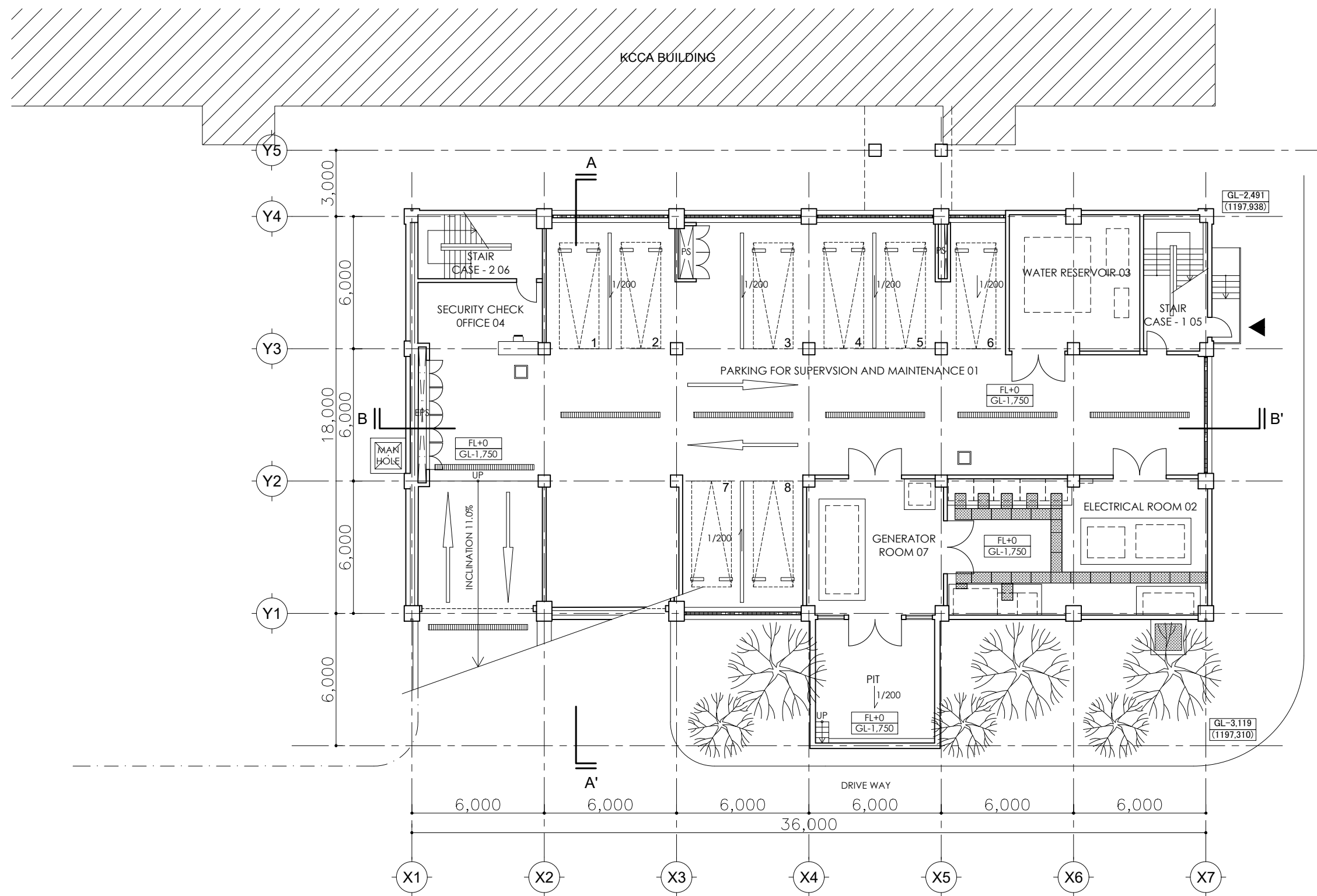
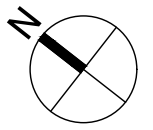
EXTERIOR FINISH SCHEDULE										EXTERNAL FINISH SCHEDULE									
ROOF	PITCHED ROOF	COLOR GALVALUME SHEET t0.5	WINDOW DOOR	FRAME	ALUMINUM ALUMITE, STEEL w/SOP														
		WOOD WOOL CEMENT BOARD t25			ALUMINUM ALUMITE, STEEL w/SOP														
	RAIN GUTTER	SUS		GLASS	FLOAT GLASS, PATTERNED GLASS					CURBSTONE	PRE-CAST CONCRETE								
	RAIN LEADER	SUS 100x100		GLASS BLOCK															
	FASCIA / VERGE	COLOR GALVALUME SHEET t0.5								PAVEMENT	DRIVE WAY : CONCRETE								
				SLOPE	SLOPE(IN/OUT PARKING)	CONCRETE TROWEL (NON SLIP)					WALK WAY : INTERLOCKING BLOCK								
				STEPS	ENTRANCE	LOCAL STONE				MAIN ENTRANCE STAIR	MORTAR STEEL TROWEL t18								
					OTHER STEPS	CONCRETE TROWEL (NON SLIP)					LOCAL STONE (SUS NON SLIP ON STEPS)								
WALL																			
				</															

INTERIOR FINISH SCHEDULE																				
FLOORS	Rm No	Rm NAME	FLOOR			BASEBOARD		WALL		CEILING				BLIND BOX CURTAIN BOX (S):SINGLE RAIL (W):DOUBLE RAIL	FLOOR AREA (in m ²)	REMARKS				
			MATERIAL/FINISH	CONC. LEVEL (from Rm Fl)	FINISH LEVEL (from Rm Fl)	MATERIAL/FINISH	H	MATERIAL/FINISH	BACKING /BASE	MATERIAL/FINISH	CEILING HEIGHT	CEILING MOLD								
1ST FLOOR	12	MACHINE AND SERVER ROOM	MORTAR STEEL TROWEL t18 OA FLOOR H=300 (PORCELAIN TILE)	-20	+300	-		MORTAR STEEL TROWEL t25 w/AEP	LGS	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD t15.0	3200		CURTAIN RAIL(W)							
	13	LINE CONNECTION ROOM	ditto	-20	+300	-		ditto	LGS	ditto	3200		CURTAIN RAIL(W)							
	14	OFFICE(OPERATION & PLANNING SECTIONS)	MORTAR STEEL TROWEL URETHANE FLOOR COAT A	-20	±0	MORTAR STEEL TROWEL URETHANE COAT	100	ditto	LGS	ditto	2700		CURTAIN RAIL(W)		OFFICE FURNITURE					
	15	MEETING ROOM	ditto	-20	±0	ditto	100	ditto	LGS	ditto	2700				OFFICE FURNITURE					
	16	SECRETARY ROOM	MORTAR STEEL TROWEL PORCELAIN TILE	-20	±0	ditto	100	ditto	LGS	ditto	2700				OFFICE FURNITURE					
	17	DEPUTY DIRECTOR OF ROAD MANAGEER	ditto	-20	±0	ditto	100	ditto	LGS	ditto	2700		CURTAIN RAIL(W)							
	18	DIRECTOR'S OFFICE	ditto	-20	±0	ditto	100	ditto	LGS	ditto	2700		CURTAIN RAIL(W)		OFFICE FURNITURE					
	19	DIRECTOR'S TOILET	ditto	-20	±0	ditto	100	ditto	LGS	ditto	2700				COUNTER (MARBLE)					
	20	SAFETY BOX ROOM	MORTAR STEEL TROWEL URETHANE FLOOR COAT A	-20	±0	ditto	100	ditto	LGS	ditto	2700									
	21	MANAGER OF THE TCC	MORTAR STEEL TROWEL PORCELAIN TILE	-20	±0	ditto	100	ditto	LGS	ditto	2700									
	22	TOILET(M)	MORTAR STEEL TROWEL PORCELAIN TILE(NON SLIP)	-150	-50~-100	ditto	100	MORTAR STEEL TROWEL CERAMIC TILE (H=2000)	LGS	ditto	2700	plastic			BOOTH, LINING, MIRROR					
	23	TOILET(F)	ditto	-150	-50~-100	ditto	100	ditto	LGS	ditto	2700	plastic			BOOTH, LINING, MIRROR					
	24	SHOWER & Tilet IN CATNAP	ditto	-20	±0	ditto	-	ditto	LGS	Fiber Reinforced Cement board t=4.0+4.0 w/VP	2700									
	25	CATNAP	MORTAR STEEL TROWEL URETHANE FLOOR COAT A	-20	±0	ditto	100	MORTAR STEEL TROWEL t25 w/AEP		SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD t15.0	2700									
	26	STAFF KITCHEN	ditto	-20	±0	ditto	100	ditto		ditto	2700				KITCHEN COUNTER, WALL UNIT					
	27	MAINTENANCE ROOM	MORTAR STEEL TROWEL URETHANE FLOOR COAT A	-20	±0	ditto		ditto		ditto	2700									
	28	STORAGE	ditto	-20	±0	ditto		ditto		PATCHING MORTAR w/VP										
	29	CORRIDOR-1	ditto	-20	±0	ditto		ditto		SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD t15.0	2700									
	29-1	AC Unit	ditto	-20	±0			ditto		Fiber Reinforced Cement board t=4.0+4.0 w/VP	2700									
	30	CORRIDOR-2	ditto	-20	±0	ditto		ditto		SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD t15.0	2700									
ABBREVIATIONS CONC :CONCRETE LGS :LIGHT GAUGE STEEL (ready made stud/furring) PB :GYPSUM BOARD PVC :POLYVINYL CHLORIDE SOP :SYNTHETIC RESIN OIL PAINT UC :POLYURETHANE PREPOLYMER CB :CONCRETE BLOCK WJ :WALL JOINT METHOD (TAPERED BOARD WITH BUTT JOINT) FB :FIBER REINFORCED CEMENT BOARD PVC (non-asbestos) VP :VINYL RESIN ENAMEL EX :POLYURETHANE PREPOLYMER BR :BRICK FB :FLAT BAR (non-asbestos) PVC :HOMOGENEOUS SHEET(TILE) OS :OIL STAIN EX :CO-POLYMER EPOXY RESIN STL :STEEL SUS :STAINLESS STEEL RWB :ROCK WOOL ACOUSTIC BOARD GW :GLASS WOOL CL :CLEAR LACQUER SS :STRUCTURAL STEEL HL :HAIR LINE FINISH (shop coat with nominated color) SC :SYSTEM CEILING W :WOOD (Stud/furring) BP :BUFF POLISH FINISH wp :WATER-PROOF																				
PROJECT TITLE			GENERAL NOTE							NO DATE DESCRIPTIONS BY APP'D CHECKED BY			SCALE		DATE		DWG TITLE		DWG NO	
THE PROJECT FOR DEVELOPMENT OF TRAFFIC CONTROL IN KAMPAL CITY															Nov. 2017		FINISH SCHEDULE-2		A-005	
																	DESIGNED BY		ORIENTAL CONSULTANTS GLOBAL CO., LTD. Eight-Japan Engineering Consultants INC.	

[illegible]

ABBREVIATIONS	CONC :CONCRETE	LGS :LIGHT GAUGE STEEL (ready made stud/furring)	PB :GYPSUM BOARD	PVC :POLYVINYL CHLORIDE	SOP :SYNTHETIC RESIN OIL PAINT	UC :POLYURETHANE PREPOLYMER
	CB :CONCRETE BLOCK	WJ :WALL JOINT METHOD (TAPERED BOARD WITH BUTT JOINT)	FB :FIBER REINFORCED CEMENT BOARD	PVC (L):LAMINATED SHEET(TILE)	VP :VINYL RESIN ENAMEL	EX (TWO PACK REACTIVE TYPE)
	BR :BRICK	FB :FLAT BAR	(non-asbestos)	PVC (H):HOMOGENEOUS SHEET(TILE)	OS :OIL STAIN	CO-POLYMER EPOXY RESIN
	STL :STEEL	SUS :STAINLESS STEEL	RWB :ROCK WOOL ACOUSTIC BOARD	GW :GLASS WOOL	CL :CLEAR LACQUER	
	SS :STRUCTURAL STEEL	IHL :HAIR LINE FINISH	(shop coat with nominated color)	SC :SYSTEM CEILING		
	W :WOOD (Stud/furring)	BP :BUFF POLISH FINISH	wp :WATER-PROOF			

PROJECT TITLE THE PROJECT FOR DEVELOPMENT OF TRAFFIC CONTROL IN KAMPAL CITY	GENERAL NOTE					SCALE	DWG TITLE FINISH SCHEDULE-3	DWG NO A-006
						DATE		
						Nov. 2017		
						DRAWING BY		
						DESIGNED BY		
		NO	DATE	DESCRIPTIONS	BY	APP'D	CHECKED BY	ORIENTAL CONSULTANTS GLOBAL CO., LTD. Eight-Japan Engineering Consultants INC.
		REVISIONS						



MEZZANINE BASEMENT FLOOR PLAN



Japan International Cooperation Agency
(JICA)



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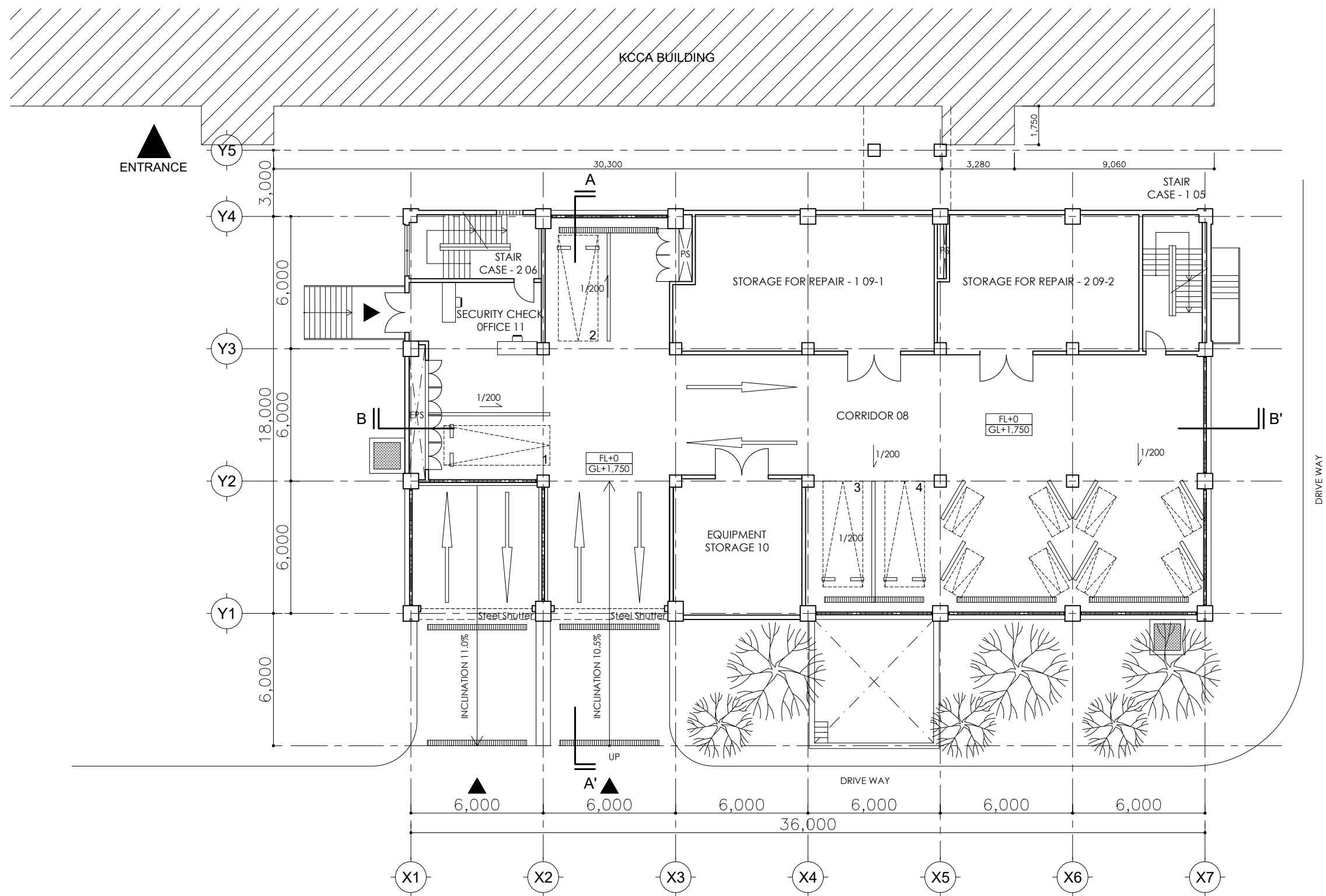
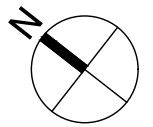
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MEZZANINE BASEMENT
FLOOR PLAN

Scale:

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1:200(A3)

DESIGNED BY:				A-007 Drawing No: SHEET No:
DRAWN BY:				
CHECKED BY:				
APPROVED BY:				
DATE:	NOVEMBER, 2017			



MEZZANINE GROUND FLOOR PLAN



Japan International Cooperation Agency
(JICA)



For a better City

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Design Engineer
Oriental Consultants Global Co., Ltd.



Eight-Japan Engineering Consultant Inc.

Project

Project for Improvement
of Traffic Control in Kampala City

TITLE:

MEZZANINE GROUND
FLOOR PLAN

Scale:

1:100(A1)
1:200(A3)

DESIGNED BY:

DRAWN BY:

CHECKED BY:

APPROVED BY:

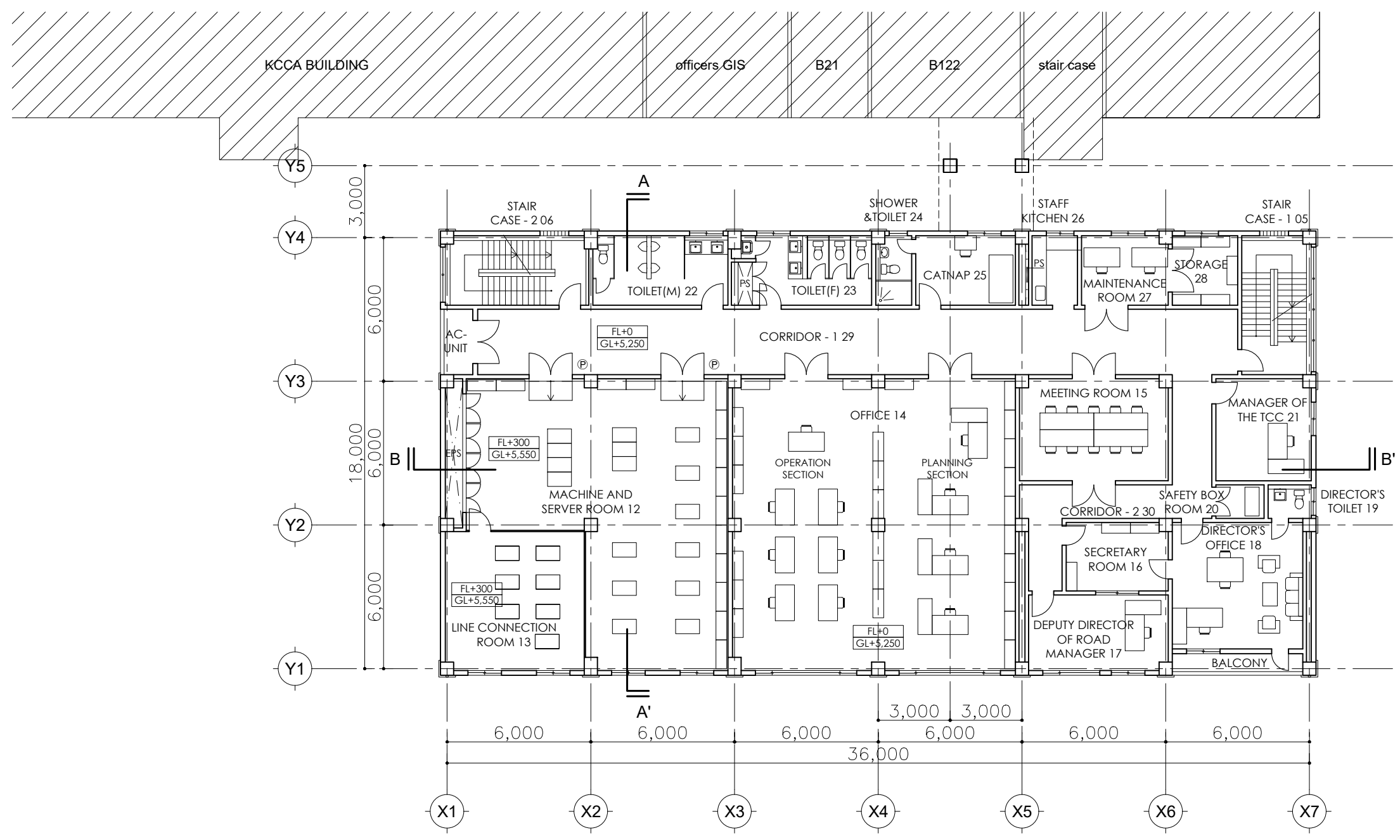
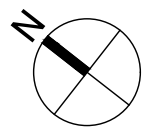
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NOVEMBER, 2017

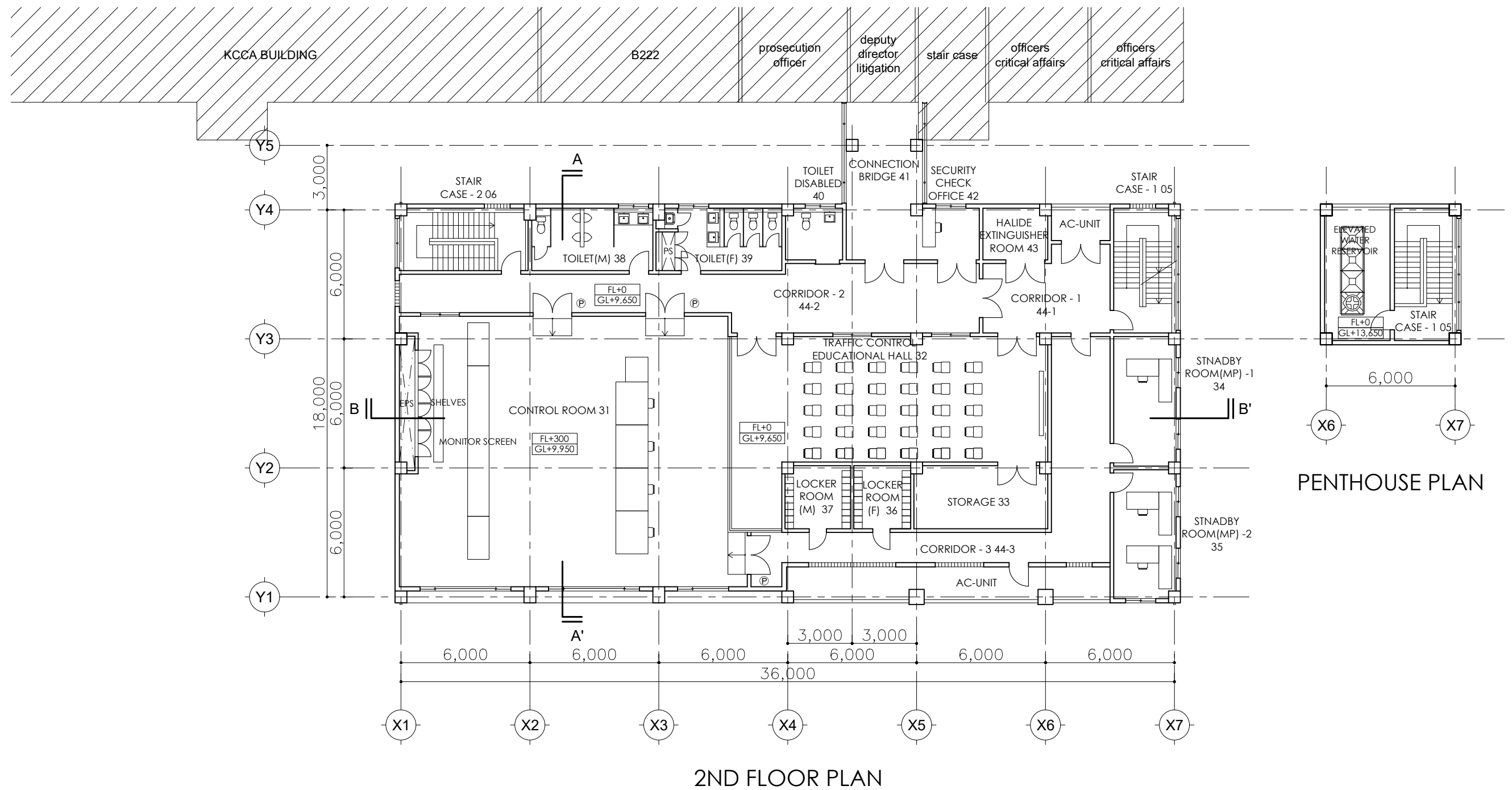
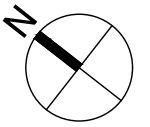
A-008

Drawing No:

SHEET No:



1ST FLOOR PLAN



2ND FLOOR PLAN

PENTHOUSE PLAN



Japan International Cooperation Agency
(JICA)



For a better City

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Project

Project for Improvement
of Traffic Control in Kampala City

TITLE:

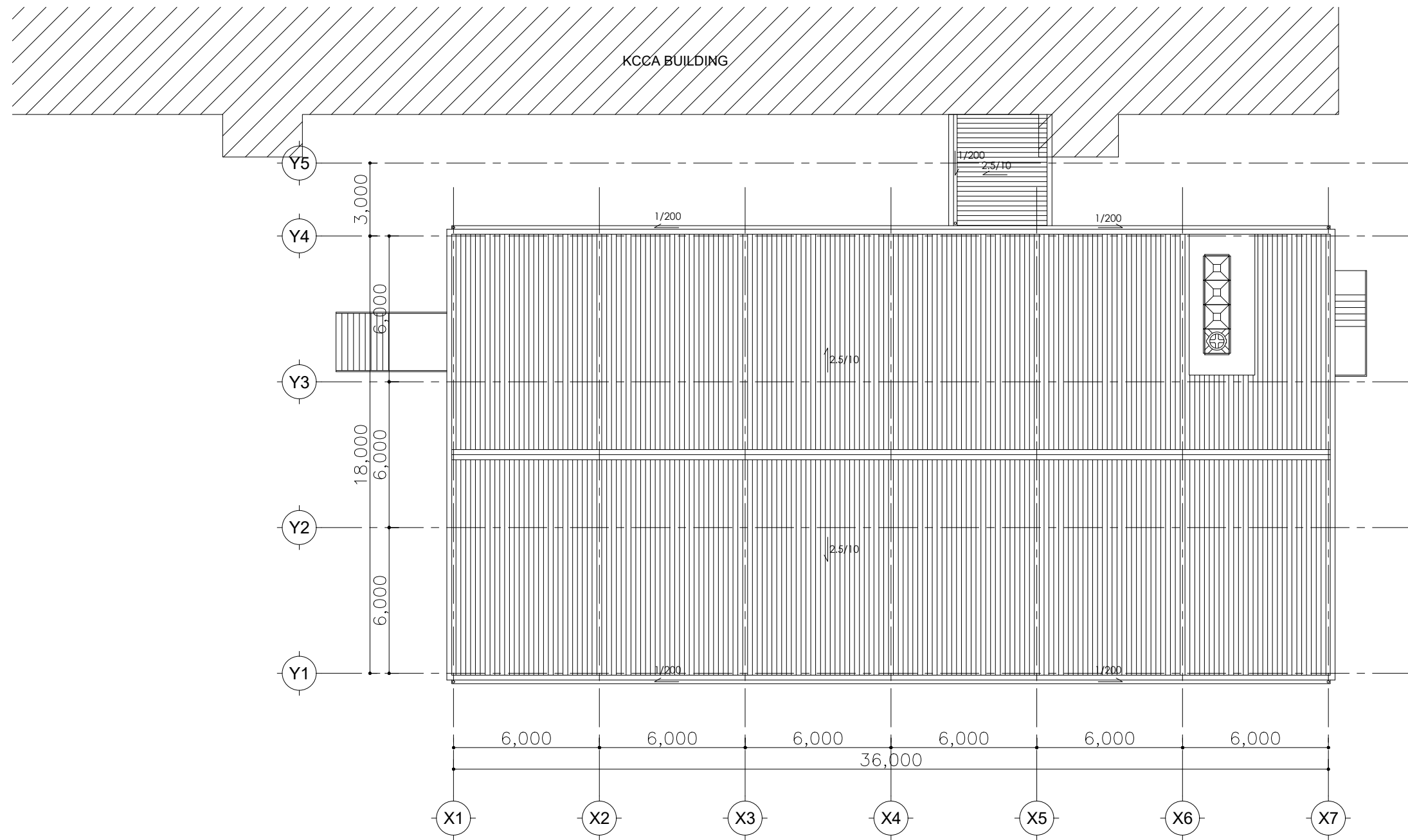
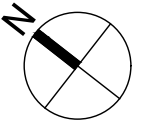
2ND FLOOR PLAN

Scale:
1:100(A1)
1:200(A3)

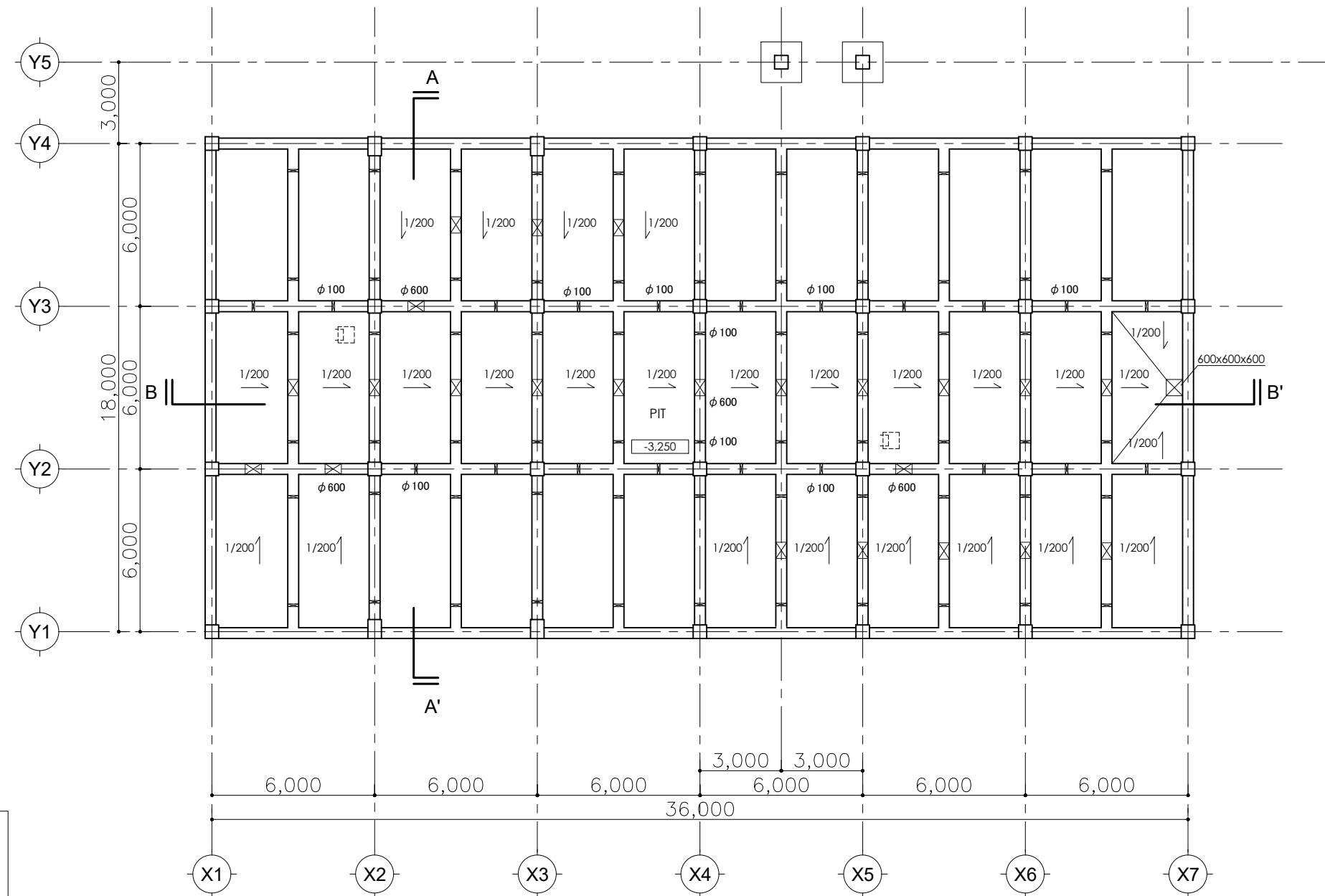
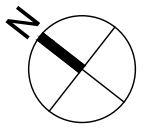
DESIGNED BY:			
DRAWN BY:			
CHECKED BY:			
APPROVED BY:			
DATE:	NOVEMBER, 2017		

A-010

Drawing No:
SHEET No:



ROOF FLOOR PLAN



Pit Floor Plan Legend

- 3,250 -Level from GFL
-  Floor Hatch 600x600
w400 d150 @350
3-Step Each
-  Maintenance Access Hole
φ600
-  Ventilation Hole / Drainage Hole
φ100

PIT FLOOR PLAN



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(JICA)



Design Engineer
Oriental Consultants Global Co., Ltd.
Eight-Japan Engineering Consultant Inc.

Project
Project for Improvement
of Traffic Control in Kampala City

TITLE:
PIT FLOOR PLAN

Scale:
1:100(A1)
1:200(A3)

DESIGNED BY:				A-012 Drawing No: SHEET No:
DRAWN BY:				
CHECKED BY:				
APPROVED BY:				
DATE:	NOVEMBER, 2017			



SOUTH - WEST ELEVATION



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For a better City

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Eight-Japan Engineering Consultant Inc.

Project

Project for Improvement
of Traffic Control in Kampala City

TITLE:

SOUTH - WEST ELEVATION

Scale:

1:100(A1)
1:200(A3)

DESIGNED BY:

DRAWN BY:

CHECKED BY:

APPROVED BY:

DATE:

APRIL, 2018

A-013

Drawing No:

SHEET No:



NORTH - EAST ELEVATION



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Project

Project for Improvement
of Traffic Control in Kampala City

TITLE:

NORTH - EAST ELEVATION

Scale:

1:100(A1)
1:200(A3)

DESIGNED BY:

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CHECKED BY:

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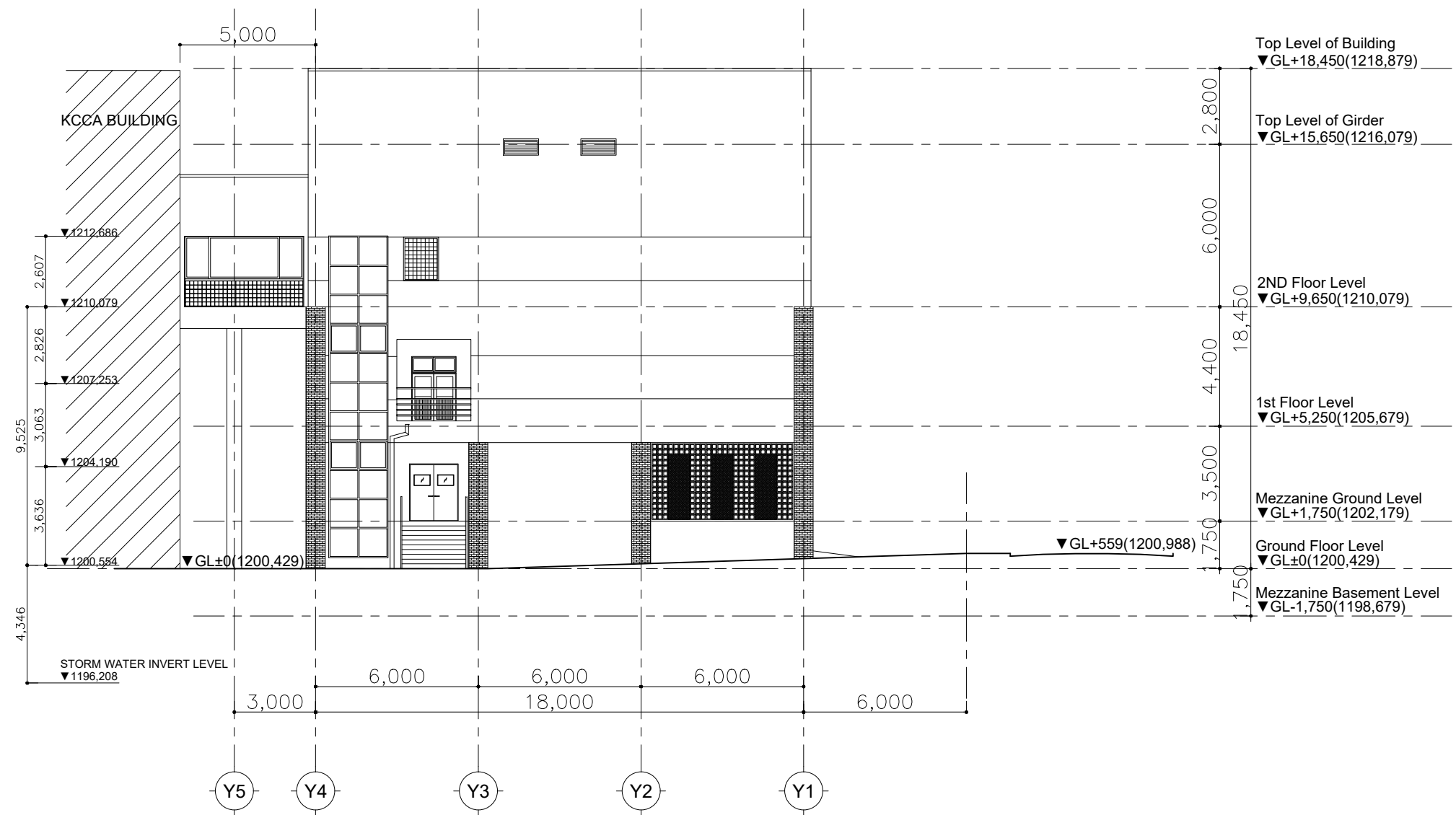
DATE:

APRIL, 2018

A-014

Drawing No:

SHEET No:



NORTH - WEST ELEVATION



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Eight-Japan Engineering Consultant Inc.

Project

Project for Improvement
of Traffic Control in Kampala City

TITLE:

NORTH - EAST ELEVATION

Scale:

1:100(A1)
1:200(A3)

DESIGNED BY:			
DRAWN BY:			
CHECKED BY:			
APPROVED BY:			
DATE:	APRIL, 2018		

A-015

Drawing No:
SHEET No:



SOUTH - EAST ELEVATION



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of Traffic Control in Kampala City

Title:

NORTH - EAST ELEVATION

Scale:

1:100(A1)
1:200(A3)

DESIGNED BY:

DRAWN BY:

CHECKED BY:

APPROVED BY:

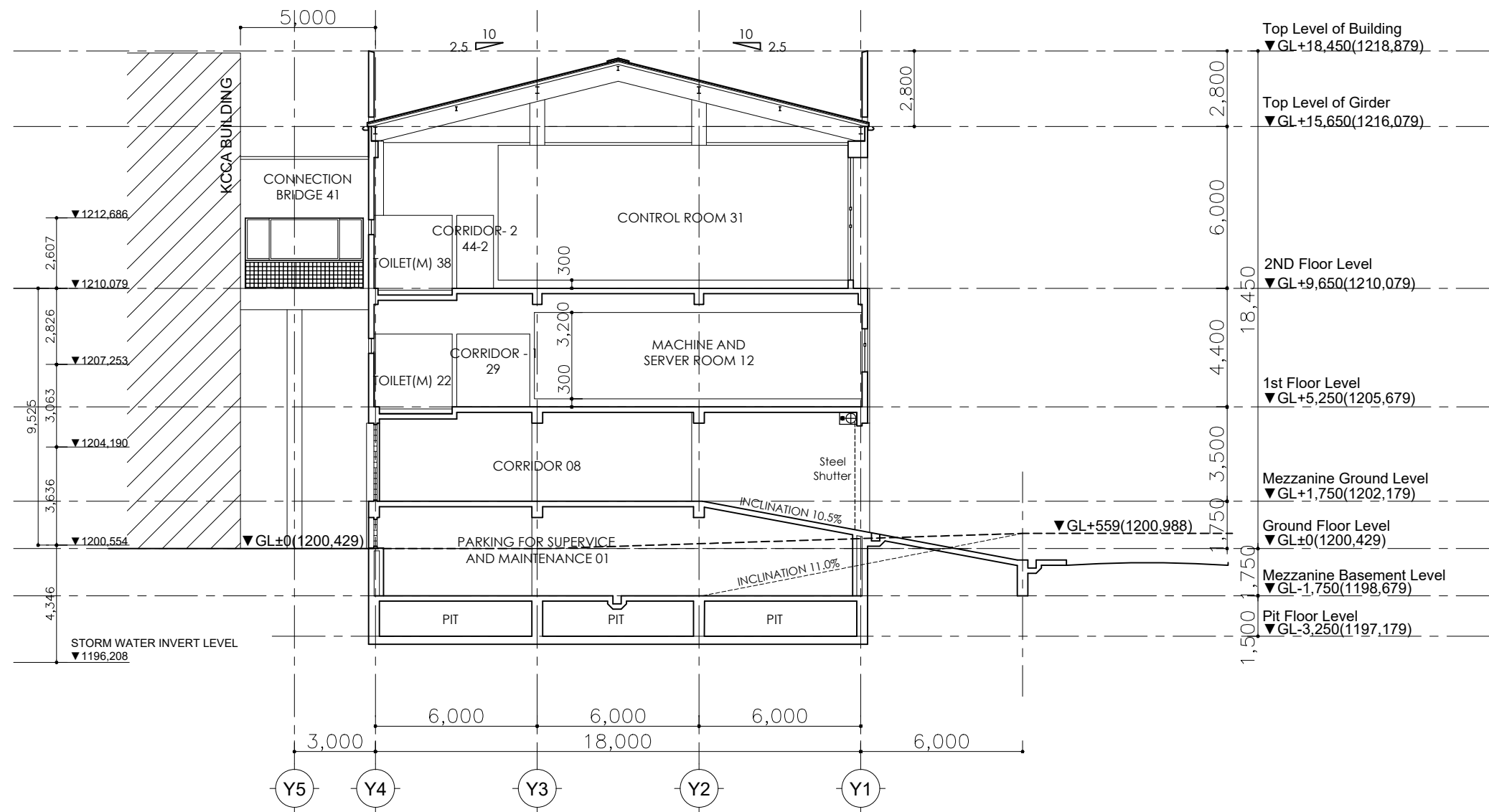
DATE:

APRIL, 2018

A-016

Drawing No:

SHEET No:



SECTION A - A'



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Project

Project for Improvement
of Traffic Control in Kampala City

TITLE:

SECTION - 1

Scale:

1:100(A1)
1:200(A3)

DESIGNED BY:

DRAWN BY:

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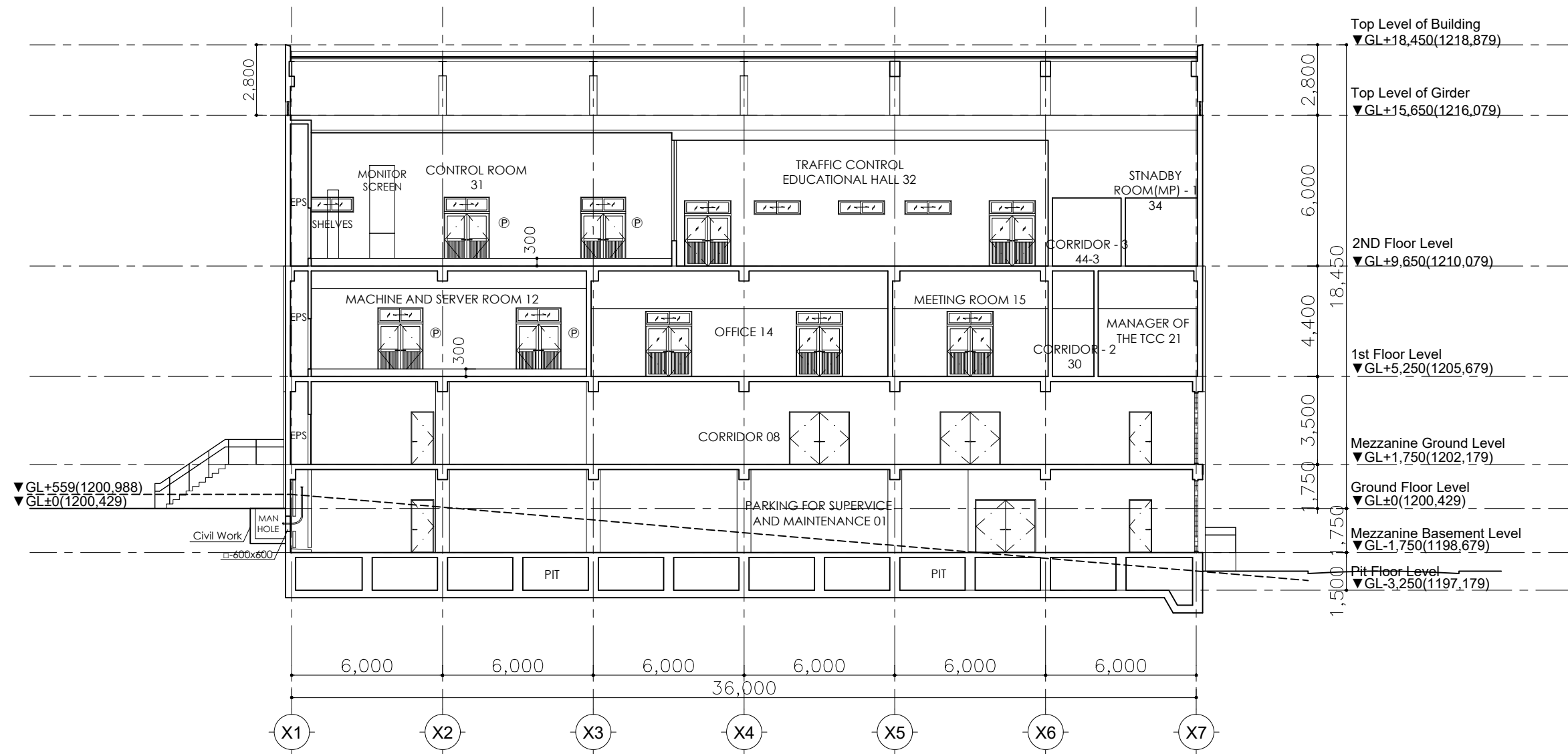
DATE:

APRIL, 2018

A-017

Drawing No:

SHEET No:



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Project

Project for Improvement
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TITLE:

SECTION - 2

Scale:

1:100(A1)
1:200(A3)

DESIGNED BY:

DRAWN BY:

CHECKED BY:

APPROVED BY:

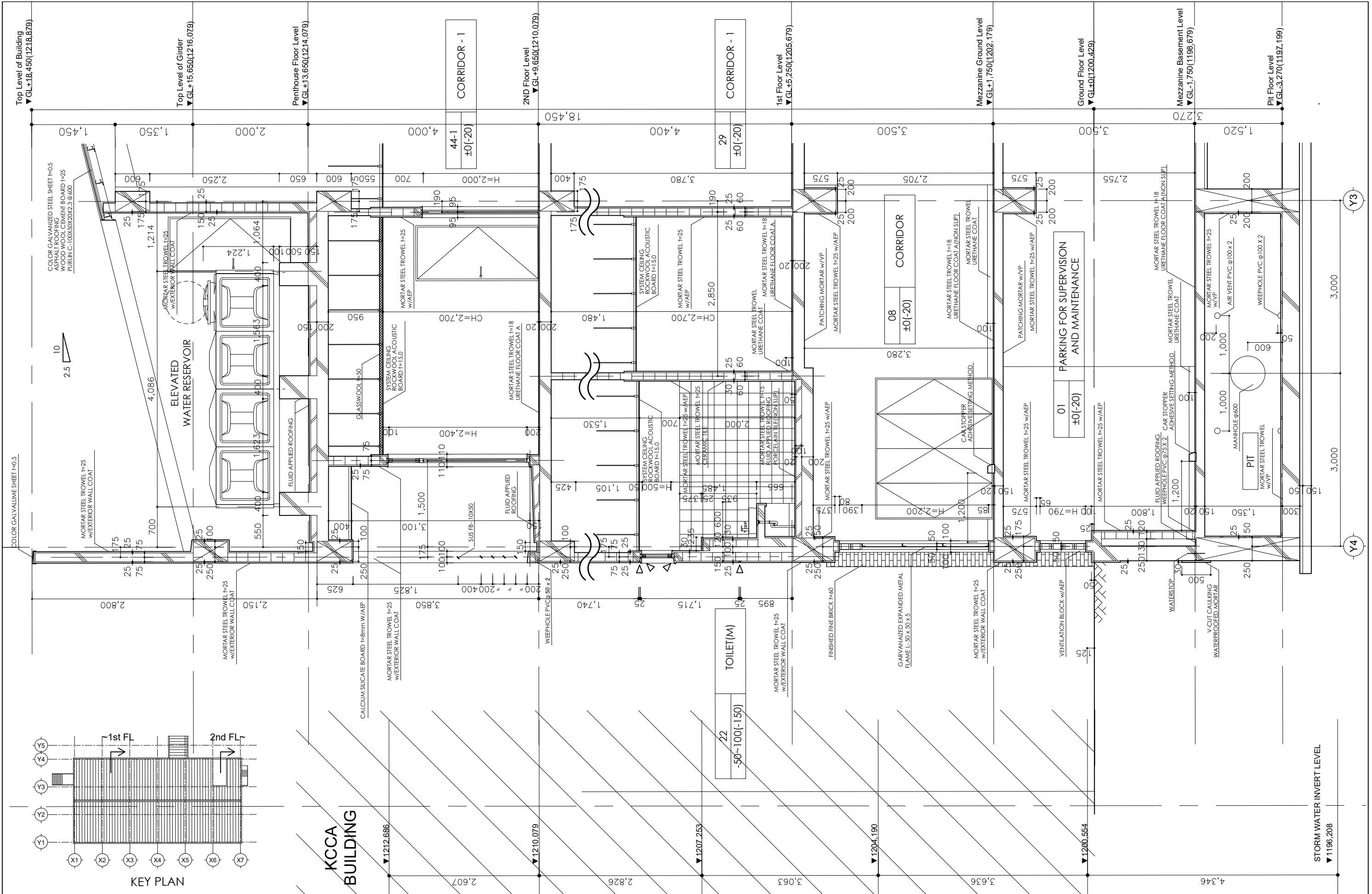
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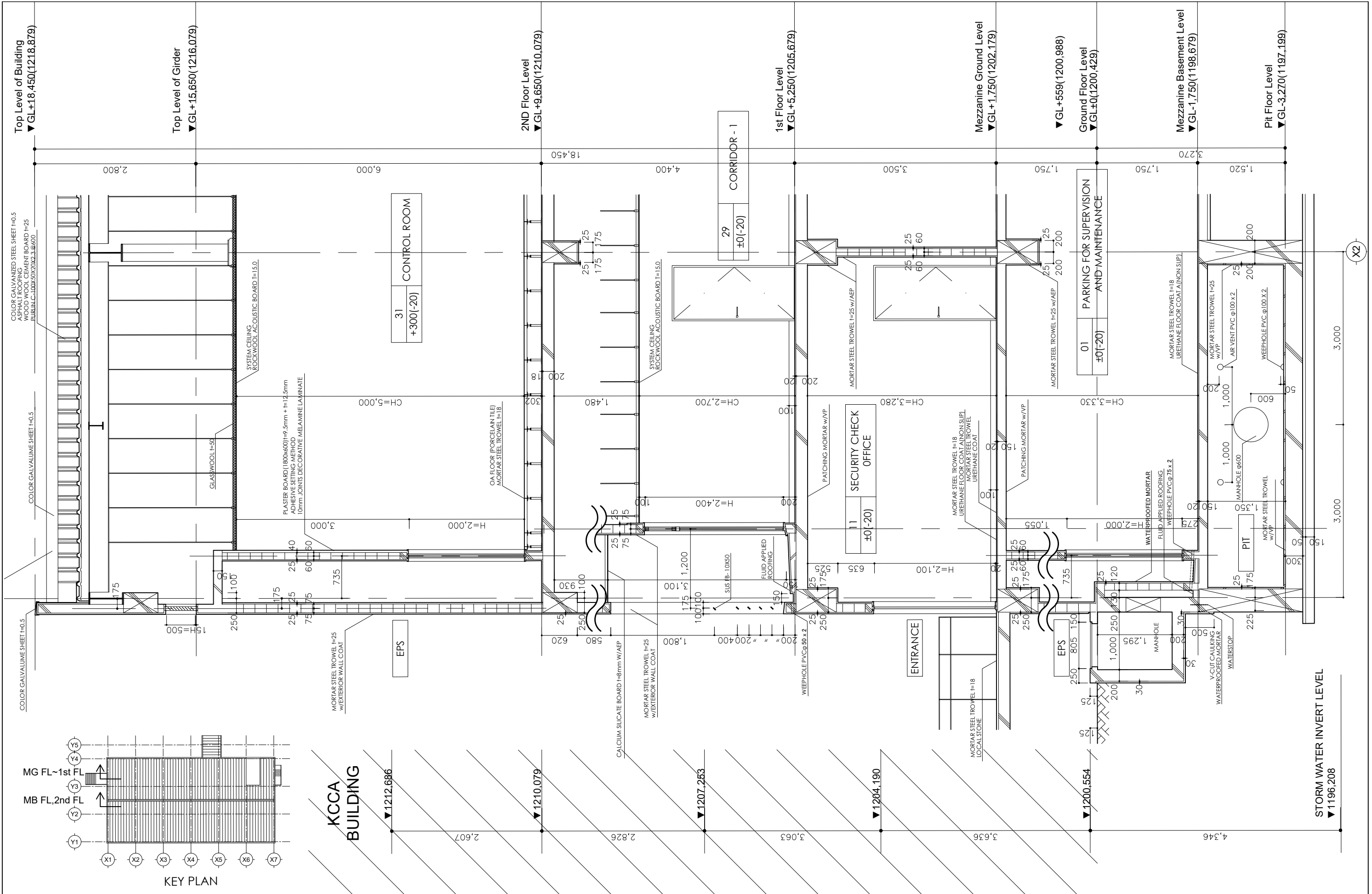
APRIL, 2018

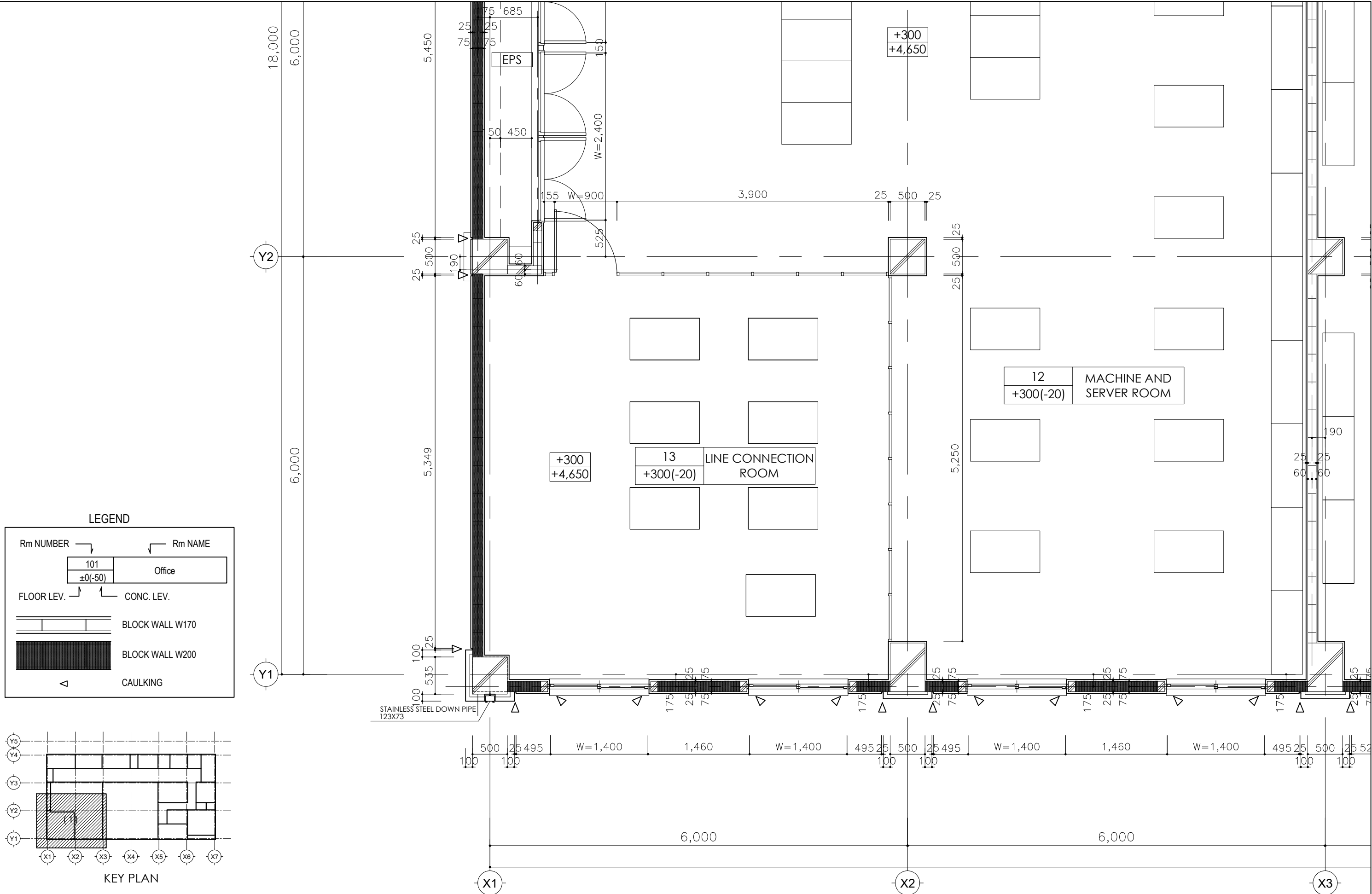
A-018

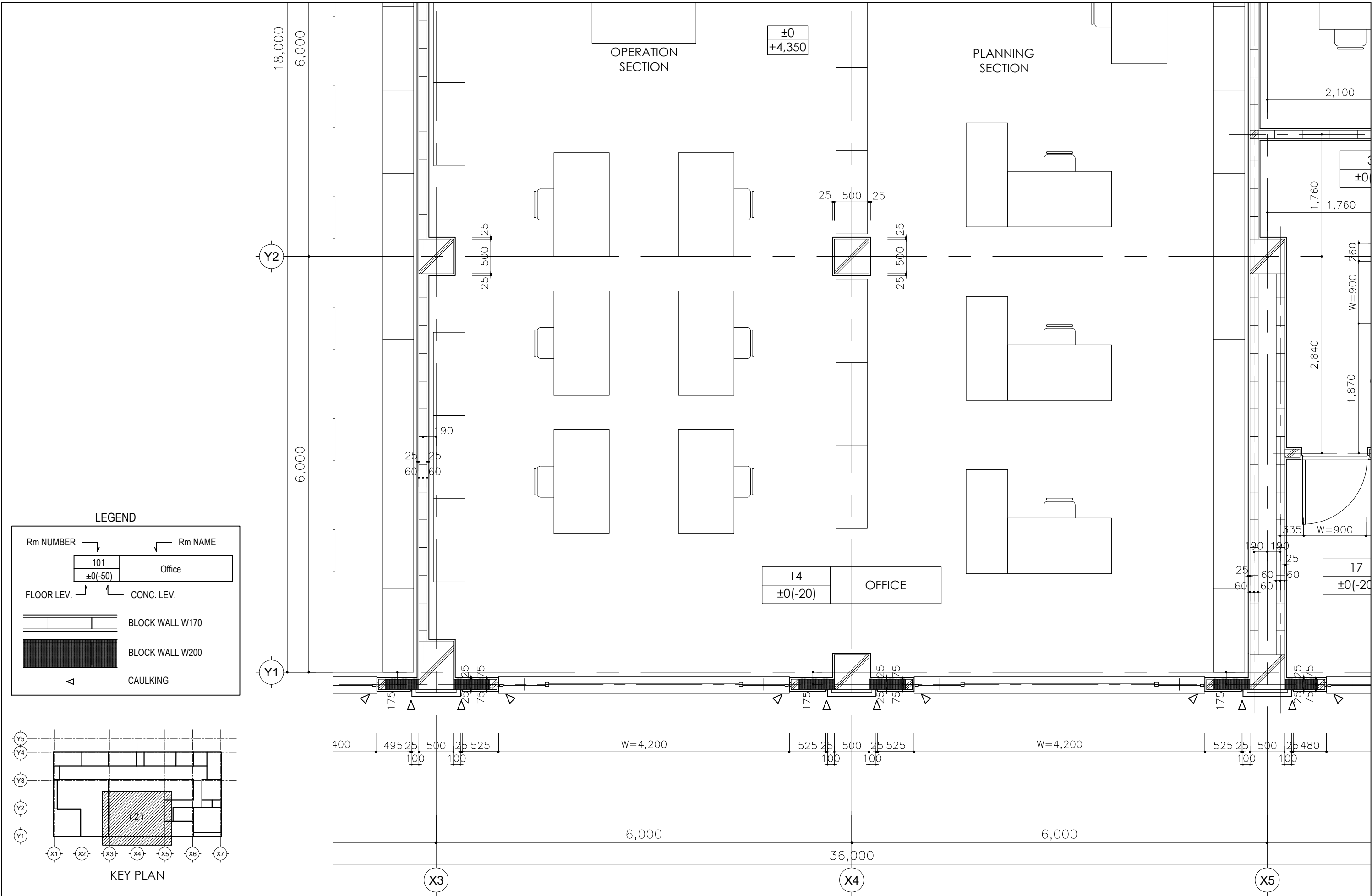
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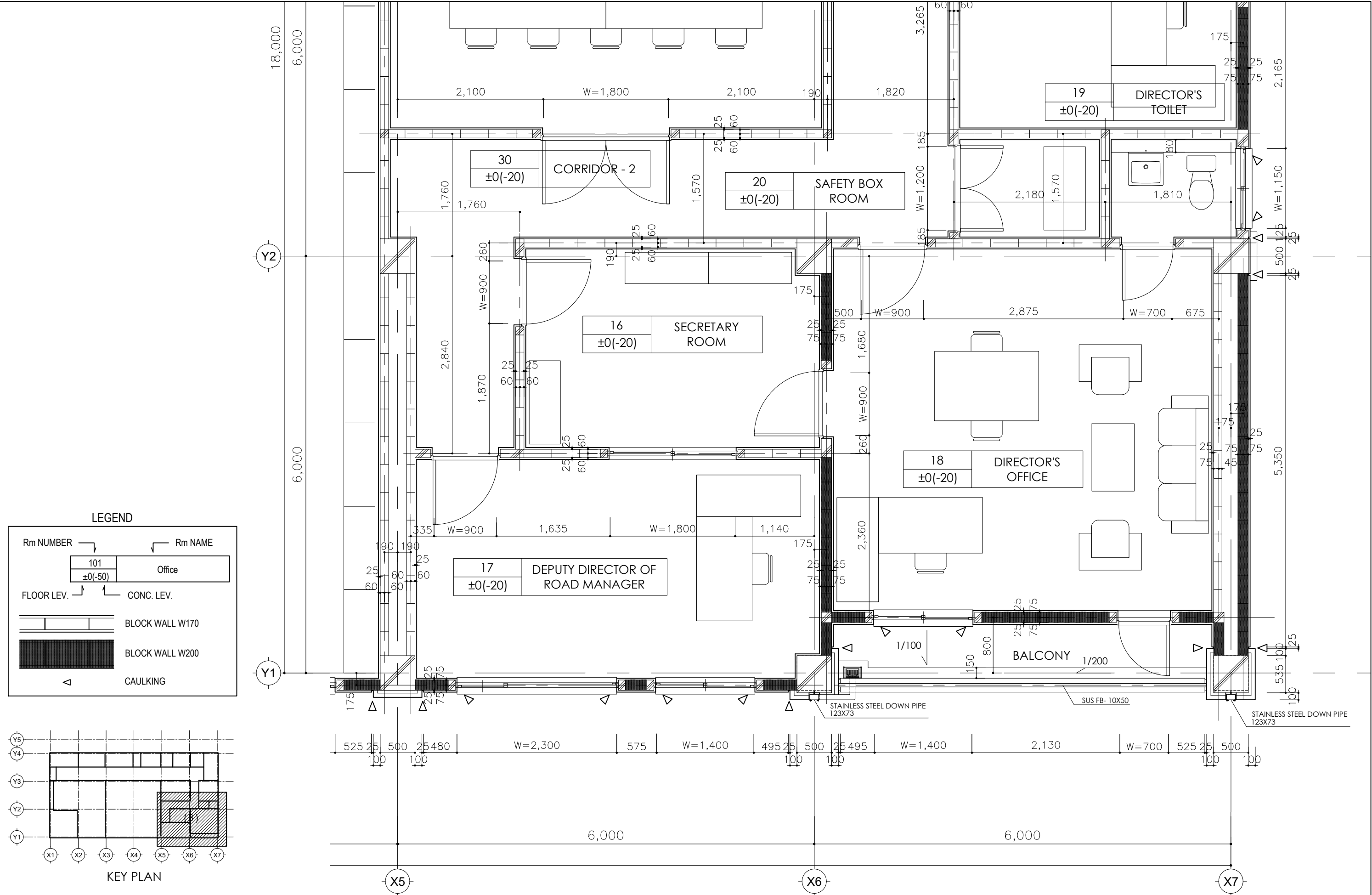
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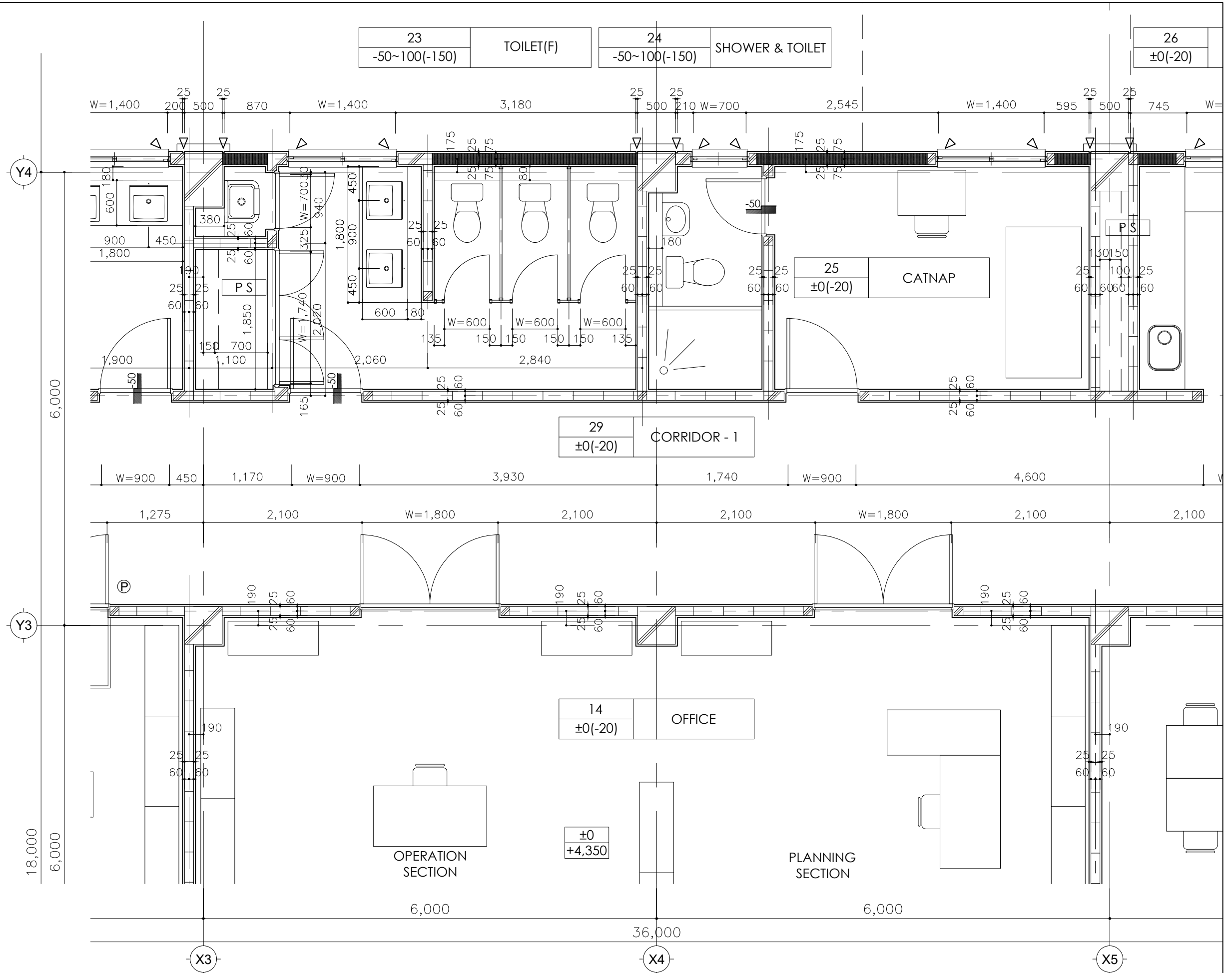












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Design Engineer
Oriental Consultants Global Co., Ltd.
Eight-Japan Engineering Consultant Inc.

Project

Project for Improvement
of Traffic Control in Kampala City

TITLE:

1ST FLOOR DETAIL PLAN - 5

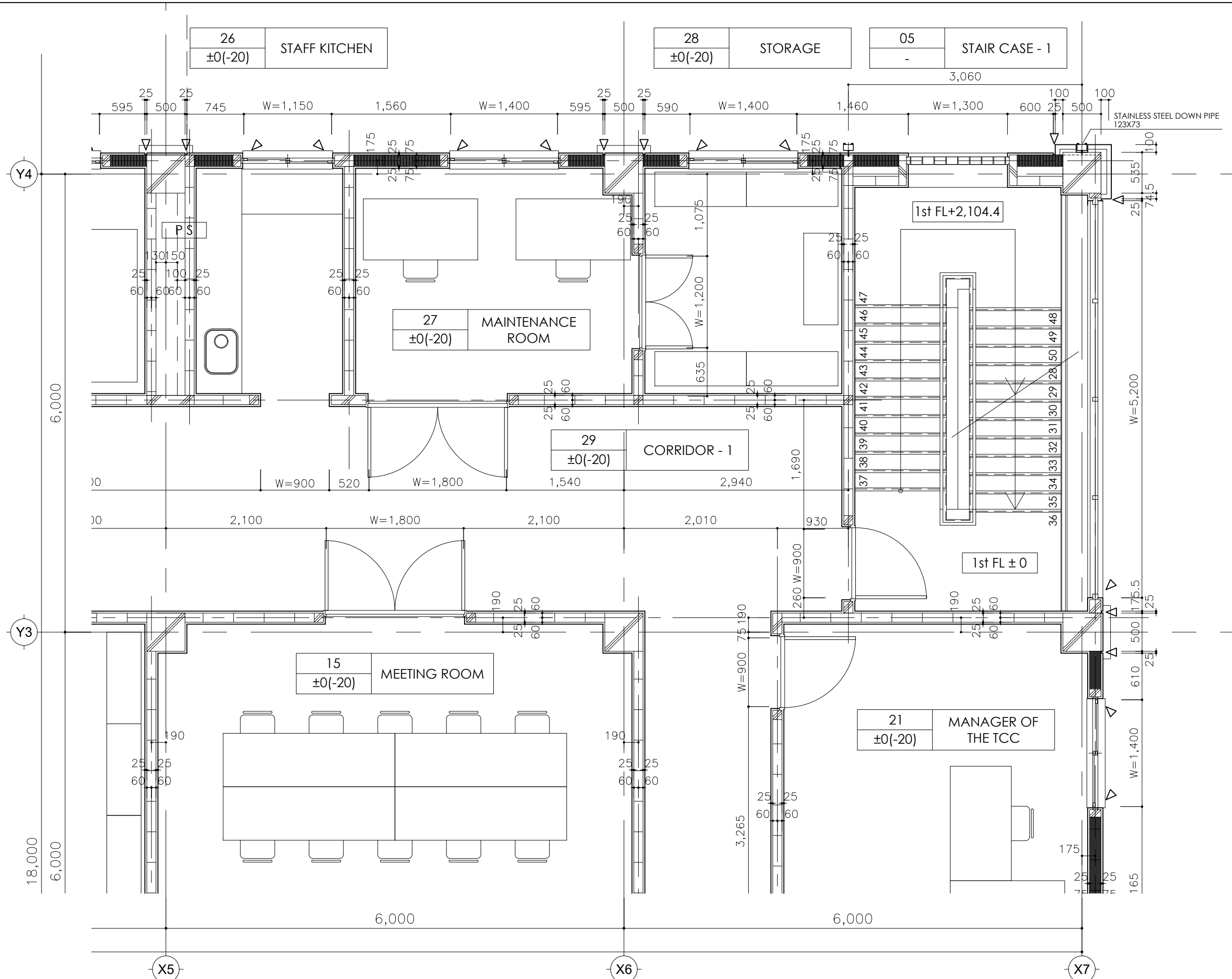
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DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:
DATE:

NOVEMBER, 2017

A-026

Drawing No:
SHEET No:



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Design Engineer
Oriental Consultants Global Co., Ltd.
Eight-Japan Engineering Consultant Inc.

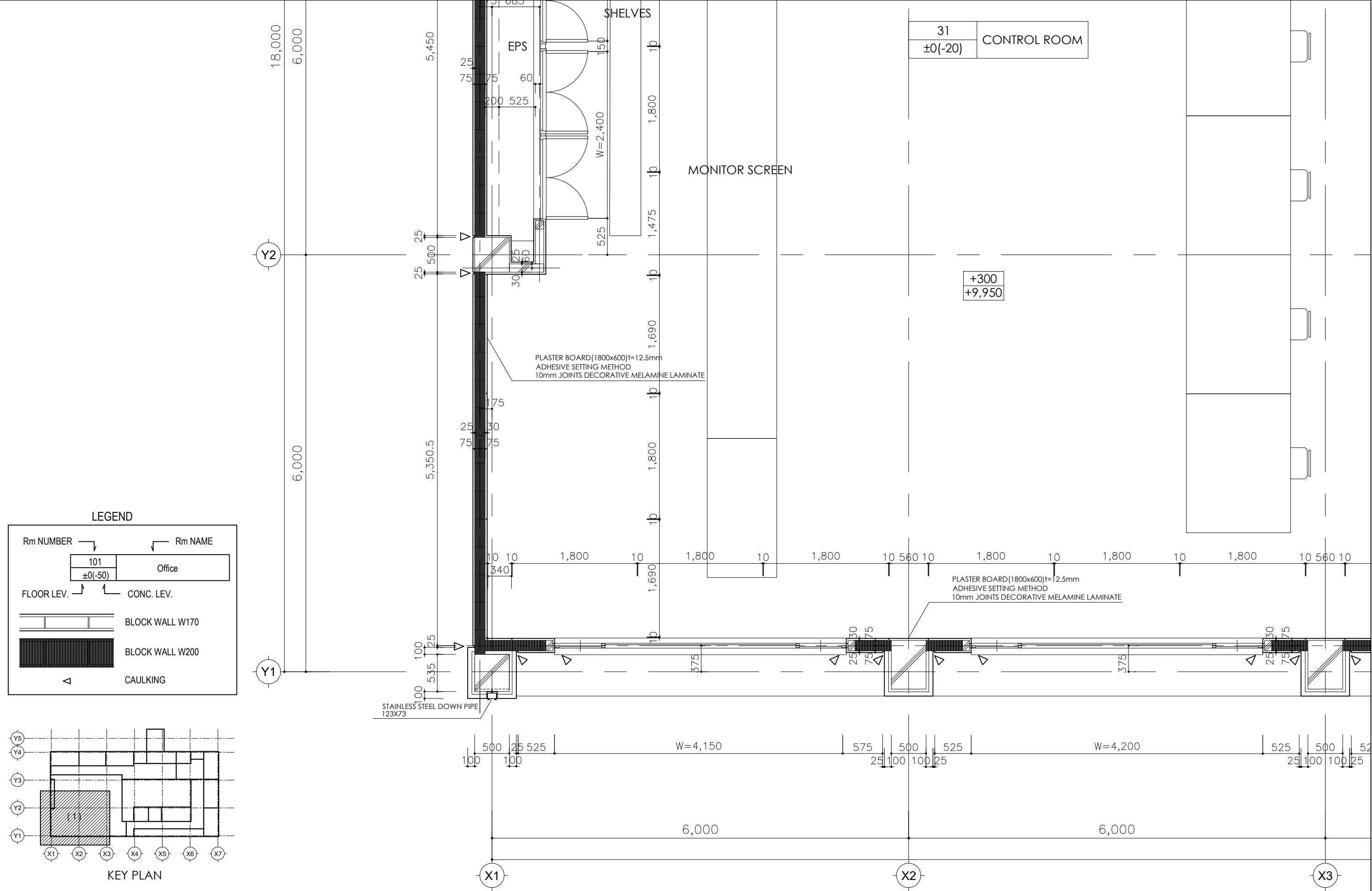
Project
Project for Improvement
of Traffic Control in Kampala City

TITLE:
1ST FLOOR DETAIL PLAN - 6

Scale:
1:25(A1)
1:50(A3)

DESIGNED BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
				NOVEMBER, 2017

A-027
Drawing No:
SHEET No:



LEGEND

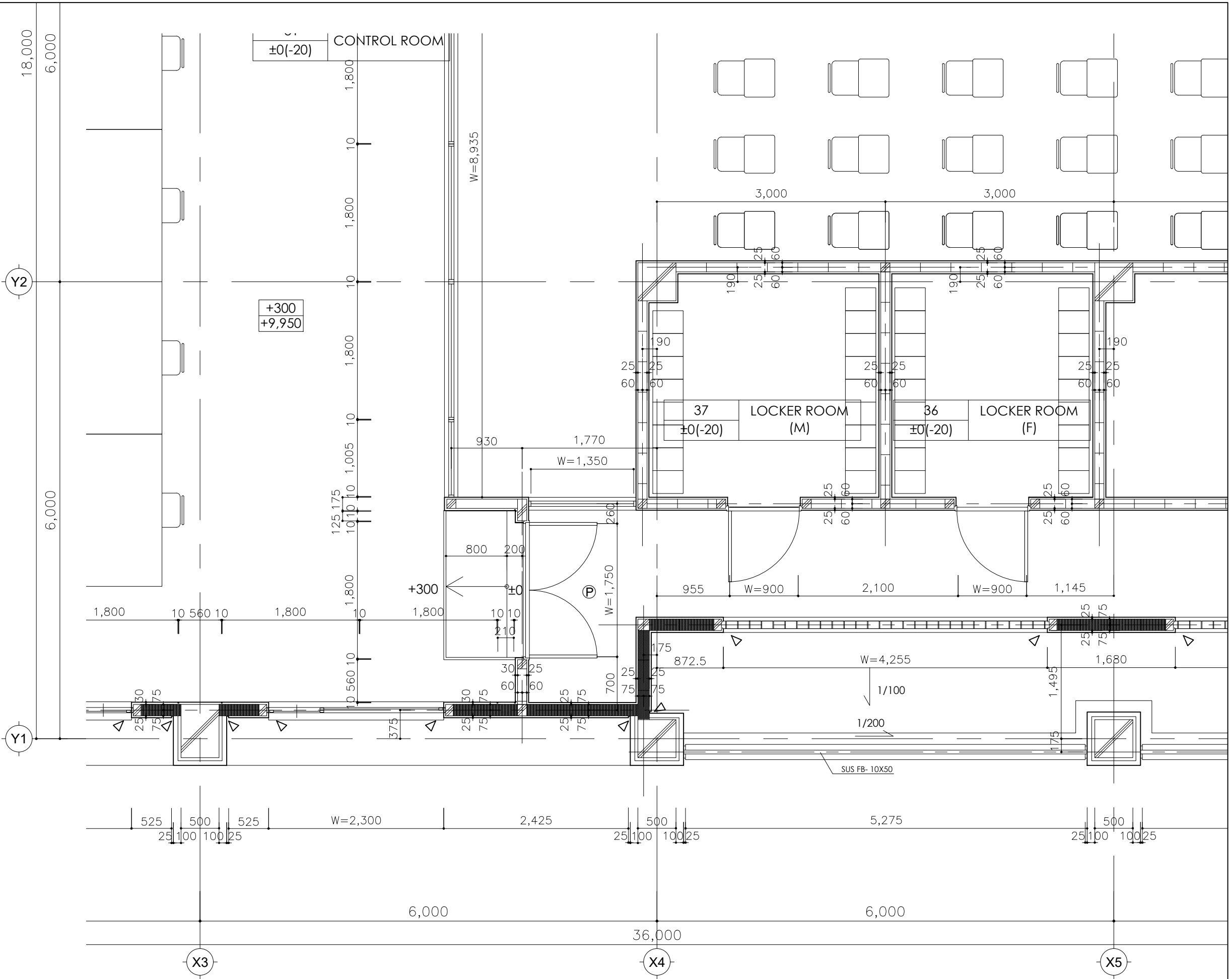
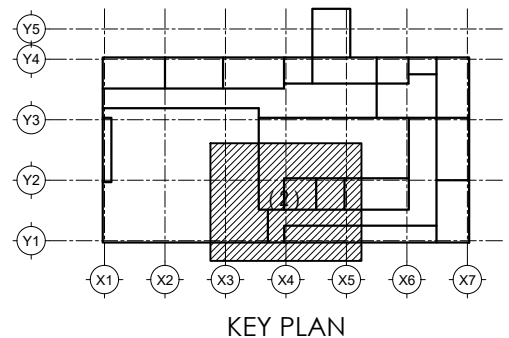
Rm NUMBER	Rm NAME
101 ±0(-50)	Office

FLOOR LEV. CONC. LEV.

BLOCK WALL W170

BLOCK WALL W200

CAULKING

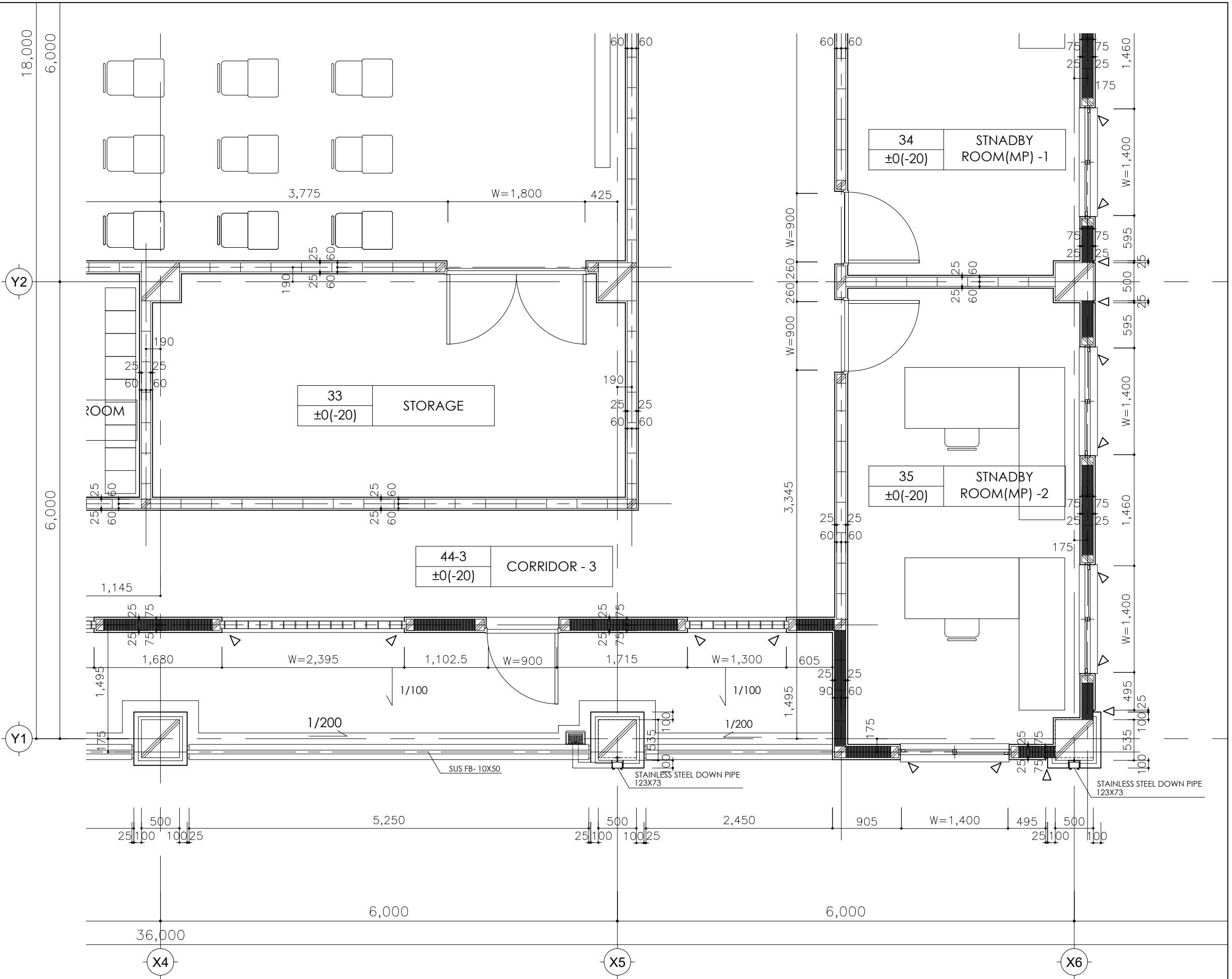
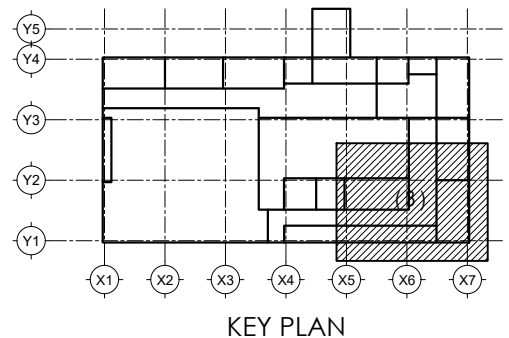


LEGEND

Rm NUMBER	Rm NAME
101 ±0(-50)	Office

FLOOR LEV. → CONC. LEV.

BLOCK WALL W170
 BLOCK WALL W200
 CAULKING

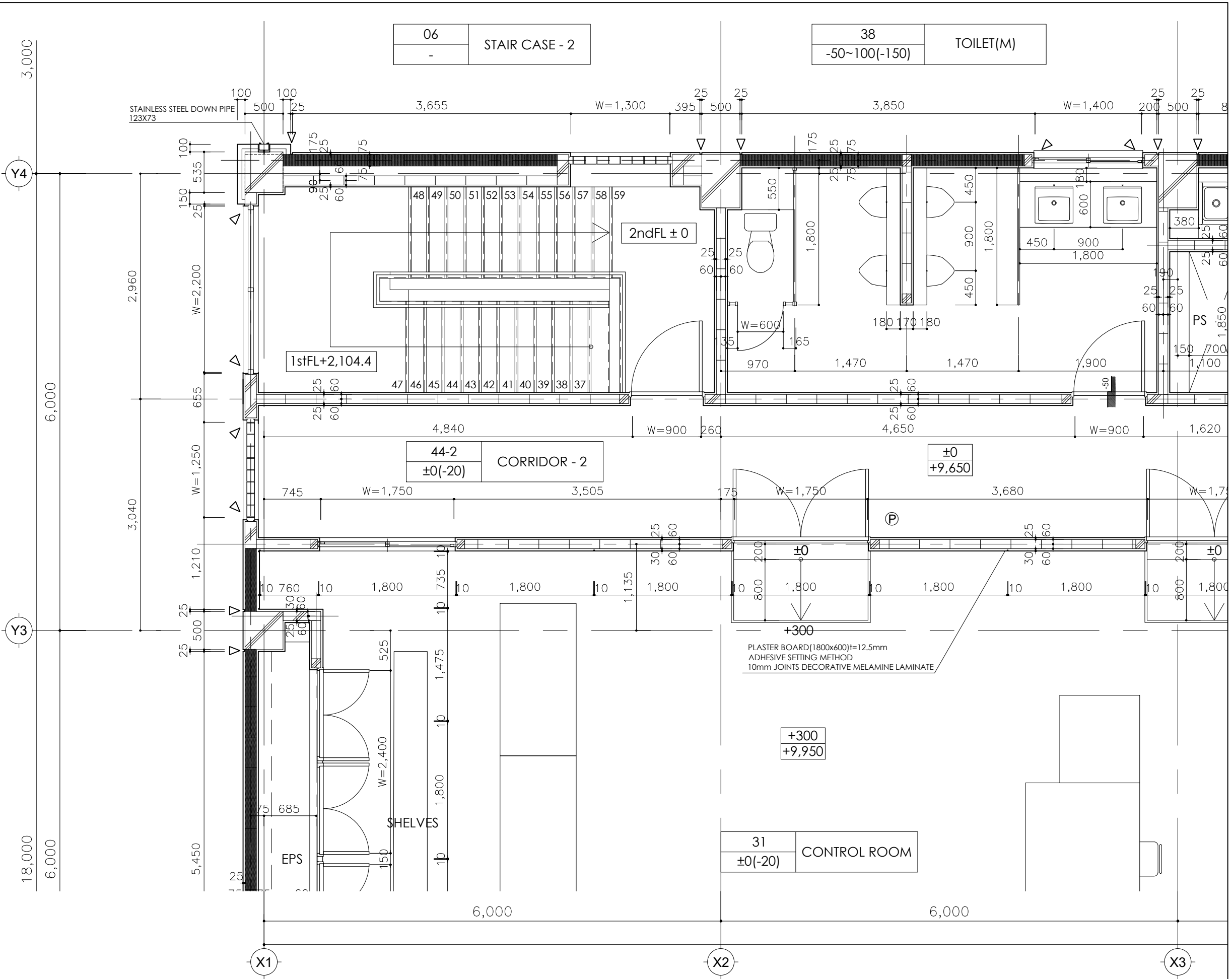
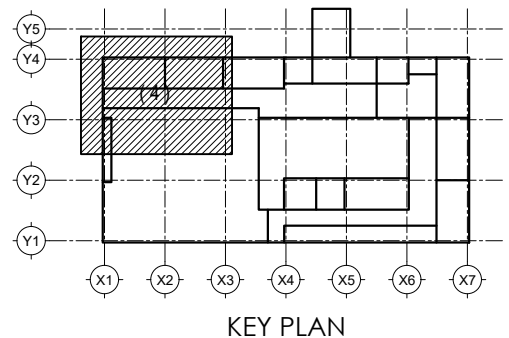


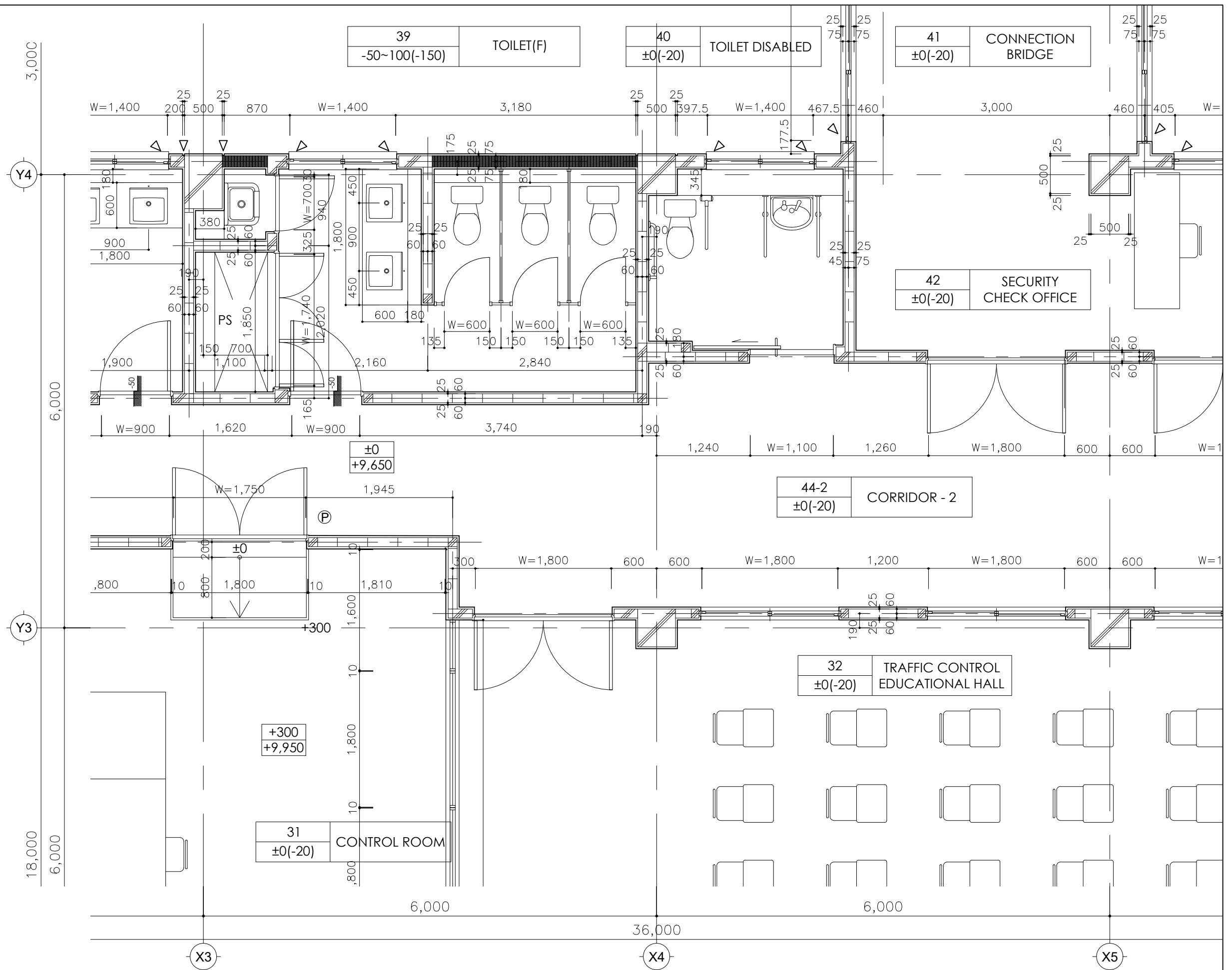
LEGEND

Rm NUMBER	Rm NAME
101 ±0(-50)	Office

FLOOR LEV. CONC. LEV.

BLOCK WALL W170
 BLOCK WALL W200
 CAULKING





Japan International Cooperation Agency
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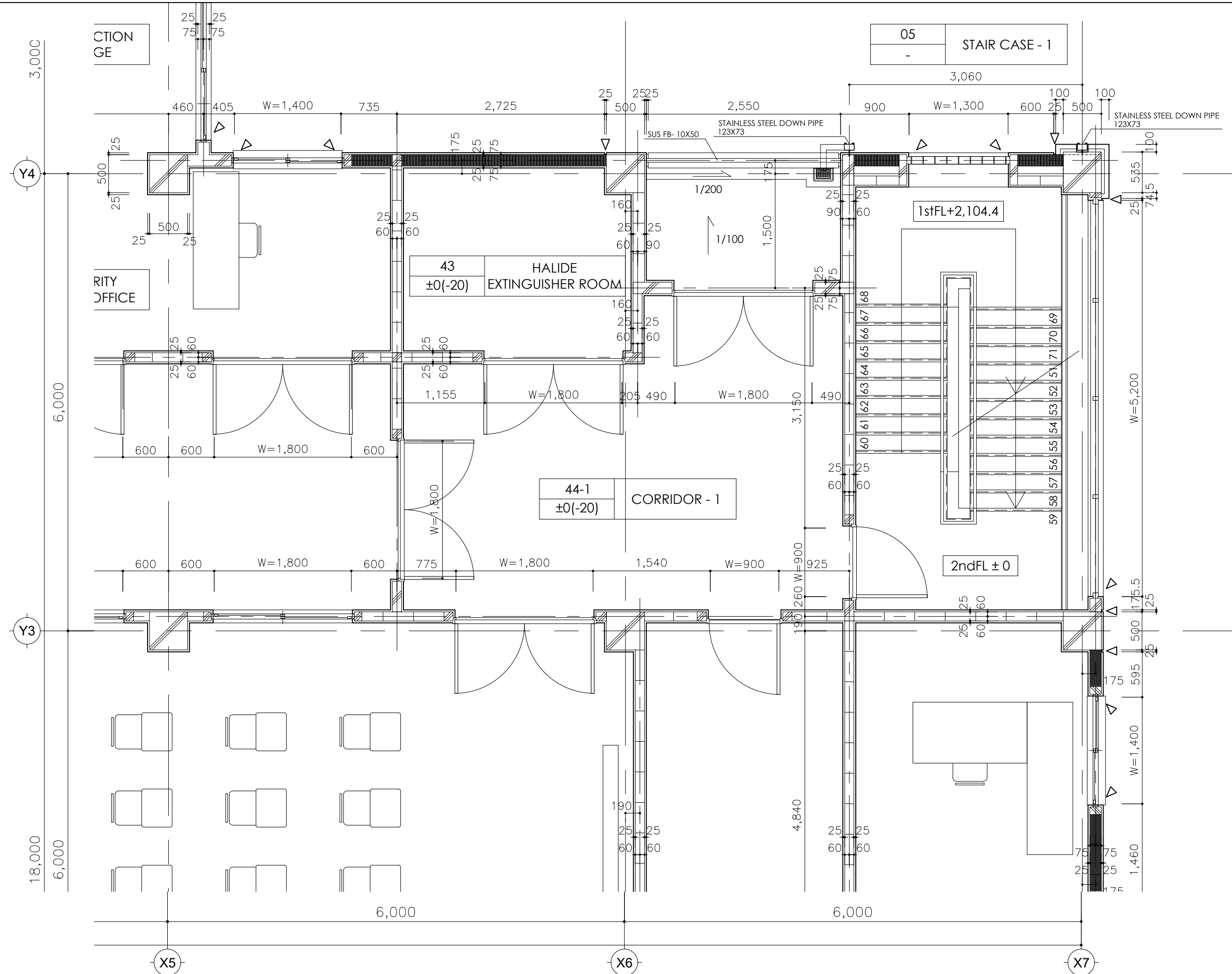
Design Engineer
Oriental Consultants Global Co., Ltd.
Eight-Japan Engineering Consultant Inc.

Project
Project for Improvement
of Traffic Control in Kampala City

TITLE:
2ND FLOOR DETAIL PLAN - 5

Scale:
1:25(A1)
1:50(A3)

DESIGNED BY:				
DRAWN BY:				
CHECKED BY:				
APPROVED BY:				
DATE:	NOVEMBER, 2017			
A-032				Drawing No:
				SHEET No:

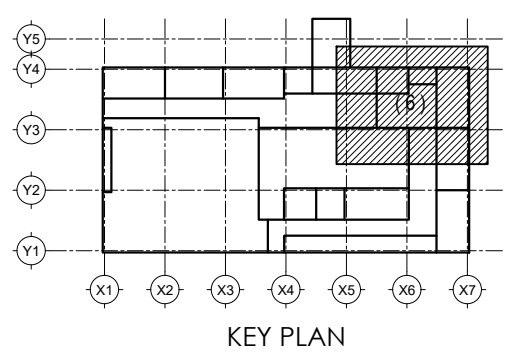


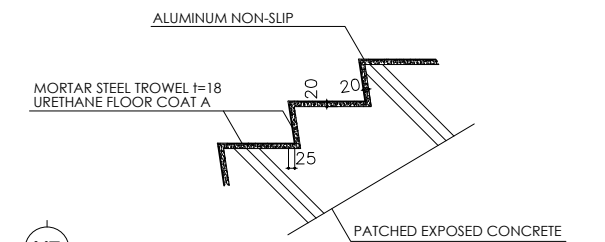
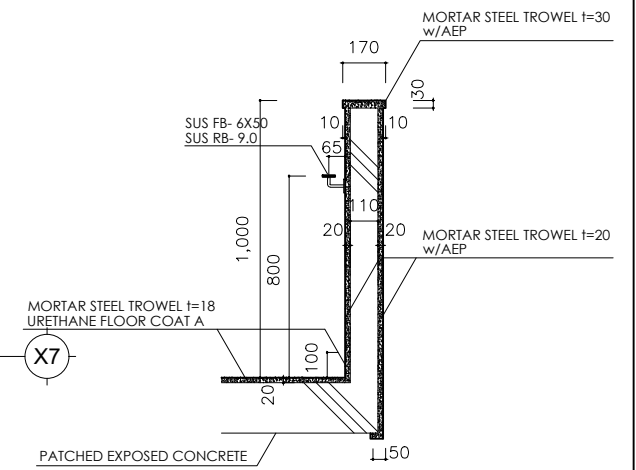
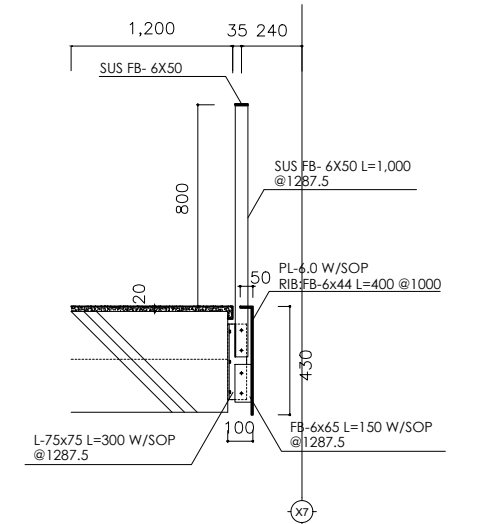
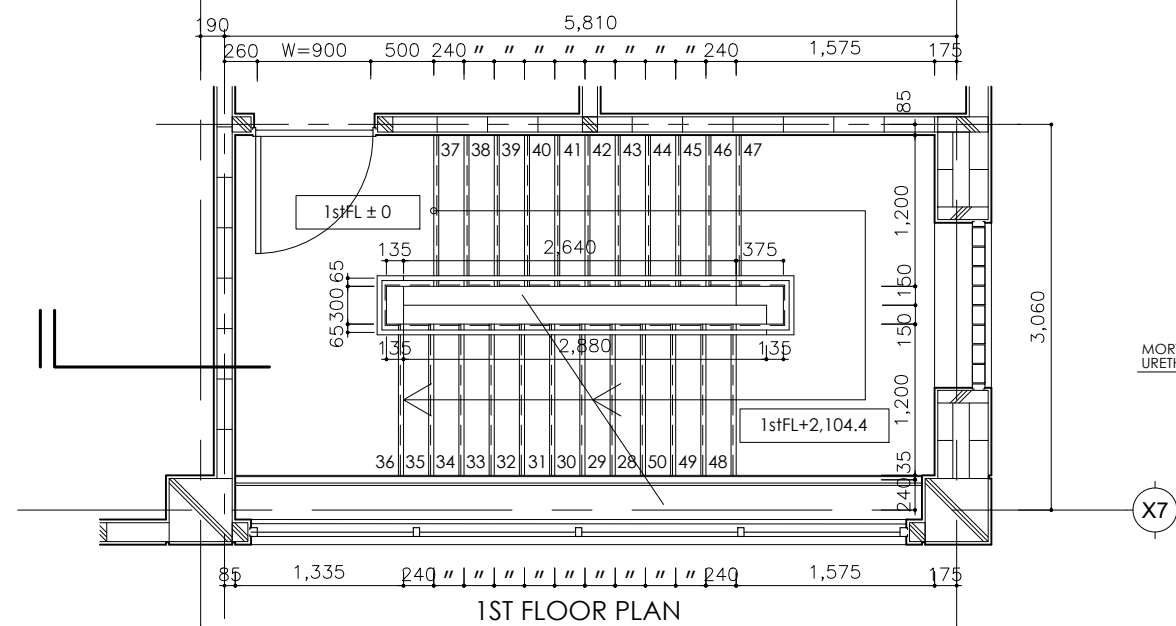
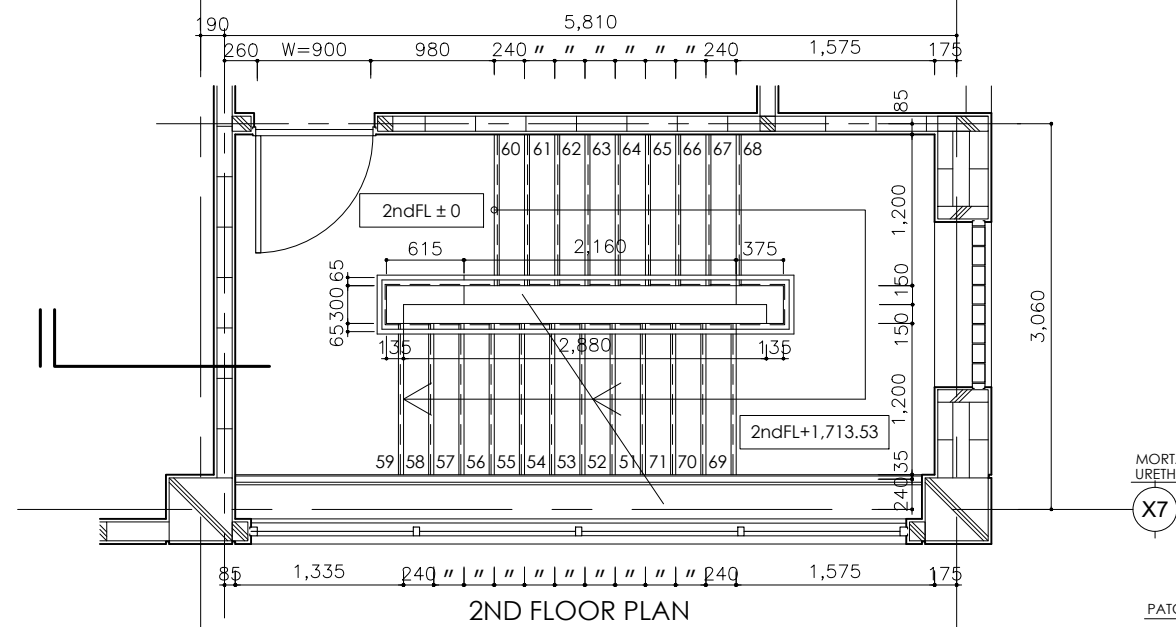
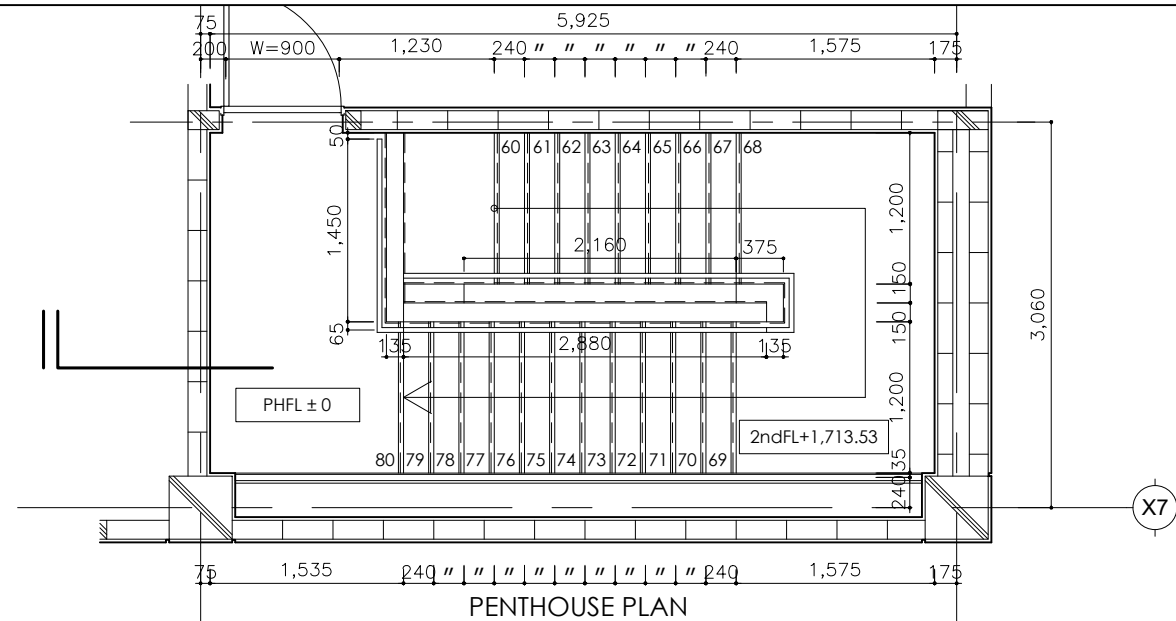
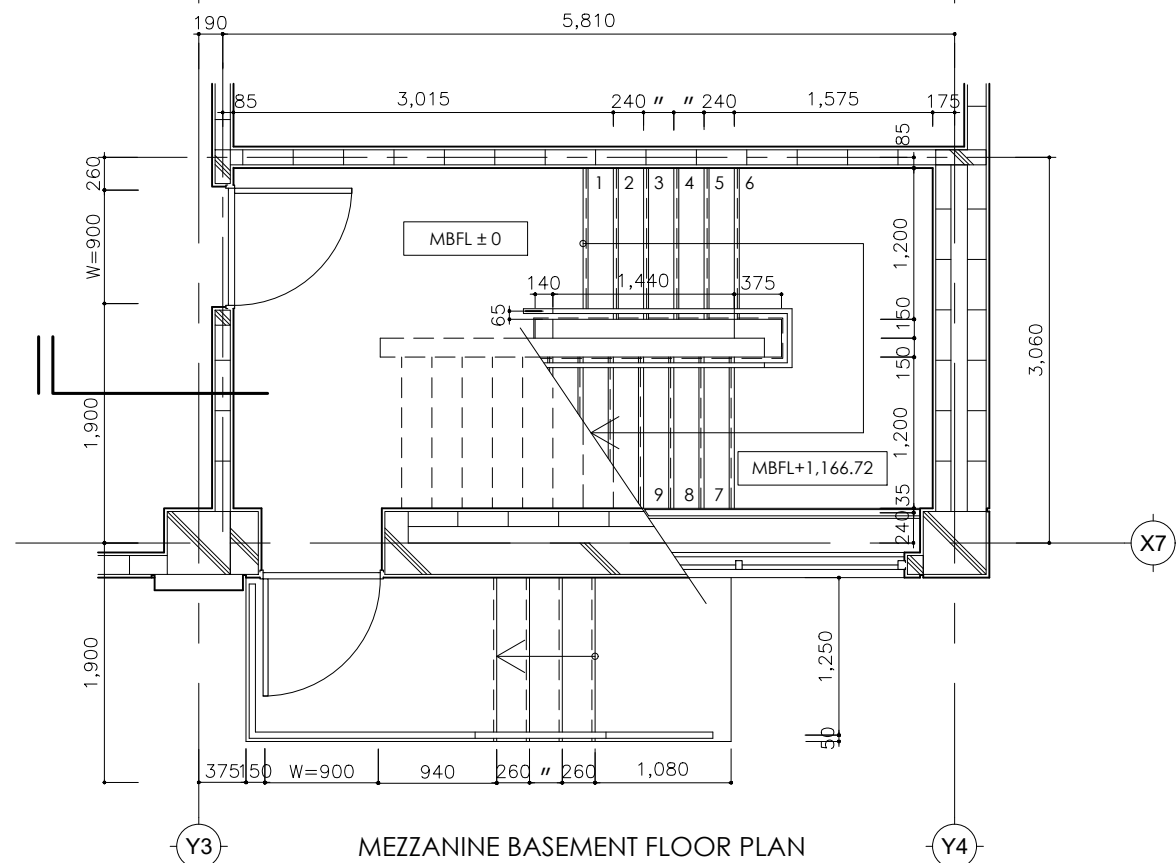
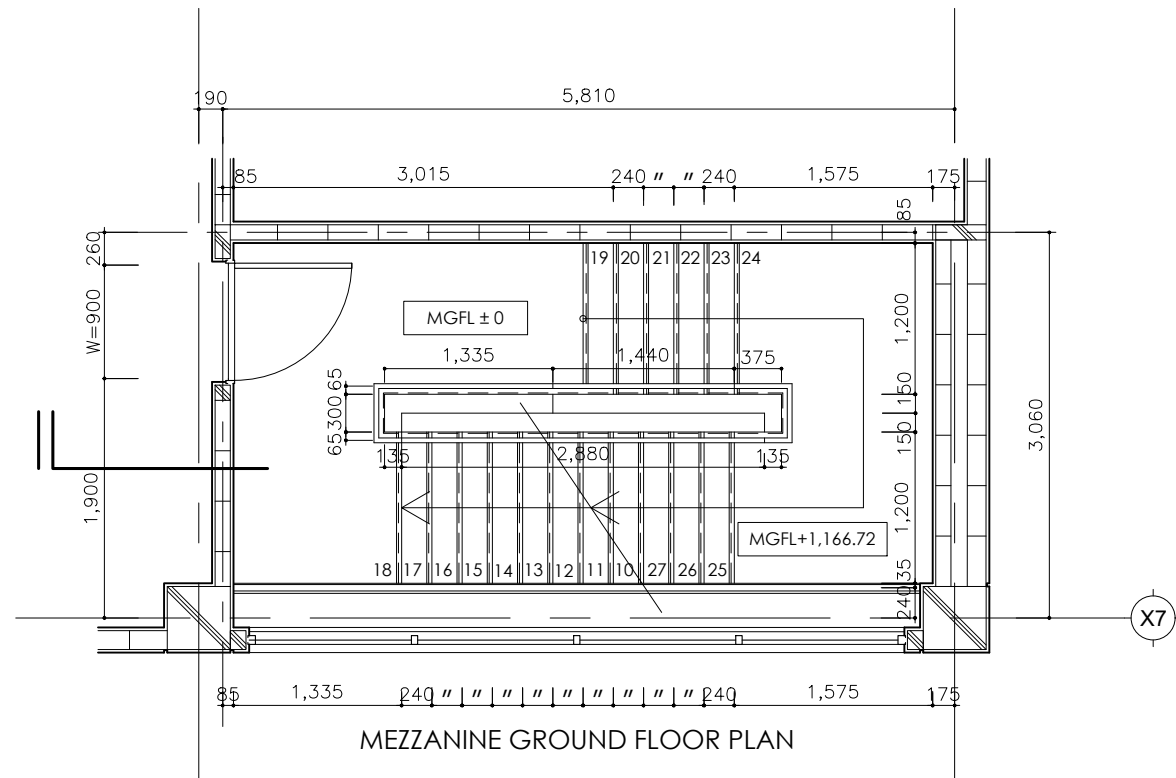
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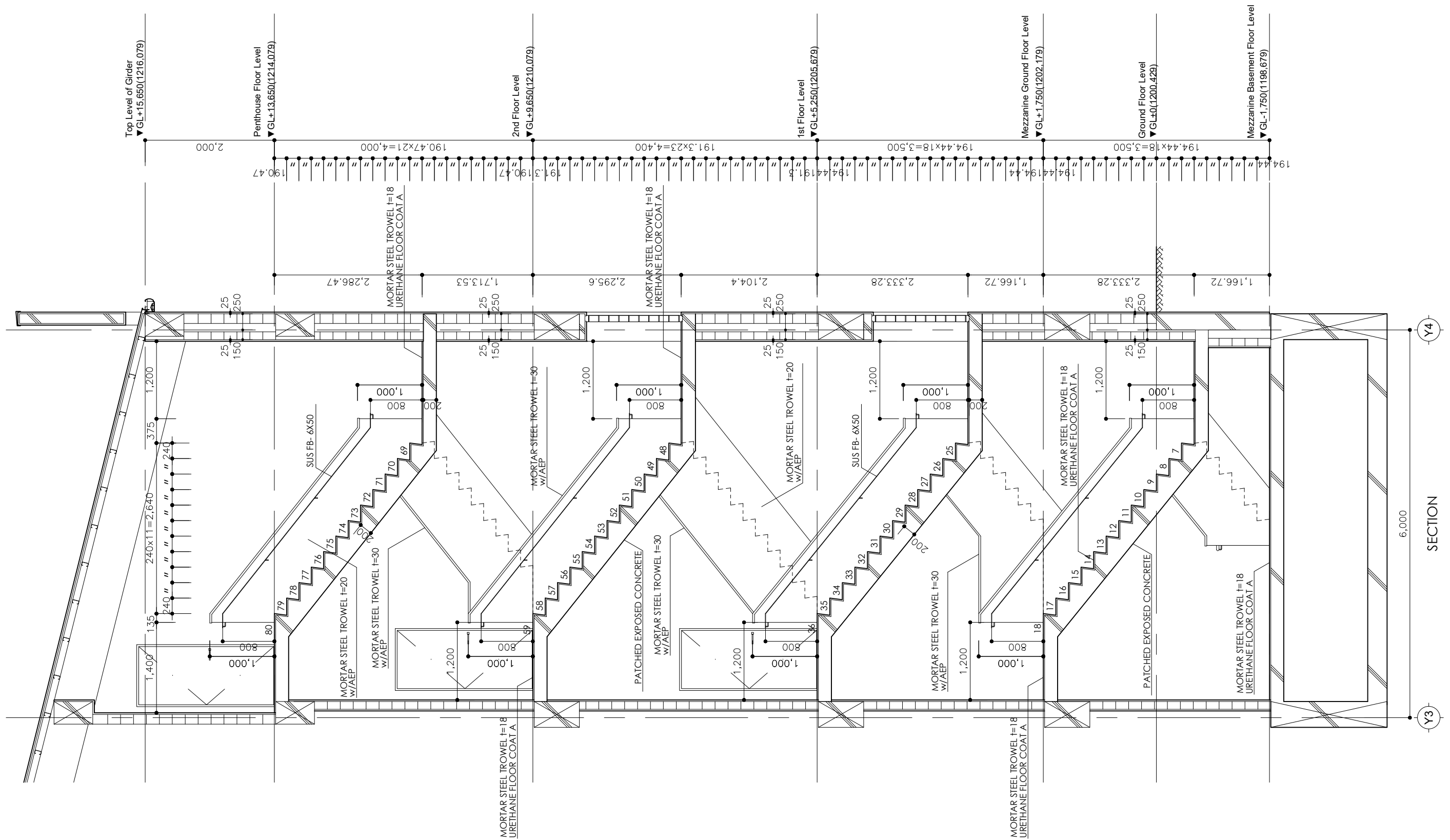
Rm NUMBER	Rm NAME
101 ±0(-50)	Office

FLOOR LEV. → CONC. LEV.

BLOCK WALL W170
 BLOCK WALL W200
 CAULKING







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For a better City

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Design Engineer
Oriental Consultants Global Co., Ltd.
Eight-Japan Engineering Consultant Inc.

Project

Project for Improvement
of Traffic Control in Kampala City

TITLE:

STAIR - 1 DETAIL SECTION

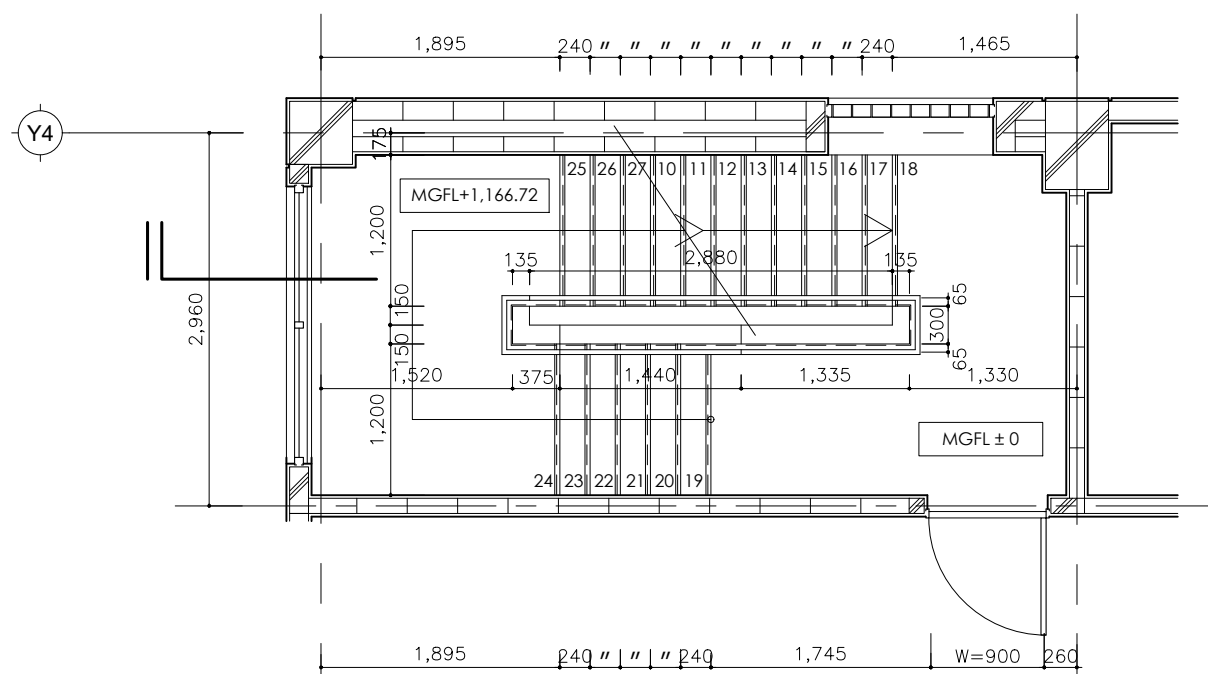
Scale:
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DESIGNED BY:
DRAWN BY:
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DATE:

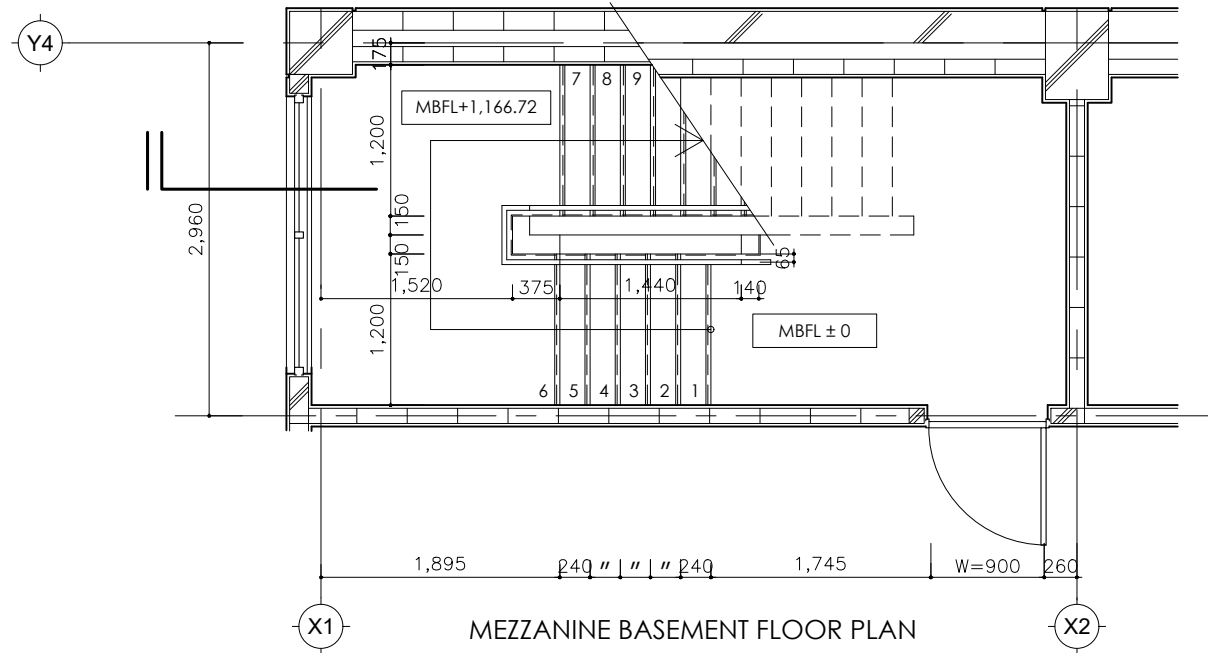
NOVEMBER, 2017

A-035

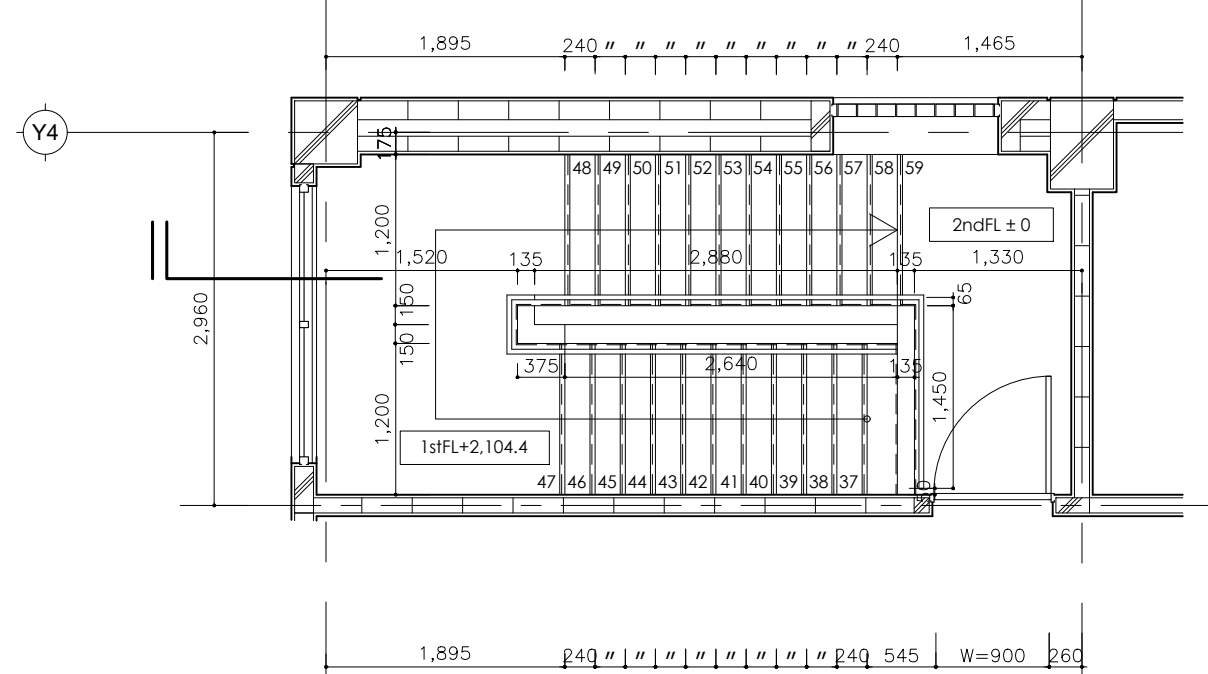
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SHEET No:



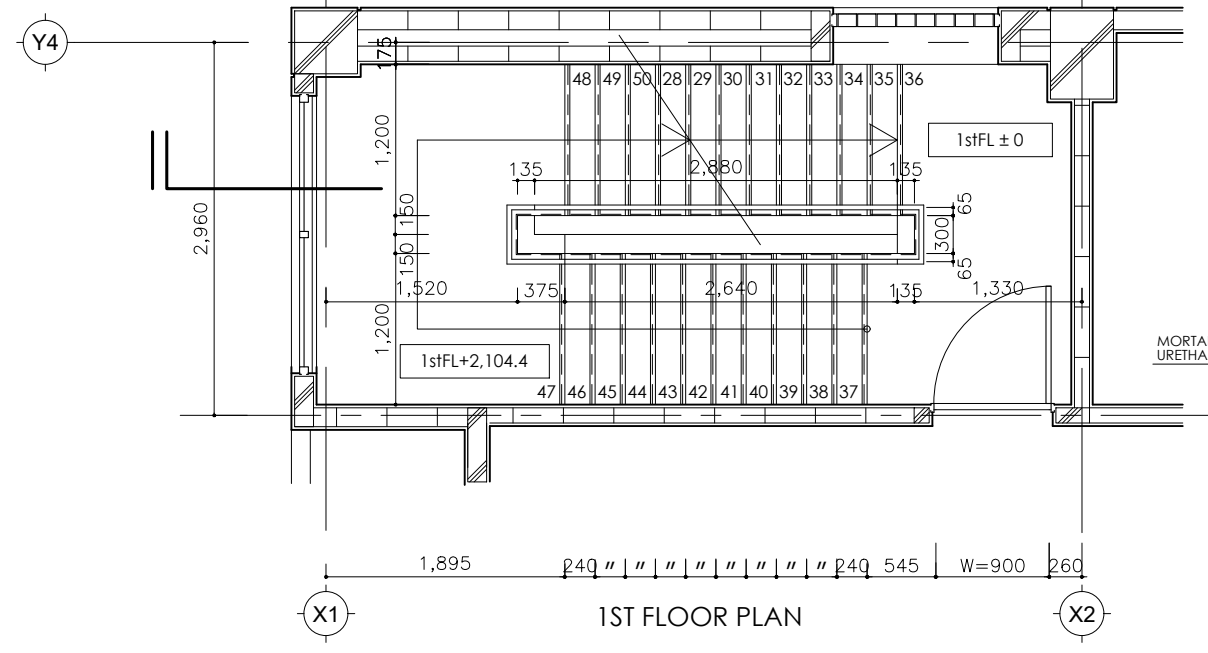
MEZZANINE GROUND FLOOR PLAN



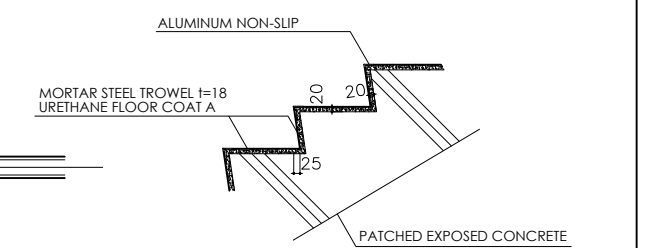
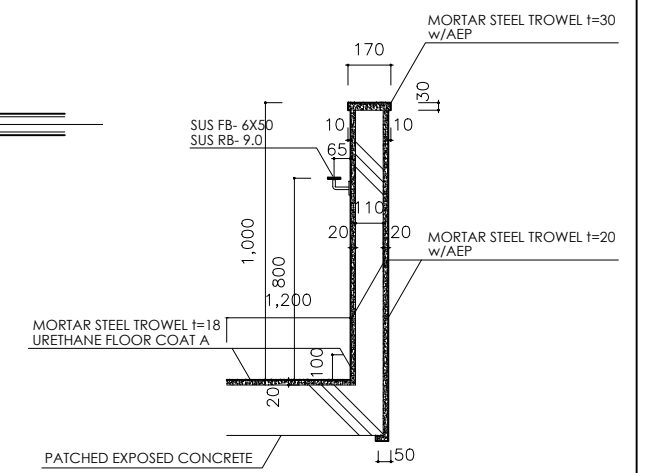
MEZZANINE BASEMENT FLOOR PLAN



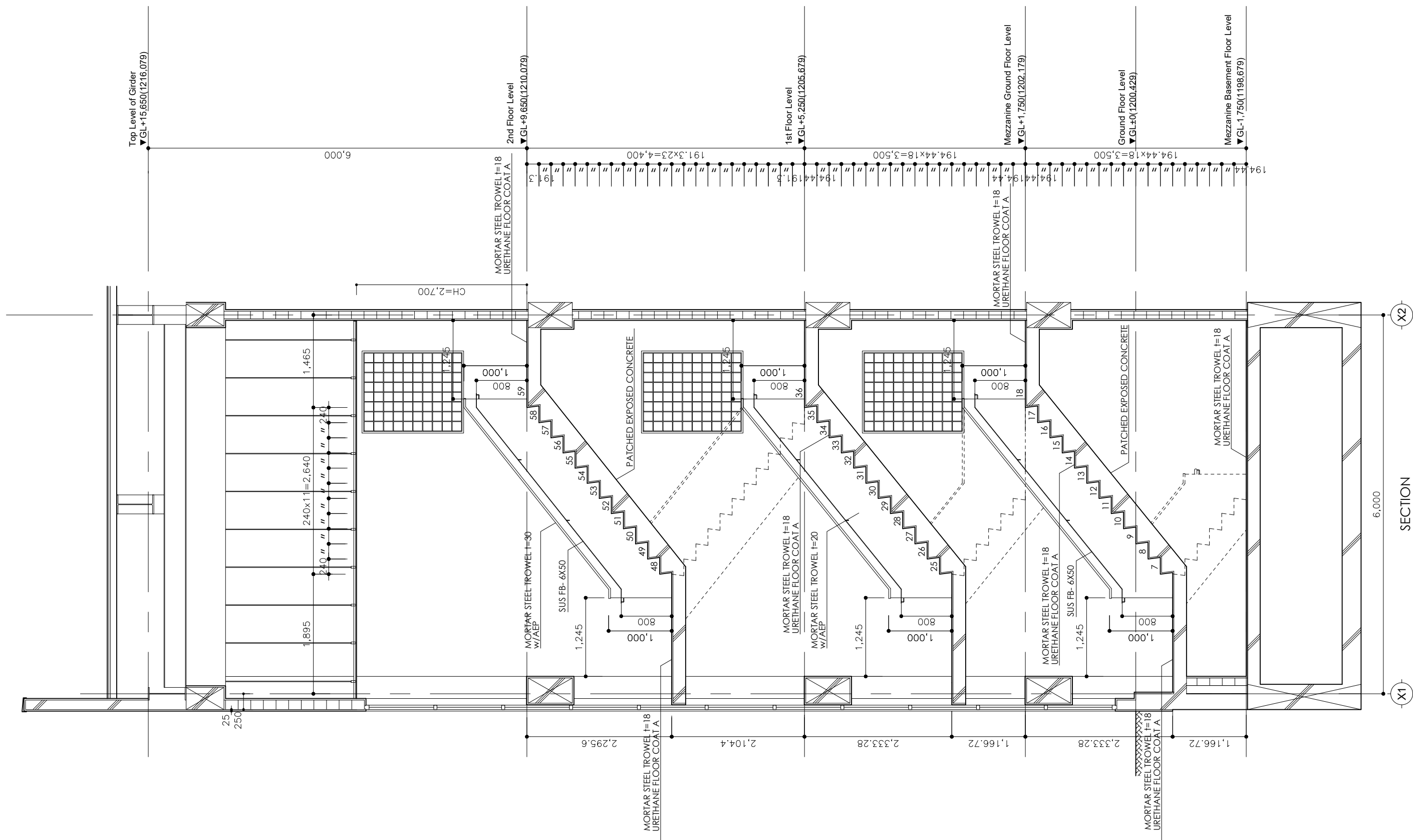
2ND FLOOR PLAN



1ST FLOOR PLAN



PARTS DETAIL



Japan International Cooperation Agency
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Project

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TITLE:

STAIR - 2 DETAIL SECTION

Scale:

1:30(A1)
1:60(A3)

DESIGNED BY:

DRAWN BY:

CHECKED BY:

APPROVED BY:

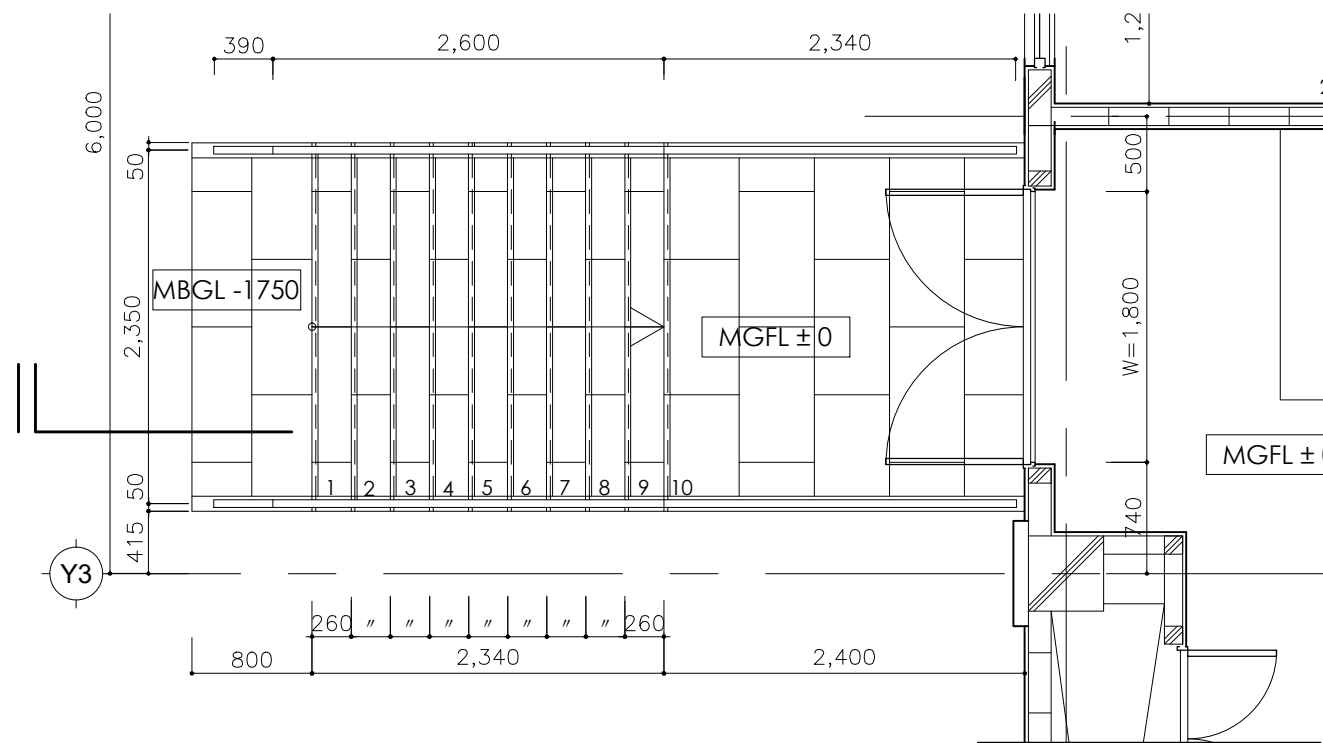
DATE:

NOVEMBER, 2017

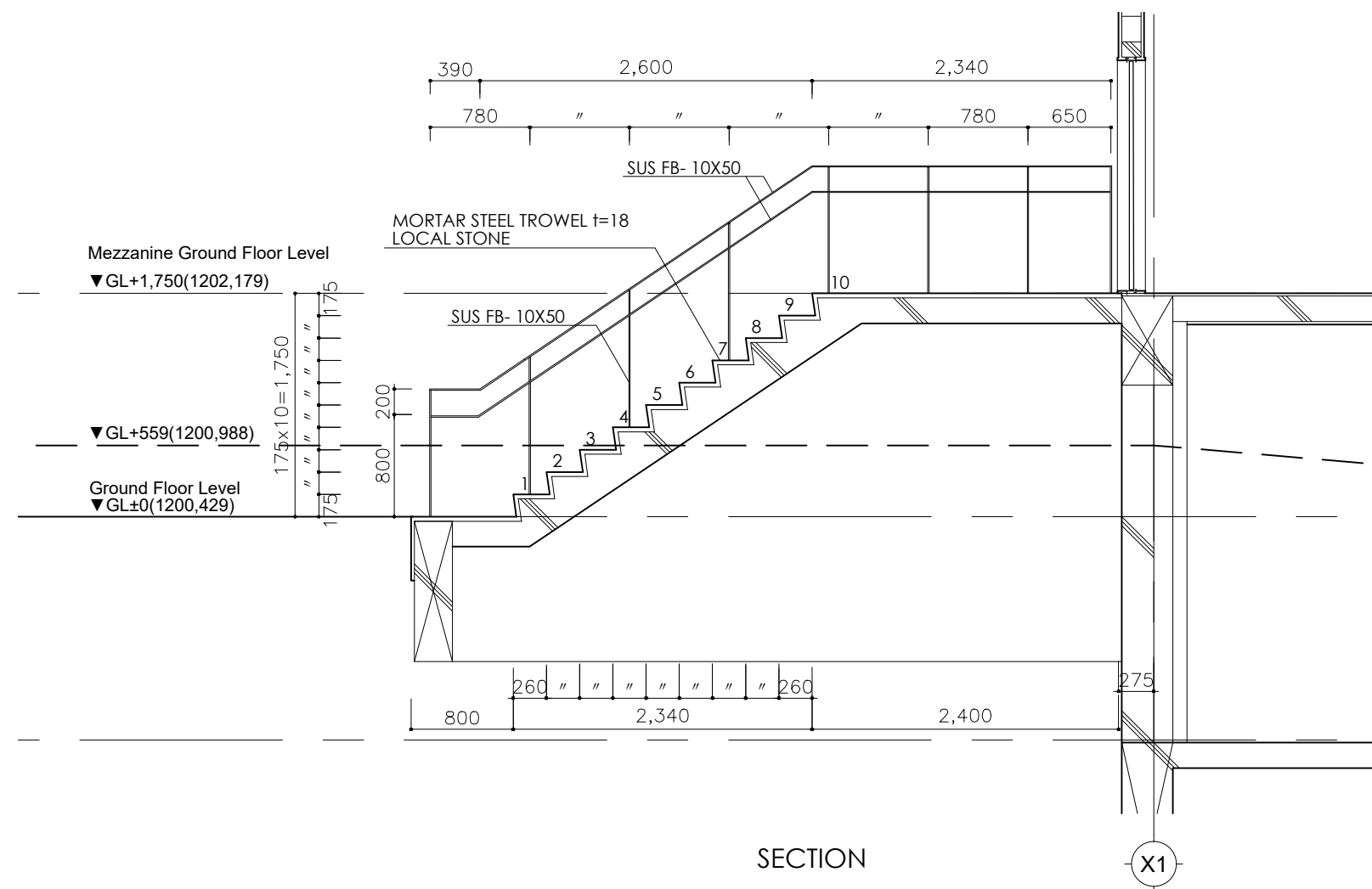
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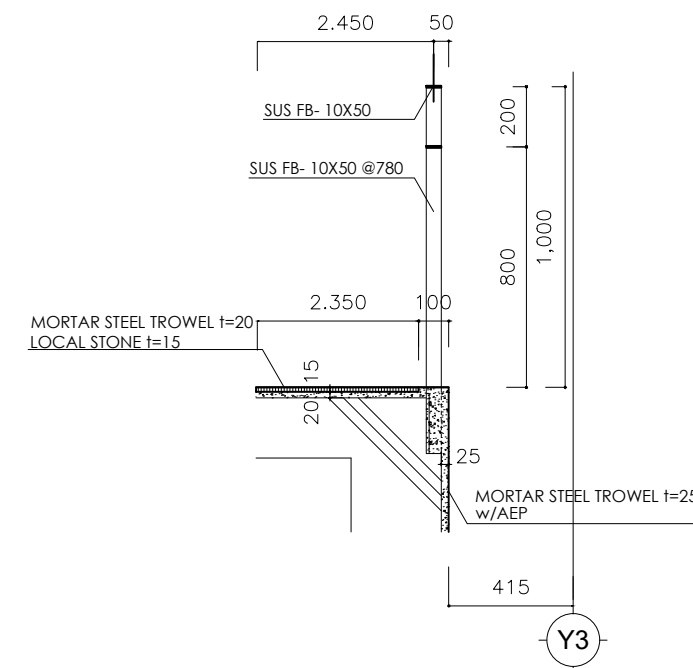
SHEET No:



MEZZANINE GROUND FLOOR PLAN



SECTION



PARTS DETAIL



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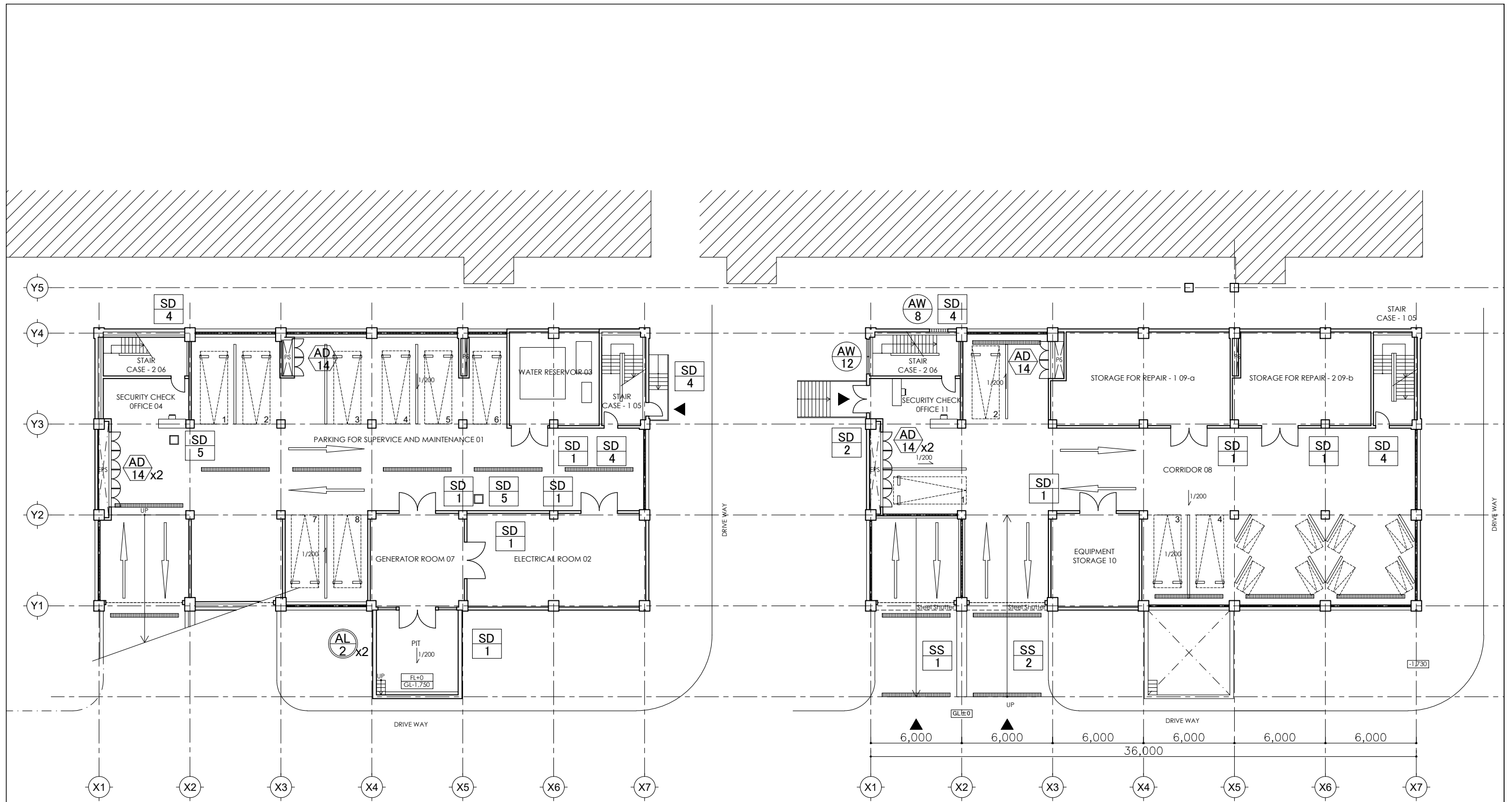
Design Engineer
Oriental Consultants Global Co., Ltd.
Eight-Japan Engineering Consultant Inc.

Project
Project for Improvement
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TITLE:
STAIR - 4 DETAIL
PLAN / SECTION

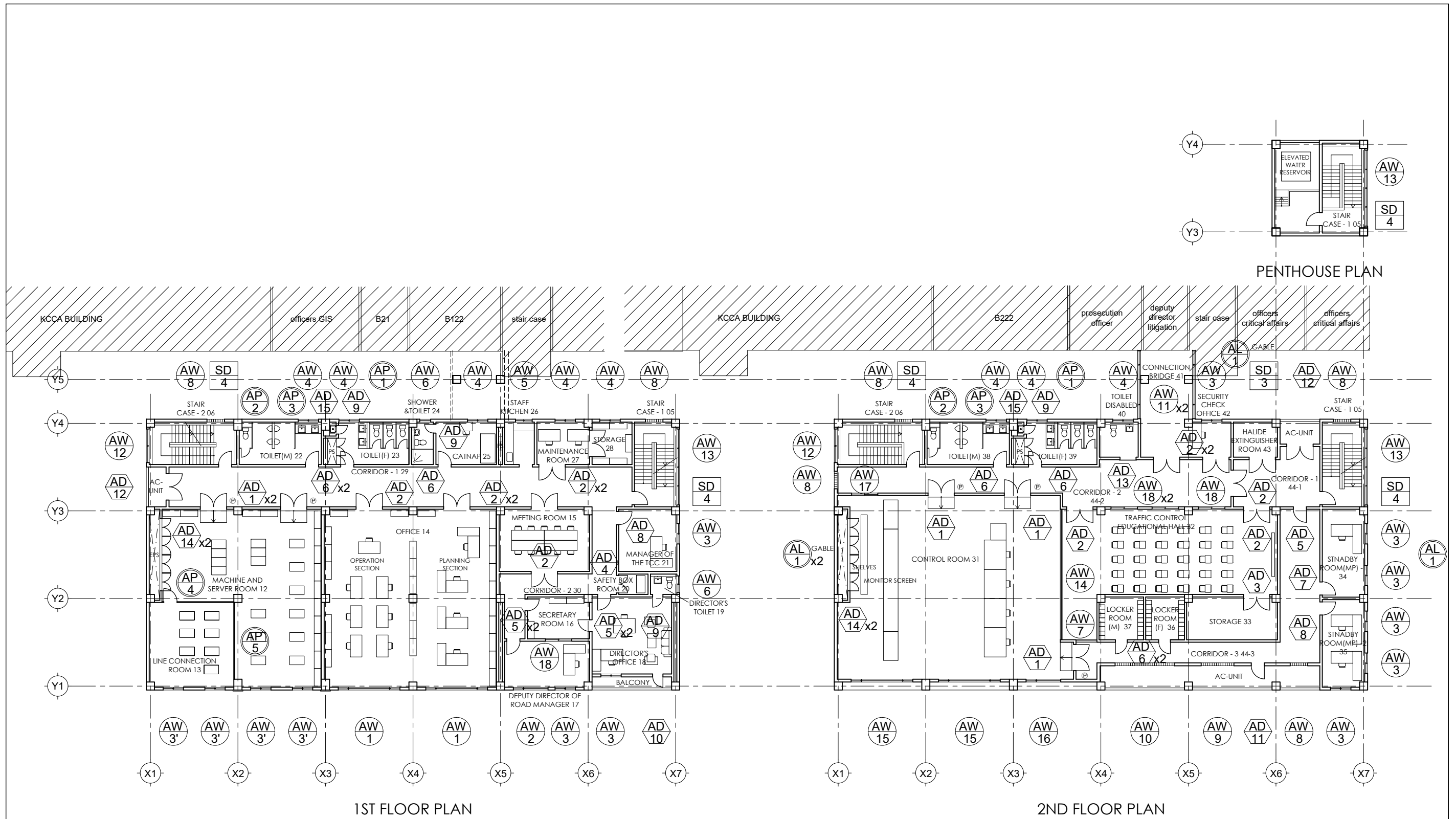
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1:50(A3)

DESIGNED BY:				A-039 Drawing No:
DRAWN BY:				
CHECKED BY:				
APPROVED BY:				
DATE:	NOVEMBER, 2017			SHEET No:



MEZZANINE BASEMENT FLOOR PLAN

MEZZANINE GROUND FLOOR PLAN



SYMBOL/TYPE	SS 1	STEEL SHUTTER	SS 2	STEEL SHUTTER	SD 1	SWING DOOR	SD 2	SWING DOOR	SD 3	SWING DOOR	SD 4	SWING DOOR		
SHAPE														
QTY	1		1		8		1		1		10			
MATERIAL /FINISH					STL PL11.6 FULL FLUSH SOP		STL PL11.6 FULL FLUSH SOP		STL PL11.6 FULL FLUSH SOP		STL PL11.6 FULL FLUSH SOP			
FRAME					STL PL12.3 SOP FRAME SIZE : 80X30		STL PL12.3 SOP FRAME SIZE : 80X30		STL PL12.3 SOP FRAME SIZE : 80X30		STL PL12.3 SOP FRAME SIZE : 80X30			
THRESHOLD					SUS 11.5 HL		SUS 11.5 HL		SUS 11.5 HL		SUS 11.5 HL			
GLASS							FLOAT 15.0							
LOCK					C-LOCK w/TT		C-LOCK w/TT		C-LOCK w/TT		C-LOCK w/TT			
HARD WARES					L-H, BH, DC, DS, E-BOLT		L-H, BH, DC, DS, E-BOLT		L-H, BH, DC, DS, E-BOLT		L-H, BH, DC, DS, E-BOLT			
REMARKS														
SYMBOL/TYPE	SD 5	FLOOR HATCH	AD 1	SWING DOOR + SLIDING WINDOW	AD 2	SWING DOOR + SLIDING WINDOW	AD 3	SWING DOOR	AD 4	SWING DOOR	AD 5	SWING DOOR + FIX		
SHAPE														
QTY	2		5		11		1		1		5			
MATERIAL /FINISH	SUS PL11.6 FULL FLUSH		ALUMINUM ALUMITE		ALUMINUM ALUMITE		ALUMINUM ALUMITE		ALUMINUM ALUMITE		ALUMINUM ALUMITE			
FRAME	SUS PL12.3 SOP FRAME SIZE : 125X30		ditto FRAME SIZE : 70X25		ditto FRAME SIZE : 70X25		ditto FRAME SIZE : 70X25		ditto FRAME SIZE : 70X25		ditto FRAME SIZE : 70X25			
THRESHOLD	SUS 11.5 HL		SUS 11.5 HL		SUS 11.5 HL		SUS 11.5 HL		SUS 11.5 HL		SUS 11.5 HL			
GLASS			FLOAT 15.0		FLOAT 15.0		SUS 11.5 HL		SUS 11.5 HL		FLOAT 15.0			
LOCK	LOCK BOLT		C-LOCK w/TT		C-LOCK w/TT		C-LOCK w/TT		C-LOCK w/TT		C-LOCK w/TT			
HARD WARES			L-H, BH, DC, DS		L-H, BH, DC, DS		L-H, BH, DC, DS		L-H, BH, DC, DS		L-H, BH, DC, DS			
REMARKS	3-Step SUS Ladder W400 d150@350 FINISHED WITH SAME MATERIAL TO AROUND FLOOR		PANIC OPEN SYSTEM											
SYMBOL/TYPE	AD 6	SWING DOOR	AD 7	SWING DOOR + SLIDING WINDOW	AD 8	SWING DOOR + SLIDING WINDOW	AD 9	SWING DOOR	AD 10	SWING DOOR + FIX	AD 11	SWING DOOR + FIX		
SHAPE														
QTY	7		1		2		4		1		1			
MATERIAL /FINISH	ALUMINUM ALUMITE		ALUMINUM ALUMITE		ALUMINUM ALUMITE		ALUMINUM ALUMITE		ALUMINUM ALUMITE		ALUMINUM ALUMITE			
FRAME	ditto FRAME SIZE : 70X25		ditto FRAME SIZE : 70X25		ditto FRAME SIZE : 70X25		ditto FRAME SIZE : 70X25		ditto FRAME SIZE : 70X25		ditto FRAME SIZE : 70X25			
THRESHOLD	SUS 11.5 HL		SUS 11.5 HL		SUS 11.5 HL		SUS 11.5 HL		SUS 11.5 HL		SUS 11.5 HL			
GLASS			FLOAT 15.0		FLOAT 15.0		SUS 11.5 HL		FLOAT 15.0		FLOAT 15.0			
LOCK	C-LOCK w/TT		C-LOCK w/TT		C-LOCK w/TT		C-LOCK w/TT		C-LOCK w/TT		C-LOCK w/TT			
HARD WARES	L-H, BH, DC, DS		L-H, BH, DC, DS		L-H, BH, DC, DS		L-H, BH, DC, DS		L-H, BH, DC, DS		L-H, BH, DC, DS			
REMARKS														
ABBREVIATIONS	HINGE		HANDLE		LOCK		OTHER							
	BH : BUTT HINGE		C-H : CASE HANDLE		C-LOCK : CYLINDER LOCK		L-BOLT : LATCH BOLT		NOTE □ UNLESS OTHERWISE SPECIFIED HAREWARES BE SUS304					
	FH : FLOOR HINGE		B-H : BAR HANDLE		H-LOCK : HOOK LOCK		CR : CRESCENT LATCH		□ GRILLE OPENING RATIO SHALL 35□					
	GH : GRAVITY HINGE		L-H : LEVER HANDLE		C-BOLT : CREMONE BOLT		TT : THUMB TURN							
	PH : PIVOT HINGE		N-H : KNOB HANDLE		E-BOLT : EXTENSION BOLT									



Japan International Cooperation Agency
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Design Engineer
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Project for Improvement
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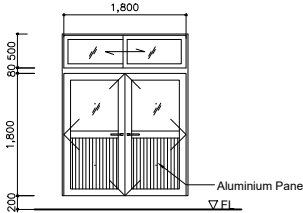
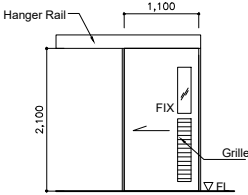
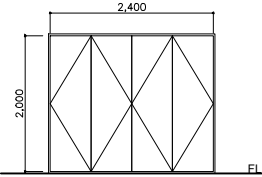
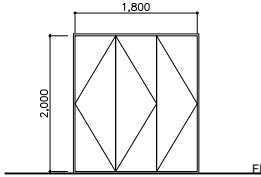
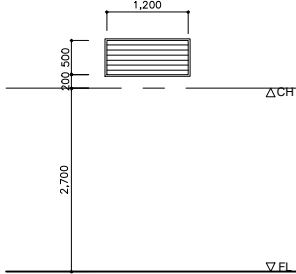
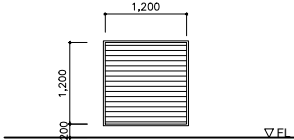
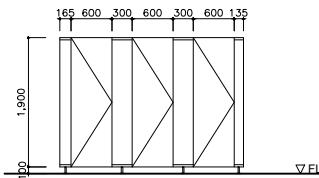
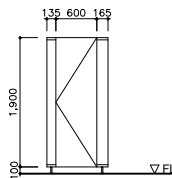
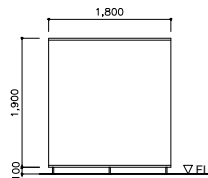
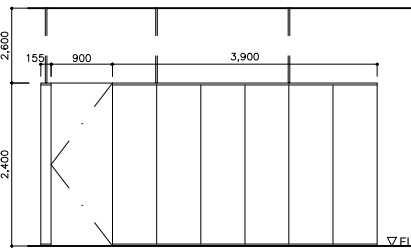
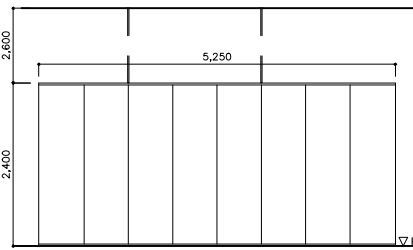
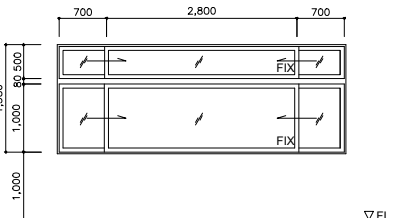
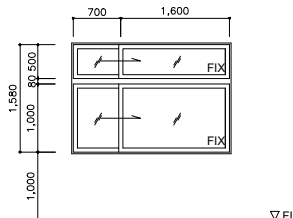
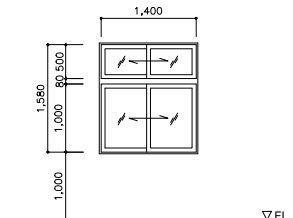
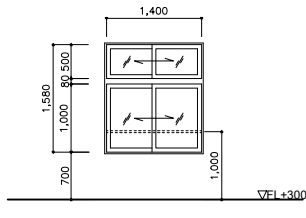
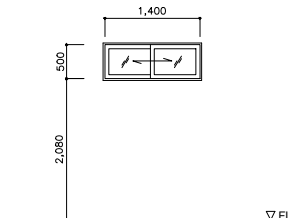
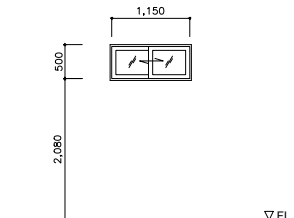
TITLE:
SCHEDULE OF
DOORS AND WINDOWS - 1

Scale:
1:50(A1)
1:100(A3)

DESIGNED BY:			
DRAWN BY:			
CHECKED BY:			
APPROVED BY:			
DATE:	APRIL, 2018		

A-042

Drawing No:
SHEET No:

SYMBOL/TYPE	 SWING DOOR + SLIDING WINDOW	 SLIDING DOOR	 MAINTENANCE HATCH	 MAINTENANCE HATCH	 LOUVER	 LOUVER		
SHAPE								
QTY	2	1	10	2	5	2		
MATERIAL /FINISH	ALUMINUM ALUMITE	HARDWOOD w/OSCL FULL FLUSH DOOR	ALUMINIUM ALUMITE FLAME	ALUMINIUM ALUMITE FLAME	ALUMINUM ALUMITE	ALUMINUM ALUMITE		
FRAME	ditto FRAME SIZE : 70X25	HARD WOOD w/OSCL	ditto FRAME SIZE : 70X25	ditto FRAME SIZE : 70X25	ditto FRAME SIZE : 70X25	ditto FRAME SIZE : 70X25		
THRESHOLD	SUS t1.5 HL	SUS t1.5 HL						
GLASS	FLOAT t5.0	PATTERNED t5.0						
LOCK	C-LOCK w/TT	LAVATORY LATCH INDICATOR	C-LOCK	C-LOCK				
HARD WARES	L-H, BH, DC, DS	B-H, HANGER RAIL, HANGER ROLLER	PH, C-H, C-LOCK	PH, C-H, C-LOCK				
REMARKS								
SYMBOL/TYPE	 ALUMINUM PARTITION	 ALUMINUM PARTITION	 ALUMINUM PARTITION	 ALUMINUM PARTITION	 ALUMINUM PARTITION			
SHAPE								
QTY	2	2	2	1	1			
MATERIAL /FINISH	ALUMINUM ALUMITE	ALUMINUM ALUMITE	ALUMINUM ALUMITE	ALUMINUM ALUMITE	ALUMINUM ALUMITE			
FRAME	ditto FRAME SIZE : 70X25	ditto FRAME SIZE : 70X25	ditto FRAME SIZE : 70X25	ditto FRAME SIZE : 70X25	ditto FRAME SIZE : 70X25			
THRESHOLD								
GLASS								
LOCK	L-BOLT	L-BOLT	L-BOLT	C-LOCK w/TT				
HARD WARES				DC				
REMARKS								
SYMBOL/TYPE	 SLIDING WINDOW (6-LEAF)	 SLIDING WINDOW (4-LEAF)	 SLIDING WINDOW (4-LEAF)	 SLIDING WINDOW (4-LEAF)	 SLIDING WINDOW	 SLIDING WINDOW		
SHAPE								
QTY	2	1	9	4	8	1		
MATERIAL /FINISH	ALUMINUM ALUMITE	ALUMINUM ALUMITE	ALUMINUM ALUMITE	ALUMINUM ALUMITE	ALUMINUM ALUMITE	ALUMINUM ALUMITE		
FRAME	ditto FRAME SIZE : 70X25	ditto FRAME SIZE : 70X25	ditto FRAME SIZE : 70X25	ditto FRAME SIZE : 70X25	ditto FRAME SIZE : 70X25	ditto FRAME SIZE : 70X25		
THRESHOLD								
GLASS	FLOAT t5.0	FLOAT t5.0	FLOAT t5.0	FLOAT t5.0	FLOAT t5.0	FLOAT t5.0		
LOCK	CR	CR	CR	CR	CR	CR		
HARD WARES								
REMARKS	SLIDING STAINLESS STEEL INSECT NET SCREEN , STOPPER	SLIDING STAINLESS STEEL INSECT NET SCREEN , STOPPER	SLIDING STAINLESS STEEL INSECT NET SCREEN	SLIDING STAINLESS STEEL INSECT NET SCREEN	SLIDING STAINLESS STEEL INSECT NET SCREEN	SLIDING STAINLESS STEEL INSECT NET SCREEN		
ABBREVIATIONS	HINGE		HANDLE		LOCK		OTHER	
	BH : BUTT HINGE		C-H : CASE HANDLE		C-LOCK : CYLINDER LOCK		L-BOLT : LATCH BOLT	
	FH : FLOOR HINGE		B-H : BAR HANDLE		H-LOCK : HOOK LOCK		CR : CRESCENT LATCH	
	GH : GRAVITY HINGE		L-H : LEVER HANDLE		C-BOLT : CREMONE BOLT		TT : THUMB TURN	
	PH : PIVOT HINGE		N-H : KNOB HANDLE		E-BOLT : EXTENSION BOLT			
NOTE								□ UNLESS OTHERWISE SPECIFIED HAREWARES BE SUS304 □ GRILLE OPENING RATIO SHALL 35□



Japan International Cooperation Agency
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Design Engineer
Oriental Consultants Global Co., Ltd.
Eight-Japan Engineering Consultant Inc.

Project
Project for Improvement
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TITLE:
SCHEDULE OF
DOORS AND WINDOWS - 2

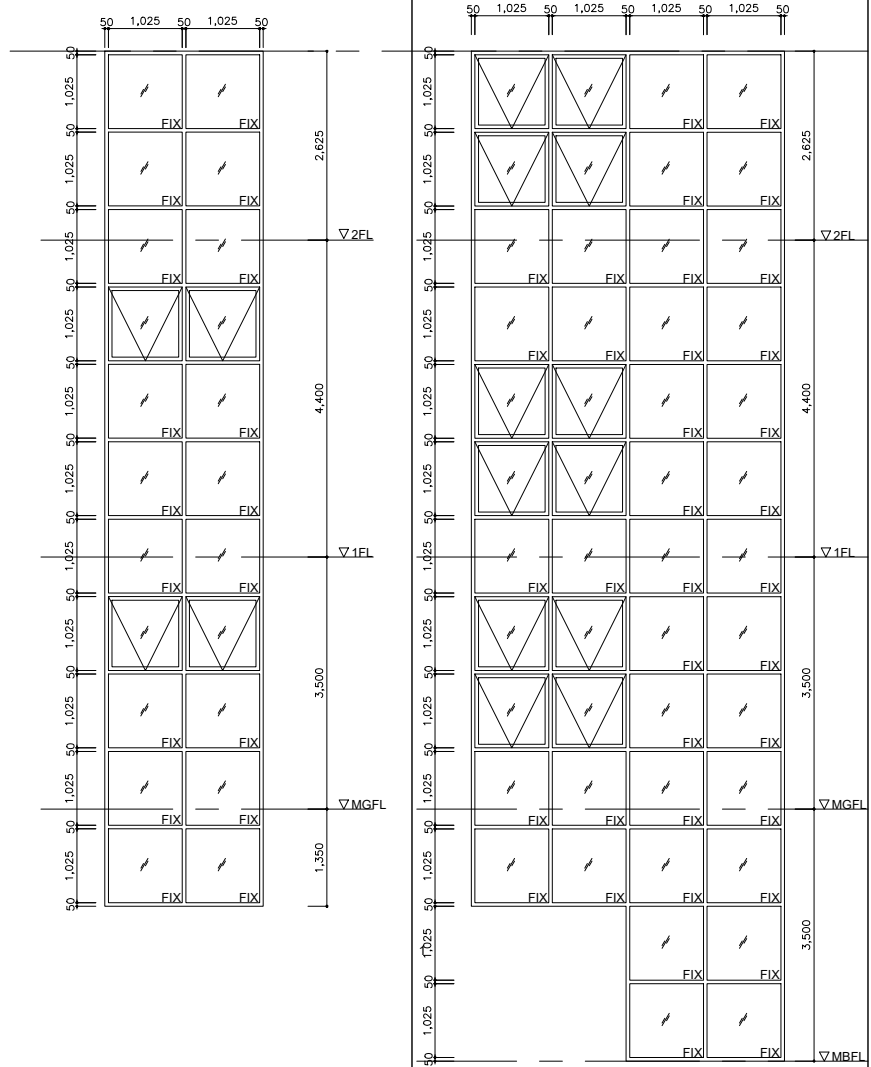
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1:100(A3)

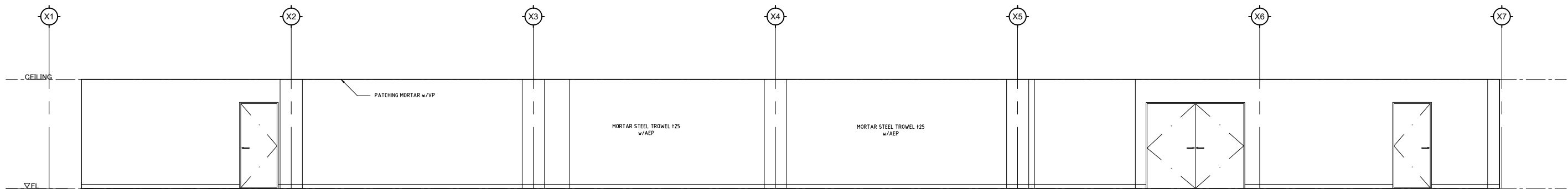
DESIGNED BY:			
DRAWN BY:			
CHECKED BY:			
APPROVED BY:			
DATE:	APRIL, 2018		

A-043

Drawing No:
SHEET No:

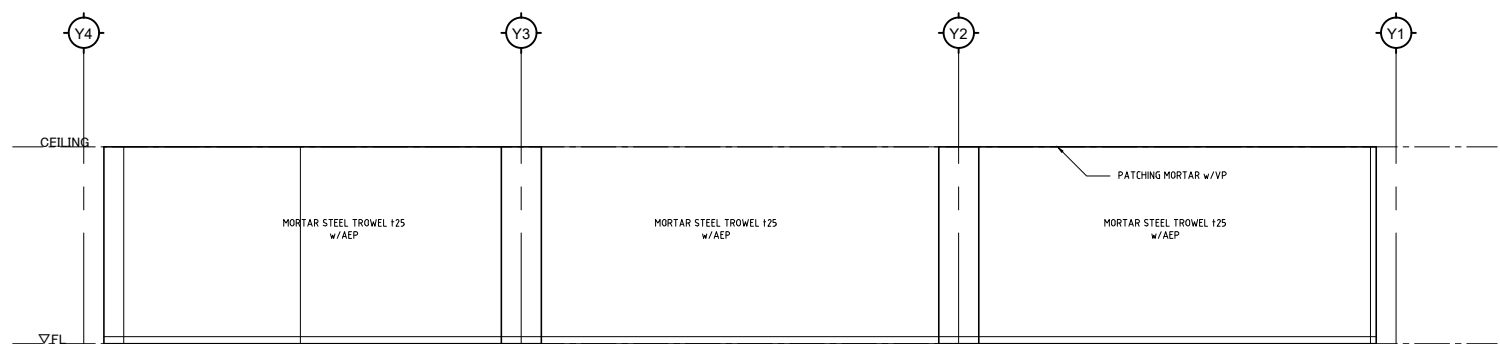
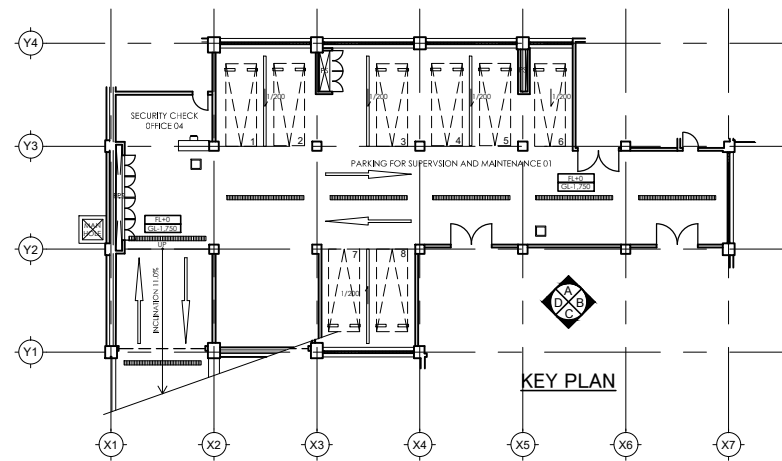
SYMBOL/TYPE	AW 6 TOP HINGE SWING WINDOW	AW 7 FIX WINDOW	AW 8 GLASS BLOCK WINDOW	AW 9 GLASS BLOCK WINDOW	AW 12 HOPPER WINDOW + FIX WINDOW	AW 13 HOPPER WINDOW + FIX WINDOW
SHAPE						
QTY	2	1	7	1		
MATERIAL /FINISH	ALUMINUM ALUMITE	ALUMINUM ALUMITE	ALUMINUM ALUMITE	ALUMINUM ALUMITE		
FRAME	ditto FRAME SIZE : 70X25	ditto FRAME SIZE : 70X25	ditto FRAME SIZE : 70X25	ditto FRAME SIZE : 70X25		
THRESHOLD						
GLASS	FLOAT 15.0	FLOAT 15.0	GLASS BLOCK 150 x 150	GLASS BLOCK 150 x 150		
LOCK	CR	CR				
HARD WARES						
REMARKS	SWING STAINLESS STEEL INSECT NET SCREEN					
SYMBOL/TYPE	AW 10 GLASS BLOCK WINDOW	AW 11 SLIDING WINDOW (3-LEAF) + GLASS BLOCK WINDOW	AW 14 FIX WINDOW			
SHAPE						
QTY	1	2	1			
MATERIAL /FINISH	ALUMINUM ALUMITE	ALUMINUM ALUMITE	ALUMINUM ALUMITE			
FRAME	ditto FRAME SIZE : 70X25	ditto FRAME SIZE : 70X25	ditto FRAME SIZE : 70X25			
THRESHOLD						
GLASS	GLASS BLOCK 150 x 150	FLOAT 15.0 + GLASS BLOCK 150 x 150	LAMINATED GLASS 16.0			
LOCK		CR	CR			
HARD WARES						
REMARKS		SLIDING STAINLESS STEEL INSECT NET SCREEN , STOPPER				
SYMBOL/TYPE	AW 15 SLIDING WINDOW (9-LEAF)	AW 16 SLIDING WINDOW (6-LEAF)	AW 17 SLIDING WINDOW	AW 18 SLIDING WINDOW		
SHAPE						
QTY	2	1	1	4	1	
MATERIAL /FINISH	ALUMINUM ALUMITE	ALUMINUM ALUMITE	ALUMINUM ALUMITE	ALUMINUM ALUMITE	ALUMINUM ALUMITE	ALUMINUM ALUMITE
FRAME	ditto FRAME SIZE : 70X25	ditto FRAME SIZE : 70X25	ditto FRAME SIZE : 70X25	ditto FRAME SIZE : 70X25	ditto FRAME SIZE : 70X50	ditto FRAME SIZE : 70X50
THRESHOLD						
GLASS	LAMINATED GLASS 16.0	LAMINATED GLASS 16.0	FLOAT 15.0	FLOAT 15.0	FLOAT 16.0 , FIGURED GLASS 16.0	FLOAT 16.0 , FIGURED GLASS 16.0
LOCK	CR	CR	CR	CR		
HARD WARES						
REMARKS	SLIDING STAINLESS STEEL INSECT NET SCREEN , STOPPER	SLIDING STAINLESS STEEL INSECT NET SCREEN , STOPPER			STAINLESS STEEL INSECT NET SCREEN	STAINLESS STEEL INSECT NET SCREEN
ABBREVIATIONS	HINGE BH : BUTT HINGE FH : FLOOR HINGE GH : GRAVITY HINGE PH : PIVOT HINGE HANDLE C-H : CASE HANDLE B-H : BAR HANDLE L-H : LEVER HANDLE N-H : KNOB HANDLE LOCK C-LOCK : CYLINDER LOCK H-LOCK : HOOK LOCK C-BOLT : CREMONE BOLT E-BOLT : EXTENSION BOLT OTHER DC : DOOR CHECK DS : DOOR STOPPER				NOTE	※UNLESS OTHERWISE SPECIFIED HAREWARES BE SUS304 ※GRILLE OPENING RATIO SHALL 35%



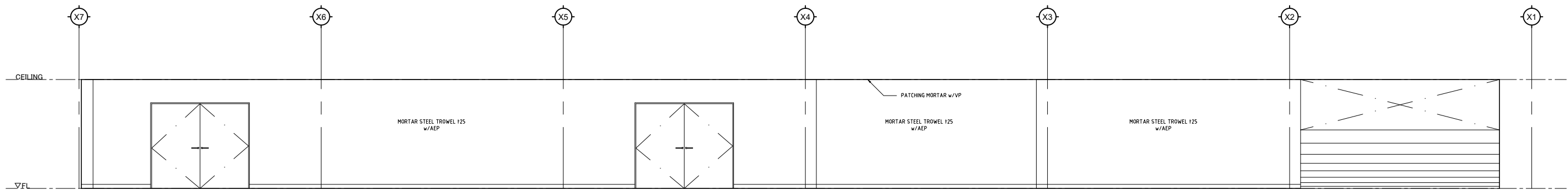


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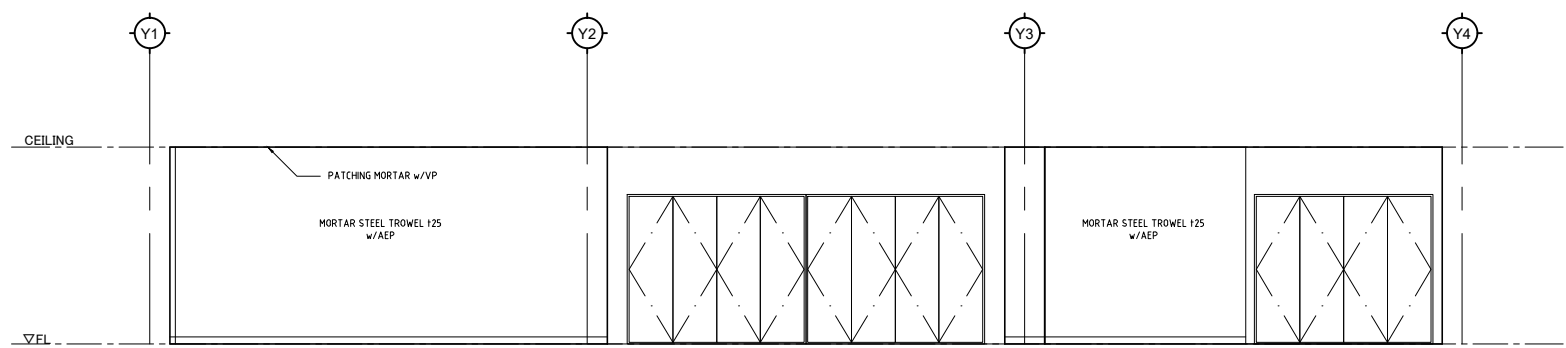
NO	01 PARKING FOR SUPERVISION AND MAINTENANCE
SPACE	
FLOOR	MORTAR STEEL TROWEL 118 URETHANE FLOOR COAT A(NON SLIP)
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL 125 w/AEP
MOLDING	
CEILING	PATCHING MORTAR w/VP
REMARKS	CORNER GUARD ON COLUMN, CAR STOPPER, DRAINAGE PIT



B



C



D



Japan International Cooperation Agency
(JICA)



For a better City

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Design Engineer
Oriental Consultants Global Co., Ltd.



Eight-Japan Engineering Consultant Inc.

Project

Project for Improvement
of Traffic Control in Kampala City

TITLE:

INTERIOR ELEVATION-1

Scale:

1/100@A1
1/200@A3

DESIGNED BY:

DRAWN BY:

CHECKED BY:

APPROVED BY:

DATE:

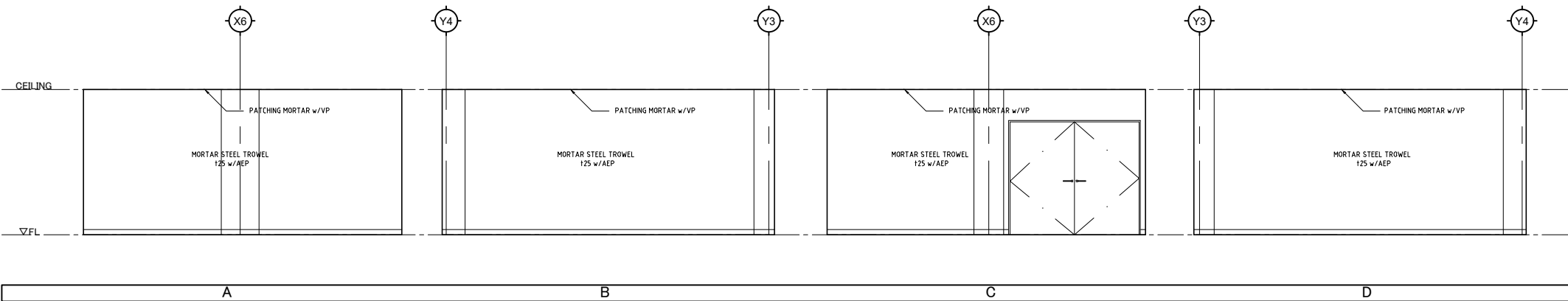
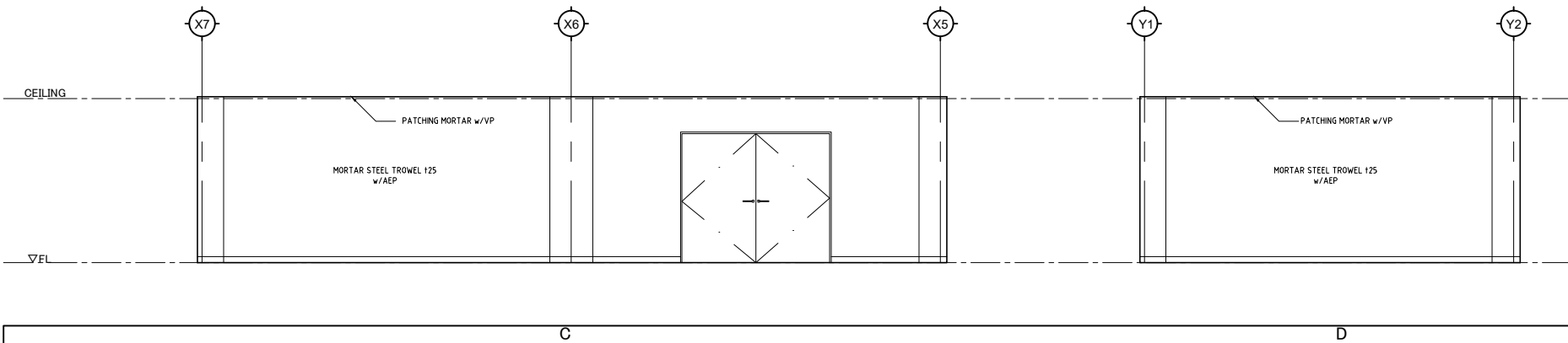
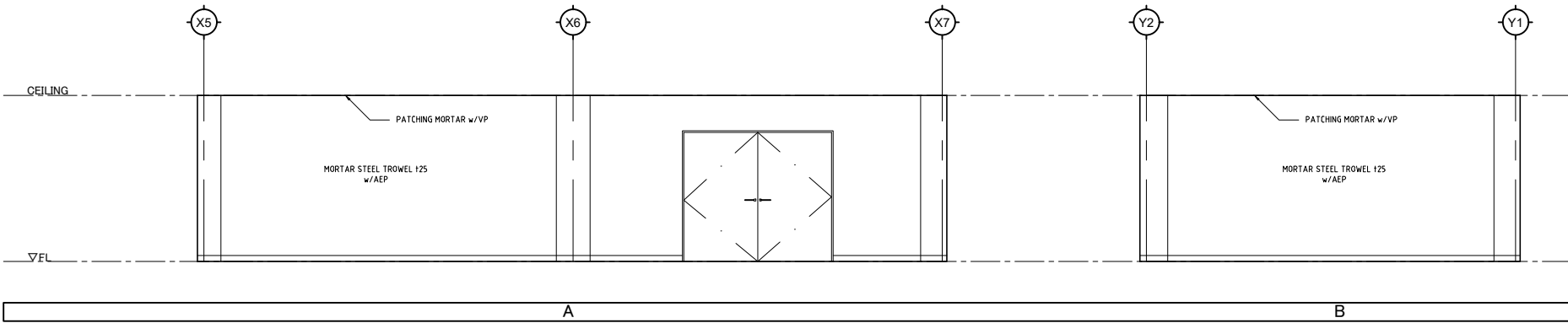
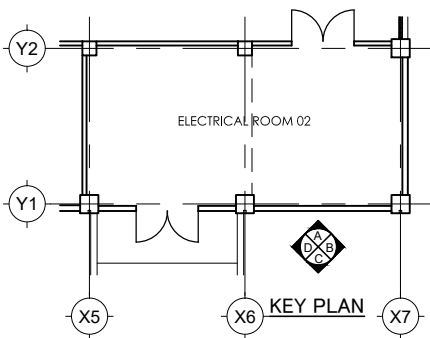
NOVEMBER, 2017

A-045

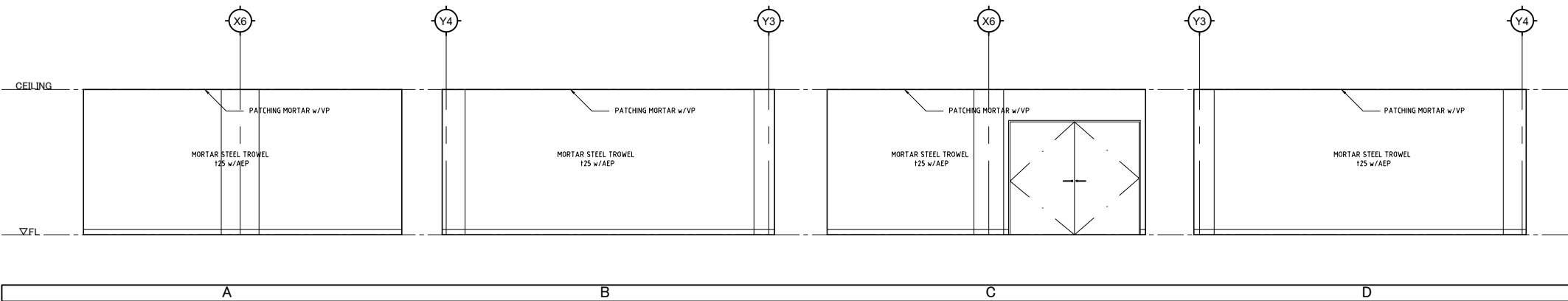
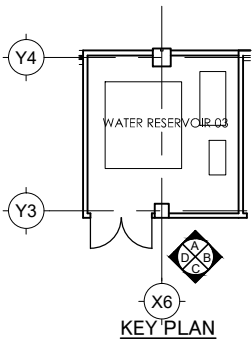
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SHEET No:

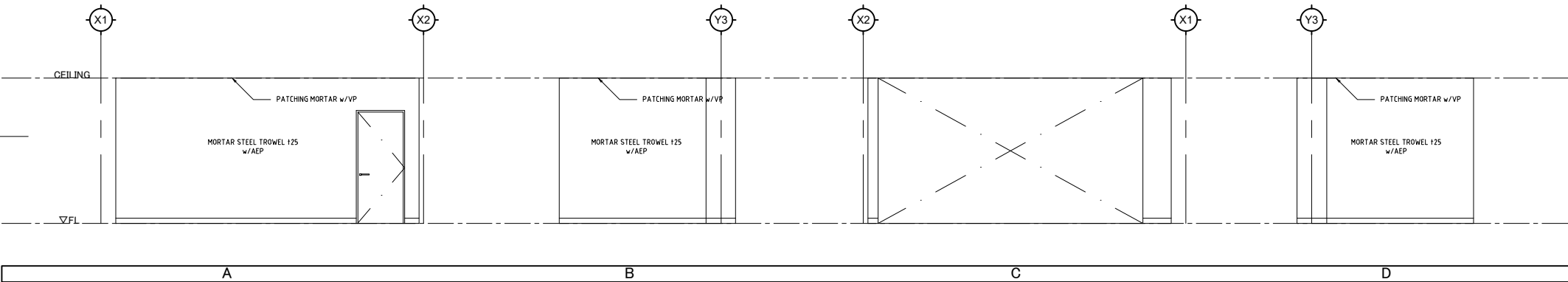
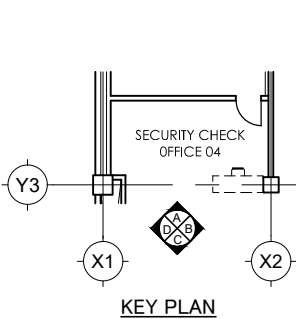
NO SPACE	02 ELECTRICAL ROOM
FLOOR	MORTAR STEEL TROWEL t18 URETHANE FLOOR COAT A
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL t25 w/AEP
MOLDING	
CEILING	PATCHING MORTAR w/VP
REMARKS	GALVANIZED STEEL PIT COVER



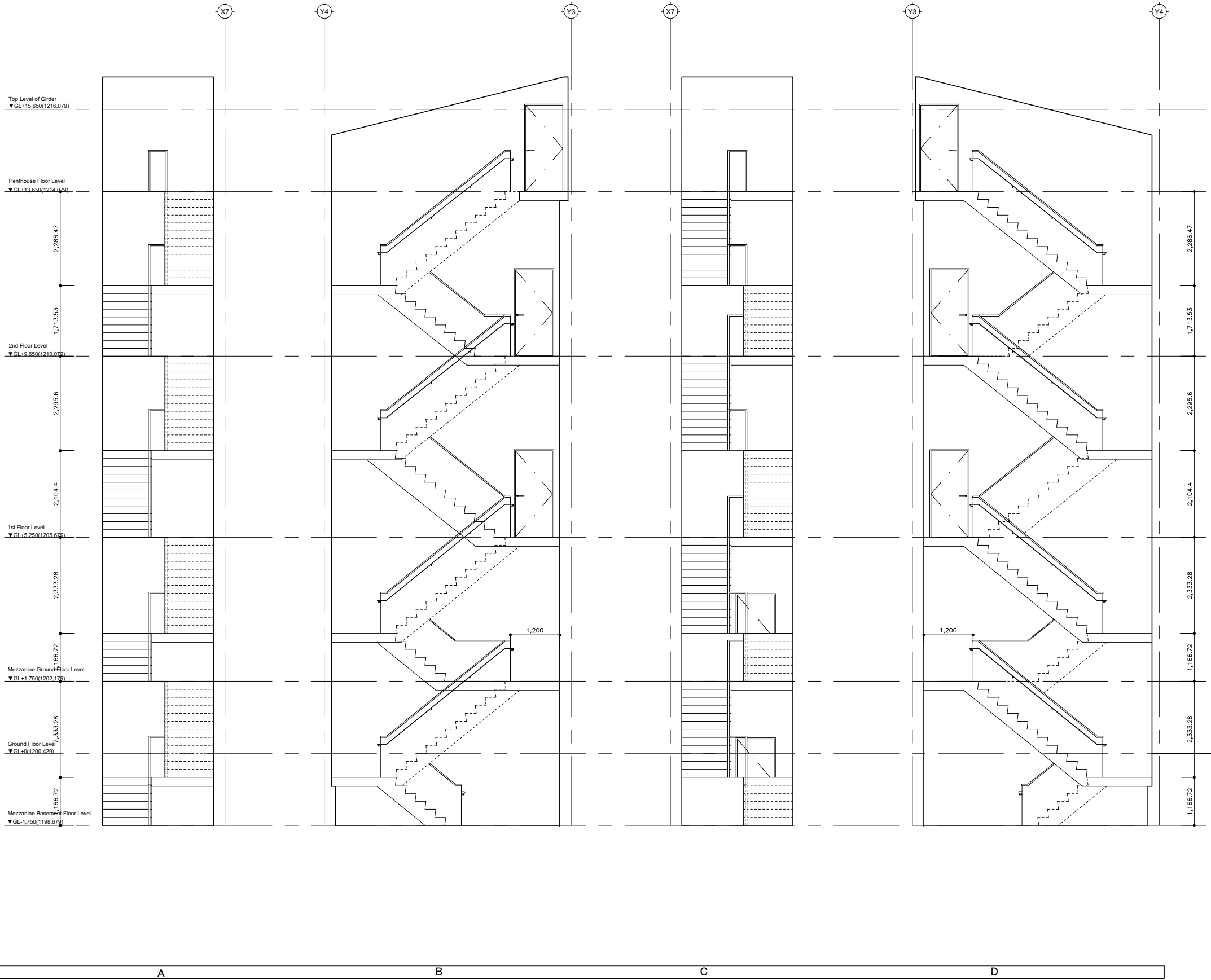
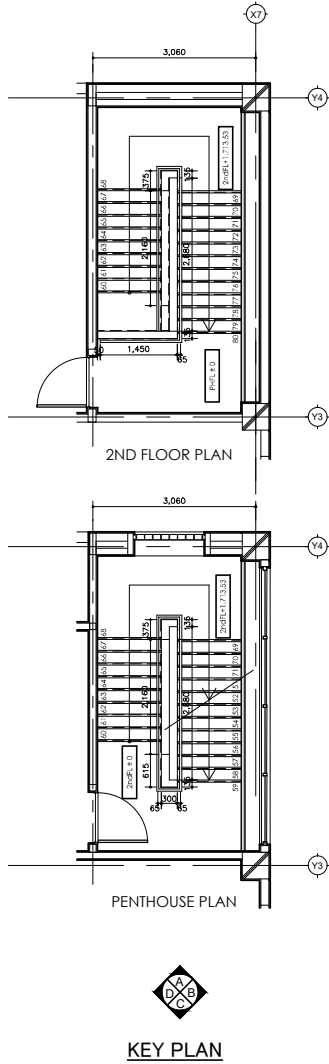
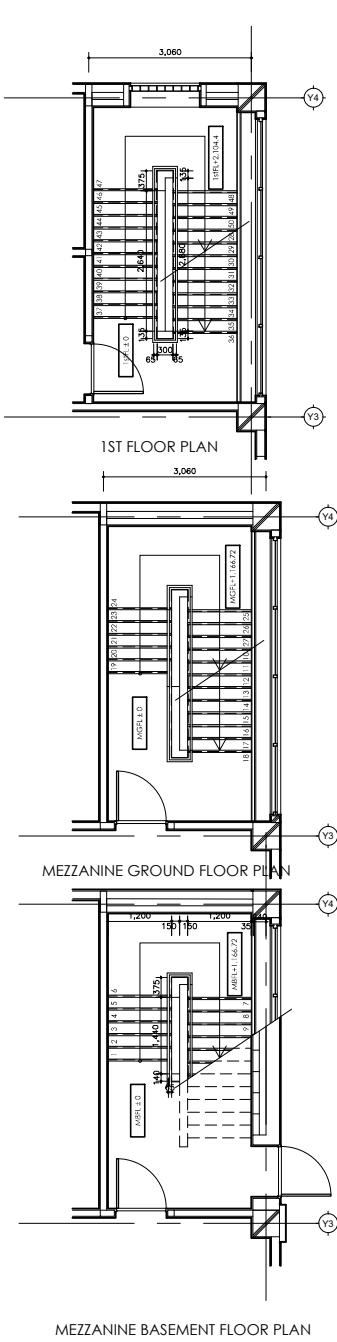
NO SPACE	03 WATER RESERVOIR ROOM
FLOOR	MORTAR STEEL TROWEL t18 URETHANE FLOOR COAT A
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL t25 w/AEP
MOLDING	
CEILING	PATCHING MORTAR w/VP
REMARKS	



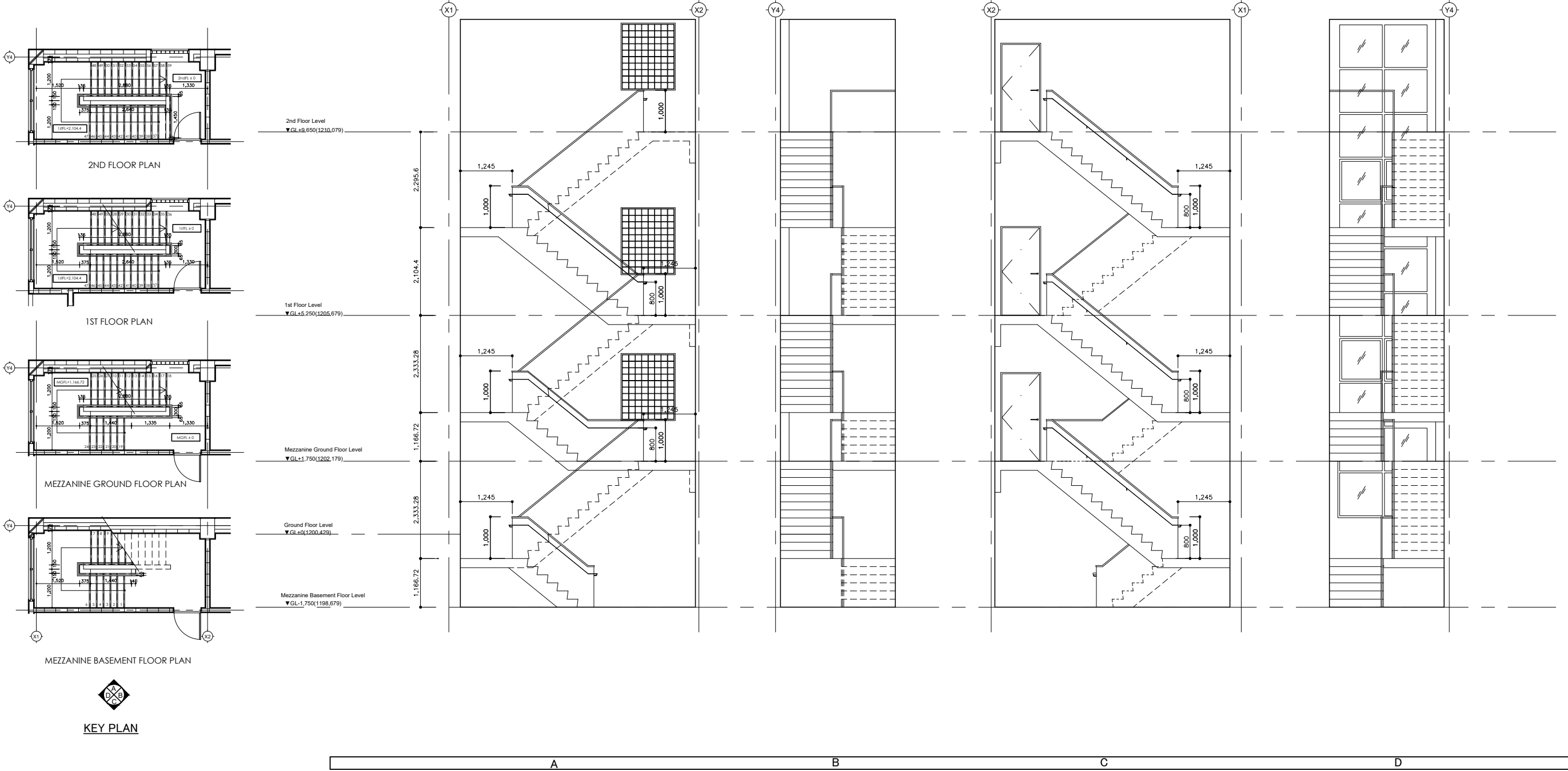
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FLOOR	MORTAR STEEL TROWEL t18 URETHANE FLOOR COAT A
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL t25 w/AEP
MOLDING	
CEILING	PATCHING MORTAR w/VP
REMARKS	



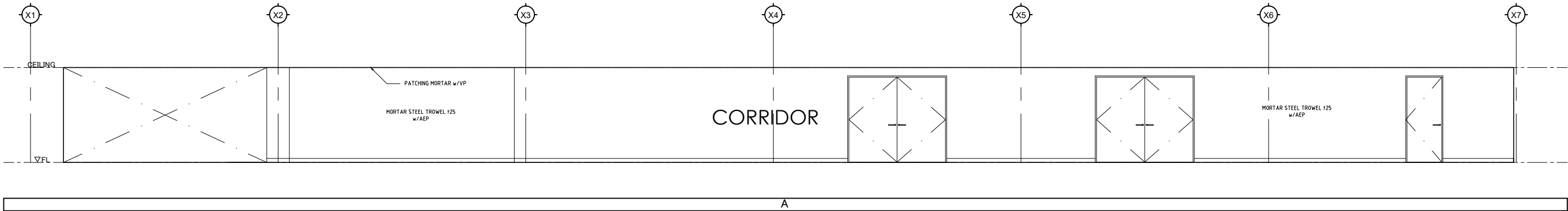
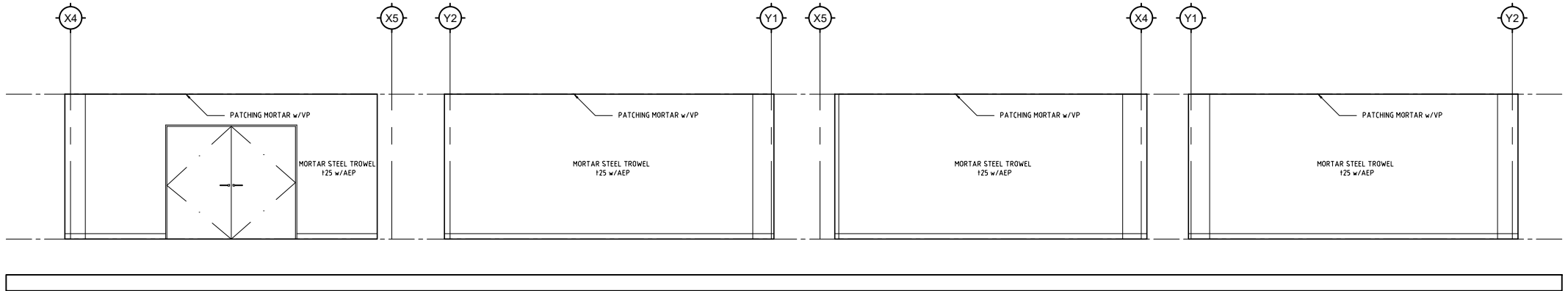
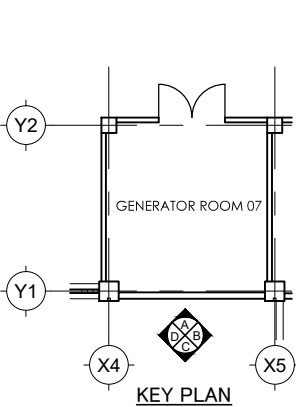
NO	05
SPACE	STAIR CASE-1
FLOOR	MORTAR STEEL TROWEL t18 URETHANE FLOOR COAT A
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL 125 w/AEP
MOLDING	
CEILING	PATCHING MORTAR w/VP
REMARKS	HANDRAIL SUS-FB



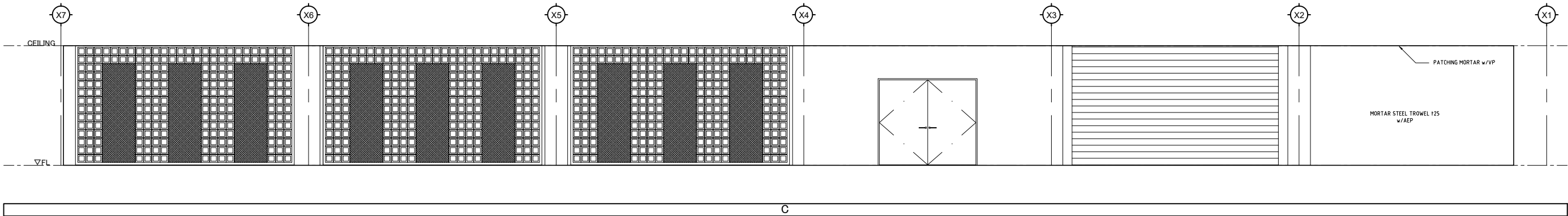
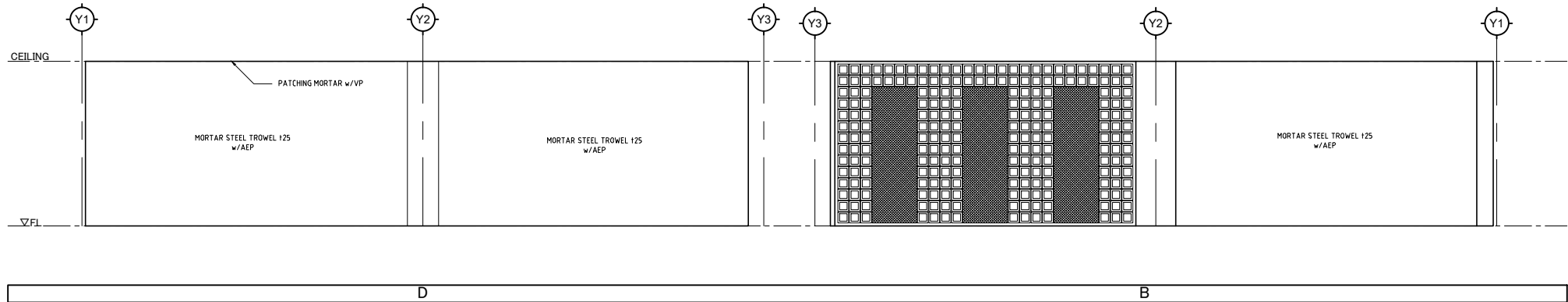
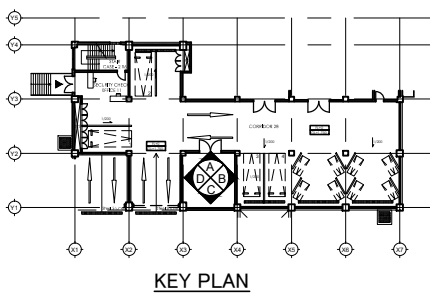
NO	06
SPACE	STAIR CASE-2
FLOOR	MORTAR STEEL TROWEL t18 URETHANE FLOOR COAT A
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL t25 w/AEP
MOLDING	
CEILING	PATCHING MORTAR w/VP
REMARKS	HANDRAIL SUS-FB



NO	07
SPACE	GENERATOR ROOM
FLOOR	MORTAR STEEL TROWEL t18 URETHANE FLOOR COAT A
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL 125 w/AEP
MOLDING	
CEILING	PATCHING MORTAR w/VP
REMARKS	GALVANIZED STEEL PIT COVER



NO	08
SPACE	CORRIDOR
FLOOR	MORTAR STEEL TROWEL t18 URETHANE FLOOR COAT A(NON SLIP)
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL 125 w/AEP
MOLDING	
CEILING	PATCHING MORTAR w/VP
REMARKS	CORNER GUARD ON COLUMN



Japan International Cooperation Agency
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Twitter: @KCCAUUG



Design Engineer
Oriental Consultants Global Co., Ltd.
Eight-Japan Engineering Consultant Inc.

Project
Project for Improvement
of Traffic Control in Kampala City

TITLE:
INTERIOR ELEVATION-5

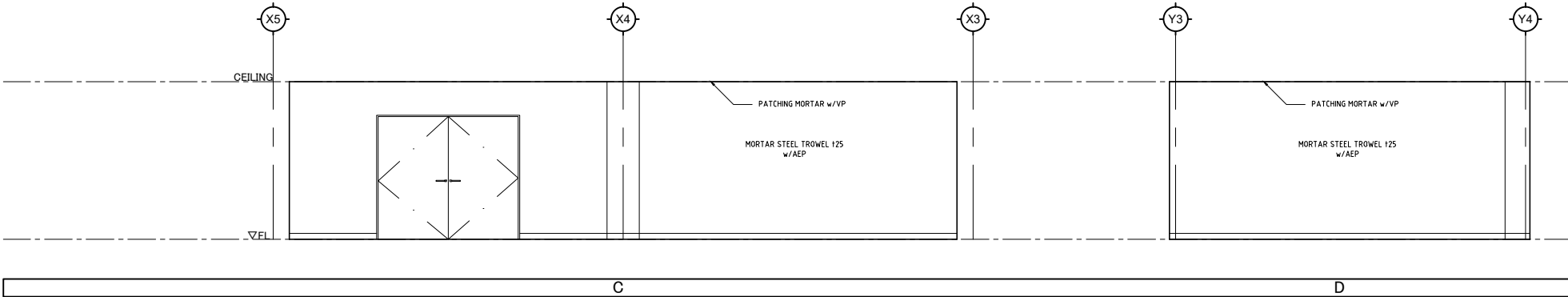
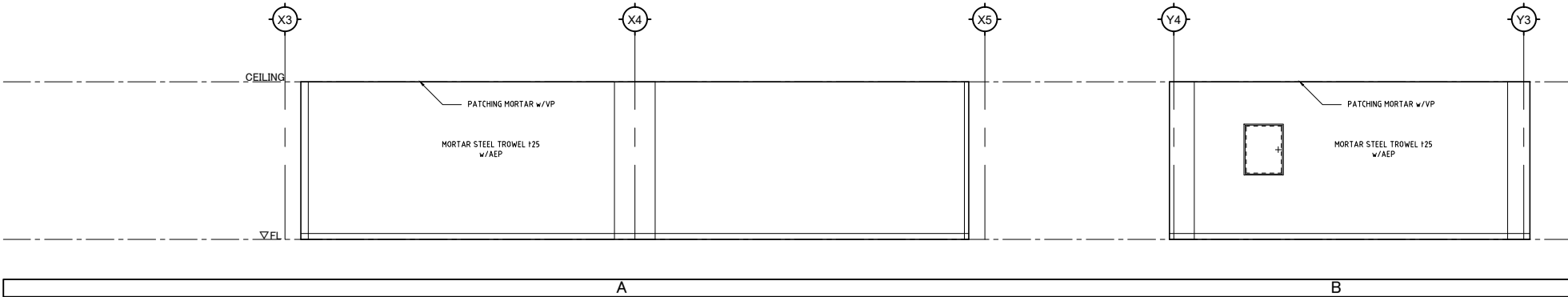
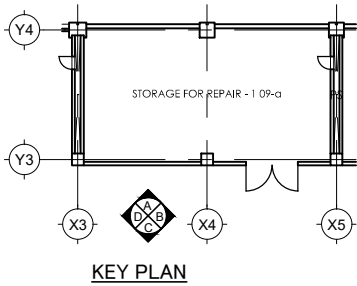
Scale:
1/100@A1
1/200@A3

DESIGNED BY:			
DRAWN BY:			
CHECKED BY:			
APPROVED BY:			
DATE:	NOVEMBER, 2017		

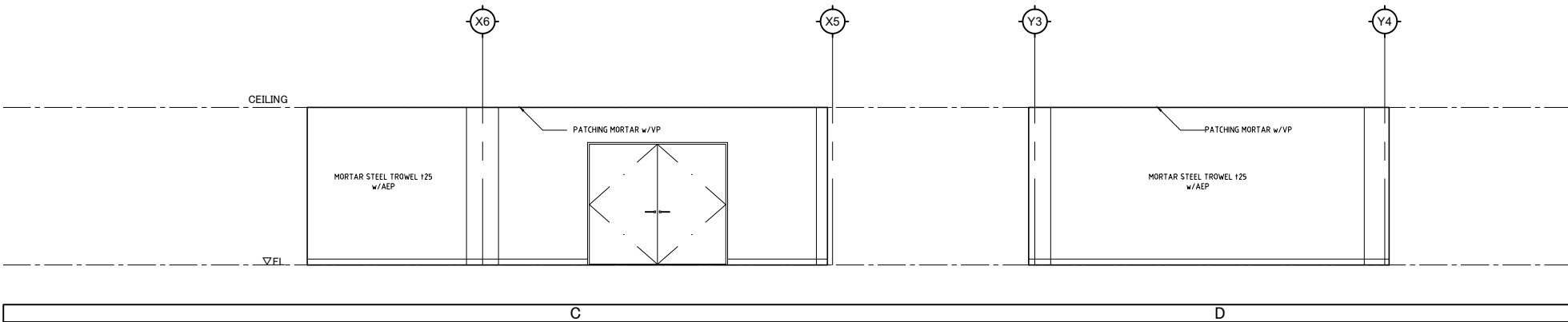
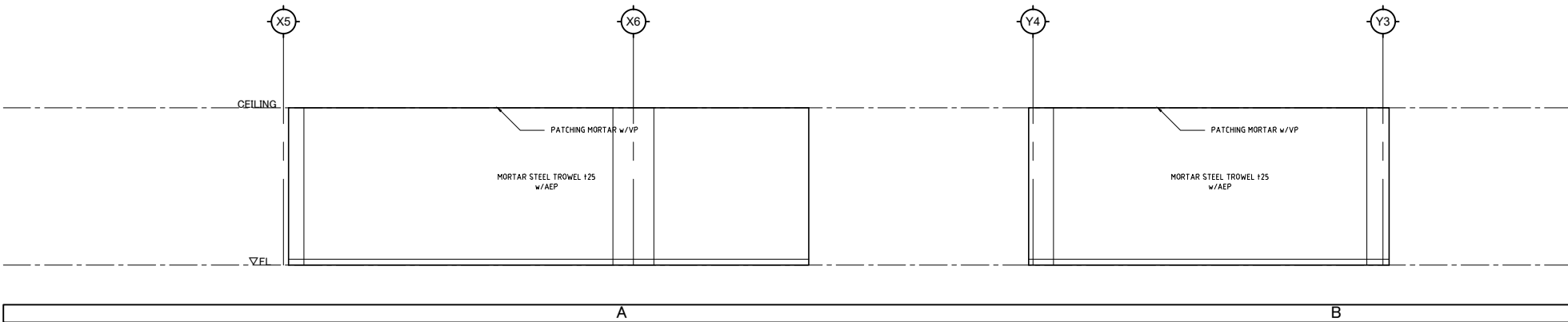
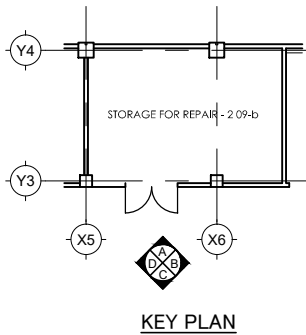
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Drawing No:
SHEET No:

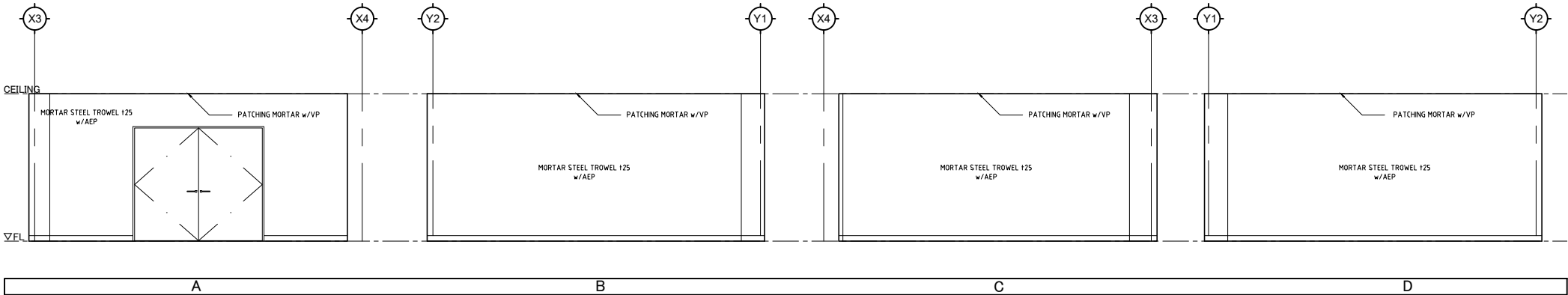
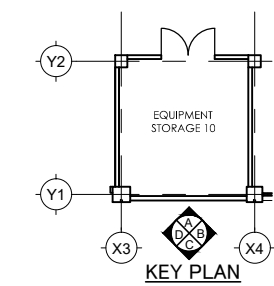
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SPACE	STORAGE FOR REPAIR-1
FLOOR	MORTAR STEEL TROWEL 118 URETHANE FLOOR COAT A(NON SLIP)
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL 125 w/AEP
MOLDING	
CEILING	PATCHING MORTAR w/VP
REMARKS	



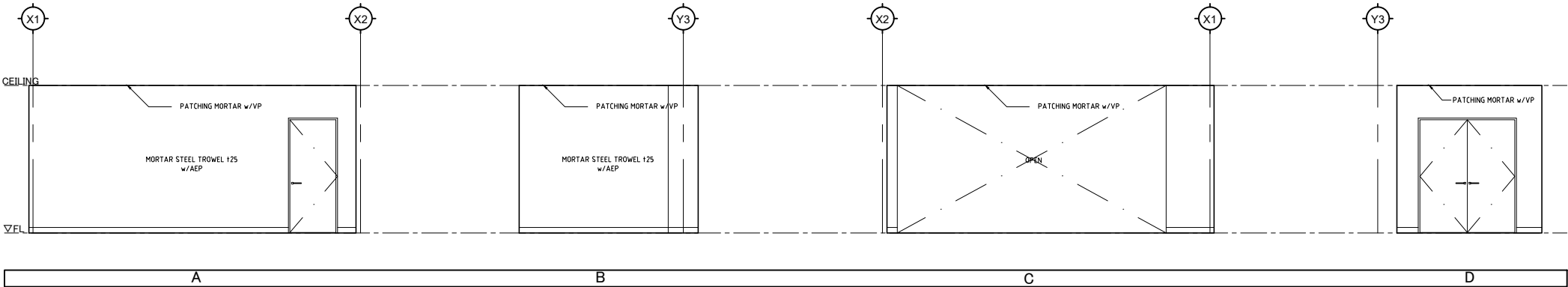
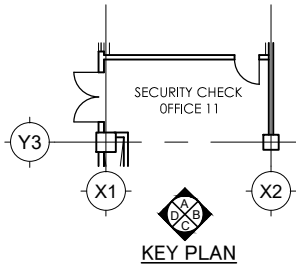
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SPACE	STORAGE FOR REPAIR-2
FLOOR	MORTAR STEEL TROWEL 118 URETHANE FLOOR COAT A(NON SLIP)
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL 125 w/AEP
MOLDING	
CEILING	PATCHING MORTAR w/VP
REMARKS	



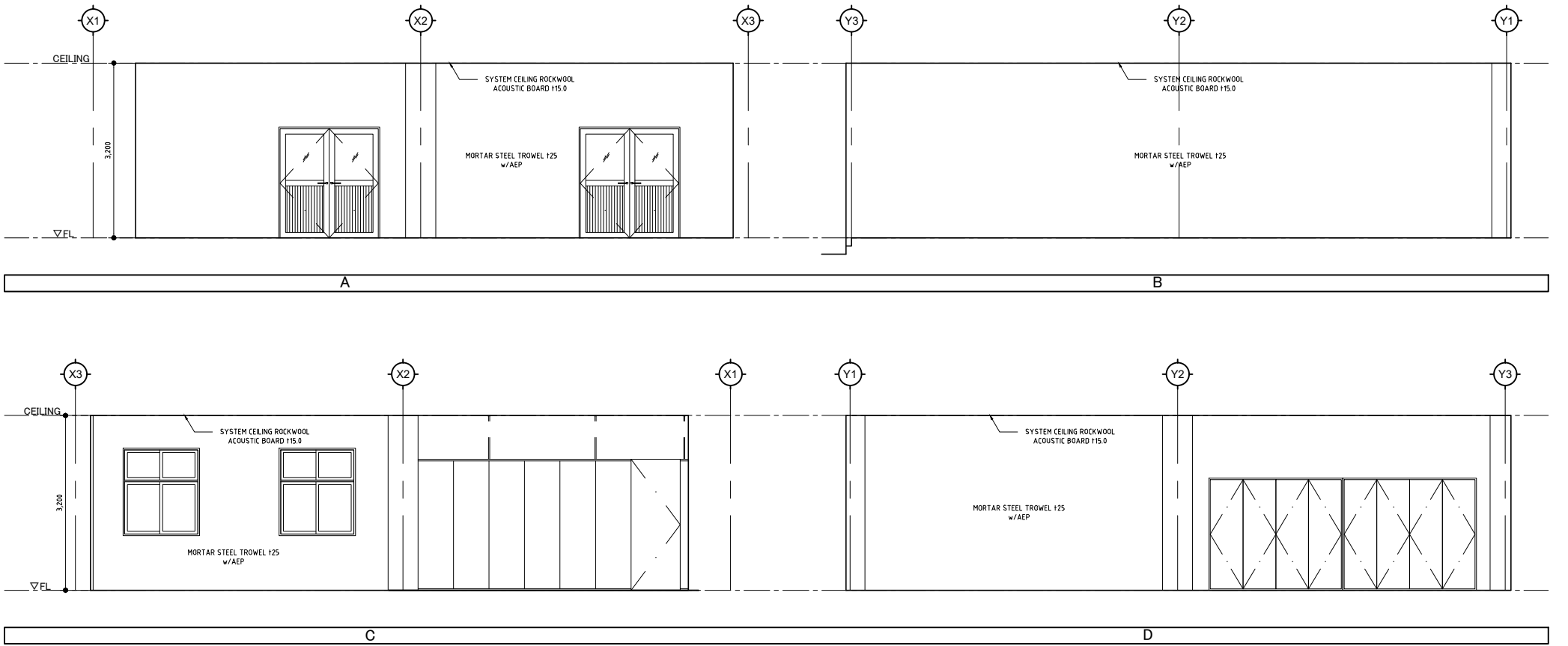
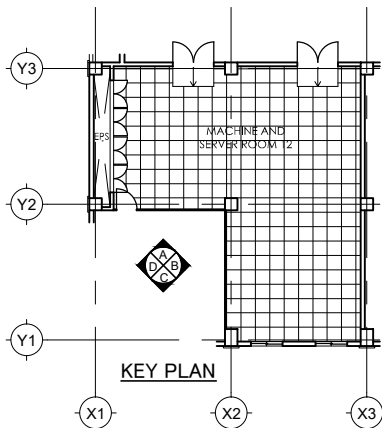
NO	SPACE	10
FLOOR	EQUIPMENT STORAGE	
BASEBOARD	MORTAR STEEL TROWEL t18 URETHANE FLOOR COAT A(NON SLIP)	
WALL	MORTAR STEEL TROWEL t25 w/AEP	
MOLDING		
CEILING	PATCHING MORTAR w/VP	
REMARKS		



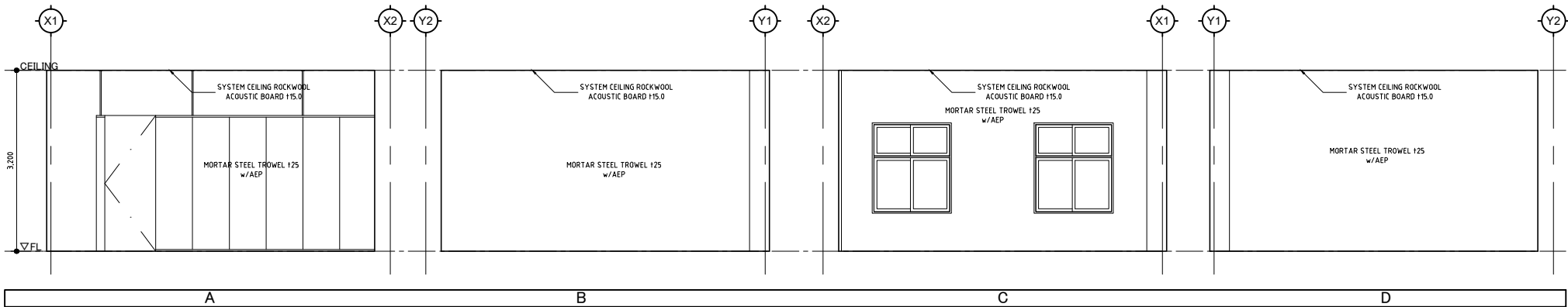
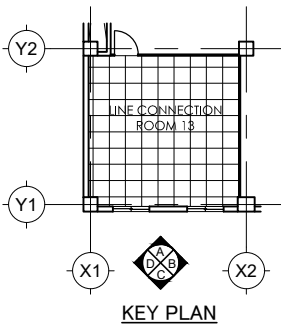
NO	SPACE	11
FLOOR	SECURITY CHECK OFFICE	
BASEBOARD	MORTAR STEEL TROWEL t18 URETHANE FLOOR COAT A(NON SLIP)	
WALL	MORTAR STEEL TROWEL t25 w/AEP	
MOLDING		
CEILING	PATCHING MORTAR w/VP	
REMARKS		



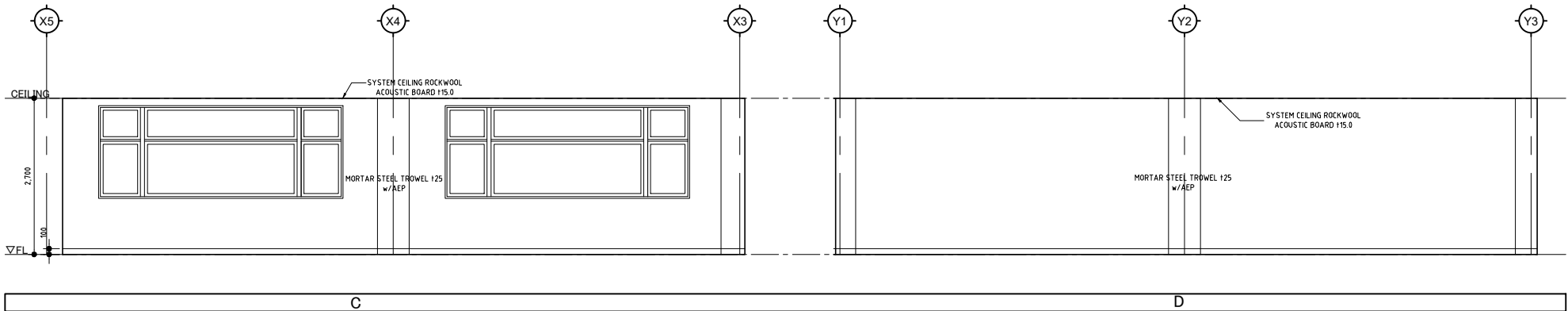
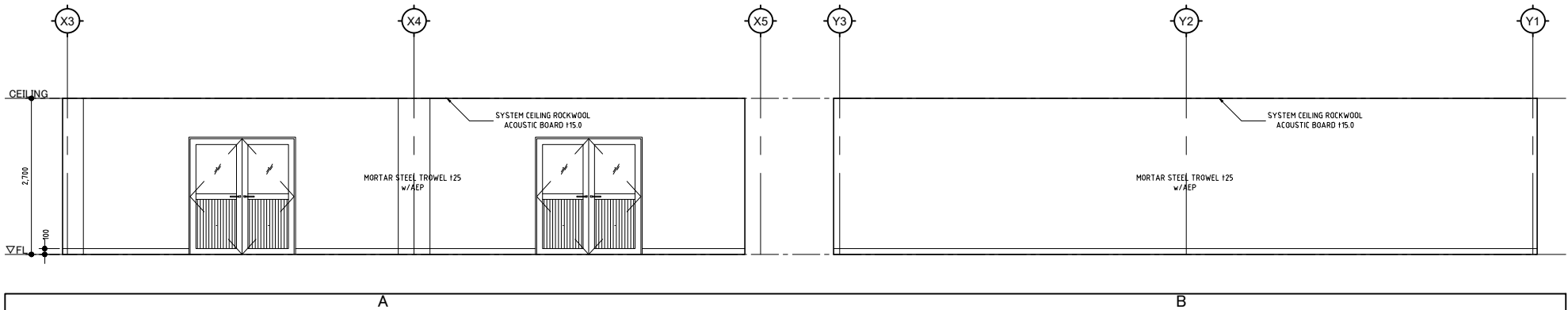
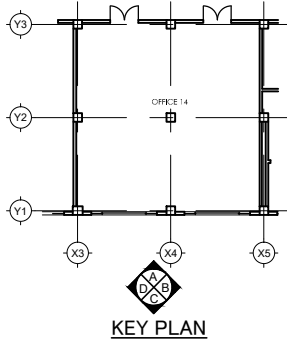
NO	SPACE	12
FLOOR	MACHINE AND SERVER ROOM	
BASEBOARD	MORTAR STEEL TROWEL t18 OA FLOOR H-300 (PORCELAIN TILE)	
WALL	MORTAR STEEL TROWEL t25 w/AEP	
MOLDING		
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD t15.0	
REMARKS		



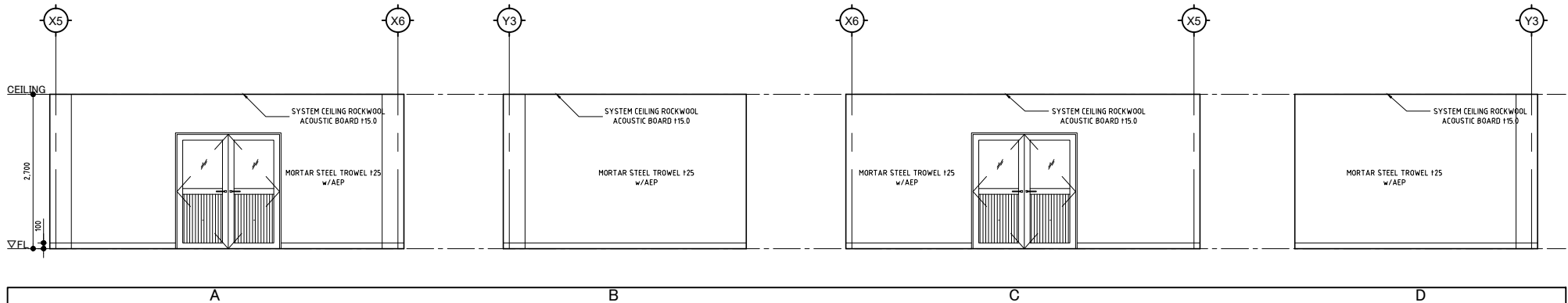
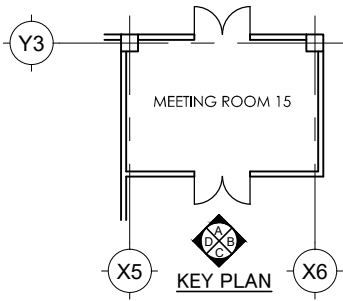
NO SPACE	13 LINE CONNECTION ROOM
FLOOR	MORTAR STEEL TROWEL 118 OA FLOOR H=300 (PORCELAIN TILE)
BASEBOARD	-
WALL	MORTAR STEEL TROWEL 125 w/AEP
MOLDING	
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD 115.0
REMARKS	



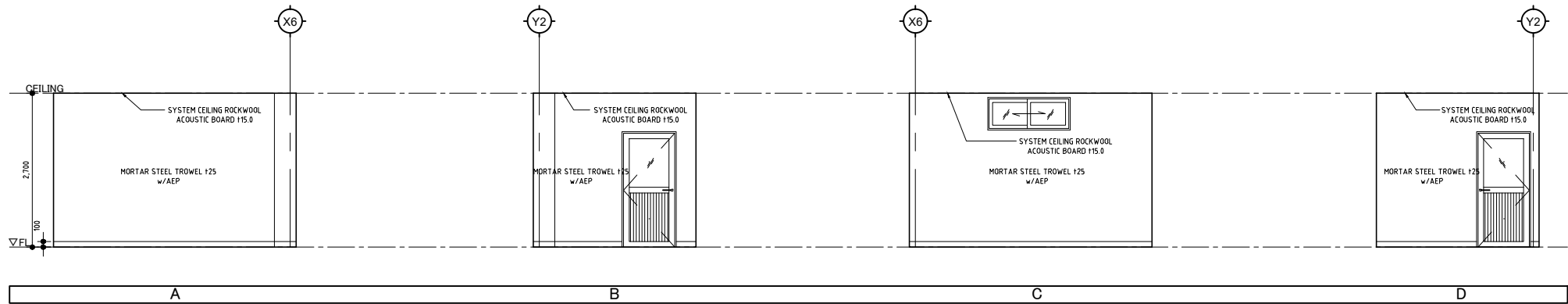
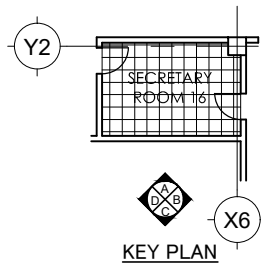
NO SPACE	14 OFFICE (OPERATION & PLANNING SECTION)
FLOOR	MORTAR STEEL TROWEL URETHANE FLOOR COAT A
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL 125 w/AEP
MOLDING	
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD 115.0
REMARKS	OFFICE FURNITURE



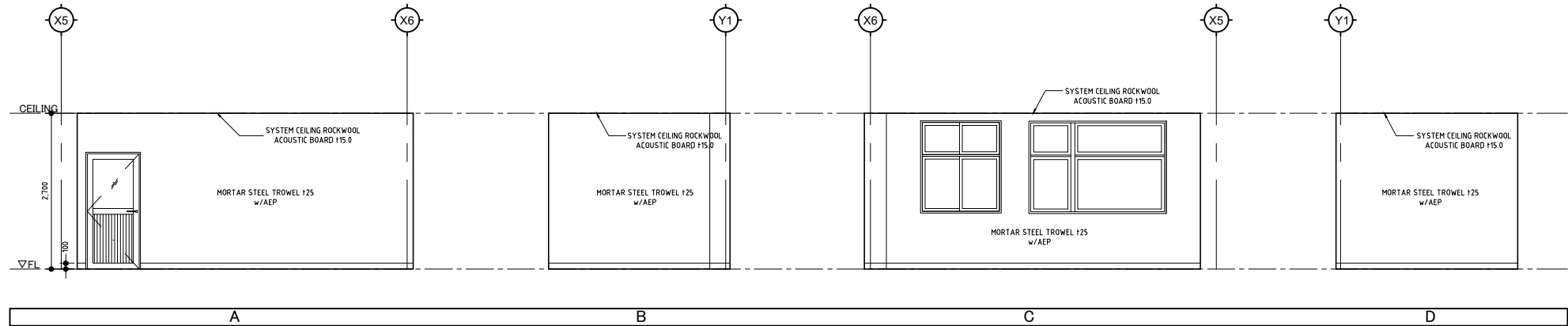
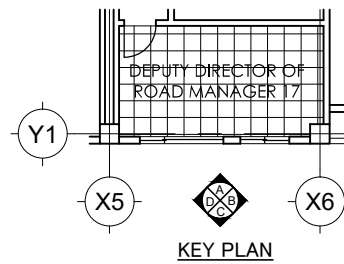
NO SPACE	15 MEETING ROOM
FLOOR	MORTAR STEEL TROWEL URETHANE FLOOR COAT A
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL 125 w/AEP
MOLDING	
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD 115.0
REMARKS	OFFICE FURNITURE



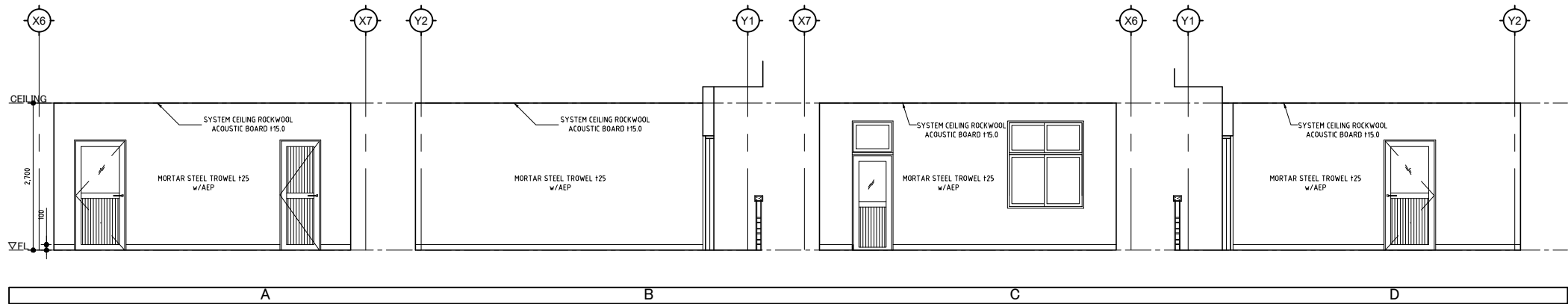
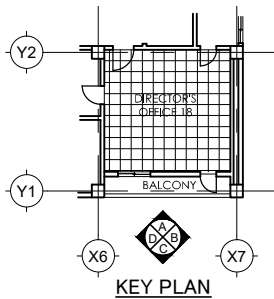
NO SPACE	16 SECRETARY ROOM
FLOOR	MORTAR STEEL TROWEL PORCELAIN TILE
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL 125 w/AEP
MOLDING	
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD 115.0
REMARKS	OFFICE FURNITURE



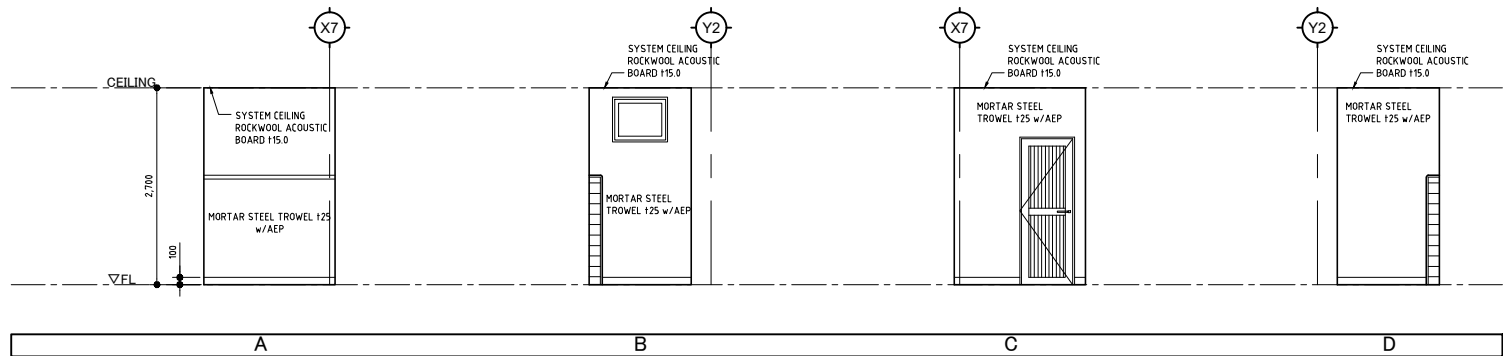
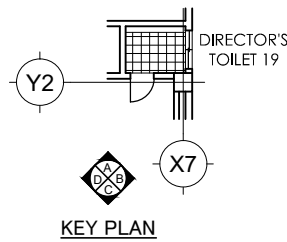
NO SPACE	17 DEPUTY DIRECTOR OF ROAD MANAGER
FLOOR	MORTAR STEEL TROWEL PORCELAIN TILE
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL 125 w/AEP
MOLDING	
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD 115.0
REMARKS	CURTAIN RAIL



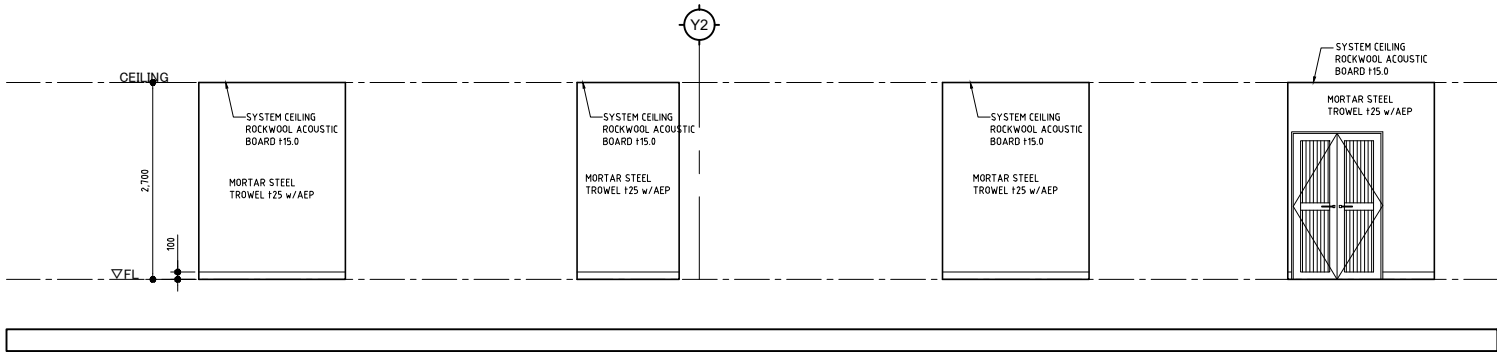
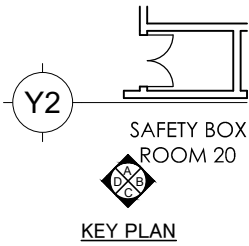
NO SPACE	18 DIRECTOR'S OFFICE
FLOOR	MORTAR STEEL TROWEL PORCELAIN TILE
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL 125 w/AEP
MOLDING	
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD 115.0
REMARKS	OFFICE FURNITURE



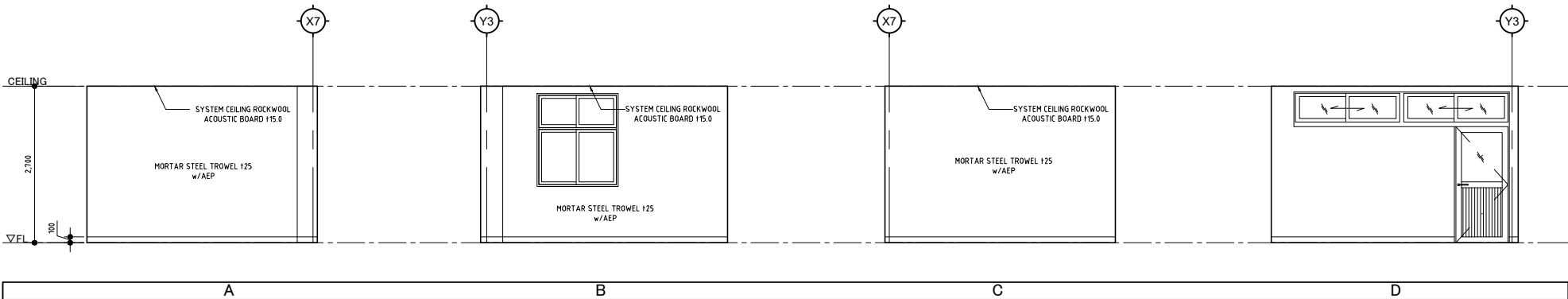
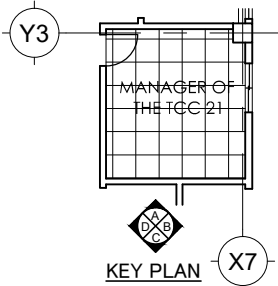
NO SPACE	19 DIRECTOR'S TOILET
FLOOR	MORTAR STEEL TROWEL PORCELAIN TILE
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL 125 w/AEP
MOLDING	
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD 115.0
REMARKS	COUNTER (MARBLE)



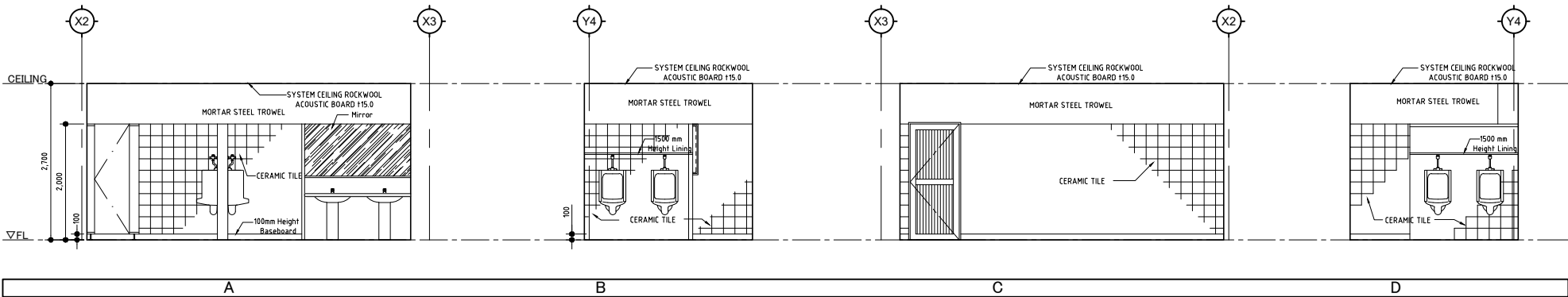
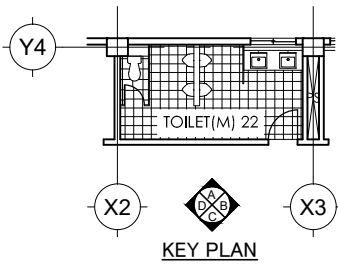
NO SPACE	20 SAFETY BOX ROOM
FLOOR	MORTAR STEEL TROWEL URETHANE FLOOR COAT A
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL t25 w/AEP
MOLDING	
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD t15.0
REMARKS	



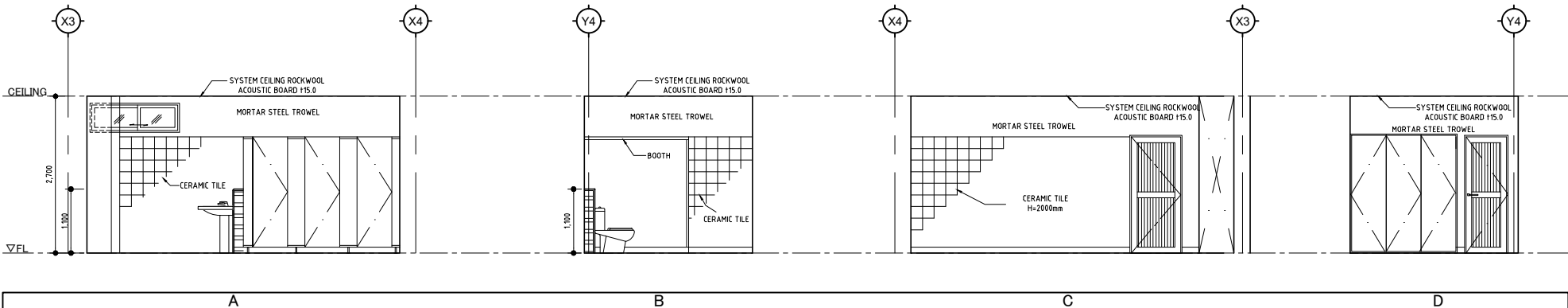
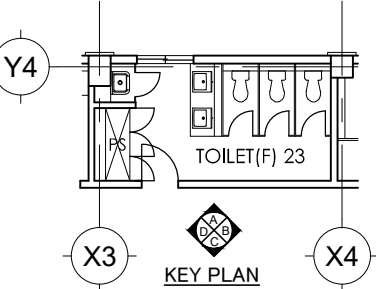
NO SPACE	21 MANAGER OF THE TCC
FLOOR	MORTAR STEEL TROWEL PORCELAIN TILE
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL t25 w/AEP
MOLDING	
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD t15.0
REMARKS	



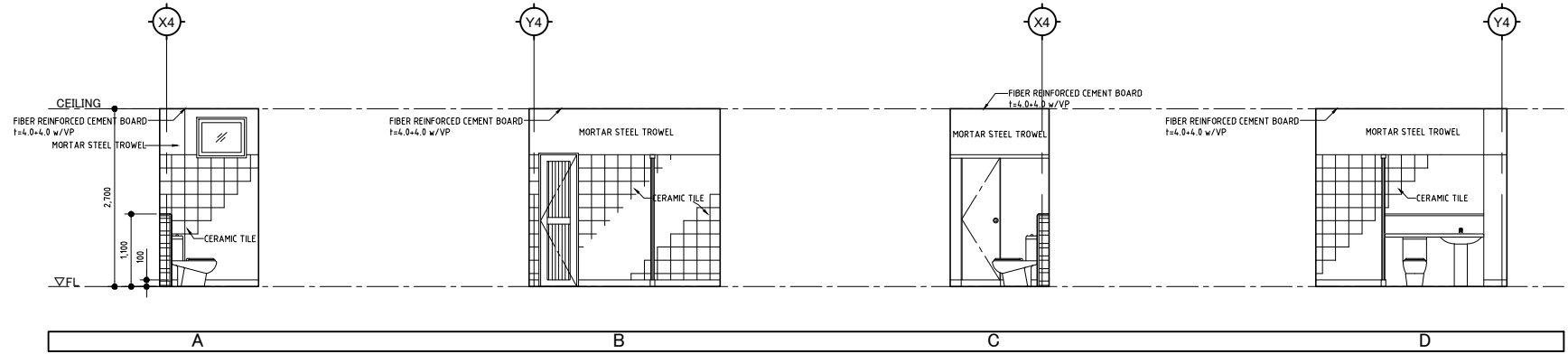
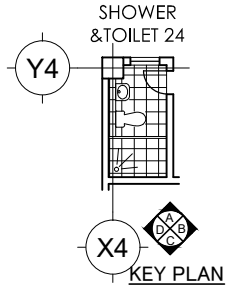
NO SPACE	22 TOILET (Male)
FLOOR	MORTAR STEEL TROWEL PORCELAIN TILE (NON SLIP)
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL t25 w/AEP CERAMIC TILE (H=2000)
MOLDING	
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD t15.0
REMARKS	BOOTH,LINING,MIRROR



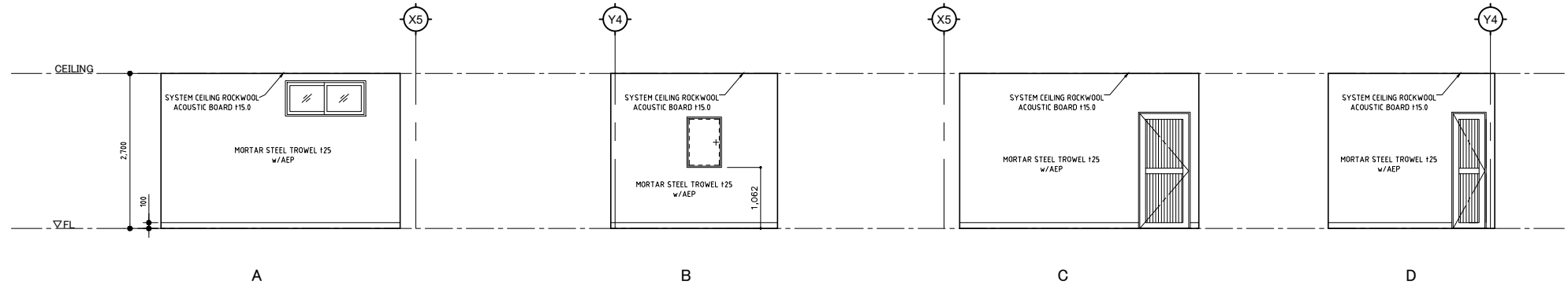
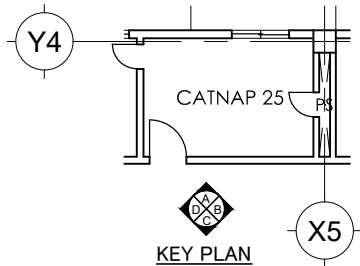
NO SPACE	23 TOILET (Female)
FLOOR	MORTAR STEEL TROWEL PORCELAIN TILE (NON SLIP)
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL t25 w/AEP CERAMIC TILE (H=2000)
MOLDING	
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD t15.0
REMARKS	BOOTH,LINING,MIRROR



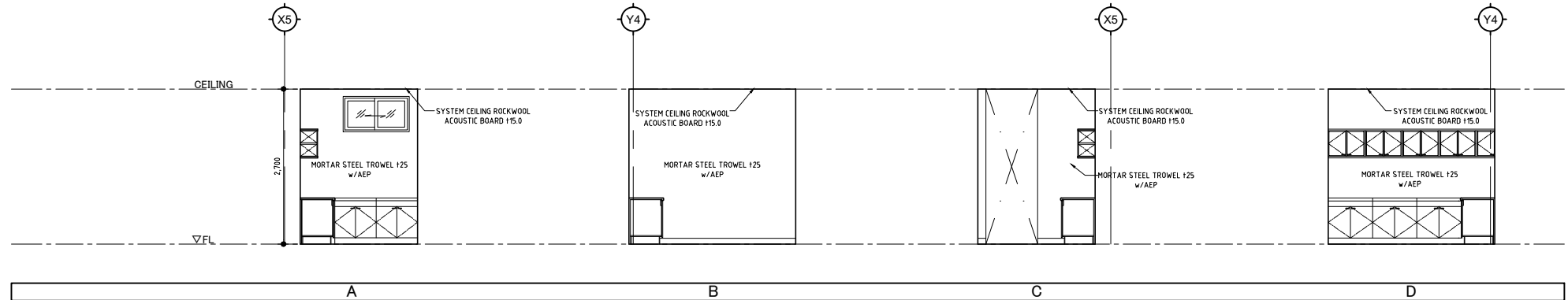
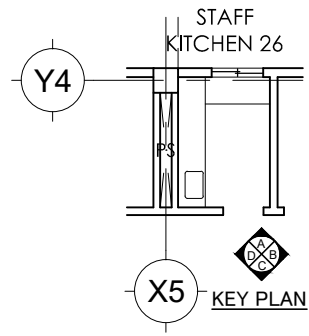
NO SPACE	24 SHOWER & TOILET IN CATNAP
FLOOR	MORTAR STEEL TROWEL PORCELAIN TILE (NON SLIP)
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL 125 w/AEP CERAMIC TILE (H=2000)
MOLDING	
CEILING	FIBER REINFORCED CEMENT BOARD t=4.0+4.0 w/VP
REMARKS	



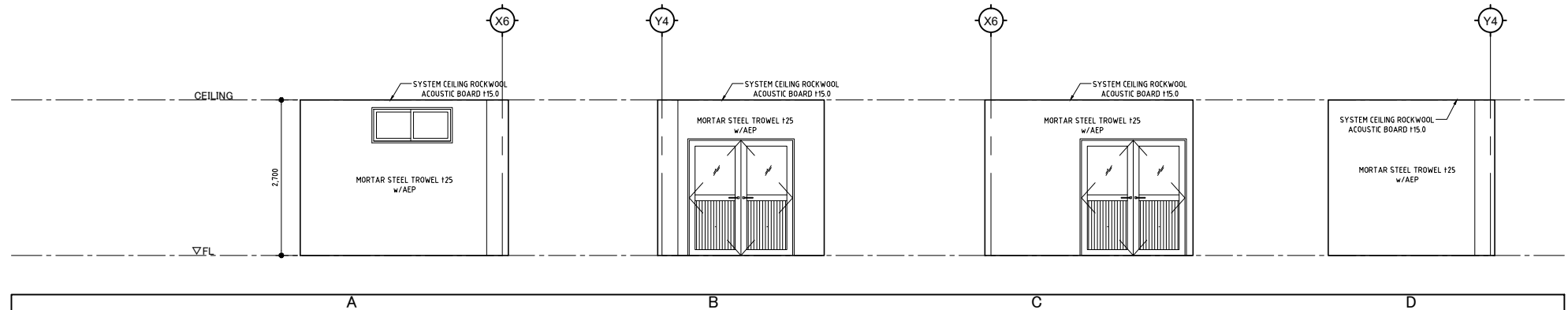
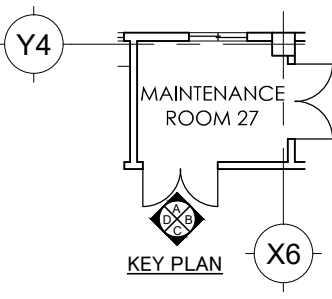
NO SPACE	25 CATNAP
FLOOR	MORTAR STEEL TROWEL URETHANE FLOOR COAT A
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL 125 w/AEP
MOLDING	
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD 115.0
REMARKS	



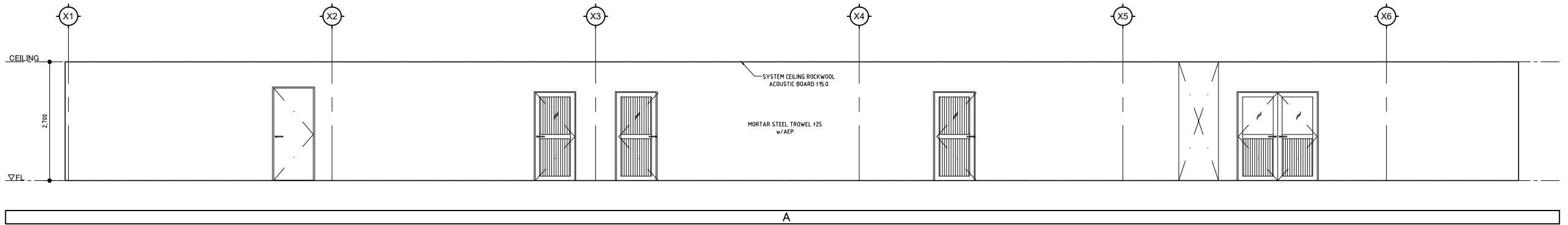
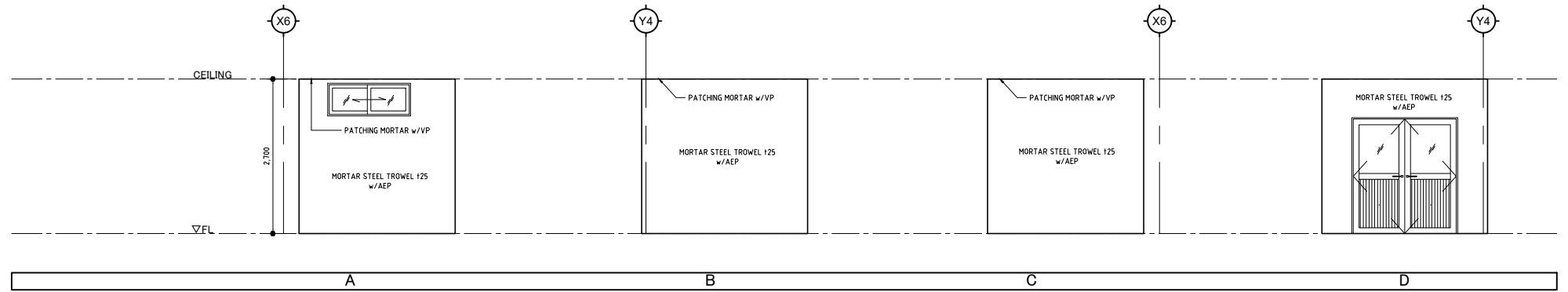
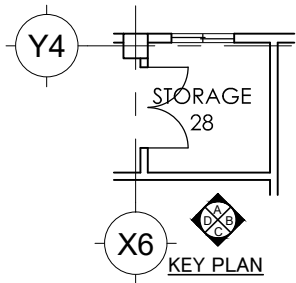
NO SPACE	26 STAFF KITCHEN
FLOOR	MORTAR STEEL TROWEL URETHANE FLOOR COAT A
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL 125 w/AEP
MOLDING	
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD 115.0
REMARKS	



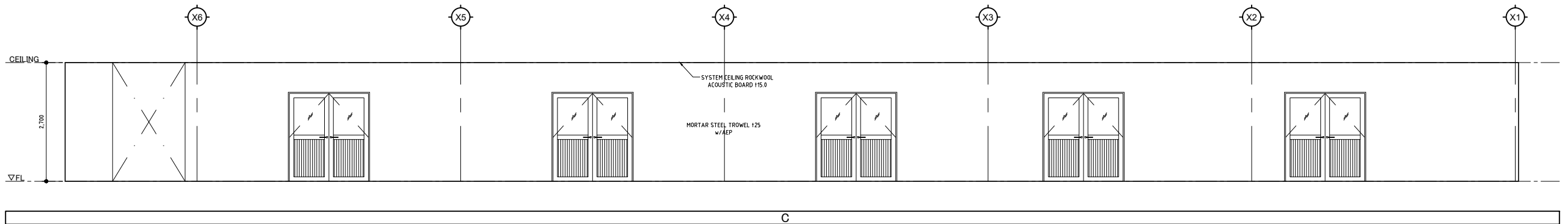
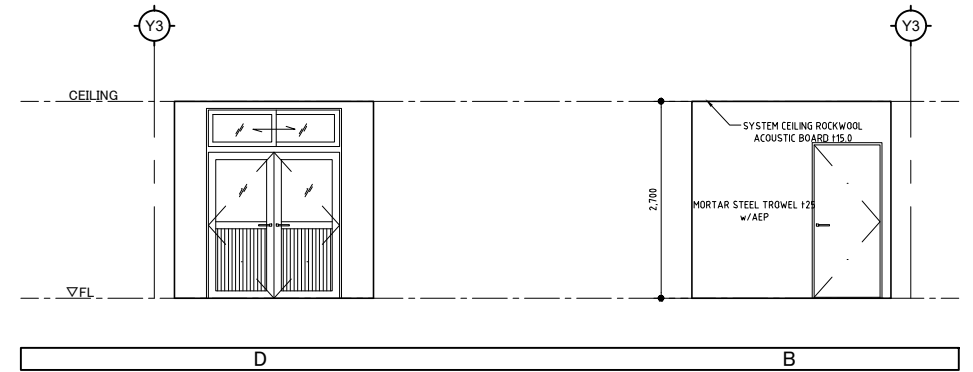
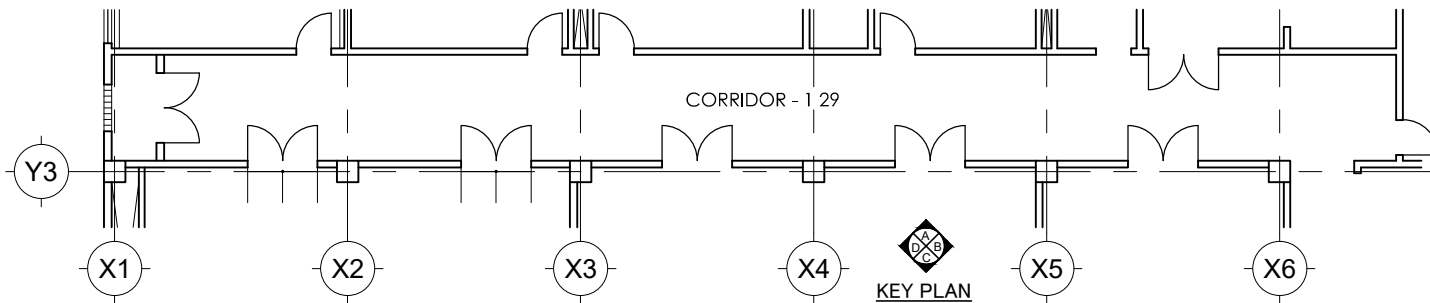
NO SPACE	27 MAINTENANCE ROOM
FLOOR	MORTAR STEEL TROWEL URETHANE FLOOR COAT A
BASEBOARD	
WALL	MORTAR STEEL TROWEL 125 w/AEP
MOLDING	
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD 115.0
REMARKS	



NO	28	STORAGE
FLOOR	MORTAR STEEL TROWEL URETHANE FLOOR COAT A	
BASEBOARD		
WALL	MORTAR STEEL TROWEL 125 w/AEP	
MOLDING		
CEILING	PATCHING MORTAR w/VP	
REMARKS		



NO	29	CORRIDOR-1
FLOOR	MORTAR STEEL TROWEL URETHANE FLOOR COAT A	
BASEBOARD		
WALL	MORTAR STEEL TROWEL 125 w/AEP	
MOLDING		
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD 115.0	
REMARKS		



Japan International Cooperation Agency
(JICA)



For a better City

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Twitter: @KCCAUIG



Design Engineer
Oriental Consultants Global Co., Ltd.



Eight-Japan Engineering Consultant Inc.

Project

Project for Improvement
of Traffic Control in Kampala City

TITLE:

INTERIOR ELEVATION-12

Scale:

1/100@A1
1/200@A3

DESIGNED BY:

DRAWN BY:

CHECKED BY:

APPROVED BY:

DATE:

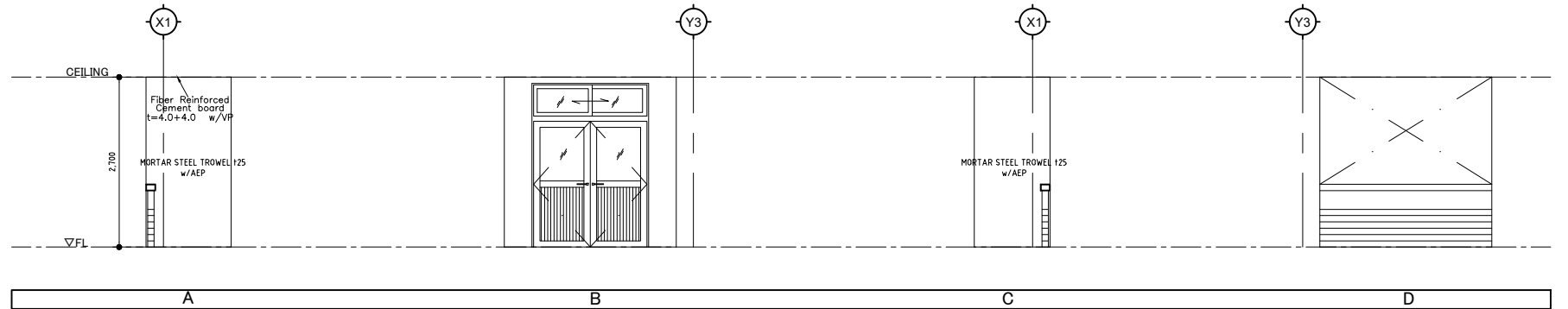
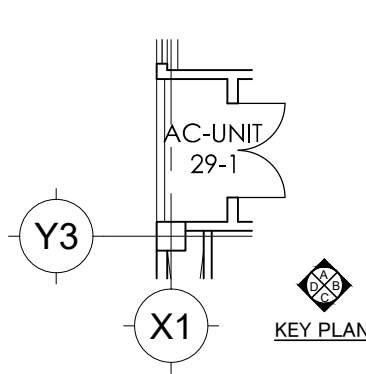
NOVEMBER, 2017

A-056

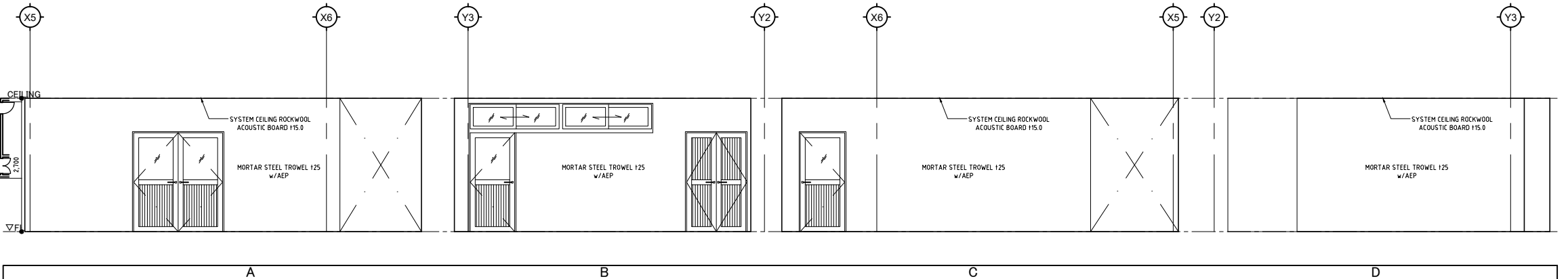
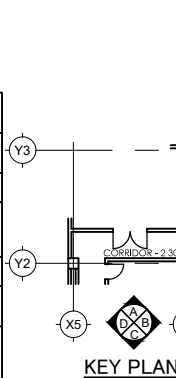
Drawing No:

SHEET No:

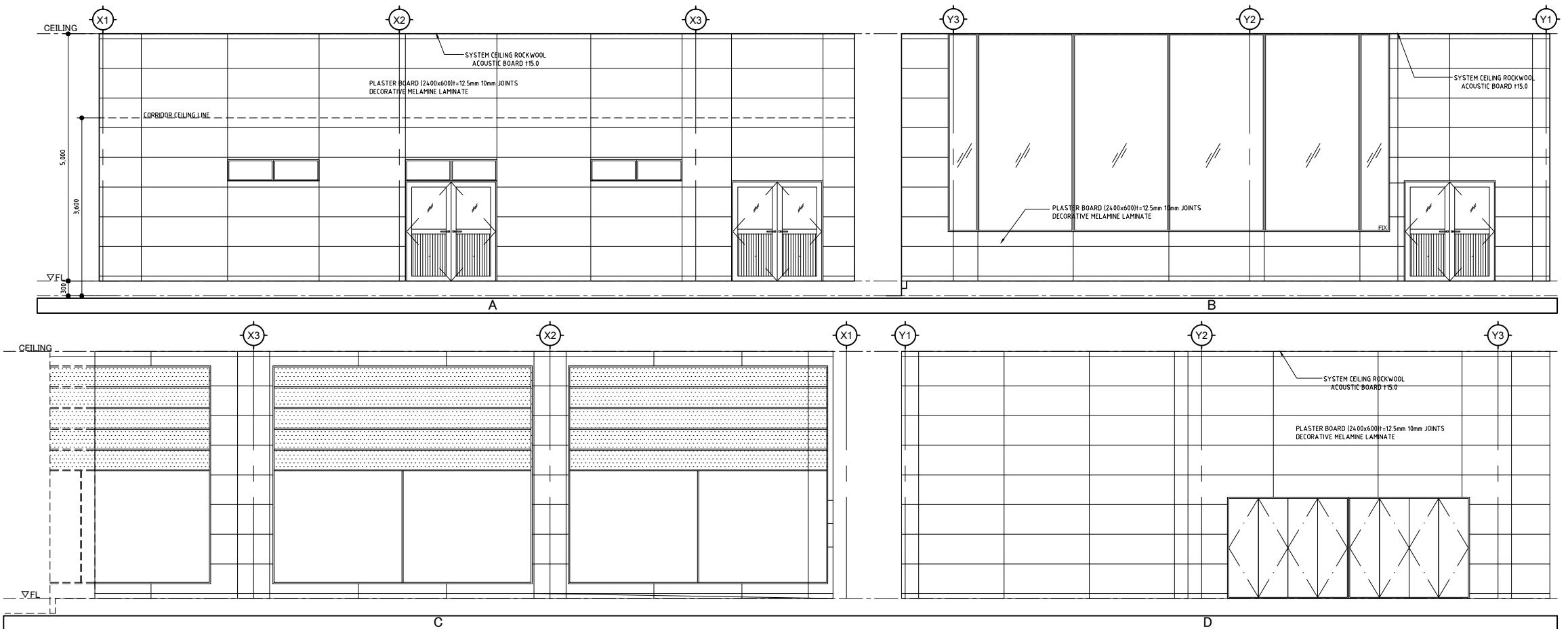
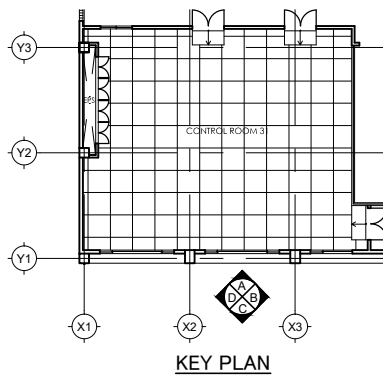
NO SPACE	29-1 AC-UNIT
FLOOR	MORTAR STEEL TROWEL URETHANE FLOOR COAT A
BASEBOARD	
WALL	MORTAR STEEL TROWEL 125 w/AEP
MOLDING	
CEILING	Fiber Reinforced Cement board t=4.0+4.0 w/VP
REMARKS	



NO SPACE	30 CORRIDOR-2
FLOOR	MORTAR STEEL TROWEL URETHANE FLOOR COAT A
BASEBOARD	
WALL	MORTAR STEEL TROWEL 125 w/AEP
MOLDING	
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD t15.0
REMARKS	



NO SPACE	31 CONTROL ROOM
FLOOR	MORTAR STEEL TROWEL t18 OA FLOOR H=300 (PORCELAIN TILE)
BASEBOARD	
WALL	PLASTER BOARD (2400x600) t=12.5mm JOINTS DECORATIVE MELAMINE LAMINATE
MOLDING	
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD t15.0
REMARKS	



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Design Engineer
Oriental Consultants Global Co., Ltd.



Eight-Japan Engineering Consultant Inc.

Project

Project for Improvement
of Traffic Control in Kampala City

TITLE:

INTERIOR ELEVATION-13

Scale:

1/100@A1
1/200@A3

DESIGNED BY:

DRAWN BY:

CHECKED BY:

APPROVED BY:

DATE:

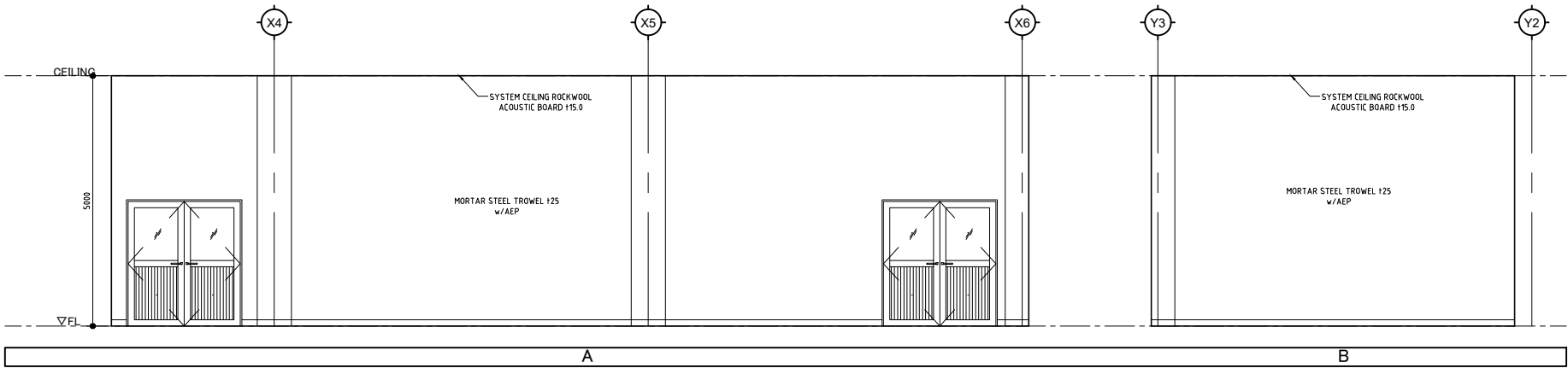
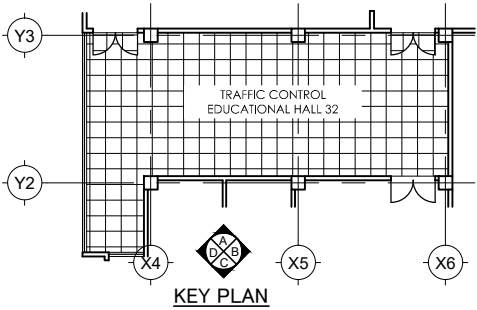
NOVEMBER, 2017

A-057

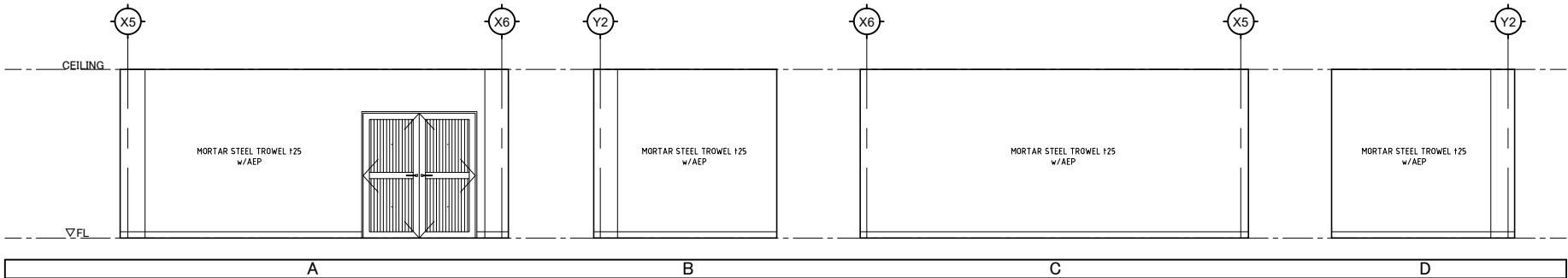
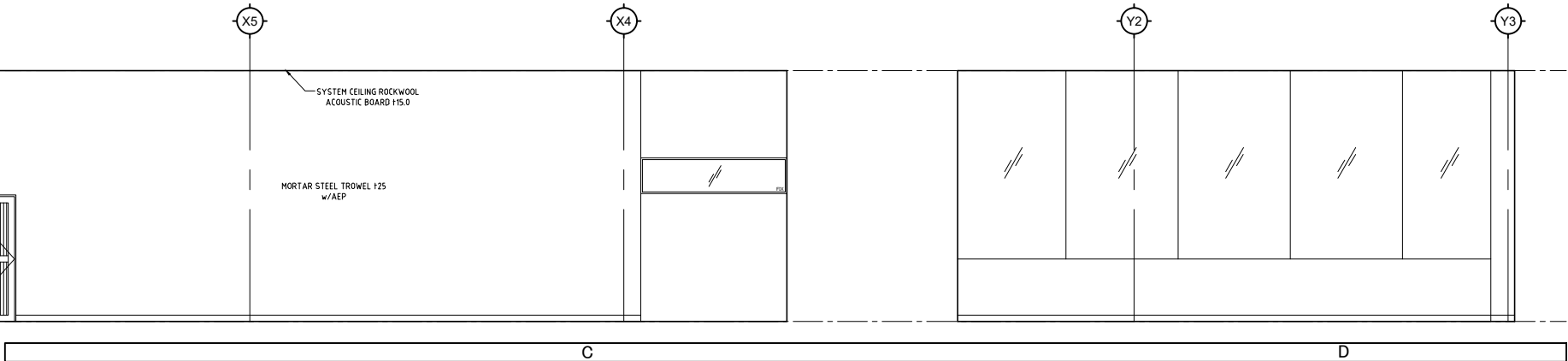
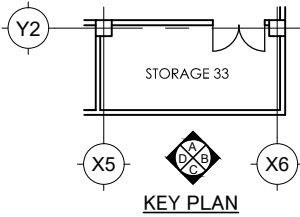
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SHEET No:

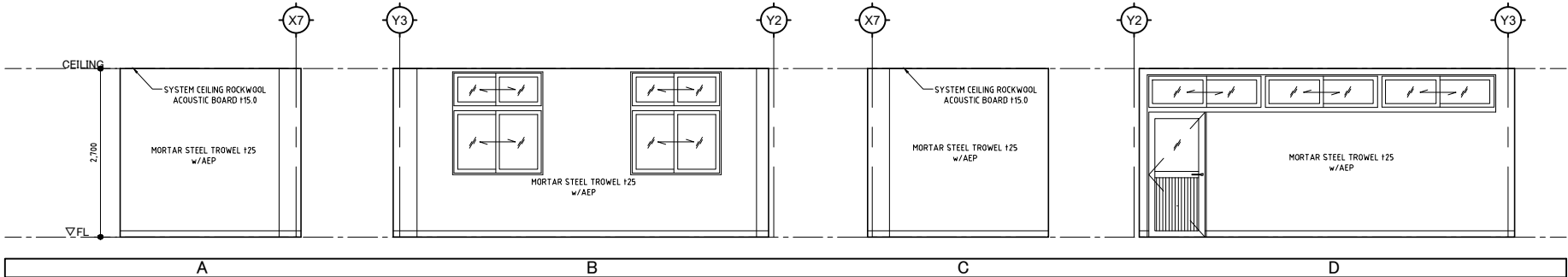
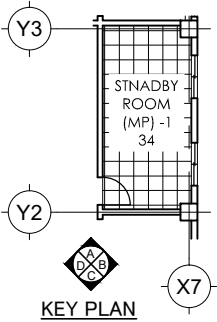
NO SPACE	32 TRAFFIC CONTROL EDUCATIONAL HALL
FLOOR	MORTAR STEEL TROWEL PORCELAIN TILE (NON SLIP)
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL 125 w/AEP
MOLDING	
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD 115.0
REMARKS	OFFICE FURNITURE



NO SPACE	33 STORAGE
FLOOR	MORTAR STEEL TROWEL URETHANE FLOOR COAT A
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL 125 w/AEP
MOLDING	
CEILING	
REMARKS	



NO SPACE	34 STANDBY ROOM (MP)-1
FLOOR	MORTAR STEEL TROWEL PORCELAIN TILE (NON SLIP)
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL 125 w/AEP
MOLDING	
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD 115.0
REMARKS	



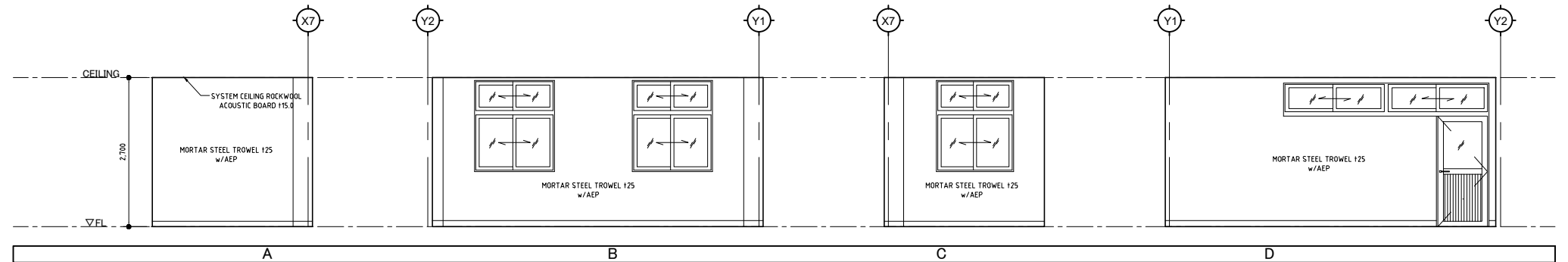
Y2

STNABBY ROOM (MP) -2 35

Y1

X7

KEY PLAN



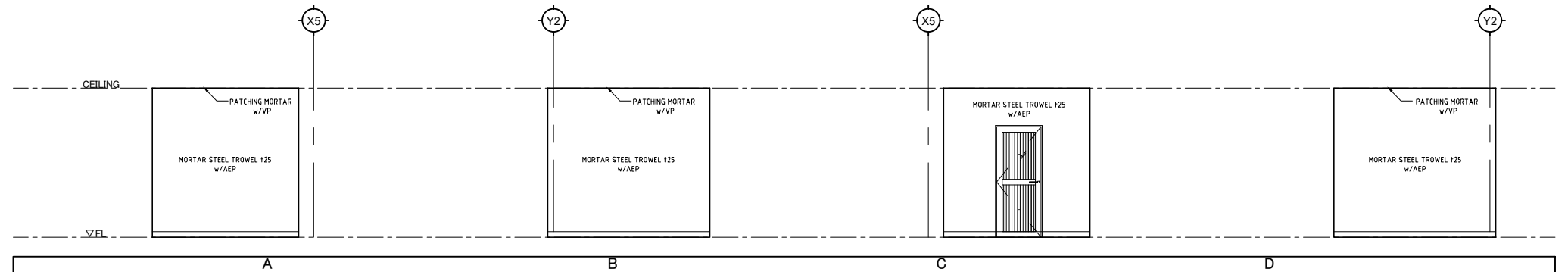
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LOCKER ROOM (F) 36

X5

A B C D

KEY PLAN



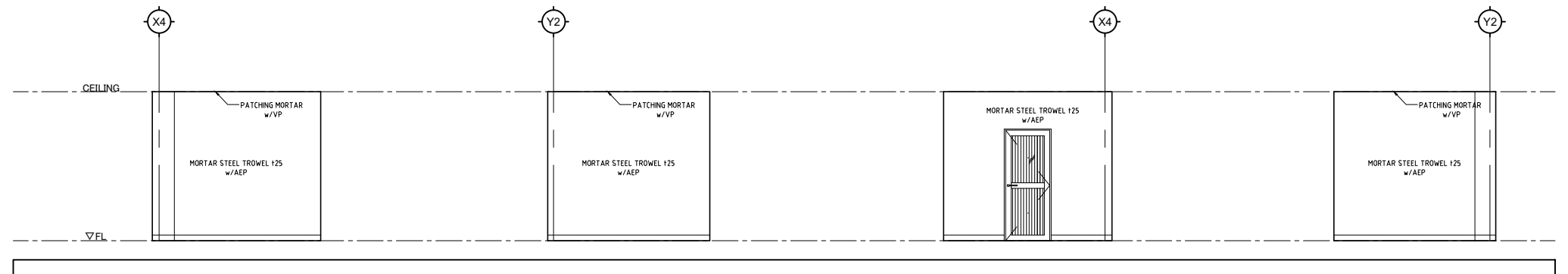
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LOCKER ROOM
(M) 37

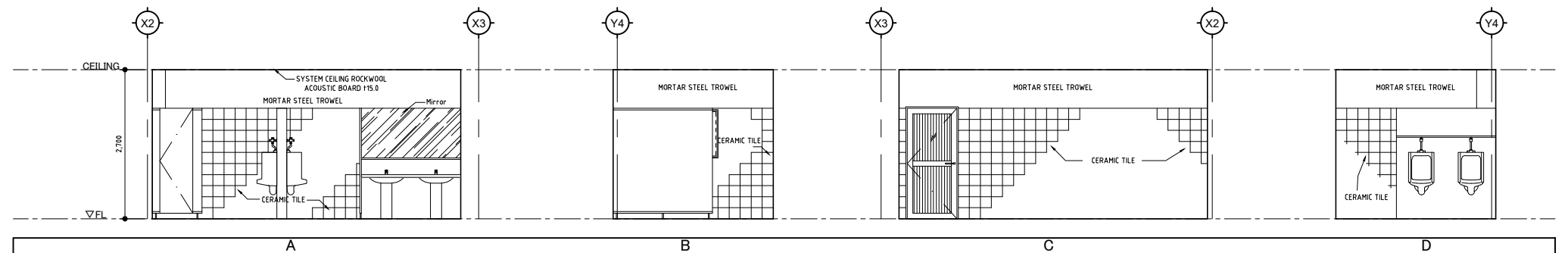
X4

A
B
C

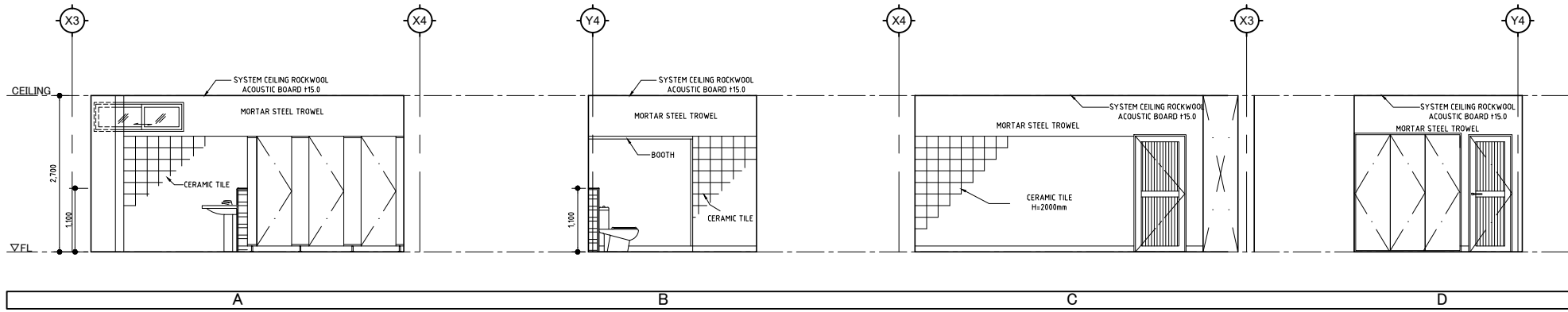
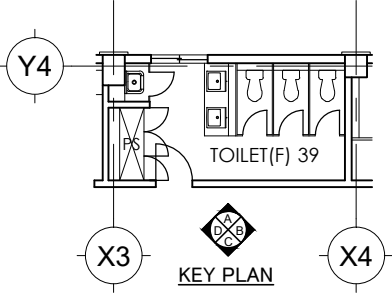
KEY PLAN



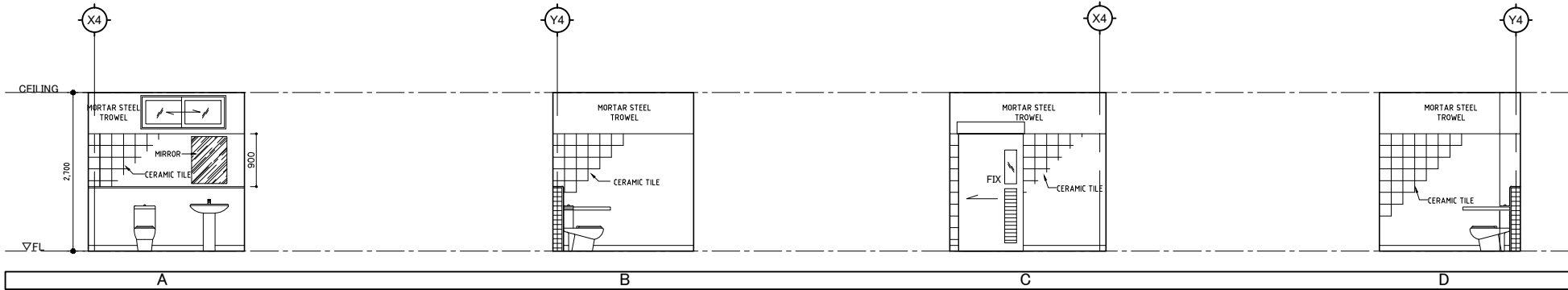
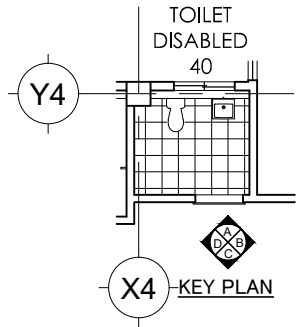
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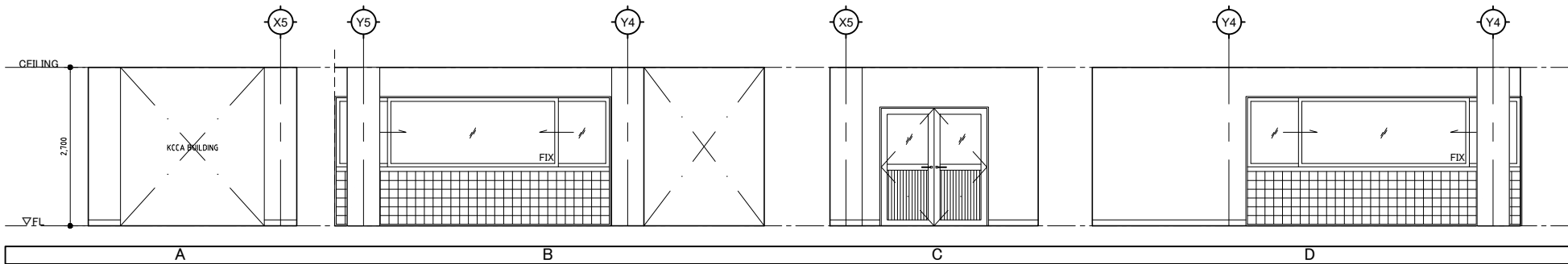
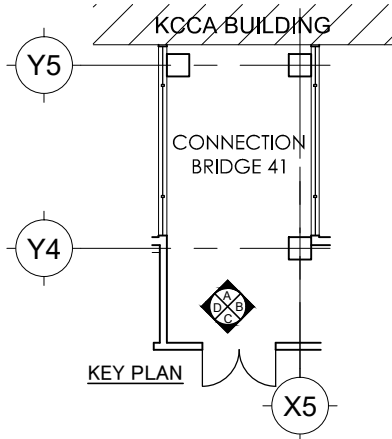
NO SPACE	39 TOILET (F)
FLOOR	MORTAR STEEL TROWEL PORCELAIN TILE (NON SLIP)
BASEBOARD	
WALL	MORTAR STEEL TROWEL CERAMIC TILE (H=2000)
MOLDING	
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD t15.0
REMARKS	BOOTH,LINING,MIRROR



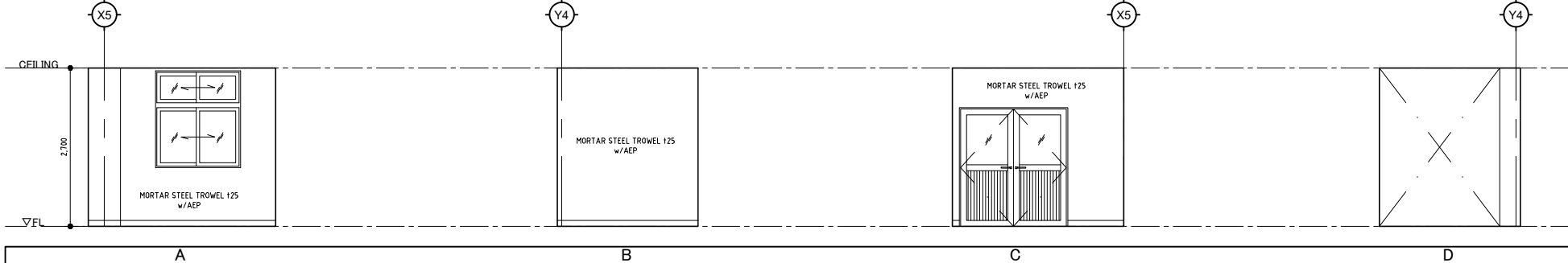
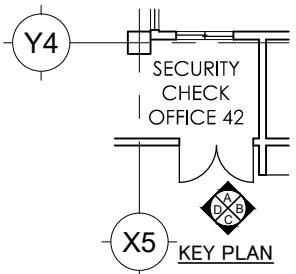
NO SPACE	40 TOILET FOR DISABLED
FLOOR	MORTAR STEEL TROWEL PORCELAIN TILE (NON SLIP)
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL CERAMIC TILE (H=2000)
MOLDING	
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD t15.0
REMARKS	BOOTH,LINING,MIRROR DISABLE PEOPLE SPECIFICATION



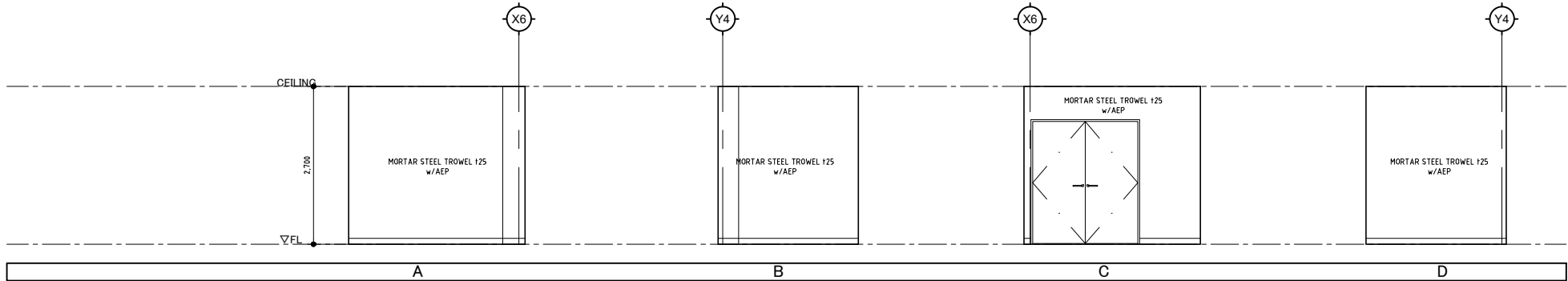
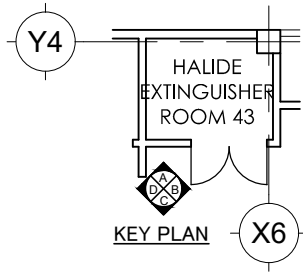
NO SPACE	41 CONNECTION BRIDGE
FLOOR	MORTAR STEEL TROWEL URETHANE FLOOR COAT A
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	GLASS BLOCK(PARAPET)
MOLDING	
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD t15.0
REMARKS	



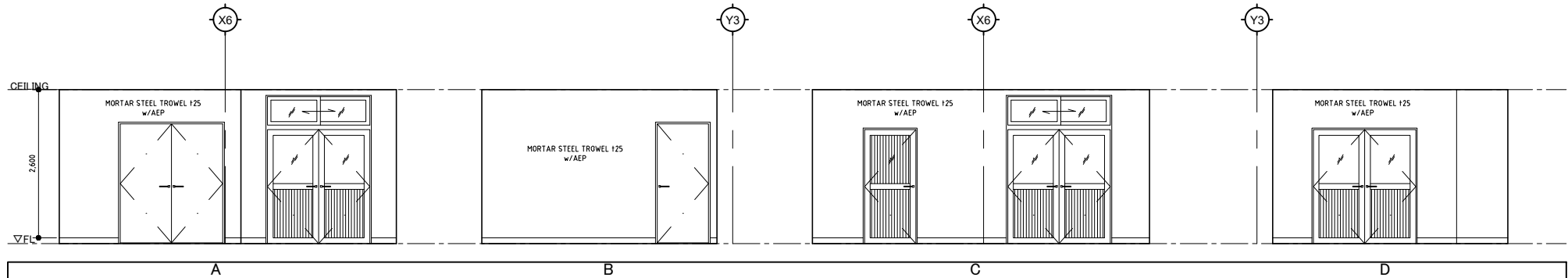
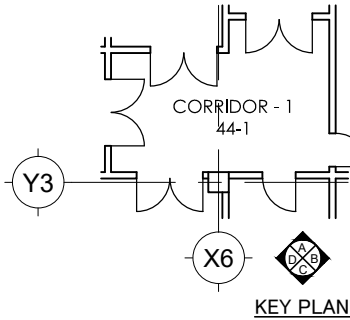
NO SPACE	42 SECURITY CHECK OFFICE
FLOOR	MORTAR STEEL TROWEL URETHANE FLOOR COAT A
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL t25 w/AEP
MOLDING	
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD t15.0
REMARKS	



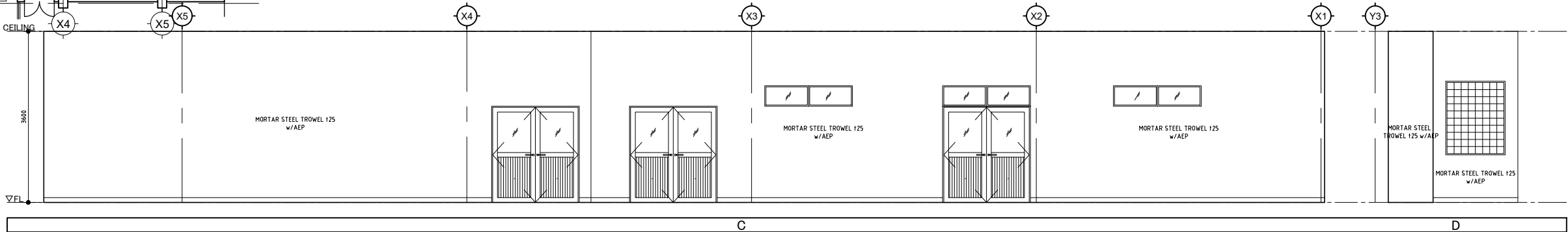
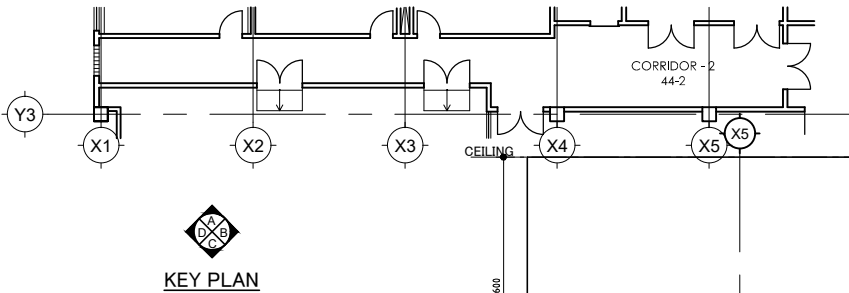
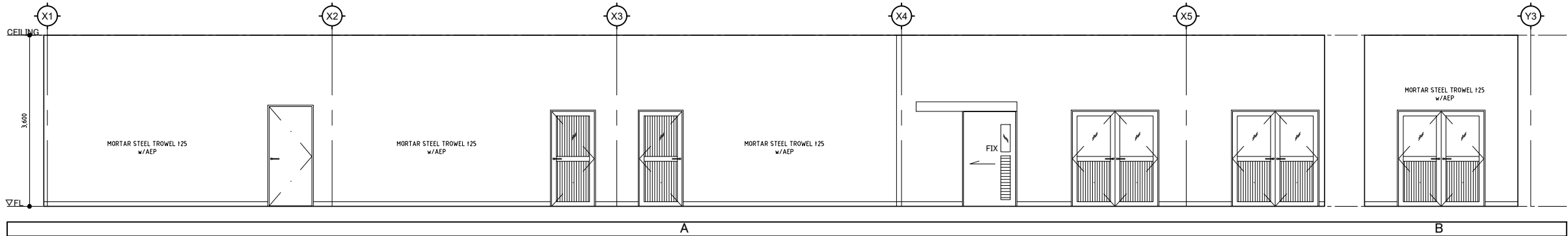
NO SPACE	43	HALIDE EXTINGUISHER ROOM
FLOOR	MORTAR STEEL TROWEL URETHANE FLOOR COAT A	
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT	
WALL	MORTAR STEEL TROWEL 125 w/AEP	
MOLDING		
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD t15.0	
REMARKS		



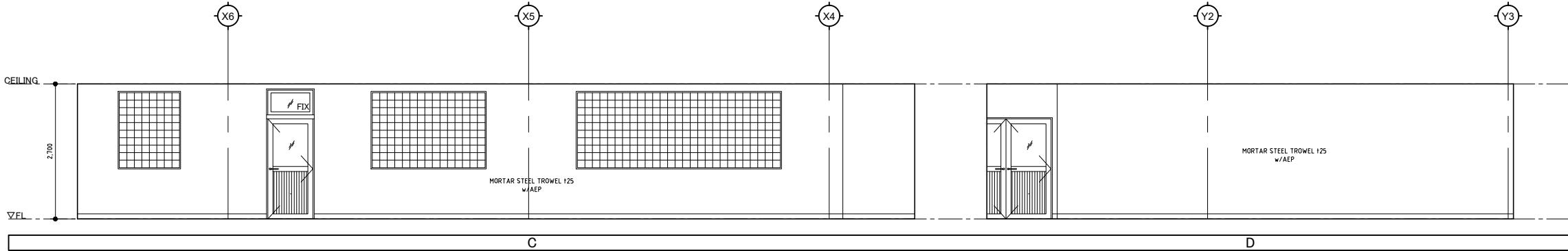
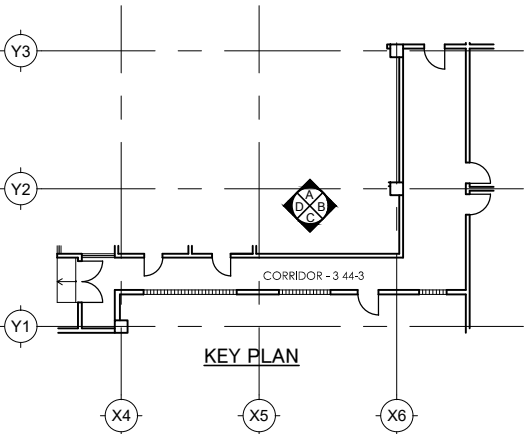
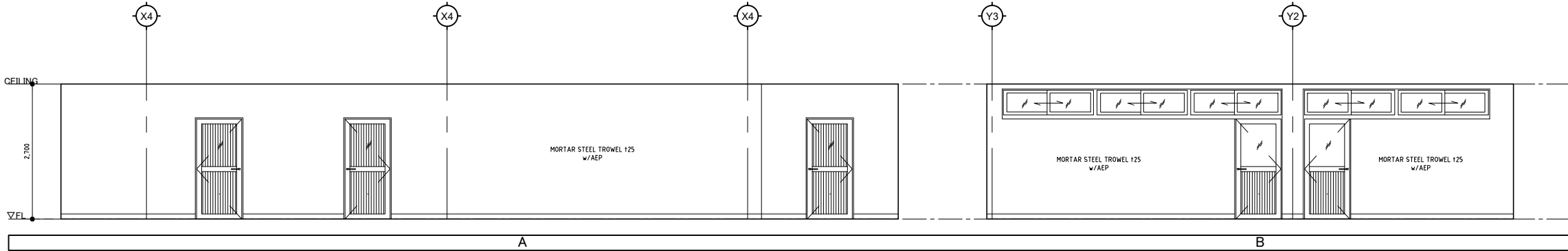
NO SPACE	44-1	CORRIDOR-1
FLOOR	MORTAR STEEL TROWEL URETHANE FLOOR COAT A	
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT	
WALL	MORTAR STEEL TROWEL 125 w/AEP	
MOLDING		
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD t15.0	
REMARKS		



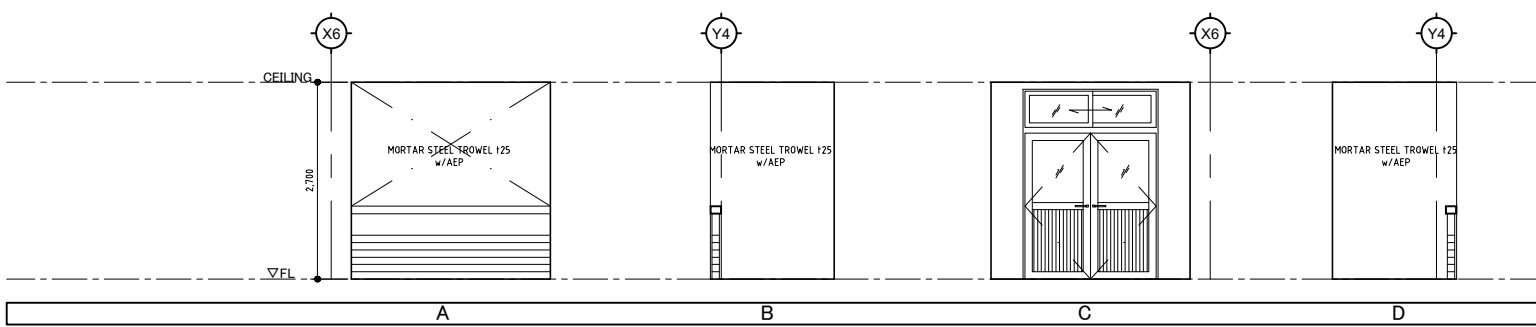
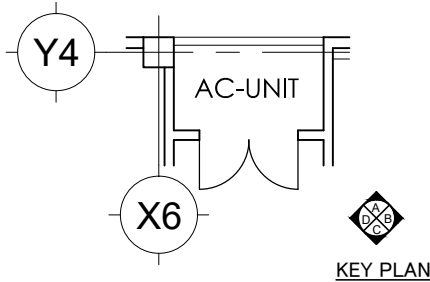
NO SPACE	44-2	CORRIDOR-2
FLOOR	MORTAR STEEL TROWEL URETHANE FLOOR COAT A	
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT	
WALL	MORTAR STEEL TROWEL 125 w/AEP	
MOLDING		
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD t15.0	
REMARKS		



NO SPACE	44-3 CORRIDOR-3
FLOOR	MORTAR STEEL TROWEL URETHANE FLOOR COAT A
BASEBOARD	MORTAR STEEL TROWEL URETHANE COAT
WALL	MORTAR STEEL TROWEL t25 w/AEP
MOLDING	
CEILING	SYSTEM CEILING ROCKWOOL ACOUSTIC BOARD t15.0
REMARKS	



NO SPACE	44-4 AC UNIT
FLOOR	MORTAR STEEL TROWEL URETHANE FLOOR COAT A
BASEBOARD	
WALL	MORTAR STEEL TROWEL t25 w/AEP
MOLDING	
CEILING	FIBER REINFORCED CEMENT BOARD t=4.0+4.0 w/VP
REMARKS	





MEZZANINE BASEMENT FLOOR CEILING PLAN

LEGEND

NO.		MATERIAL / FINISH
(a)		SYSTEM CEILING: ROCKWOOL ACOUSTIC BOARD t15
(b)		FIBER REINFORCED CEMENT BOARD t=4.0 W/VP
(c)		PATCHING MORTAR



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Design Engineer
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Eight-Japan Engineering Consultant Inc.

Project

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of Traffic Control in Kampala City

TITLE:

MEZZANINE BASEMENT
FLOOR
CEILING PLAN

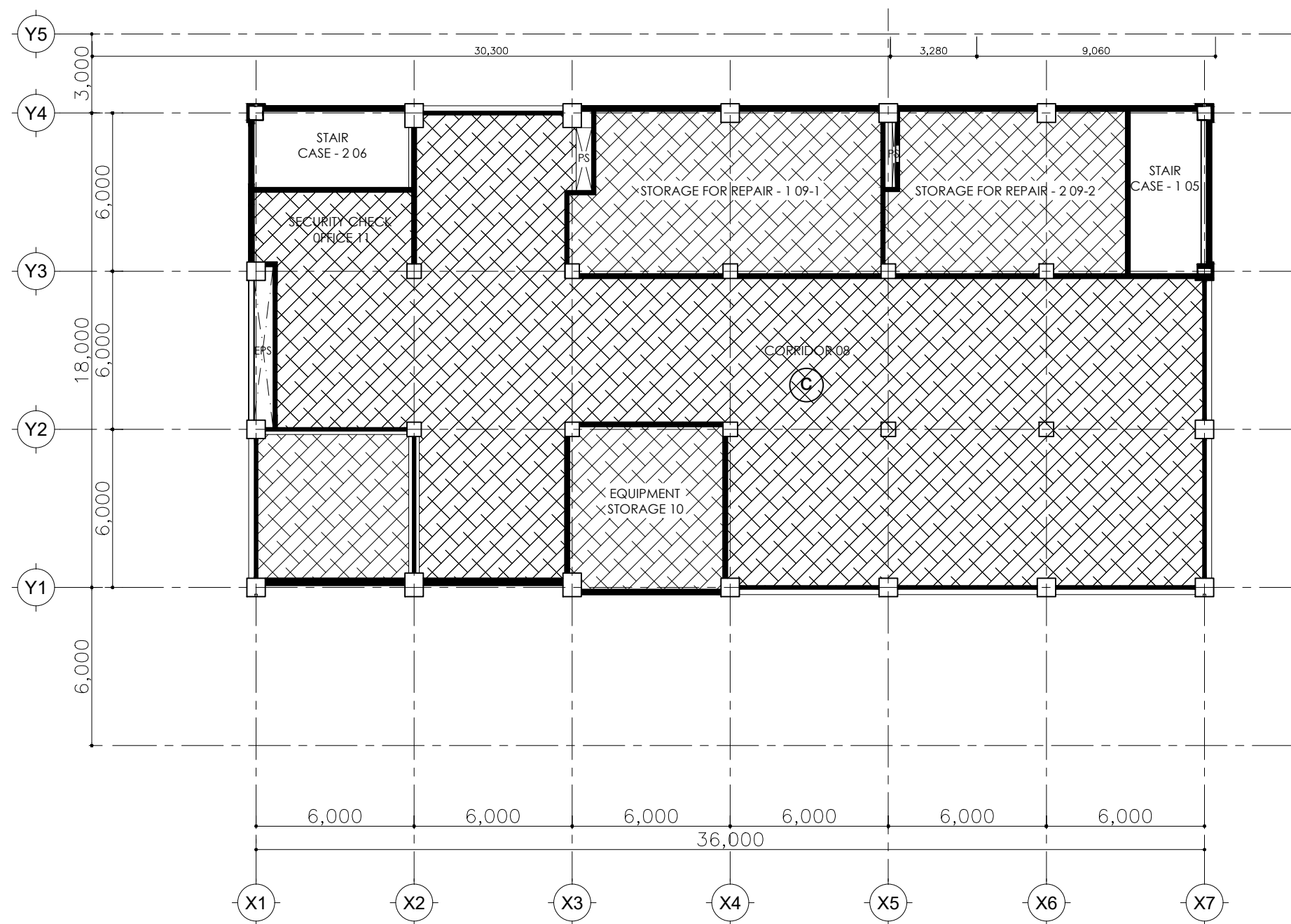
Scale:

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1/200@A3

DESIGNED BY:			
DRAWN BY:			
CHECKED BY:			
APPROVED BY:			
DATE:	AUGUST, 2018		

A-063

Drawing No:
SHEET No:



MEZZANINE GROUND FLOOR CEILING PLAN

LEGEND

NO.		MATERIAL / FINISH
(a)		SYSTEM CEILING: ROCKWOOL ACOUSTIC BOARD t15
(b)		FIBER REINFORCED CEMENT BOARD t=4.0 W/VP
(c)		PATCHING MORTAR



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Project

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of Traffic Control in Kampala City

TITLE:

MEZZANINE GROUND
FLOOR
CEILING PLAN

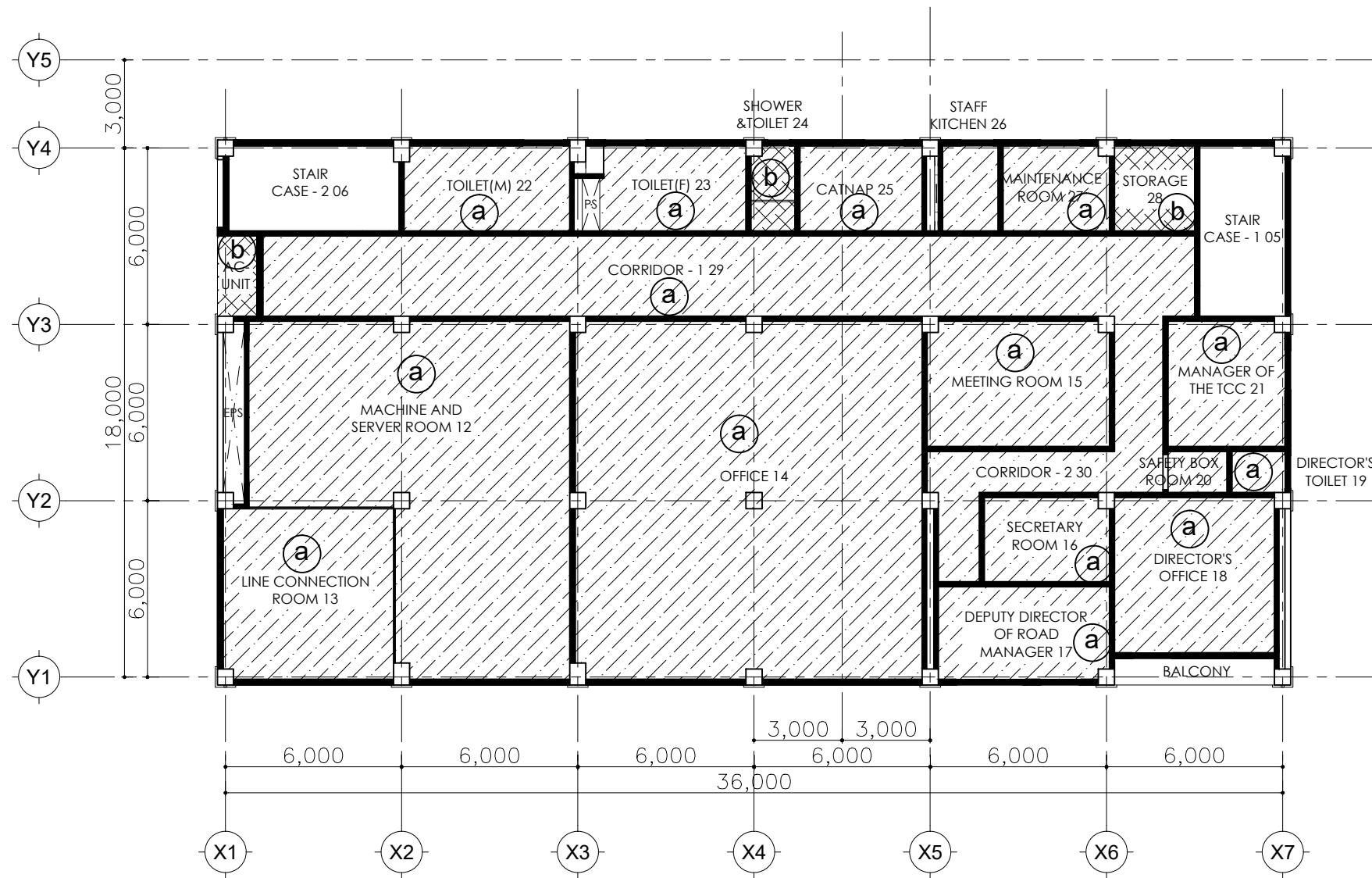
Scale:

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DESIGNED BY:			
DRAWN BY:			
CHECKED BY:			
APPROVED BY:			
DATE:	AUGUST, 2018		

A-064

Drawing No:
SHEET No:



1ST FLOOR CEILING PLAN

LEGEND

NO.		MATERIAL / FINISH
(a)		SYSTEM CEILING: ROCKWOOL ACOUSTIC BOARD t15
(b)		FIBER REINFORCED CEMENT BOARD t=4.0 W/VP
(c)		PATCHING MORTAR



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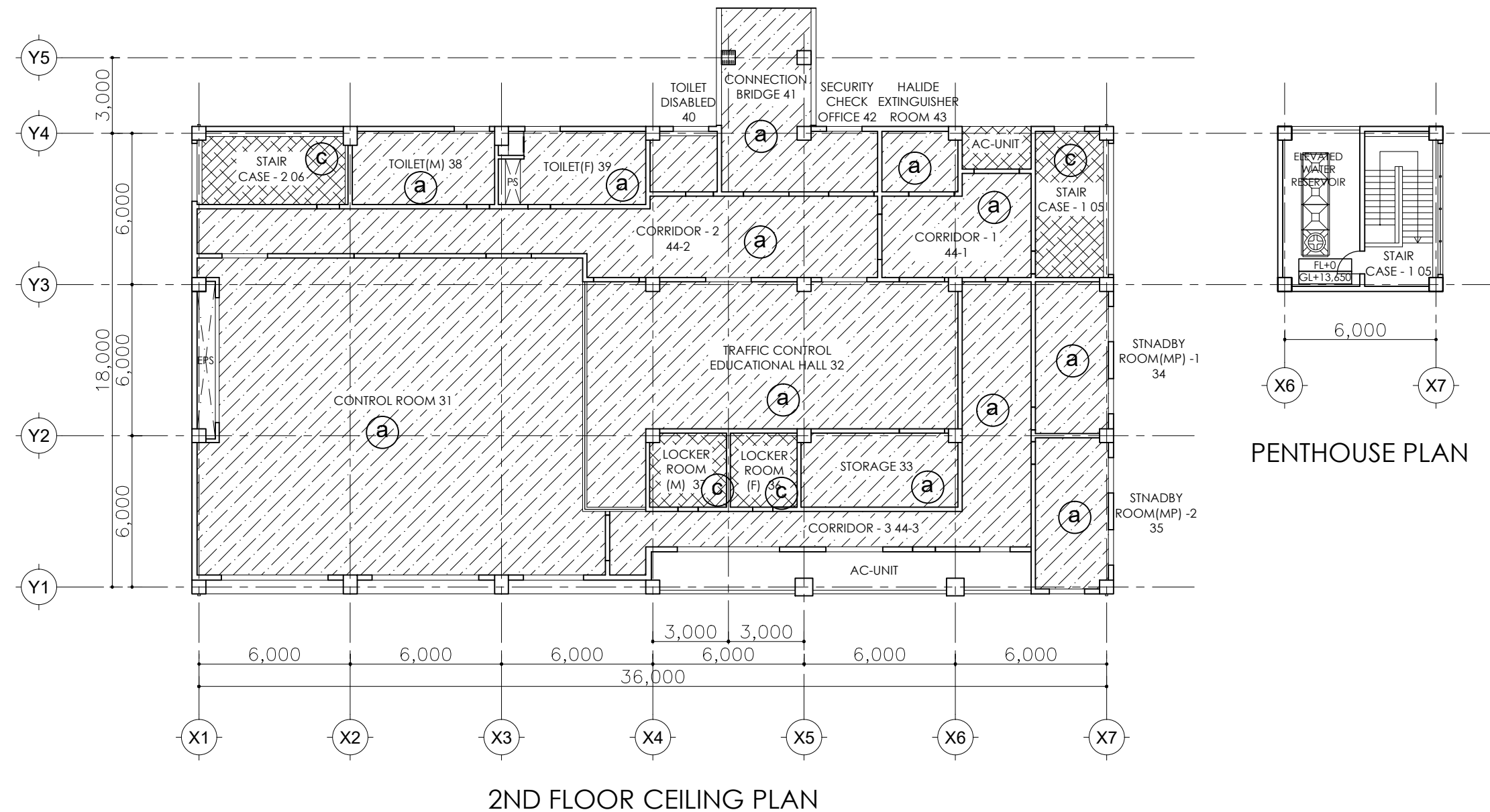
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1ST FLOOR CEILING PLAN

Scale:
1/100@A1
1/200@A3

DESIGNED BY:			
DRAWN BY:			
CHECKED BY:			
APPROVED BY:			
DATE:	AUGUST, 2018		

A-065

Drawing No:
SHEET No:



LEGEND

NO.		MATERIAL / FINISH
(a)		SYSTEM CEILING: ROCKWOOL ACOUSTIC BOARD t15
(b)		FIBER REINFORCED CEMENT BOARD t=4.0 W/VP
(c)		PATCHING MORTAR



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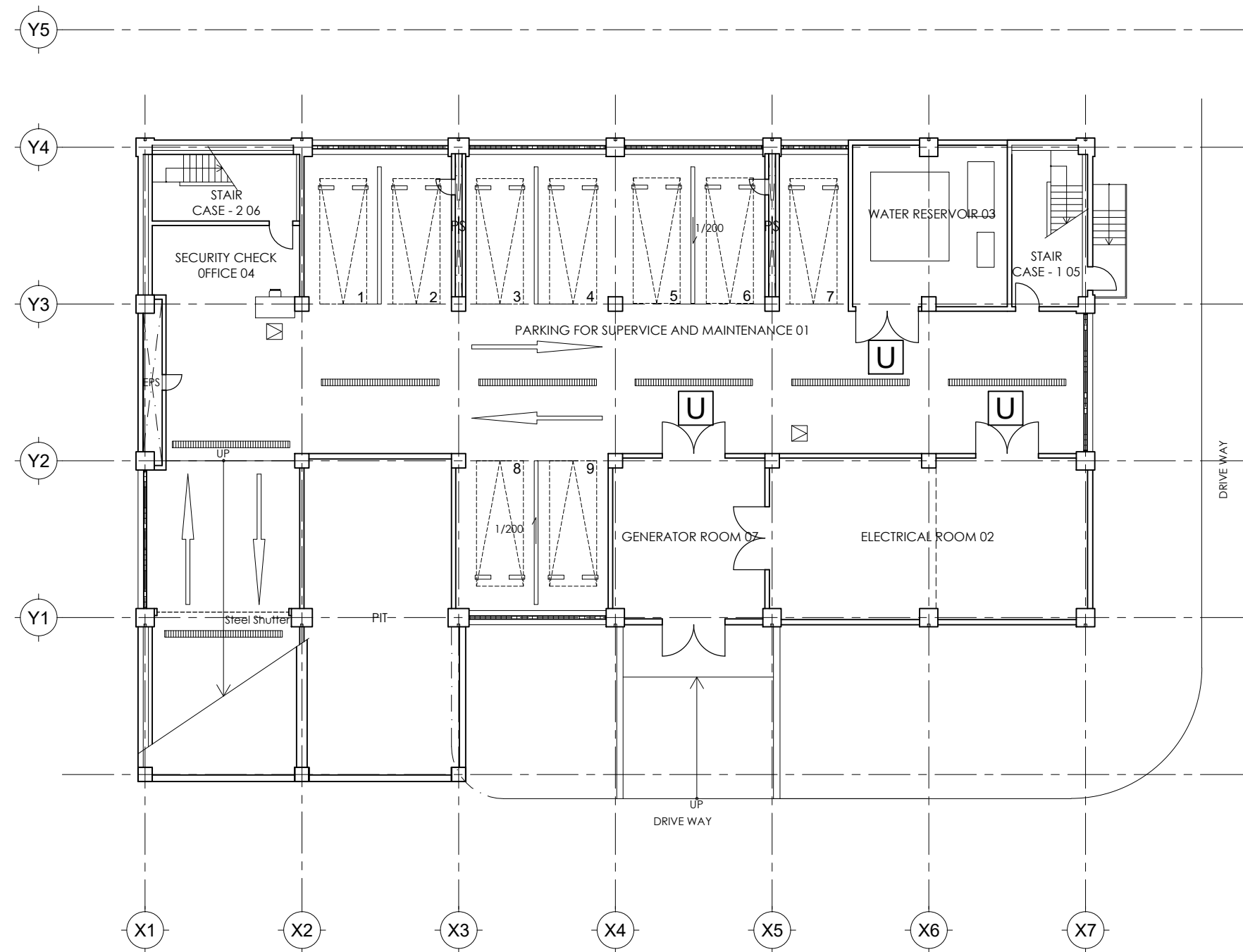
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Scale:
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DESIGNED BY:			
DRAWN BY:			
CHECKED BY:			
APPROVED BY:			
DATE:	AUGUST, 2018		

A-066

Drawing No:
SHEET No:



KEY PLAN FOR SIGN-1



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TITLE:

KEY PLAN FOR SIGN-1

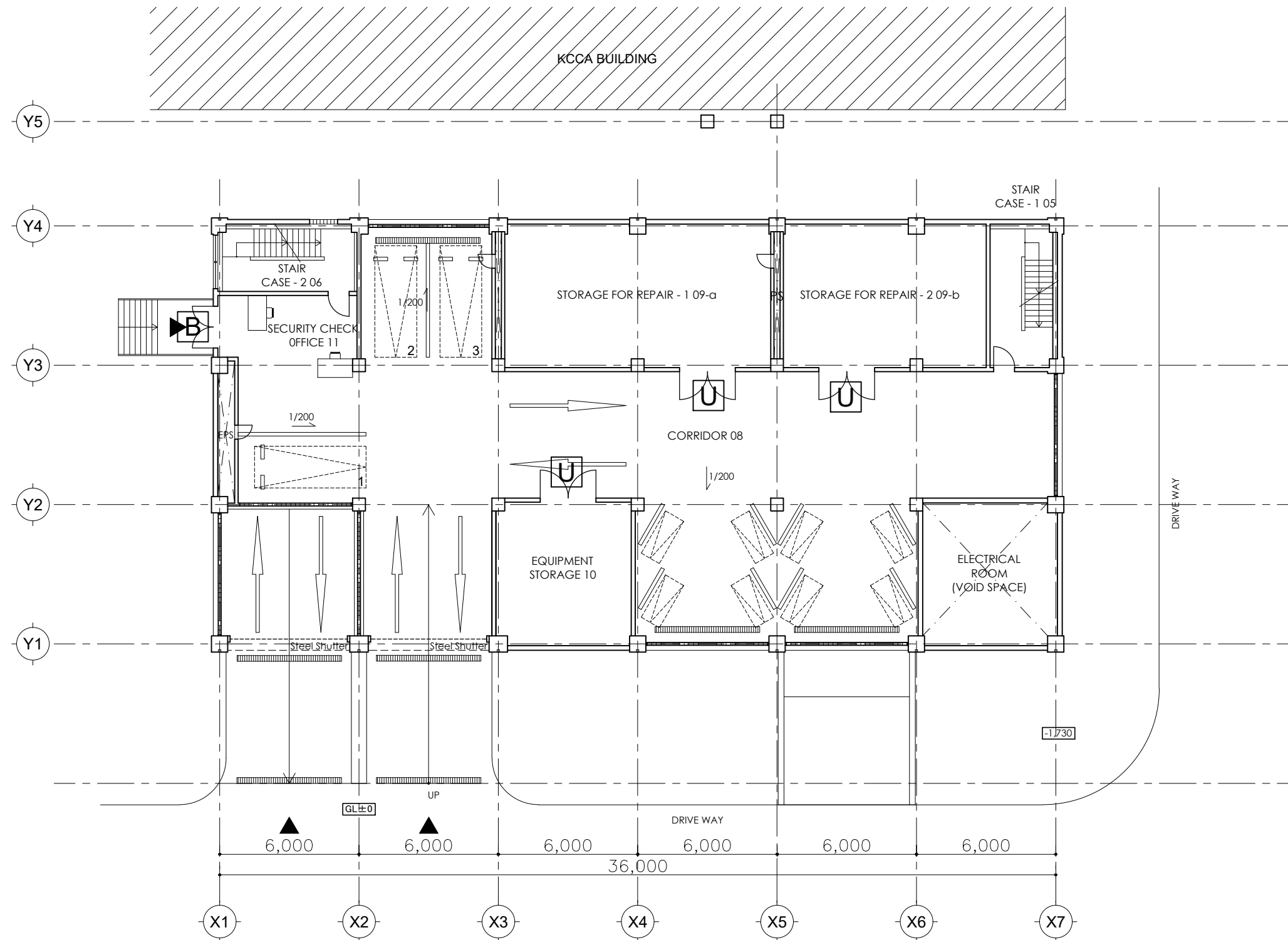
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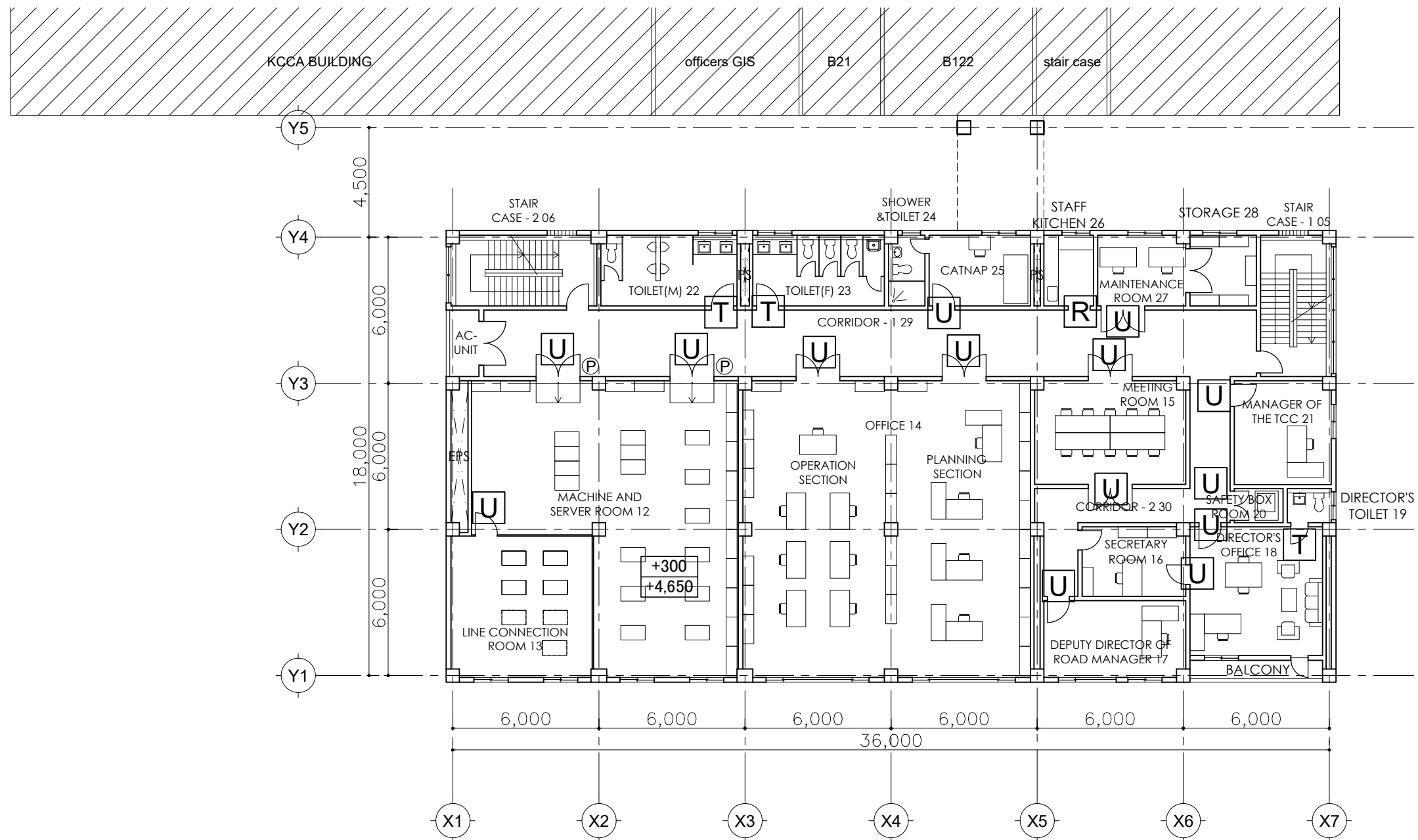
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CHECKED BY:			
APPROVED BY:			
DATE:	NOVEMBER, 2017		

A-067

Drawing No:
SHEET No:



KEY PLAN FOR SIGN-2



KEY PLAN FOR SIGN-3



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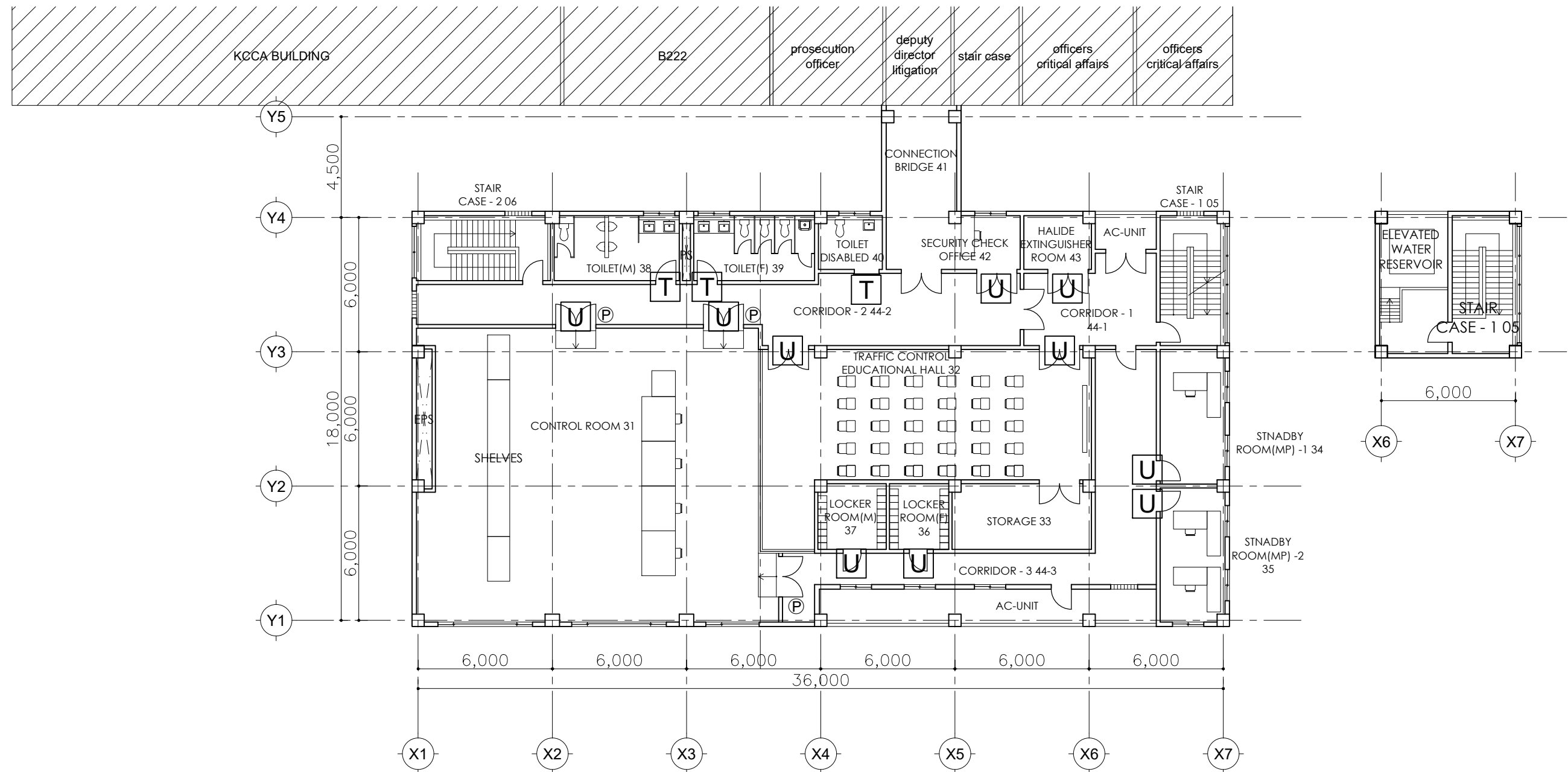
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KEY PLAN FOR SIGN-3

Scale:

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1/200@A3

DESIGNED BY:				A-069 Drawing No: SHEET No:
DRAWN BY:				
CHECKED BY:				
APPROVED BY:				
DATE:				
NOVEMBER, 2017				



KEY PLAN FOR SIGN-4



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Project

Project for Improvement
of Traffic Control in Kampala City

TITLE:

KEY PLAN FOR SIGN-4

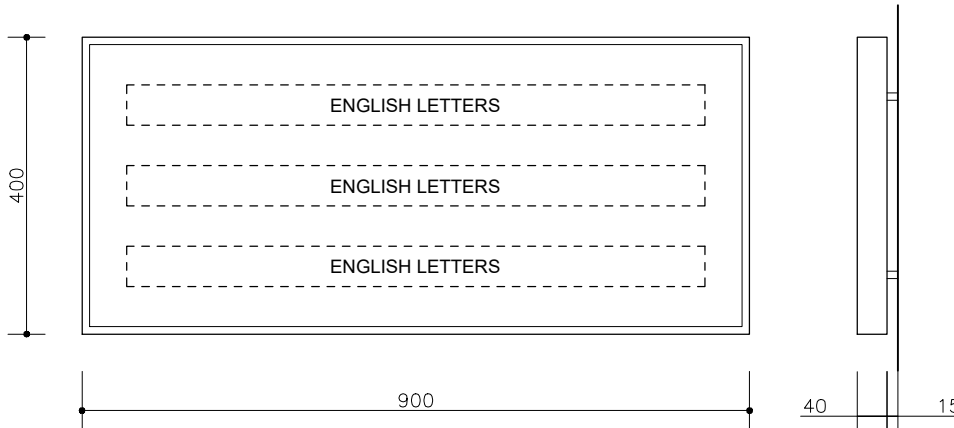
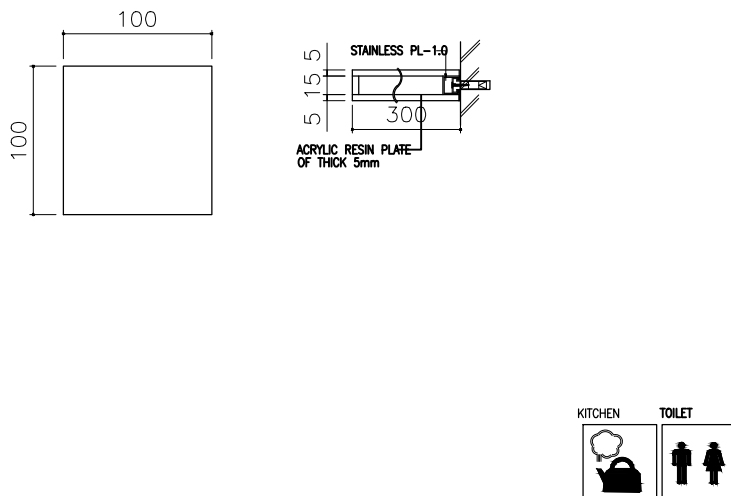
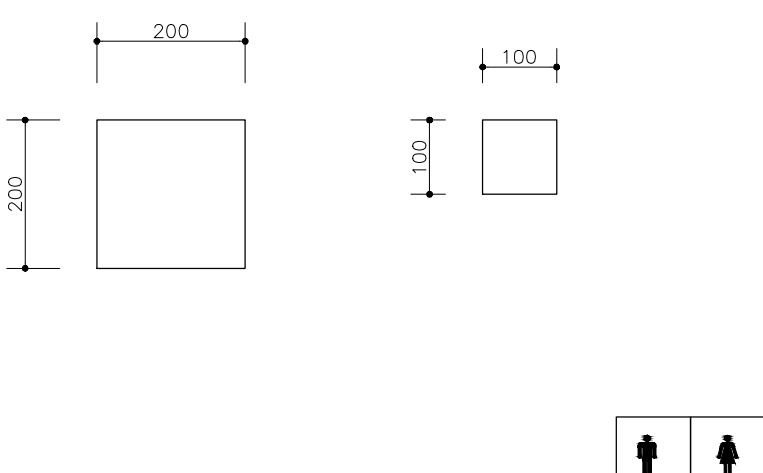
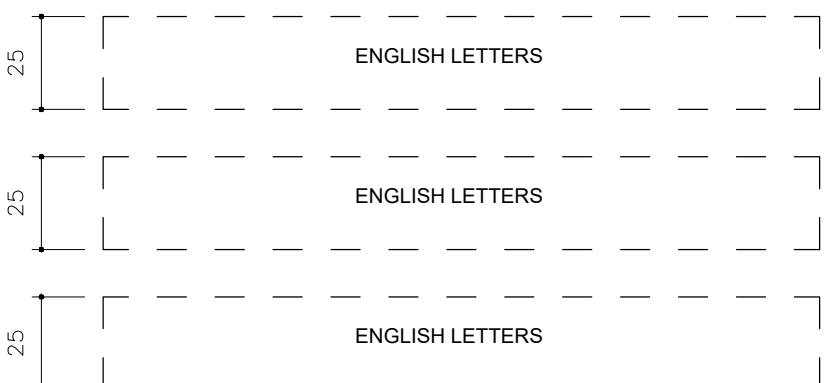
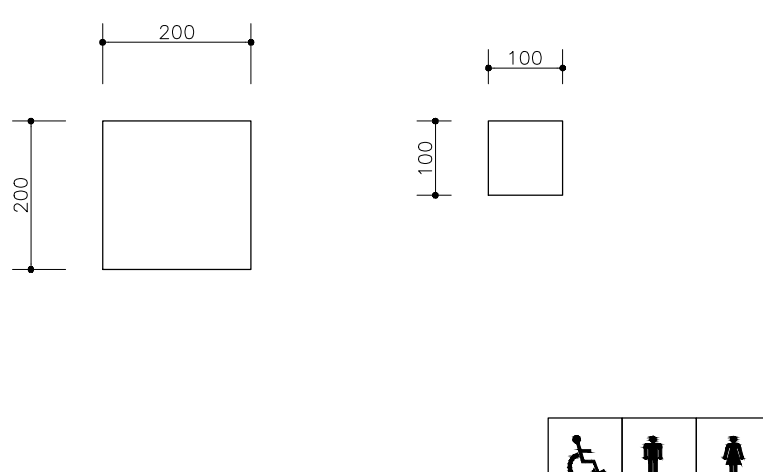
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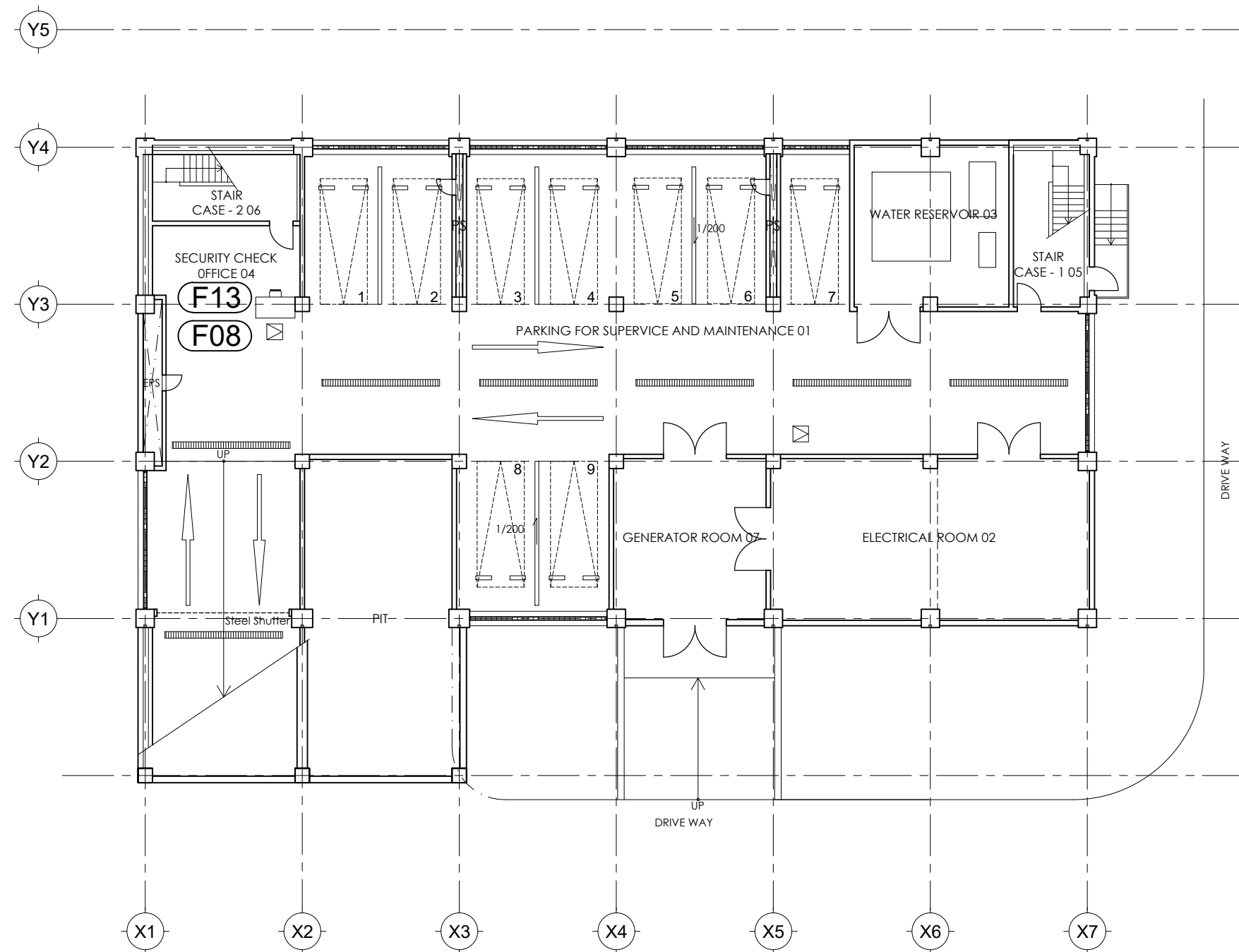
1/100@A1
1/200@A3

DESIGNED BY:			
DRAWN BY:			
CHECKED BY:			
APPROVED BY:			
DATE:	NOVEMBER, 2017		

A-070

Drawing No:
SHEET No:

B	FRONT SIGN (BUILDING NAME)	1/10	R	ROOM NAME/PICTOGRAPH-1	1/5	T	ROOM NAME/PICTOGRAPH-2	1/10																											
SUS PLATE No.1 SUS CUTTING LETTERS No.4 QTY:2 			PLASTIC PLATE t5.0 CUTTING SHEET QTY:1 			PLATE TYPE SMALL PLASTIC PLATE t5 CUTTING SHEET QTY:6 																													
U	ROOM NAME	1/2	T-1	ROOM NAME/PICTOGRAPH-3	1/10																														
CUTTING SHEET QTY:29 			PLATE TYPE SMALL PLASTIC PLATE t5 CUTTING SHEET 																																
 Japan International Cooperation Agency (JICA)		 <i>For a better City</i> KAMPALA CAPITAL CITY AUTHORITY P.O BOX 7010 KAMPALA, UGANDA Plot 1-3 Apollo Kaggwa Road Tel: +256 204660000, +256 414231446 Email: info@kcca.go.ug Web: www.kcca.go.ug FB: facebook.com/kccaug Twitter: @KCCAUG		 Design Engineer Oriental Consultants Global Co., Ltd.  Eight-Japan Engineering Consultant Inc.		Project Project for Improvement of Traffic Control in Kampala City		TITLE: SIGN SCHEDULE		Scale: 1/100@A1 1/200@A3		<table><tr><td>DESIGNED BY:</td><td></td><td></td><td></td></tr><tr><td>DRAWN BY:</td><td></td><td></td><td></td></tr><tr><td>CHECKED BY:</td><td></td><td></td><td></td></tr><tr><td>APPROVED BY:</td><td></td><td></td><td></td></tr><tr><td>DATE:</td><td colspan="3">NOVEMBER, 2017</td></tr></table>		DESIGNED BY:				DRAWN BY:				CHECKED BY:				APPROVED BY:				DATE:	NOVEMBER, 2017			A-071 Drawing No: SHEET No:	
DESIGNED BY:																																			
DRAWN BY:																																			
CHECKED BY:																																			
APPROVED BY:																																			
DATE:	NOVEMBER, 2017																																		



KEY PLAN FOR FURNITURE-1



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Project

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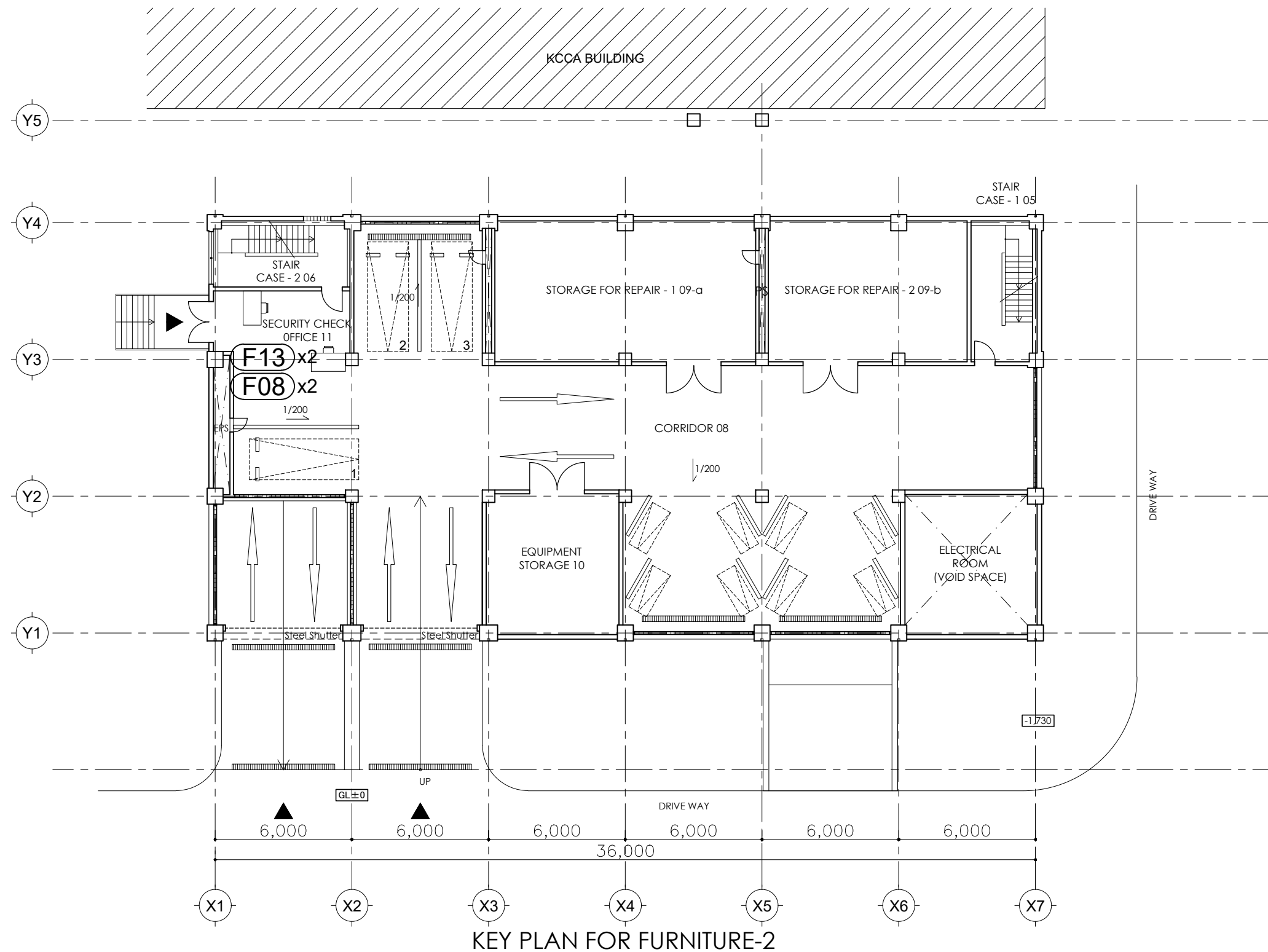
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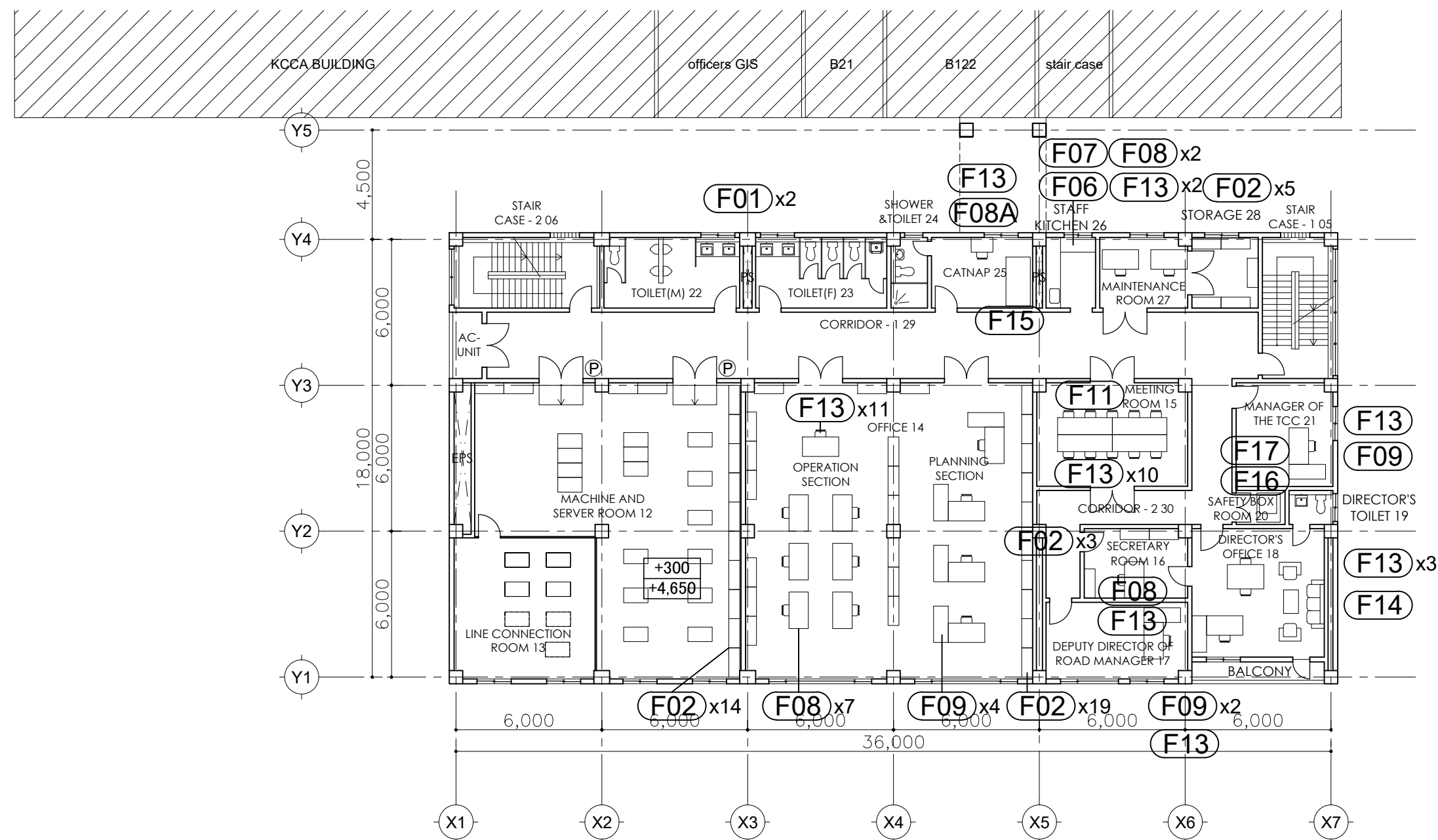
KEY PLAN FOR FURNITURE-1

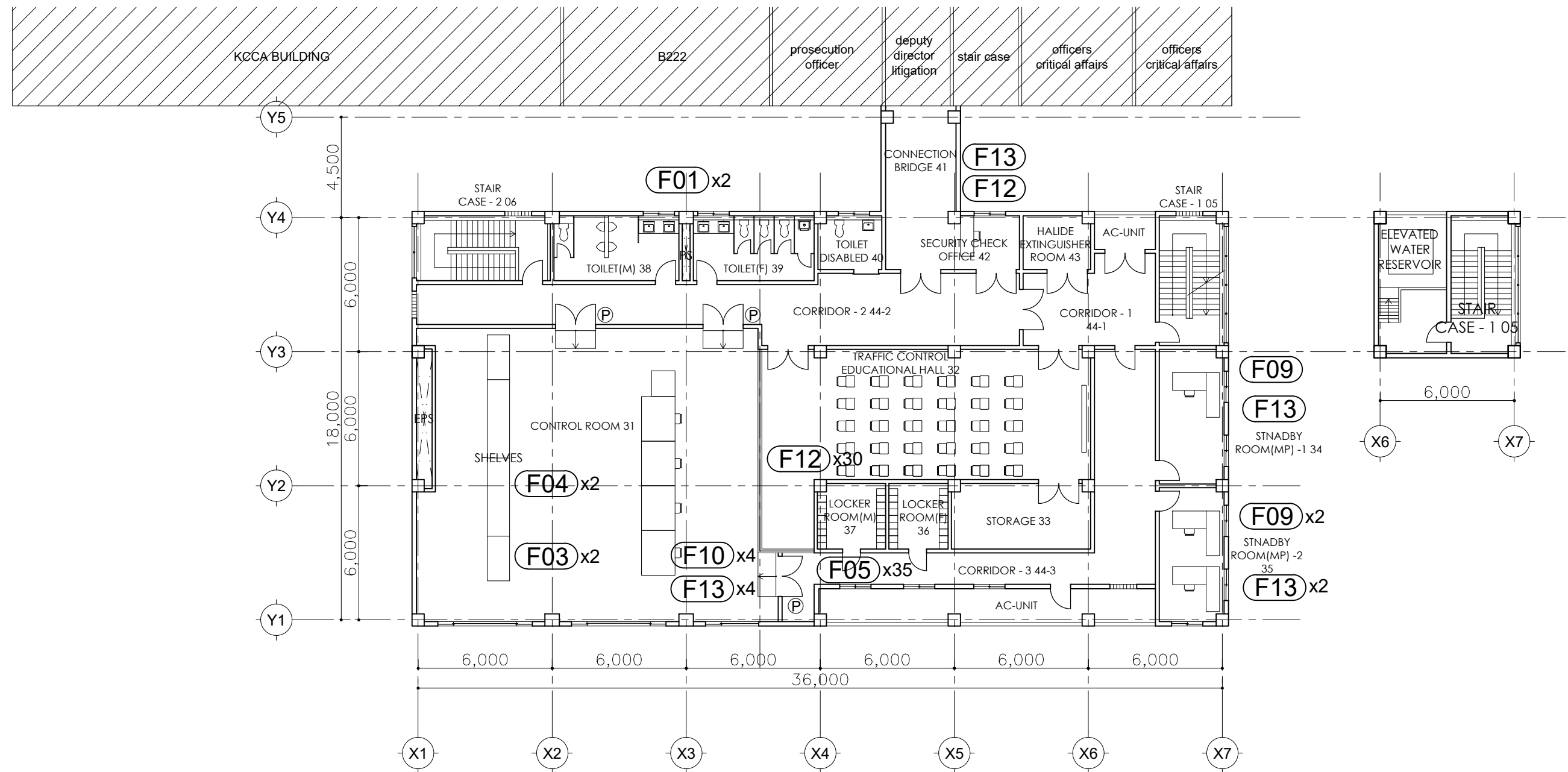
Scale:

1/100@A1
1/200@A3

DESIGNED BY:				A-072 Drawing No: SHEET No:
DRAWN BY:				
CHECKED BY:				
APPROVED BY:				
DATE:				
NOVEMBER, 2017				







KEY PLAN FOR FURNITURE-4



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Eight-Japan Engineering Consultant Inc.

Project
Project for Improvement
of Traffic Control in Kampala City

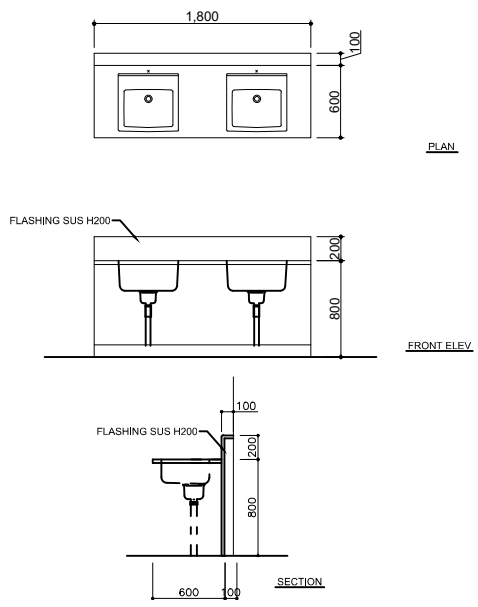
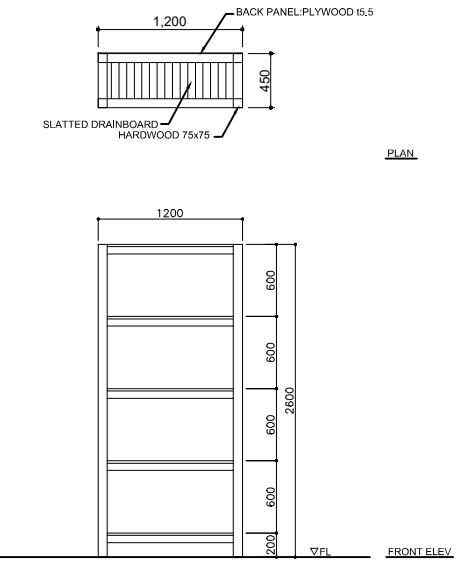
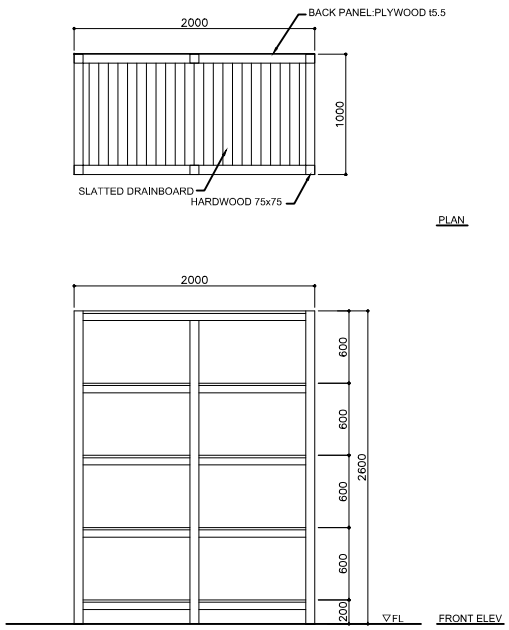
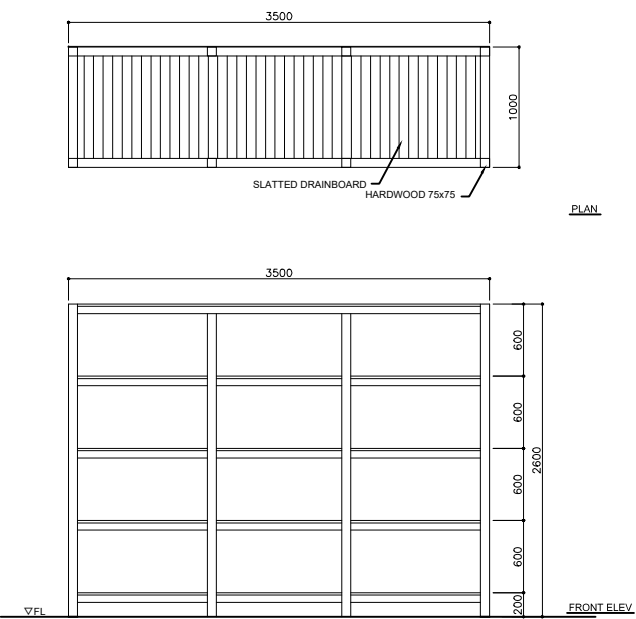
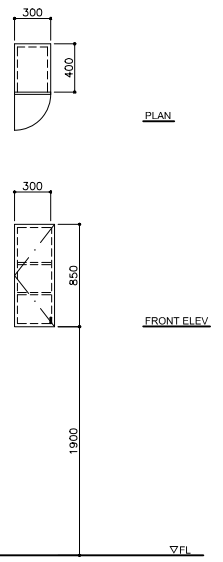
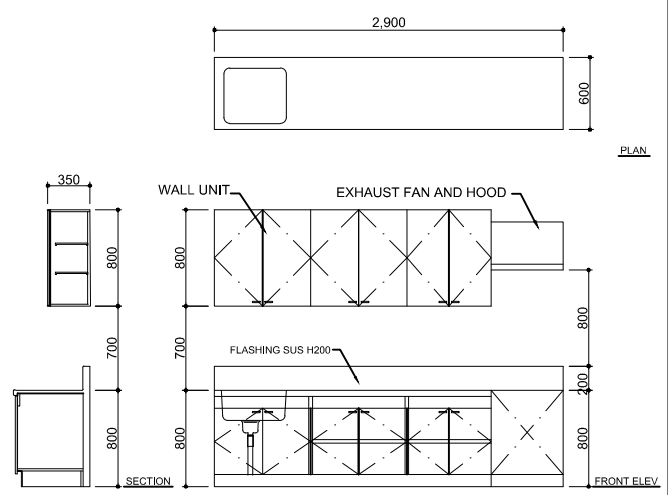
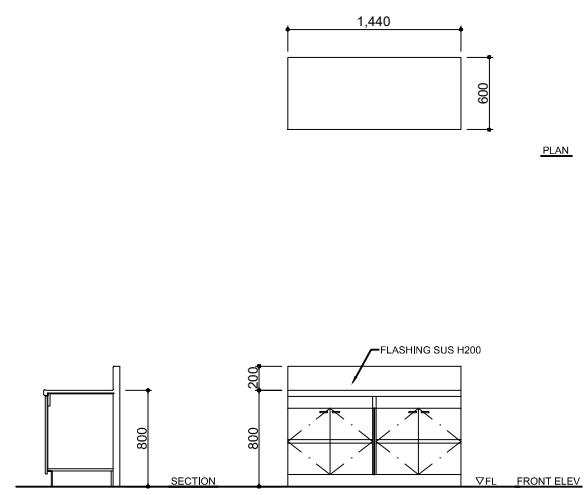
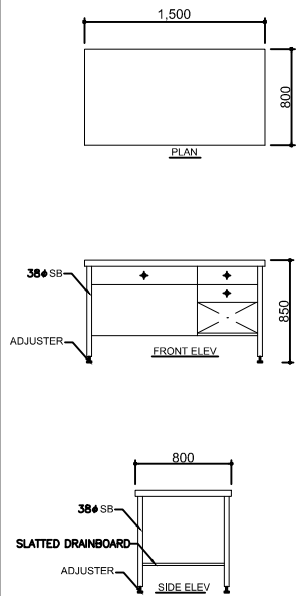
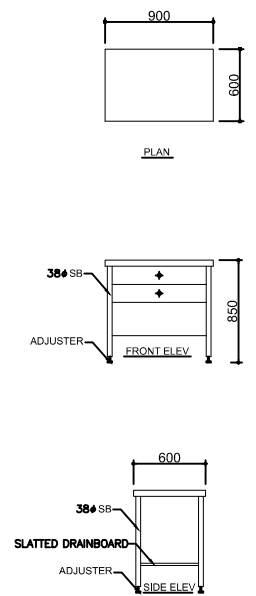
TITLE:
KEY PLAN FOR FURNITURE-4

Scale:
1/100@A1
1/200@A3

DESIGNED BY:			
DRAWN BY:			
CHECKED BY:			
APPROVED BY:			
DATE:	NOVEMBER, 2017		

A-075

Drawing No:
SHEET No:

SYMBOL/TYPE	F01	COUNTER	S=1/30	F02	SHELF	S=1/30	F03	SHELF	S=1/30	F04	COUNTER SINK	S=1/30		
SHAPE														
LOCATION	TOILET (M) , TOILET (FEMALE)			MACHINE & SERVER ROOM,OFFICE,SECRETARY,STORAGE			MACHINE & SERVER ROOM,OFFICE,SECRETARY,STORAGE			MACHINE & SERVER ROOM,OFFICE,SECRETARY,STORAGE				
QUANTITY	4			41			2			2				
WORK TOP	SUS 304 t1.2 No.4													
MATERIAL/FINISH	MELAMINE LAMINATED PLYWOOD CORE,PARTICLE BOARD			HARDWOOD, PLYWOOD			HARDWOOD, PLYWOOD			HARDWOOD, PLYWOOD				
ELEC. OUTLET	2P x 2													
WATER TAP/SINK	2/2													
REMARKS	SINK 500x450xDEPTH.190													
SYMBOL/TYPE	F05	WALL UNIT	S=1/30	F06	COUNTER SINK	S=1/30	F07	COUNTER	S=1/30	F08	TABLE	F08A	TABLE	S=1/30
SHAPE														
LOCATION	LOCKER			STAFF KITCHEN			STAFF KITCHEN			OFFICE,MAINTENANCE ROOM			CATNAP ROOM	
QUANTITY	35			1			1			13			1	
WORK TOP				SUS 304 t1.0 HL			SUS 304 t1.0 HL			SUS 430 t1.2 No.4			SUS 430 t1.2 No.4	
MATERIAL/FINISH	MELAMINE LAMINATED PLYWOOD CORE,PARTICLE BOARD			MELAMINE LAMINATED PLYWOOD CORE,PARTICLE BOARD			MELAMINE LAMINATED PLYWOOD CORE,PARTICLE BOARD			SUS 430 t1.2 BA			SUS 430 t1.2 BA	
ELEC. OUTLET				2P x 2										
WATER TAP/SINK	1/1			1/1										
REMARKS	SLIDING HINGE, DOOR PULL, MOVABLE SHELF			SLIDING HINGE, DOOR PULL, MOVABLE SHELF SINK 550x450xDEPTH.190 DRAINAGE WATER TRAP										
NOTE														



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KCCA
KAMPALA CAPITAL CITY AUTHORITY
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Eight-Japan Engineering Consultant Inc.

Project

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TITLE:

FURNITURE SCHEDULE -1

Scale:

1/15@A1
1/30@A3

DESIGNED BY:

DRAWN BY:

CHECKED BY:

APPROVED BY:

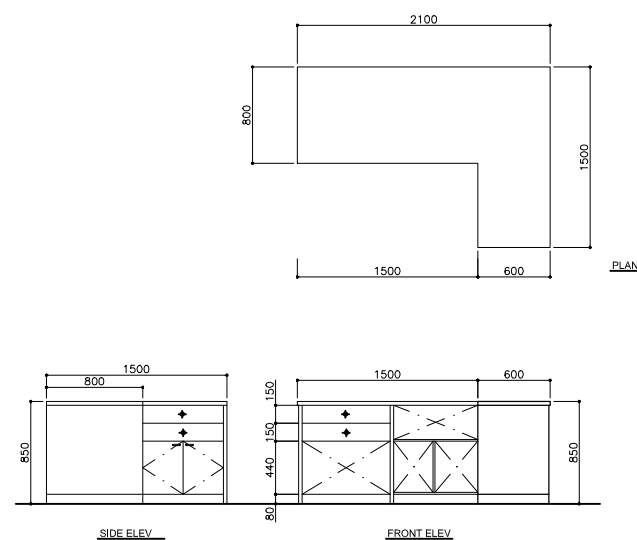
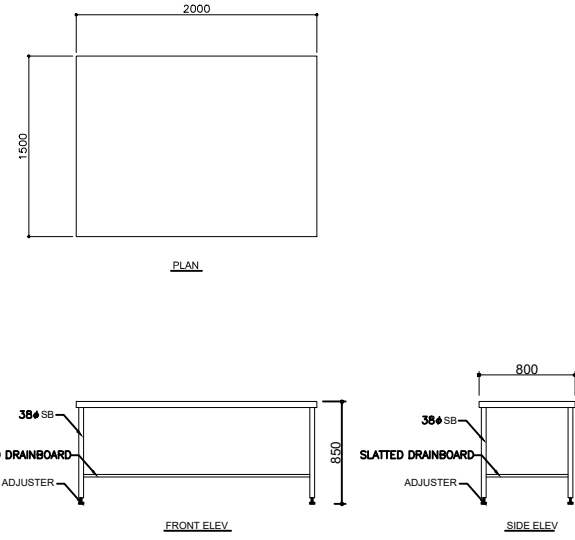
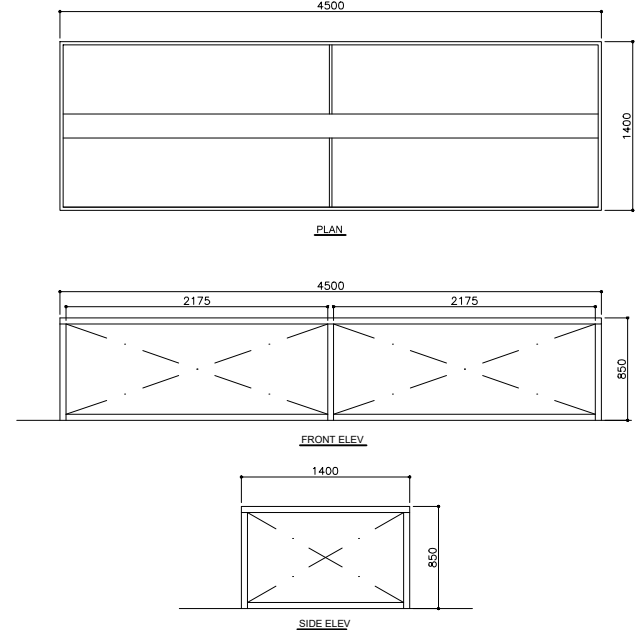
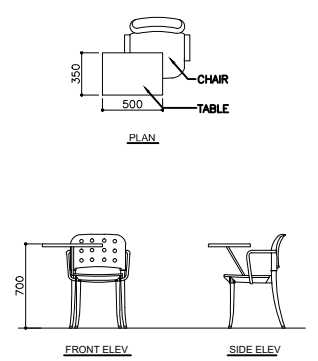
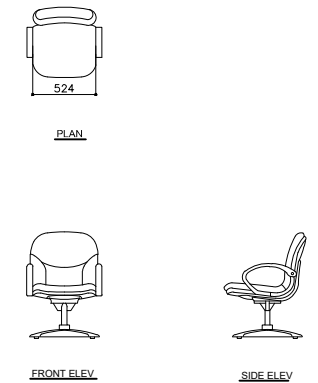
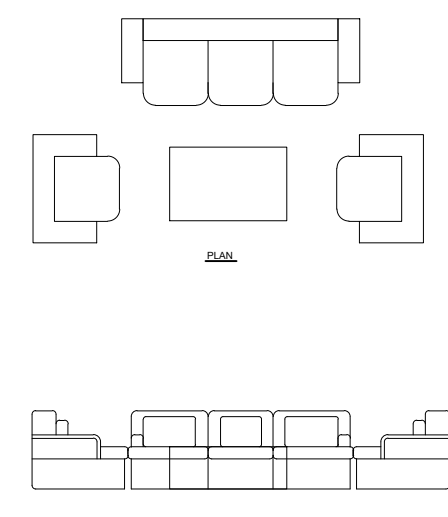
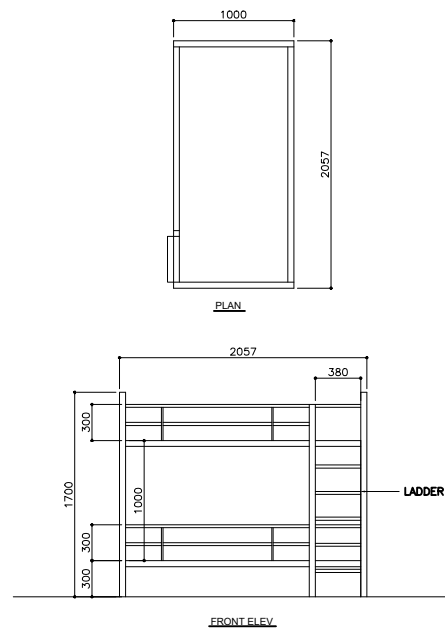
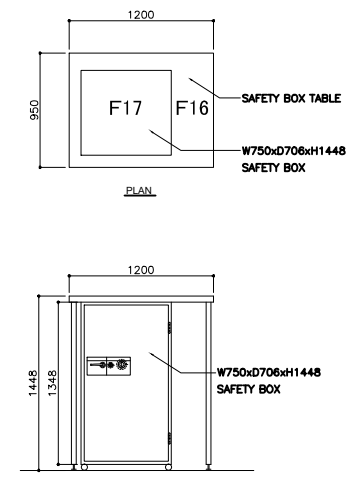
DATE:

NOVEMBER, 2017

A-076

Drawing No:

SHEET No:

SYMBOL/TYPE	F09	TABLE	S=1/30	F10	TABLE	S=1/30	F11	MEETING TABLE	S=1/30	F12	TEACHING TABLE	S=1/30
SHAPE												
LOCATION	DEPUTY DIRECTOR OF ROAD MANAGER,OFFICE,DIRECTOR OFFICE,MANAGER OF THE TCC,STNADBY ROOM.			CONTROL ROOM			MEETING ROOM			TRAFFIC CONTROL EDUCATIONAL HALL		
QUANTITY	10			4			1			30		
WORK TOP	SUS 430 t1.2 No.4			SUS 430 t1.2 No.4			50x50mm MS HOLLOW PIPE			MS HOLLOW PIPE W/PAINTED FINISH		
MATERIAL/FINISH	MELAMINE LAMINATED PLYWOOD CORE:PARTICLE BOARD			SUS 430 t1.2 BA			LAMINATED TIMBER W/POLISHED FINISH			MS W/PAINTED FINISH		
ELEC. OUTLET												
WATER TAP/SINK												
REMARKS												
SYMBOL/TYPE	F13	CHAIR	S=1/30	F14	SOFA	S=1/30	F15	TWIN BED	S=1/30	F16,F17	SAFETY BOX TABLE,SAFETY BOX	S=1/30
SHAPE												
LOCATION	OFFICE,MEETING ROOM,DEPUTY DIRECTOR OF ROAD MANAGER,DIRECTOR'S OFFICE,MANAGER OF THE TCC, MAINTNANCE,CATNAP,CONTROL ROOM,STNADBY ROOM,SECURITY CHECK OFFICE			DIRECTOR'S OFFICE			CATNAP			SAFETY BOX ROOM		
QUANTITY	41			1			1			1		
WORK TOP												
MATERIAL/FINISH												
ELEC. OUTLET												
WATER TAP/SINK												
REMARKS												
NOTE												



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Project

Project for Improvement
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TITLE:

FURNITURE SCHEDULE -2

Scale:

1/15@A1
1/30@A3

DESIGNED BY:

DRAWN BY:

CHECKED BY:

APPROVED BY:

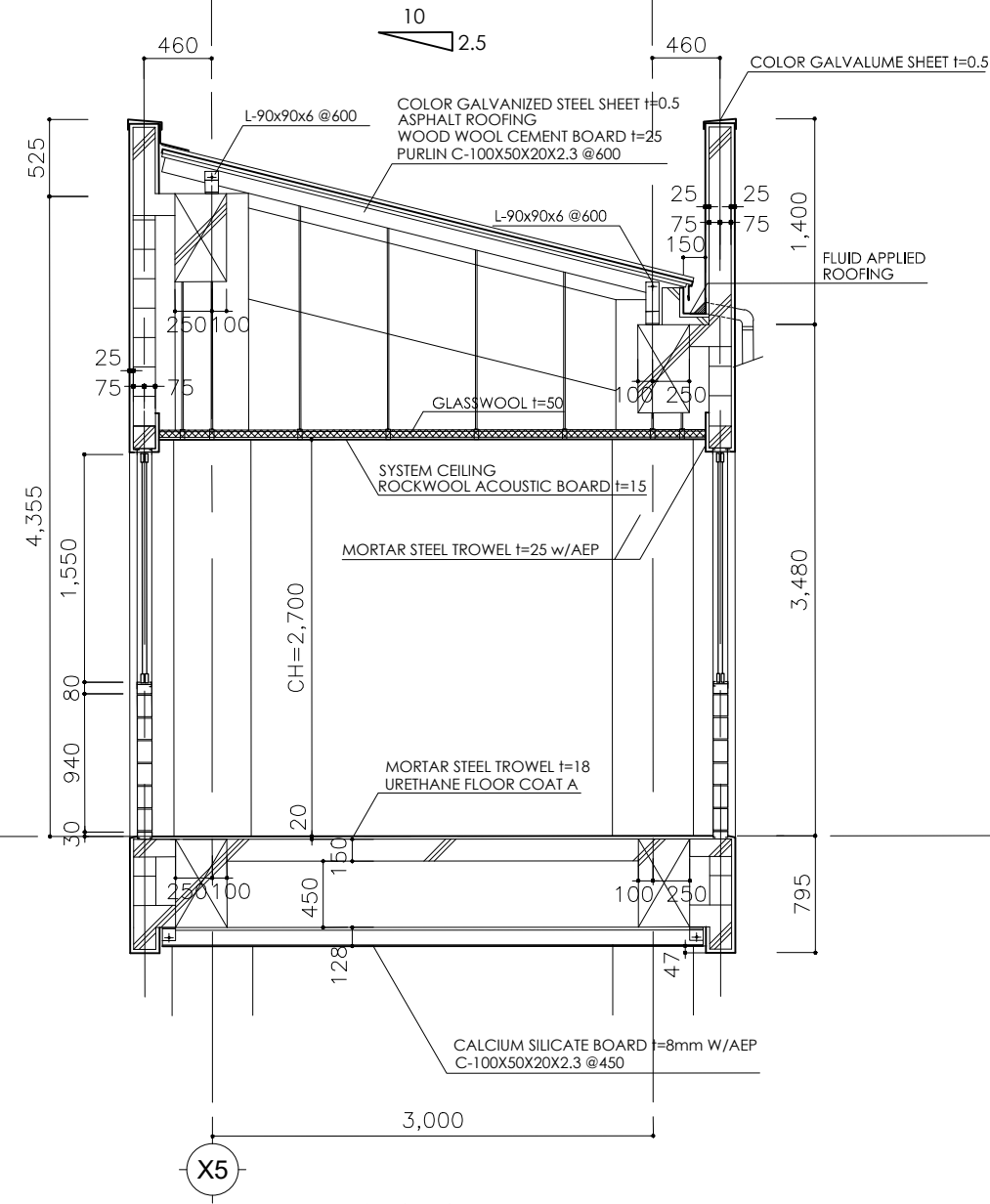
DATE:

NOVEMBER, 2017

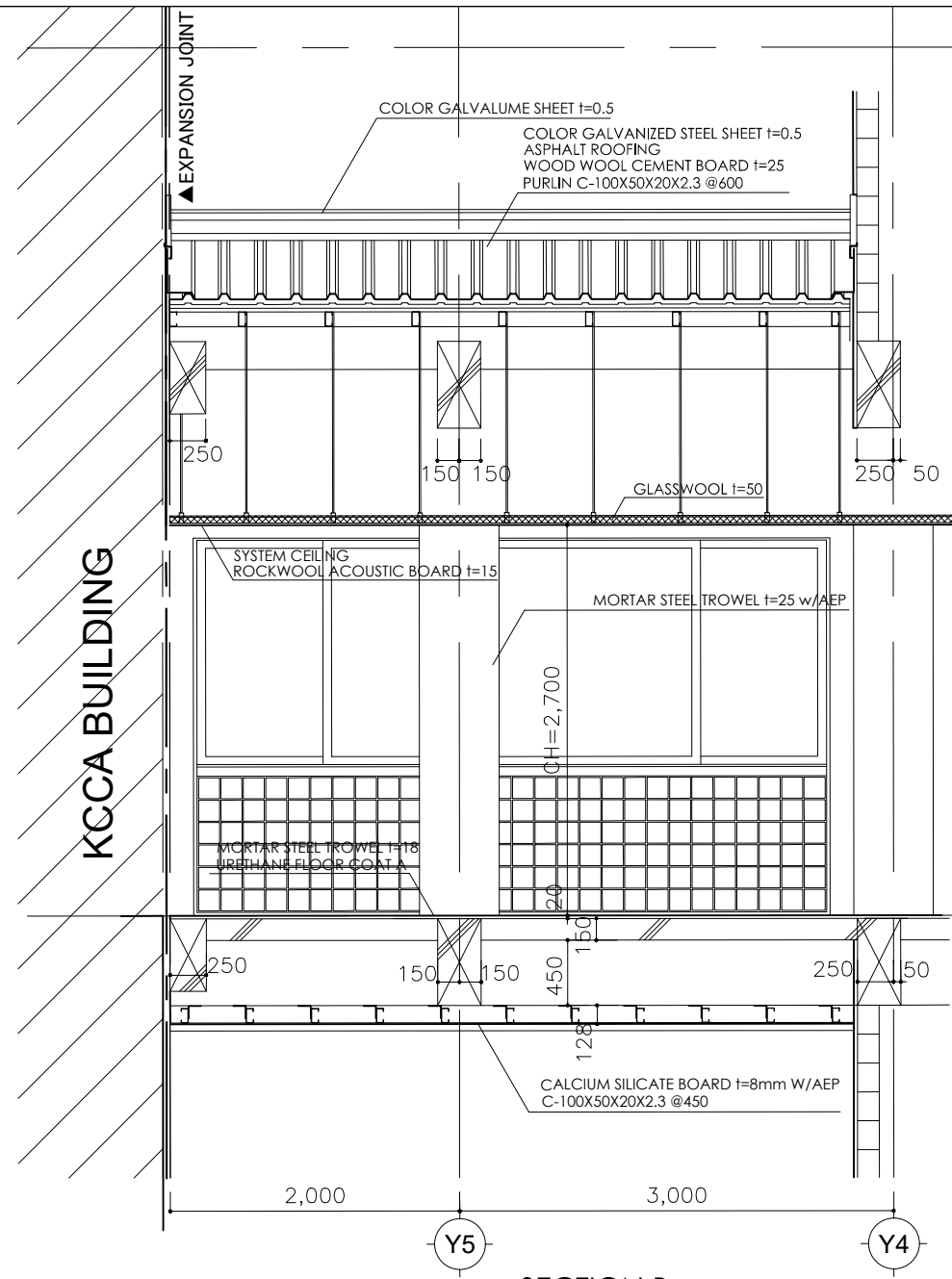
A-077

Drawing No:

SHEET No:



SECTION A

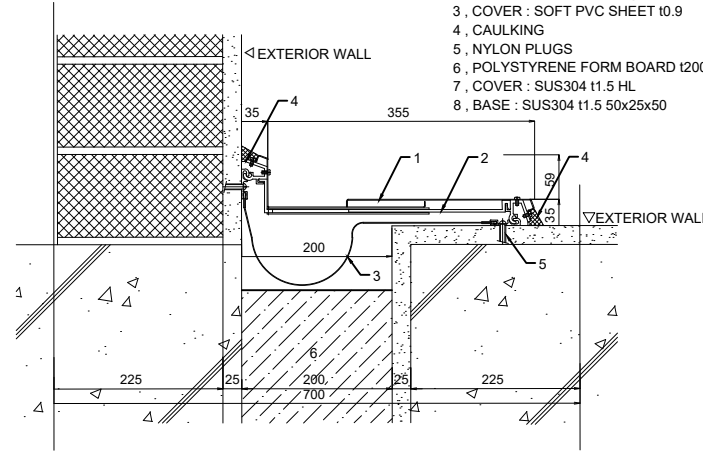


SECTION B

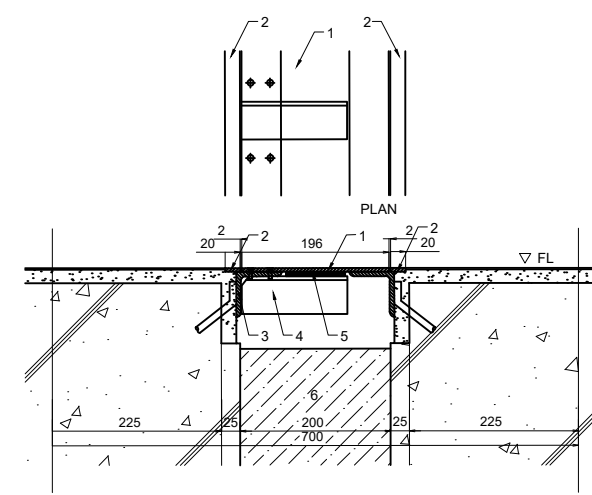
2ND Floor Level
▼GL+9,650(1210,079)

EXPANSION JOINT DETAIL

- 1, COVER : SUS304 t1.2 HL
- 2, HOLDER : ALUMINIUM @500
- 3, COVER : SOFT PVC SHEET t0.9
- 4, CAULKING
- 5, NYLON PLUGS
- 6, POLYSTYRENE FORM BOARD t200
- 7, COVER : SUS304 t1.5 HL
- 8, BASE : SUS304 t1.5 50x25x50

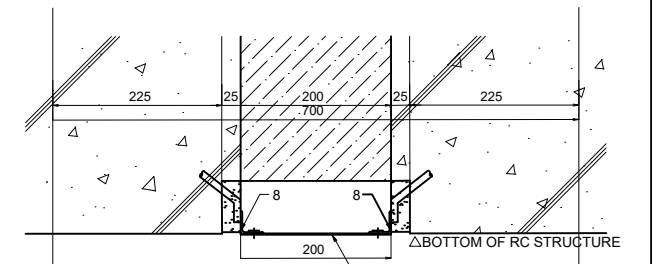


FLOOR

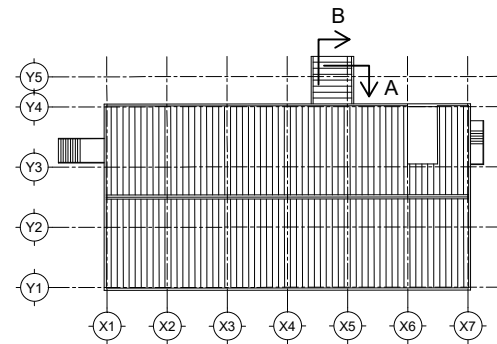


WALL

- 1, COVER : SUS304 t5.0 HL
- 2, END PLATE : SUS304 t5.0 HL
- 3, BASE : SUS304 L-60x60x6
- 4, BRACKET : SUS304 L-50x50x5 @300
- 5, CUSHION : HARD PVC SHEET t5.0
- 6, POLYSTYRENE FORM BOARD t200
- 7, COVER : SUS304 t1.5 HL
- 8, BASE : SUS304 L-30x30x2



CEILING



KEY PLAN



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Eight-Japan Engineering Consultant Inc.

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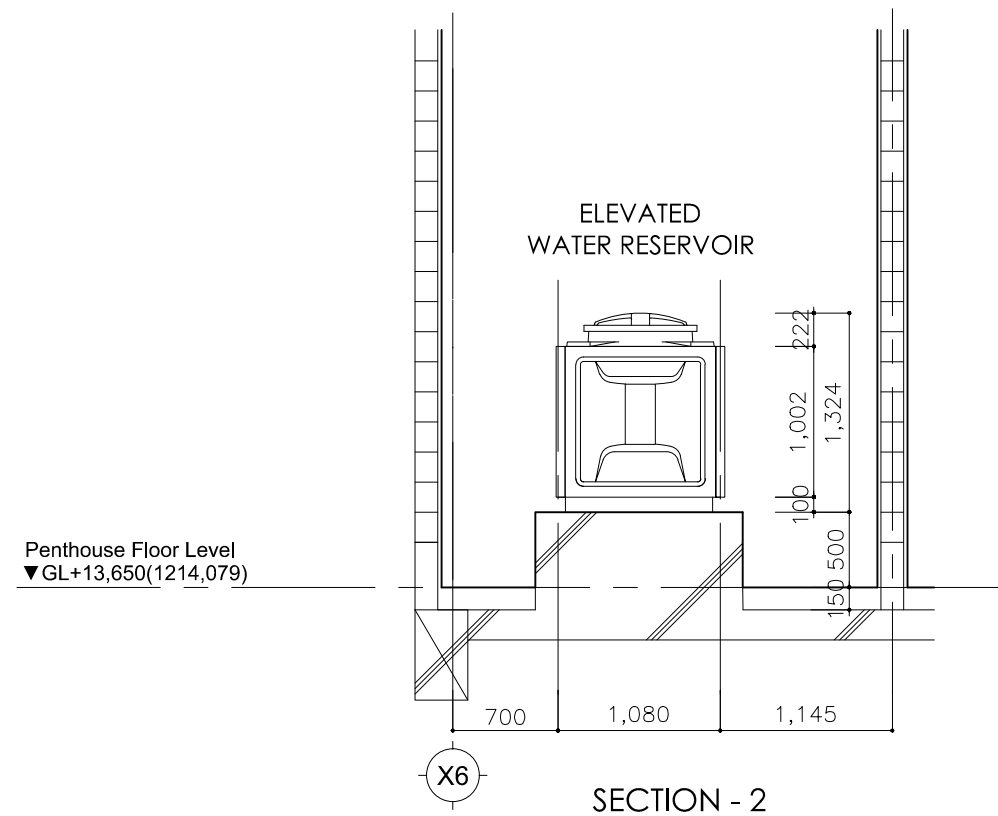
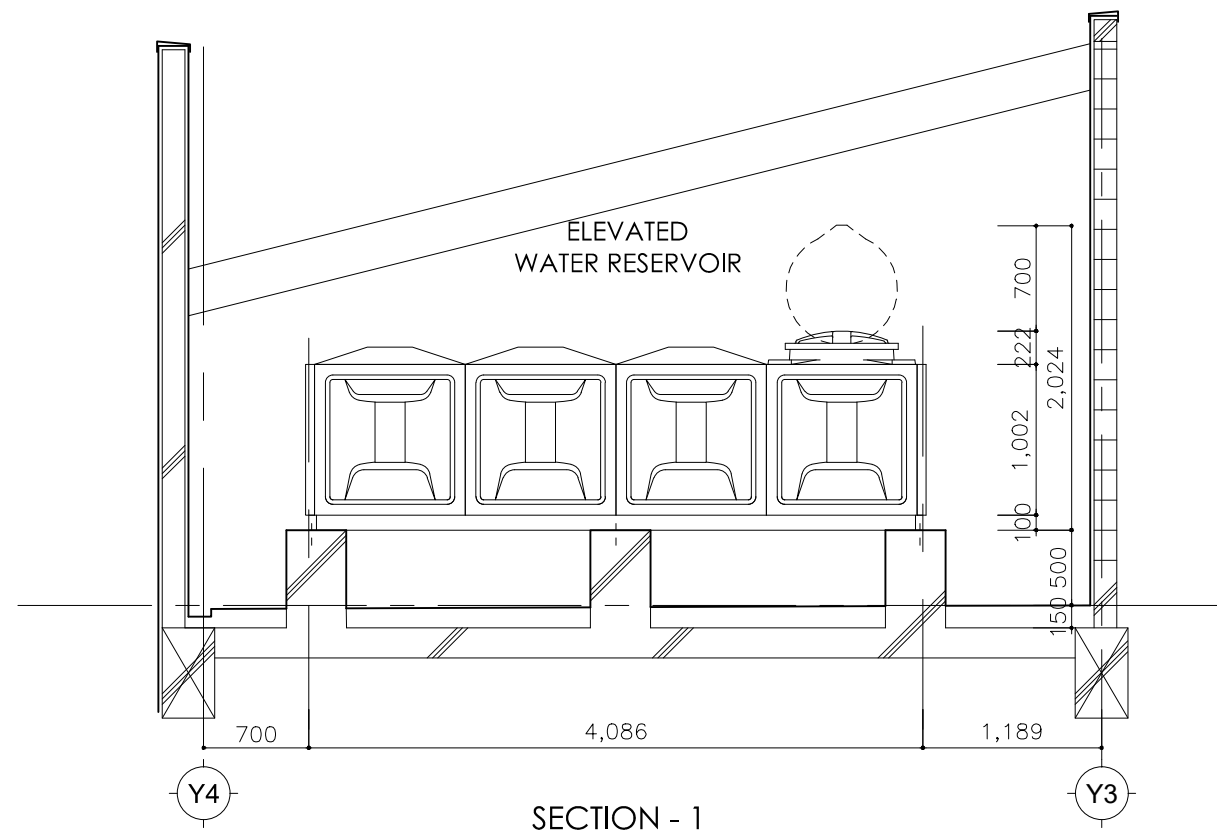
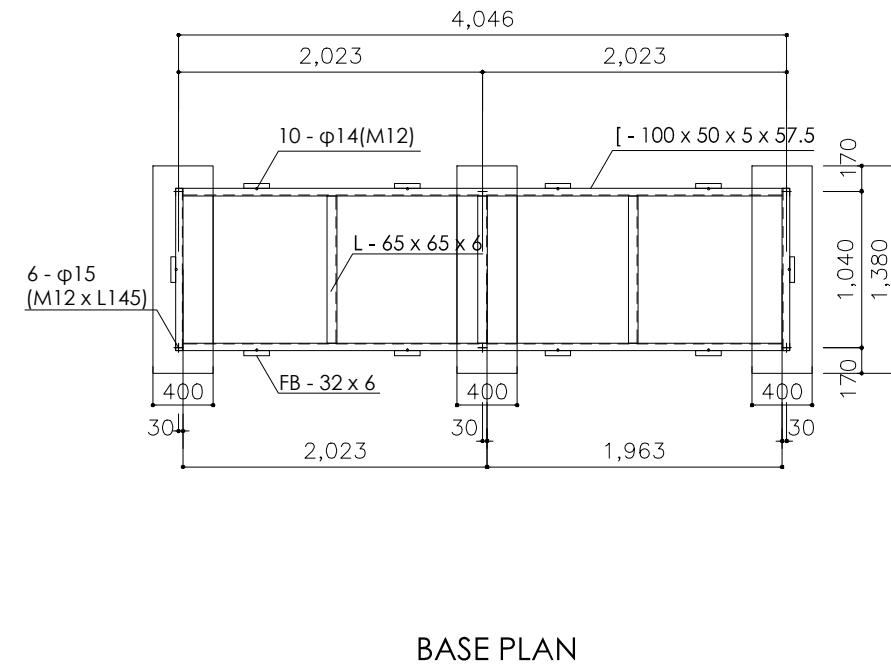
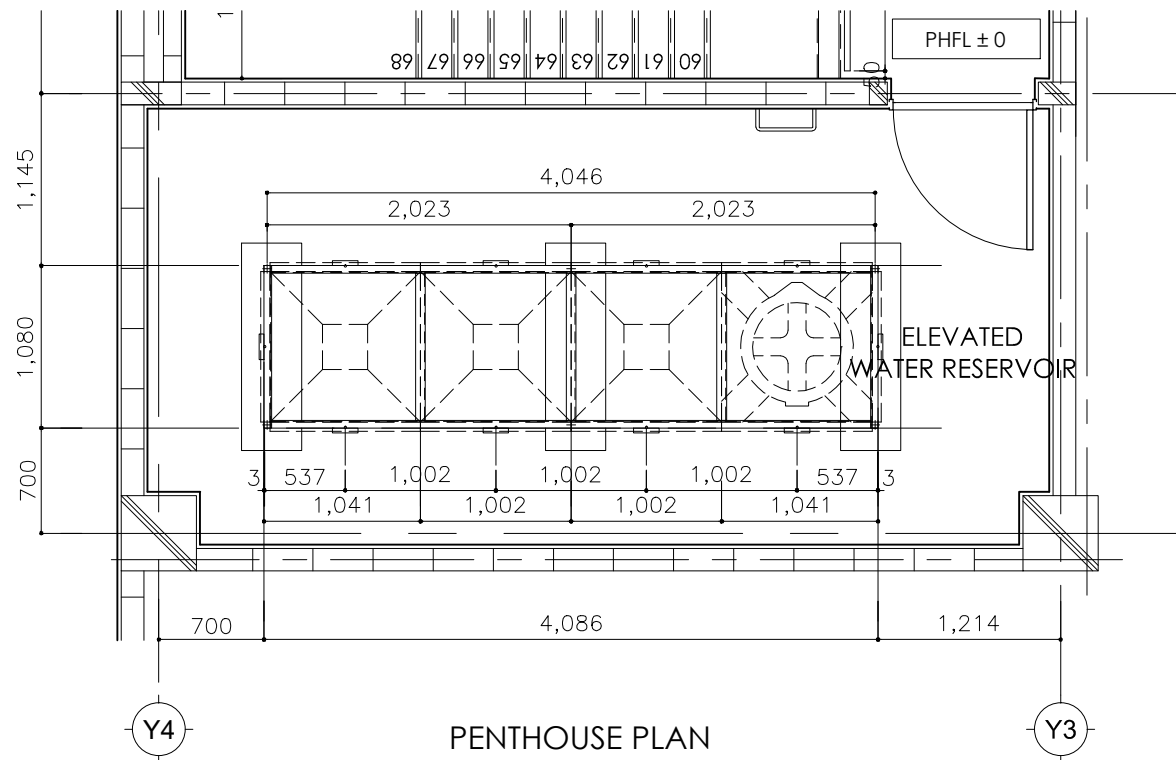
TITLE:
CONNECTION BRIDGE
SECTIONAL DETAIL

Scale:
1:25(A1)
1:50(A3)

DESIGNED BY:	
DRAWN BY:	
CHECKED BY:	
APPROVED BY:	
DATE:	OCTOBER, 2017

A-079

Drawing No:
SHEET No:



Penthouse Floor Level
▼GL+13,650(1214,079)

All steel material shall be hotdip garvanaized.



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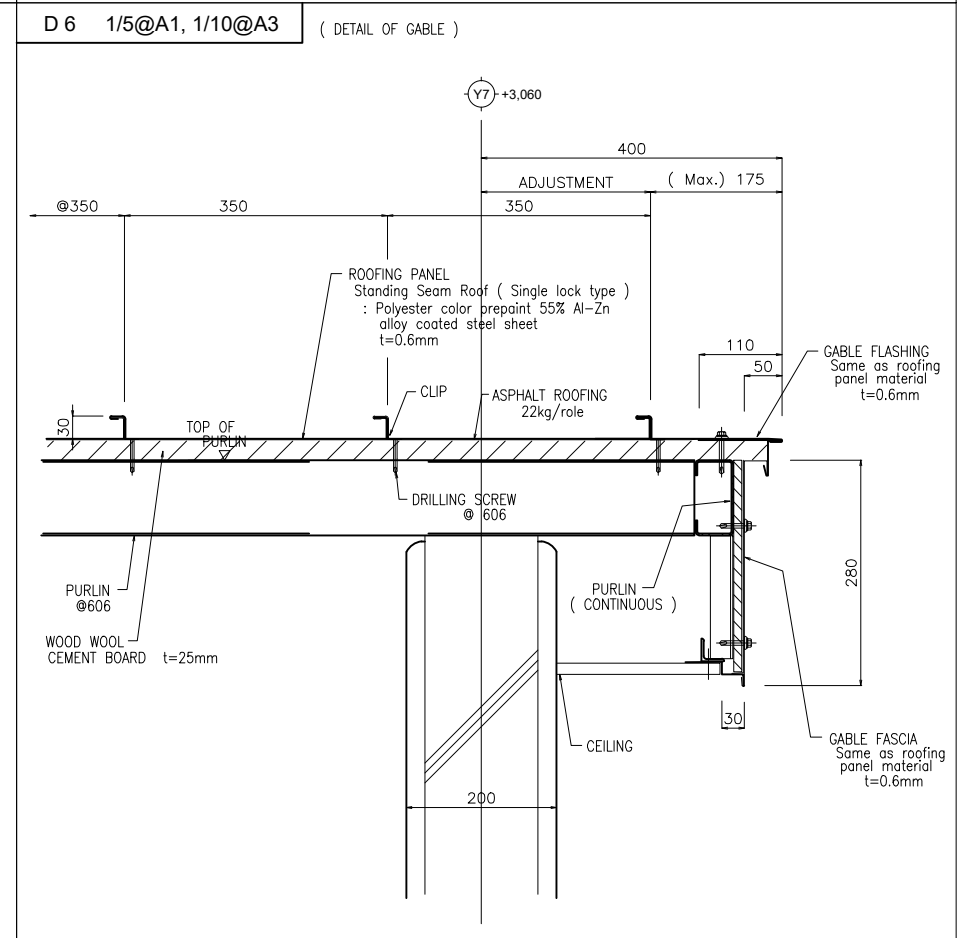
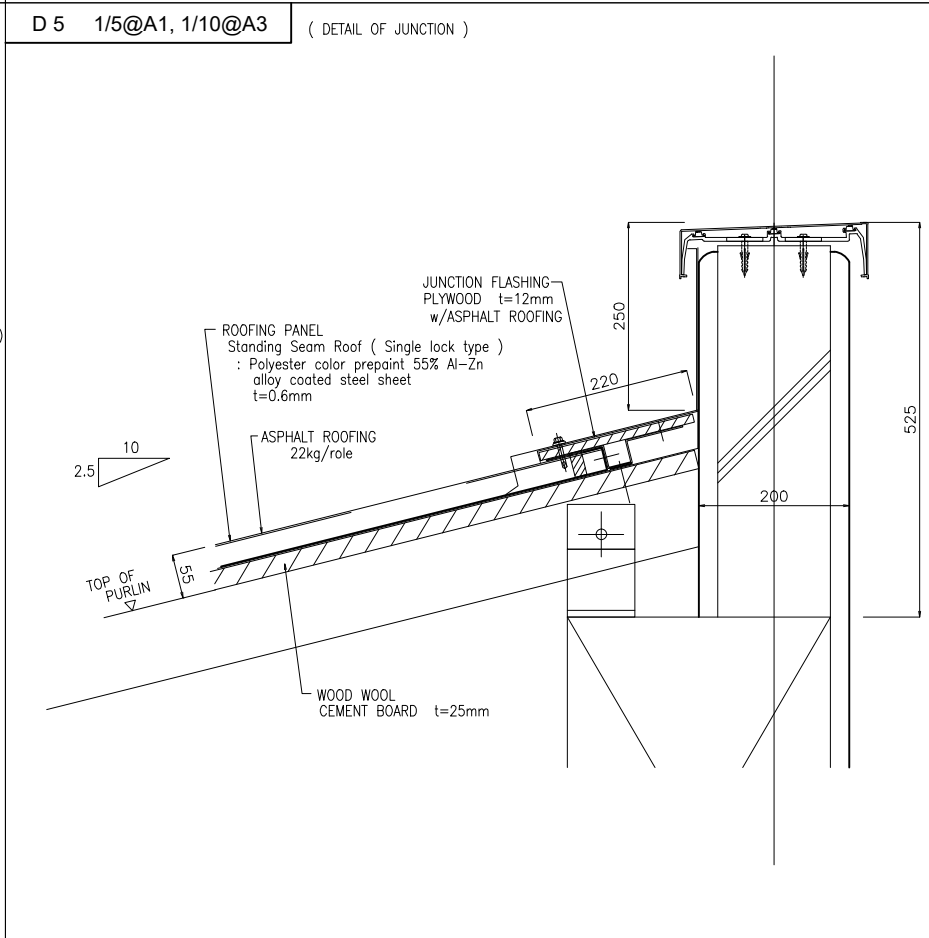
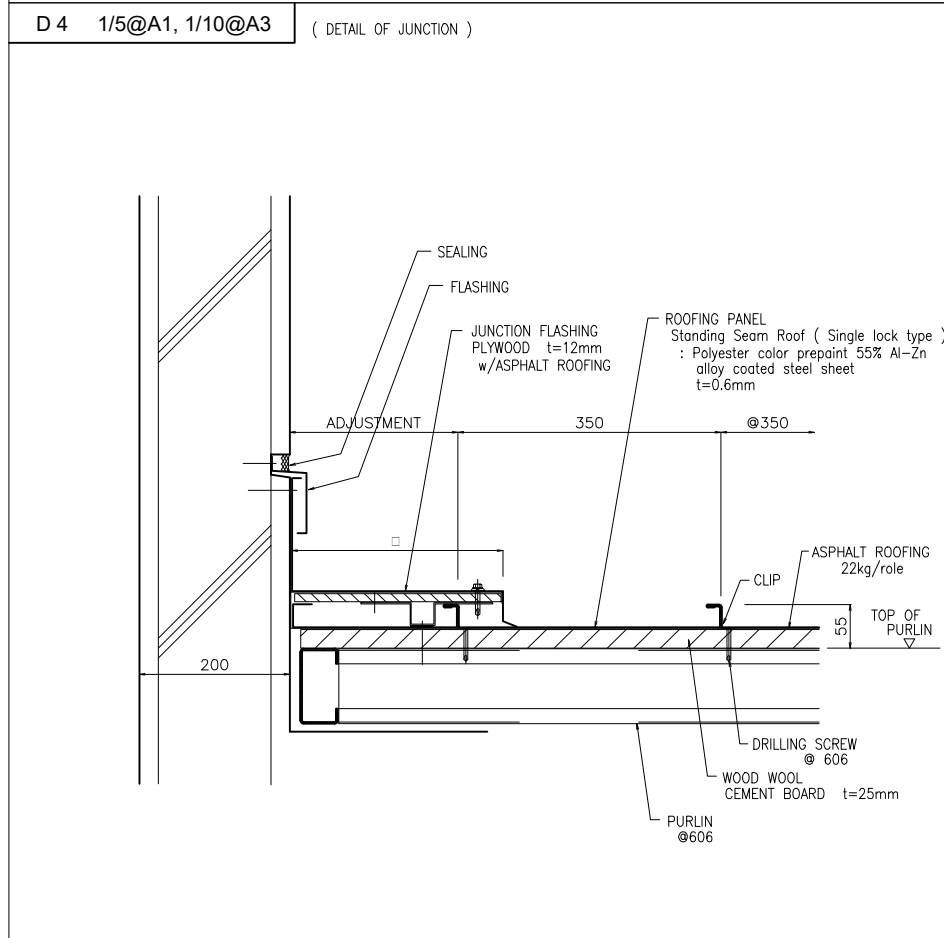
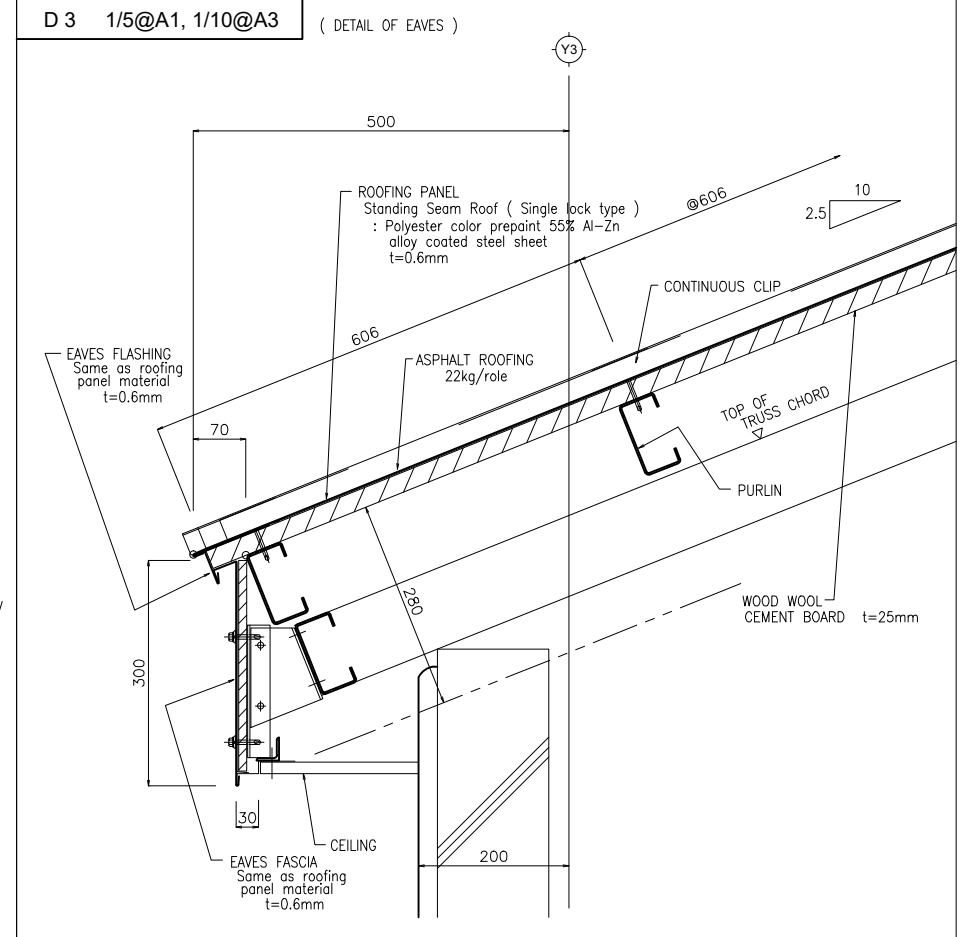
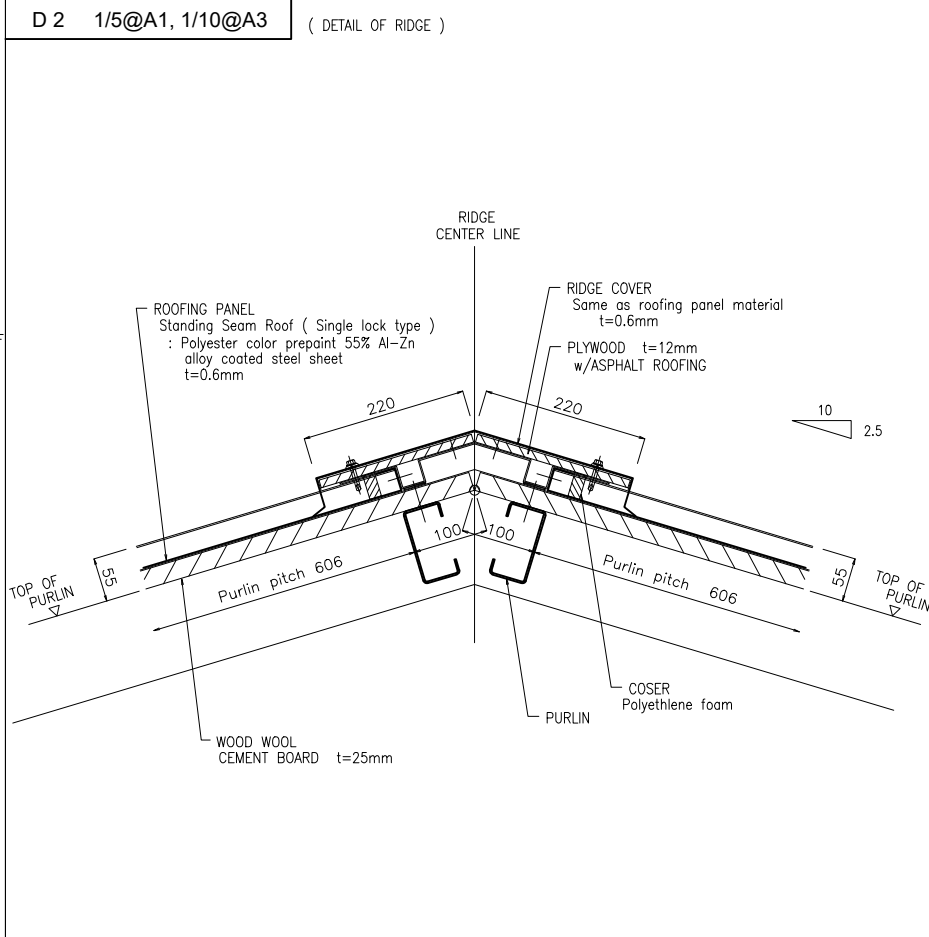
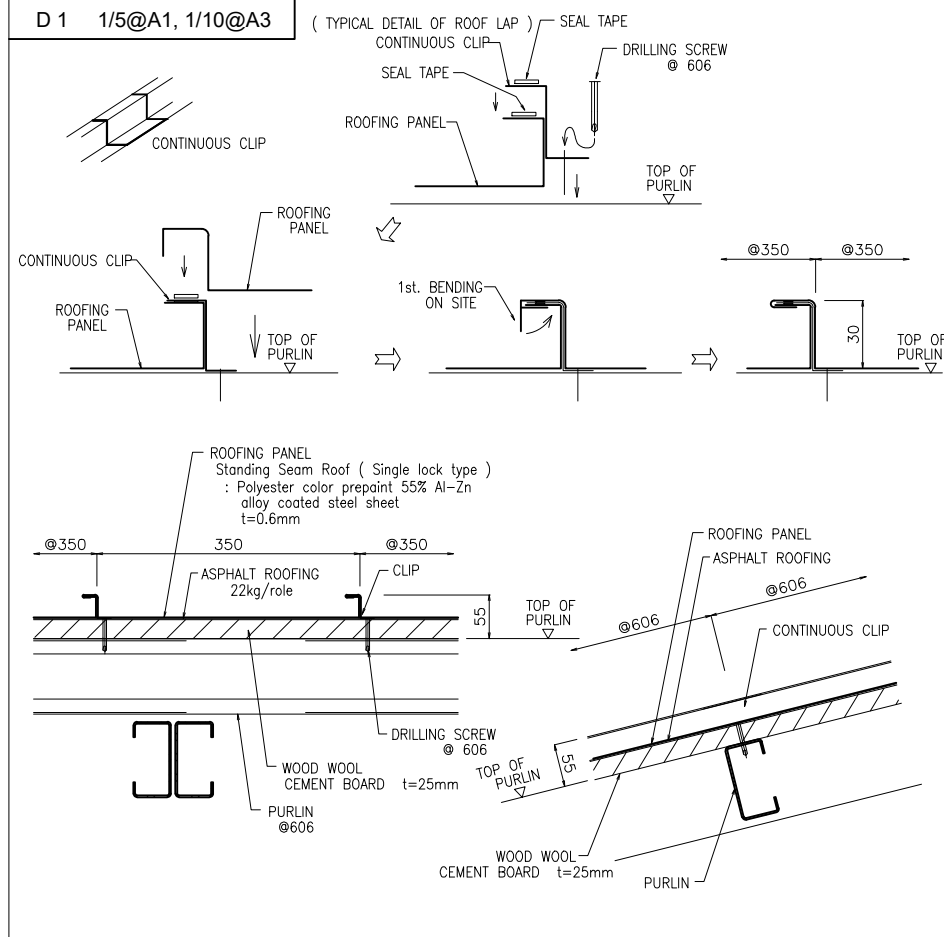
Design Engineer
Oriental Consultants Global Co., Ltd.
Eight-Japan Engineering Consultant Inc.

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Project for Improvement
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TITLE:
ELEVATED WATER
RESERVOIR DETAIL

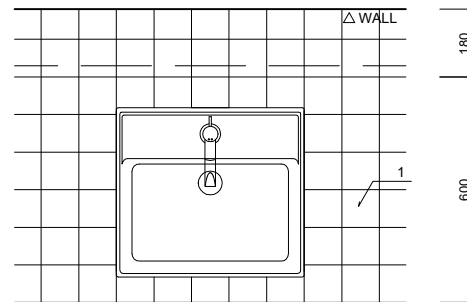
Scale:
1:25(A1)
1:50(A3)

DESIGNED BY:				A-080 Drawing No:
DRAWN BY:				
CHECKED BY:				
APPROVED BY:				
DATE:	NOVEMBER, 2017			SHEET No:

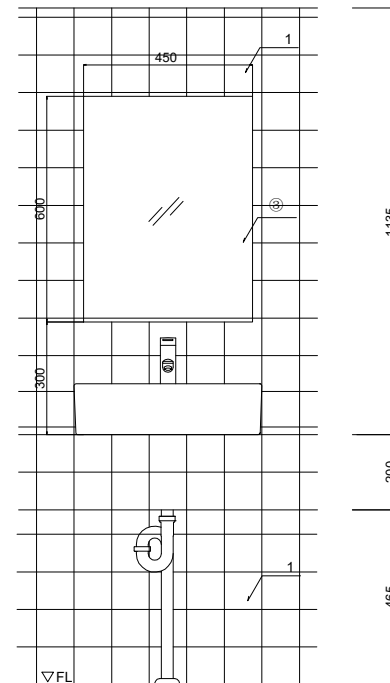


D 6 1/10@A1, 1/20@A3 (BASIN COUNTER)

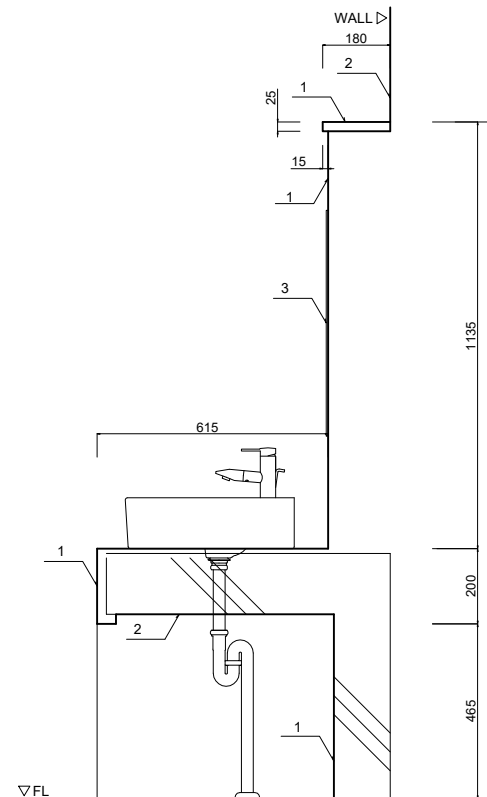
- 1, CERAMIC TILE
2, MORTAR STEEL TROWEL
3, MIRROR



PLAN



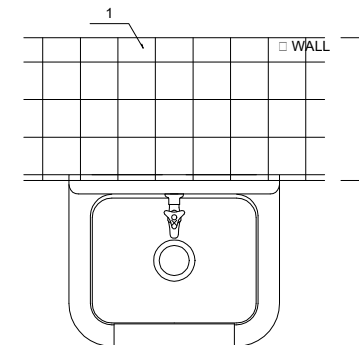
FRONT ELEV



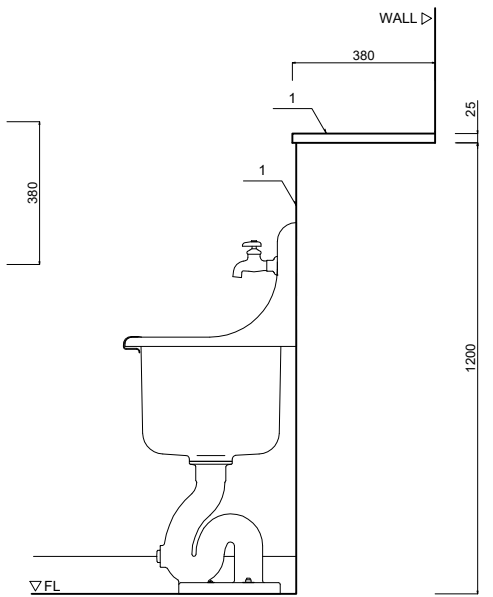
SECTION

D 7 1/10@A1, 1/20@A3 (SLOP SINK)

- 1, CERAMIC TILE
2, MORTAR STEEL TROWEL



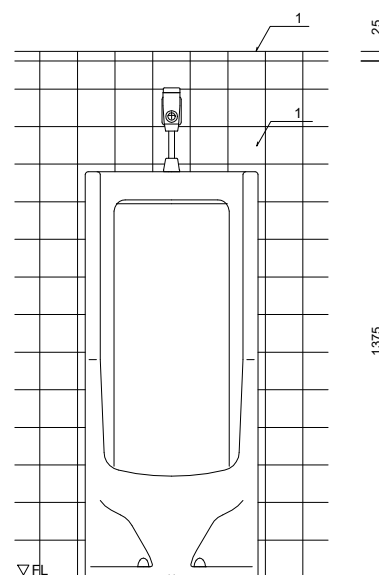
PLAN



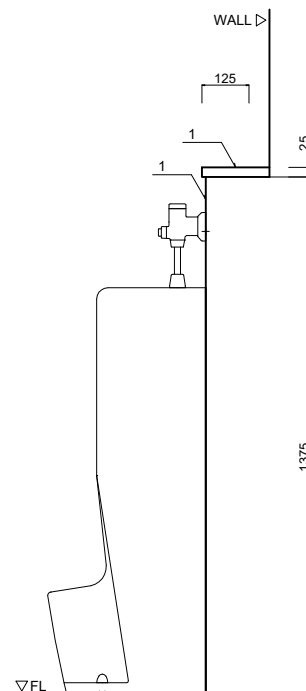
SECTION

D 8 1/10@A1, 1/20@A3 (URINAL)

- 1, CERAMIC TILE



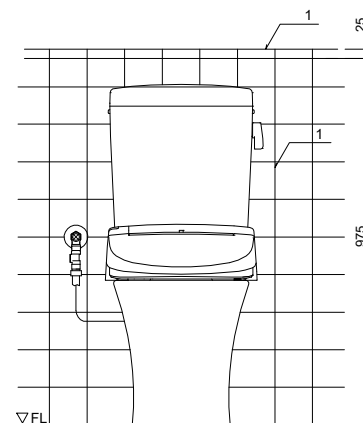
FRONT ELEV



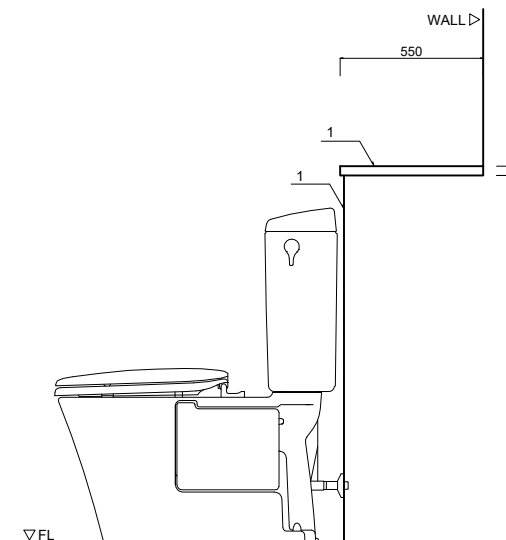
SECTION

D 9 1/10@A1, 1/20@A3 (CLOSET)

- 1, CERAMIC TILE



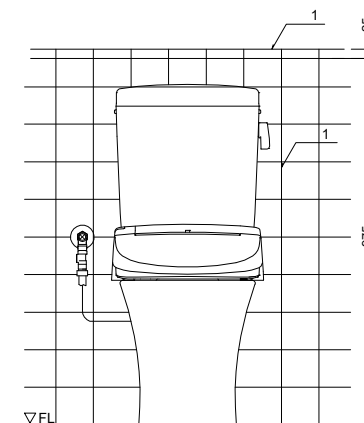
FRONT ELEV



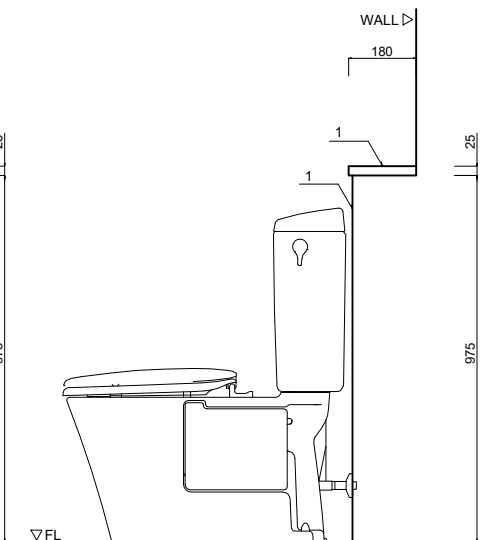
SECTION

D 10 1/10@A1, 1/20@A3 (CLOSET)

- 1, CERAMIC TILE



FRONT ELEV



SECTION



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Project

Project for Improvement
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TITLE:

PARTS DETAILS - 2
(TOILET)

Scale:

1:10(A1)
1:20(A3)

DESIGNED BY:

DRAWN BY:

CHECKED BY:

APPROVED BY:

DATE:

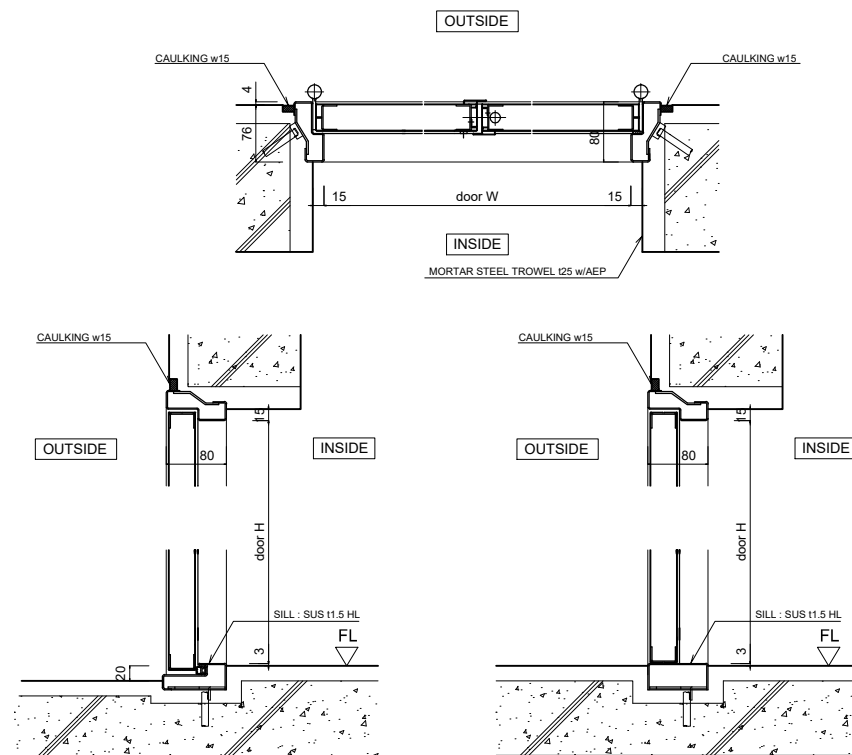
OCTOBER, 2017

A-082

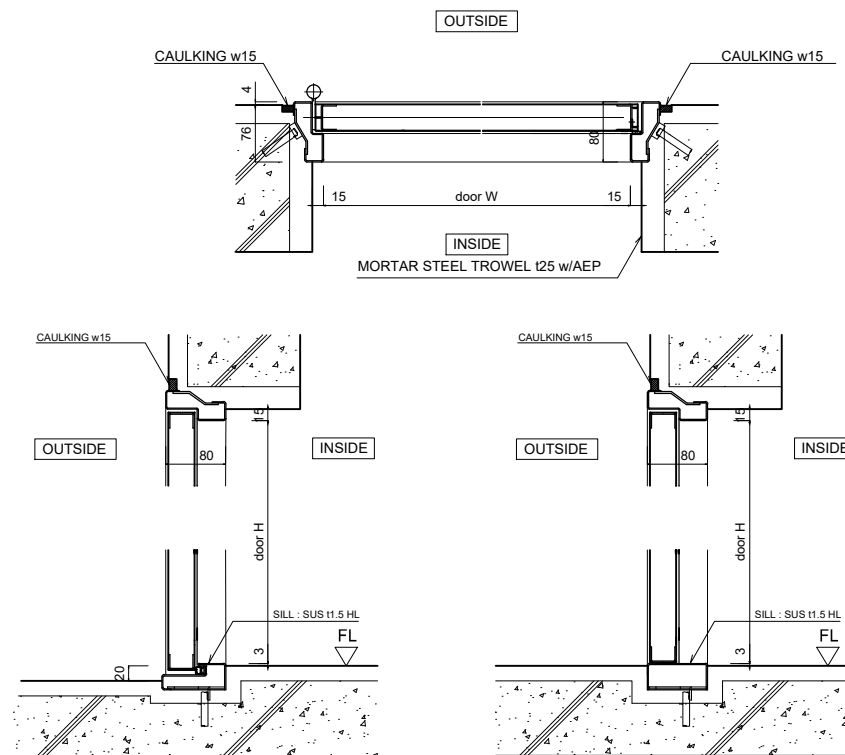
Drawing No:

SHEET No:

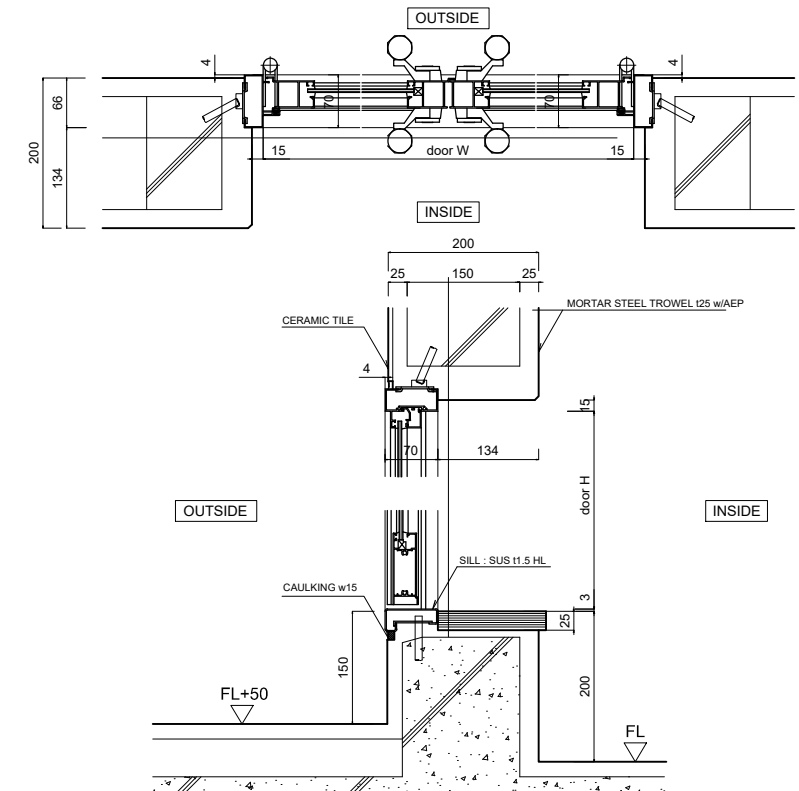
D 11 1/5@A1, 1/10@A3 (STEEL DOUBLE SWING DOOR)



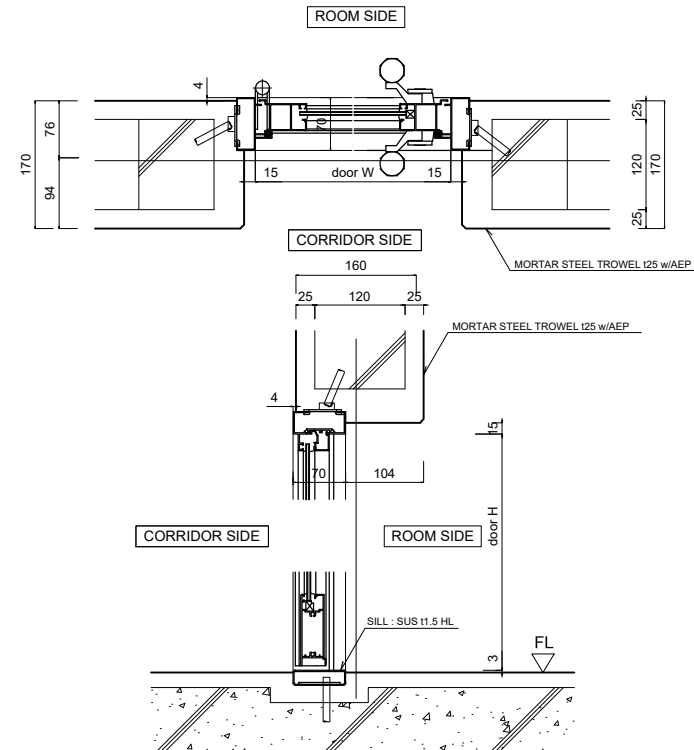
D 12 1/5@A1, 1/10@A3 (STEEL SINGLE SWING DOOR)



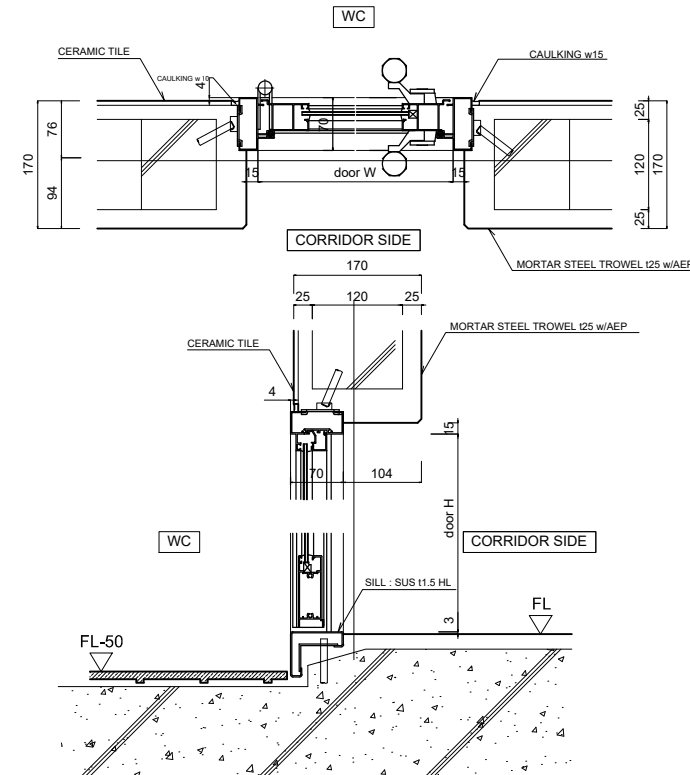
D 13 1/5@A1, 1/10@A3 (ALUMINUM DOUBLE SWING DOOR)



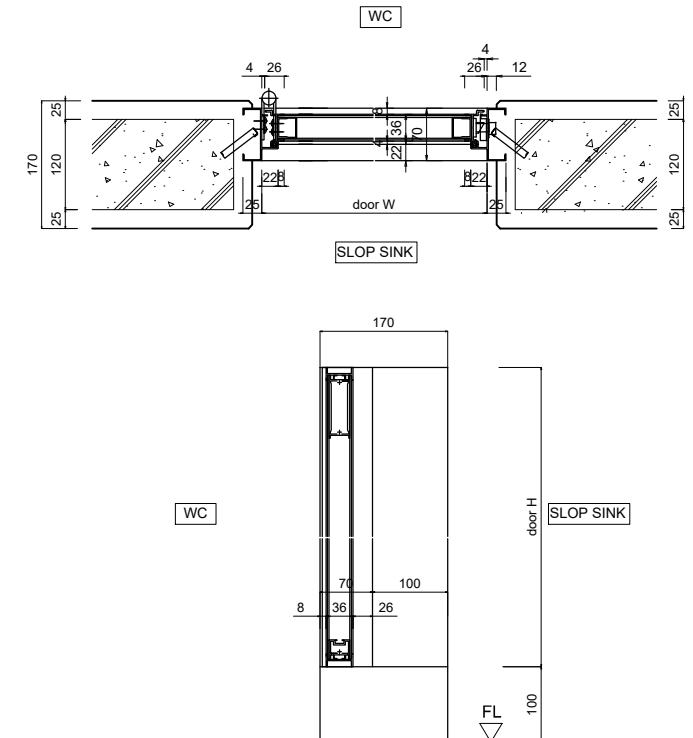
D 14 1/5@A1, 1/10@A3 (ALUMINUM SINGLE SWING DOOR)



D 15 1/5@A1, 1/10@A3 (ALUMINUM SINGLE SWING DOOR for TOILET)

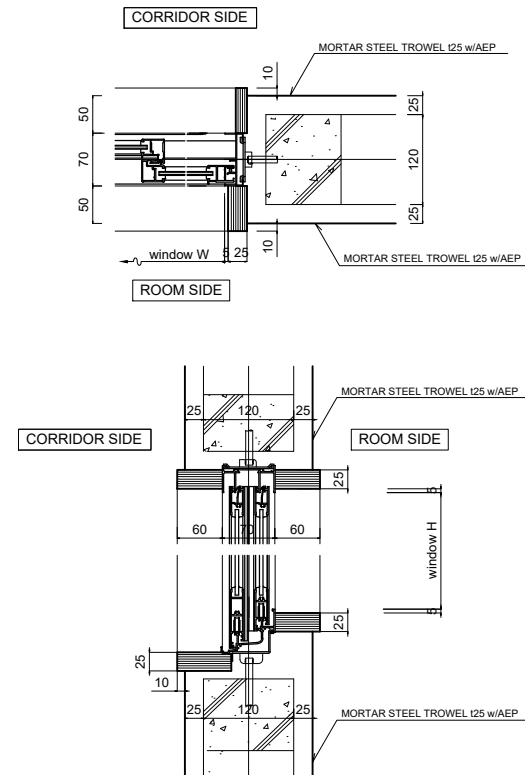


D 16 1/5@A1, 1/10@A3 (ALUMINUM SINGLE SWING DOOR for SLOP SINK)



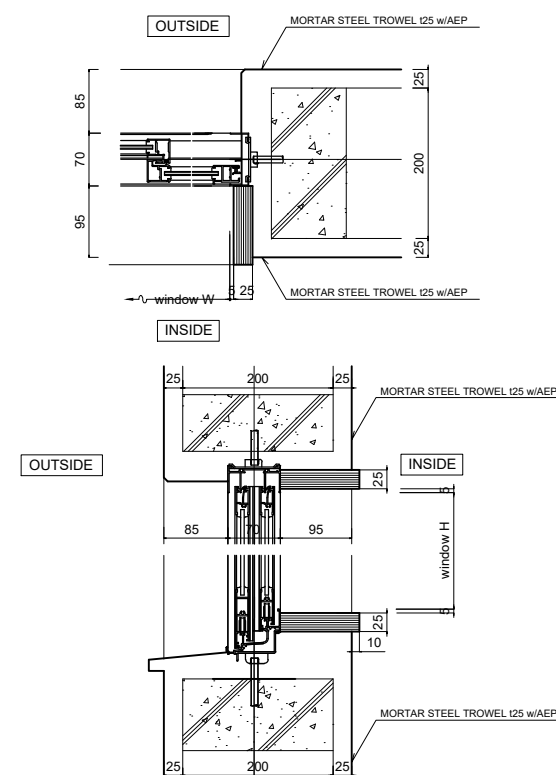
D 17 1/5@A1, 1/10@A3

(ALUMINUM SLIDING WINDOW for INTERNAL)



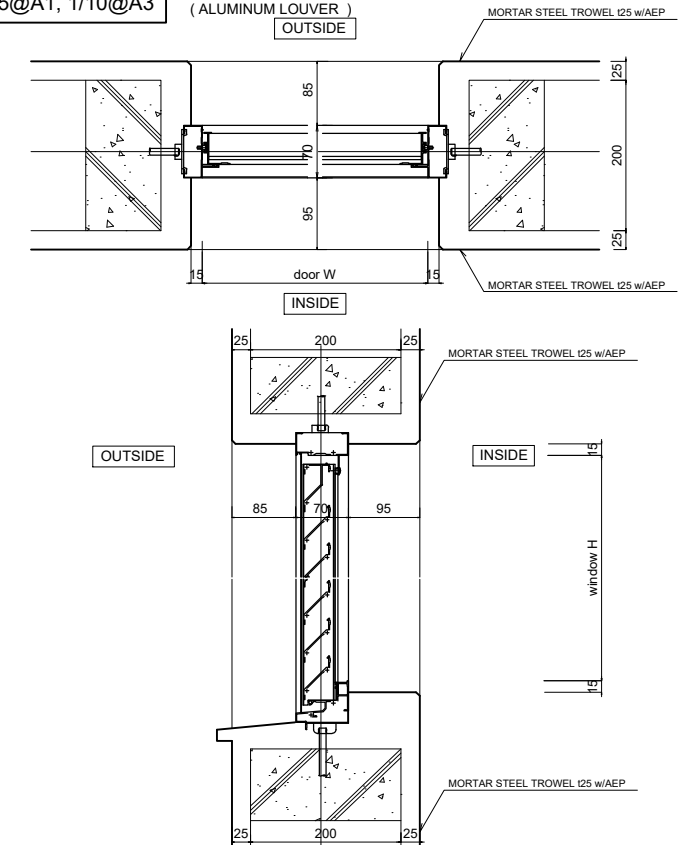
D 18 1/5@A1, 1/10@A3

(ALUMINUM SLIDING WINDOW)



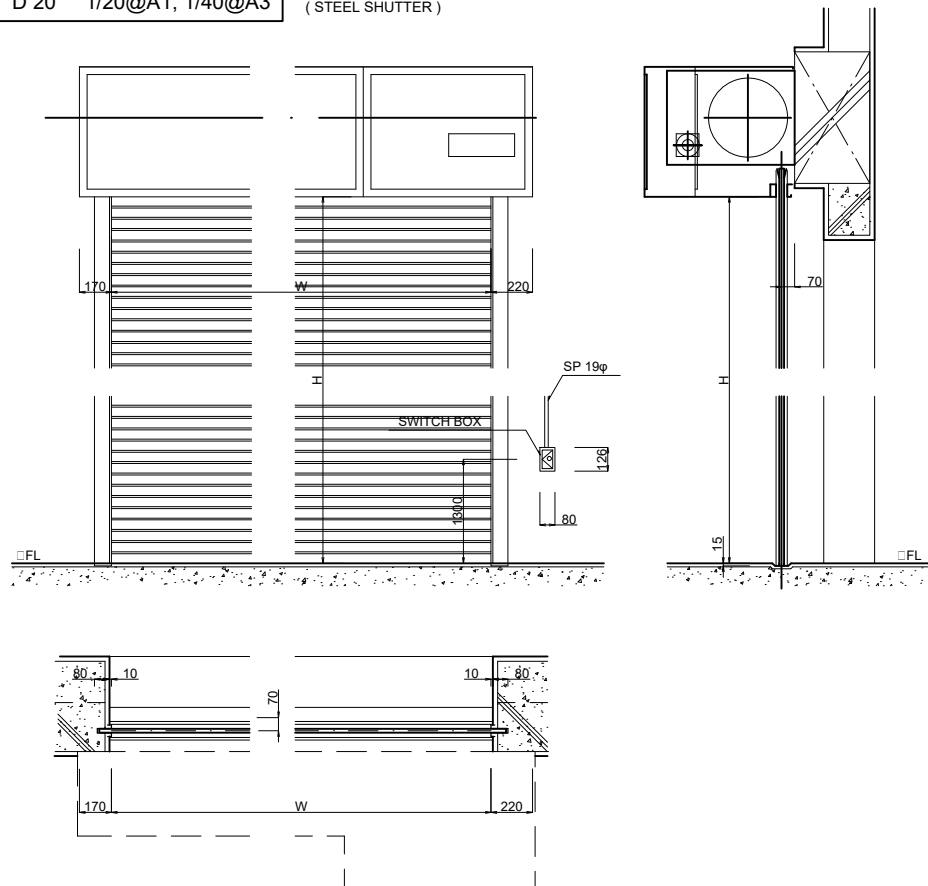
D 19 1/5@A1, 1/10@A3

(ALUMINUM LOUVER)



D 20 1/20@A1, 1/40@A3

(STEEL SHUTTER)



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Oriental Consultants Global Co., Ltd.
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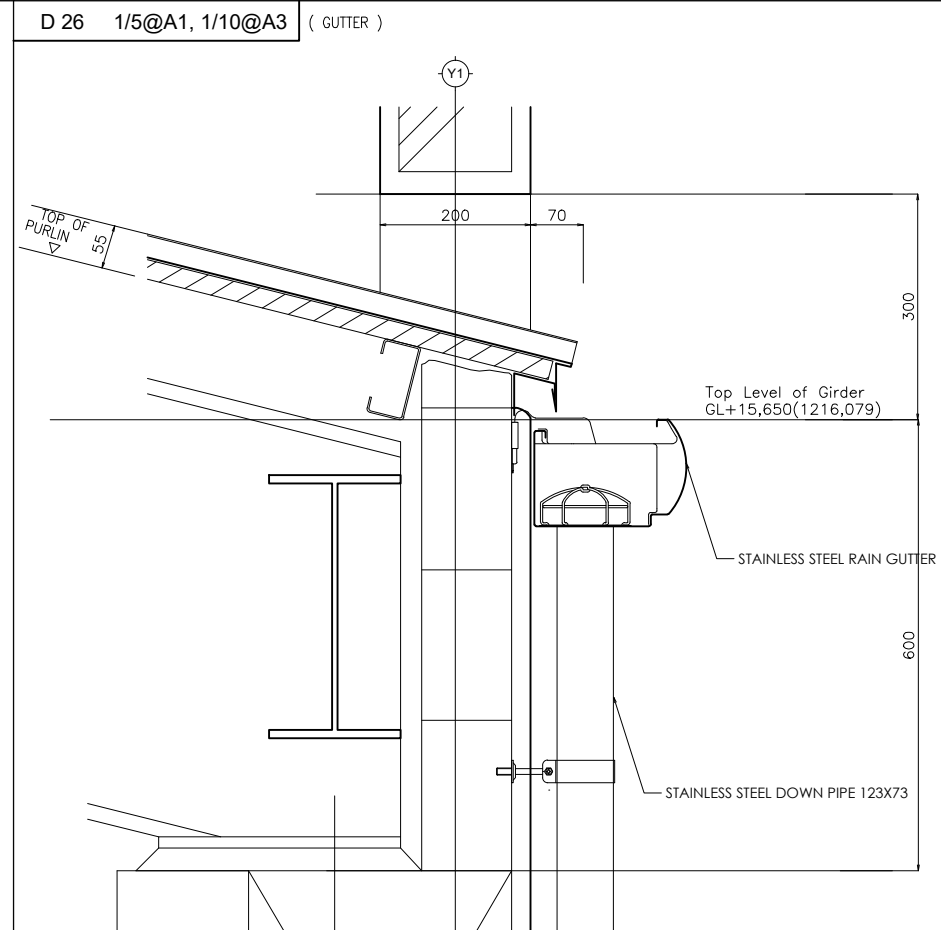
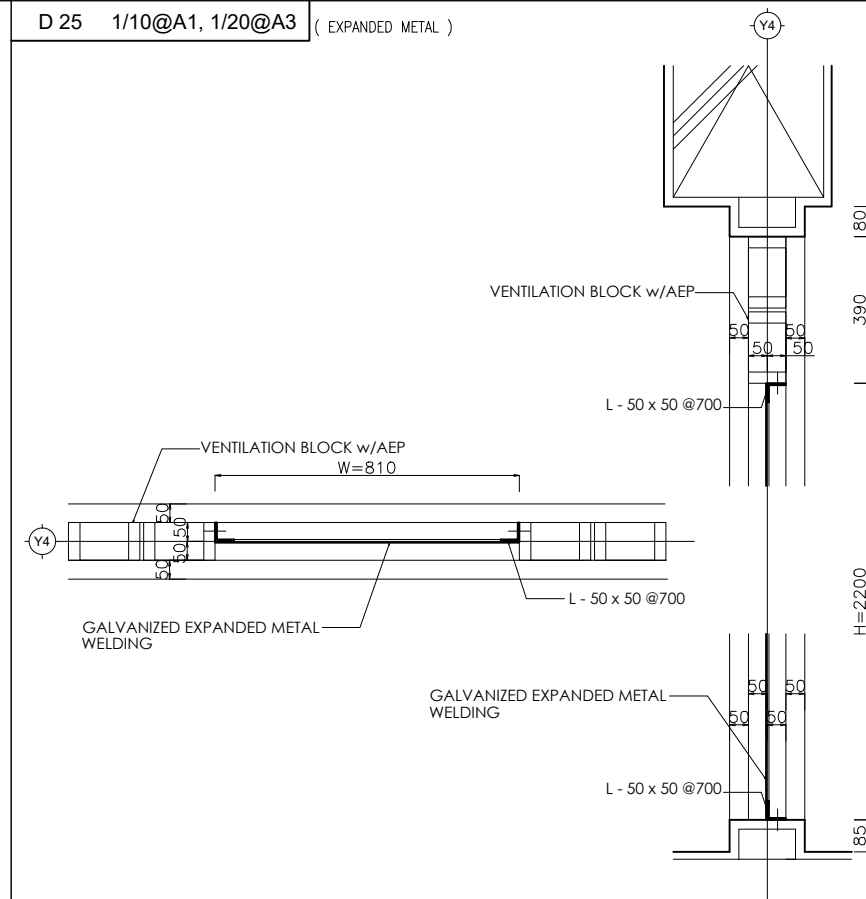
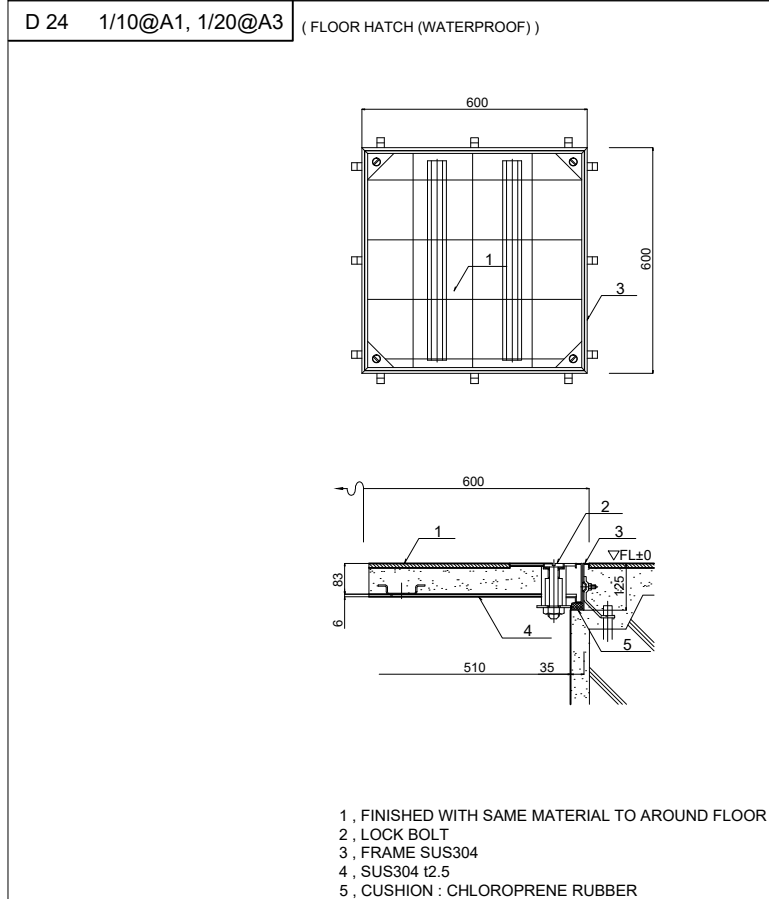
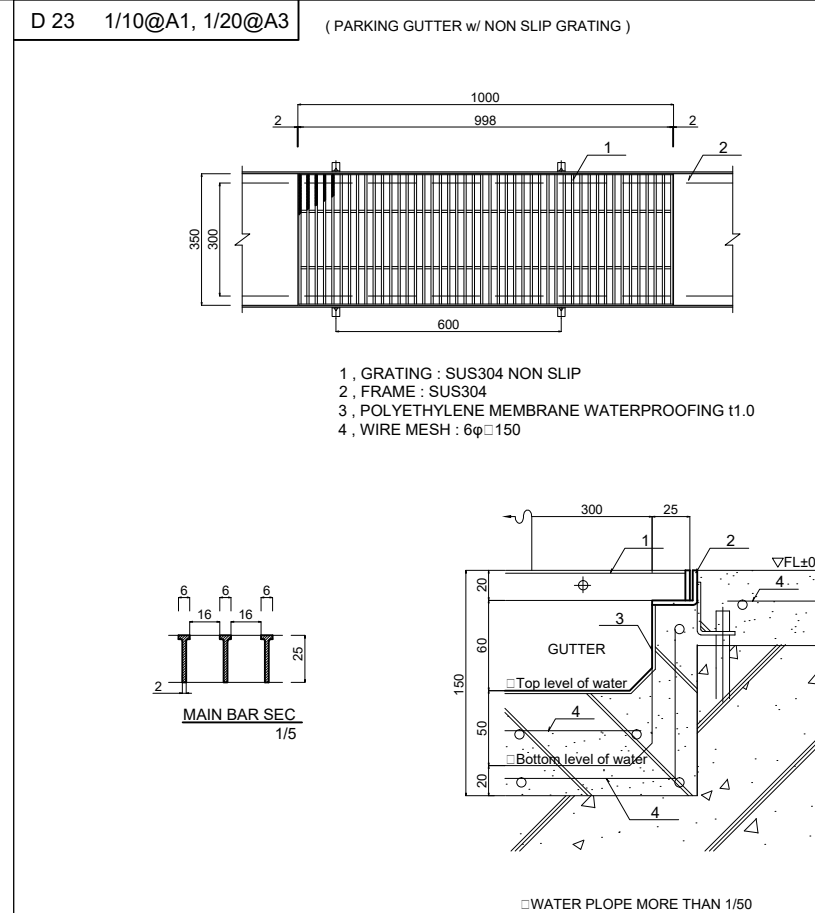
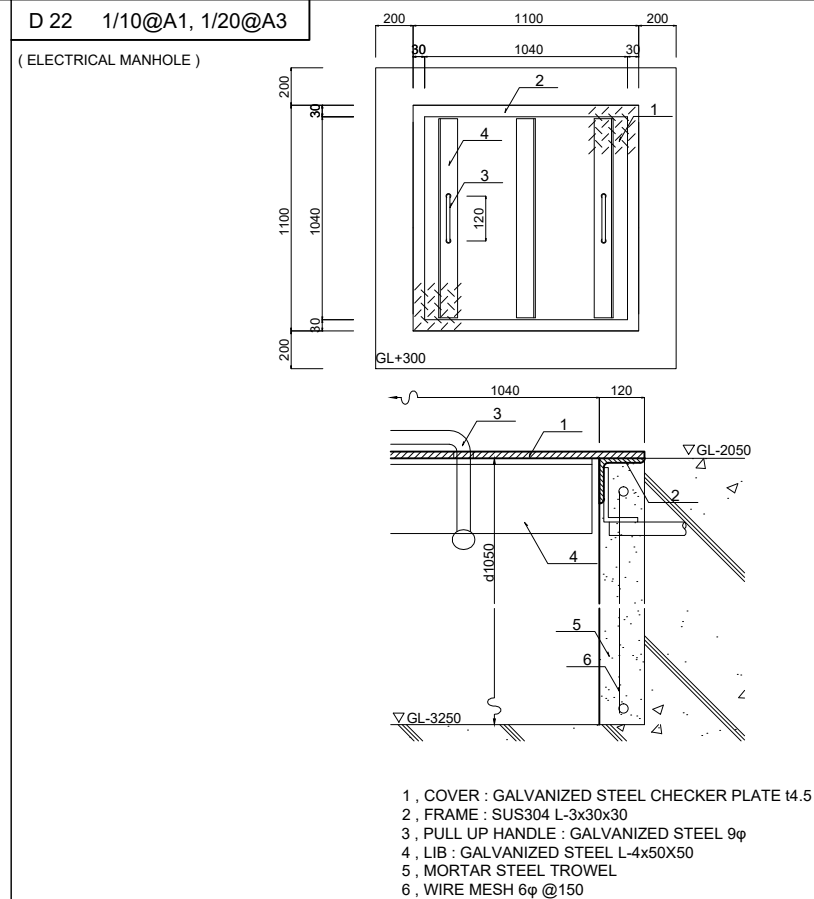
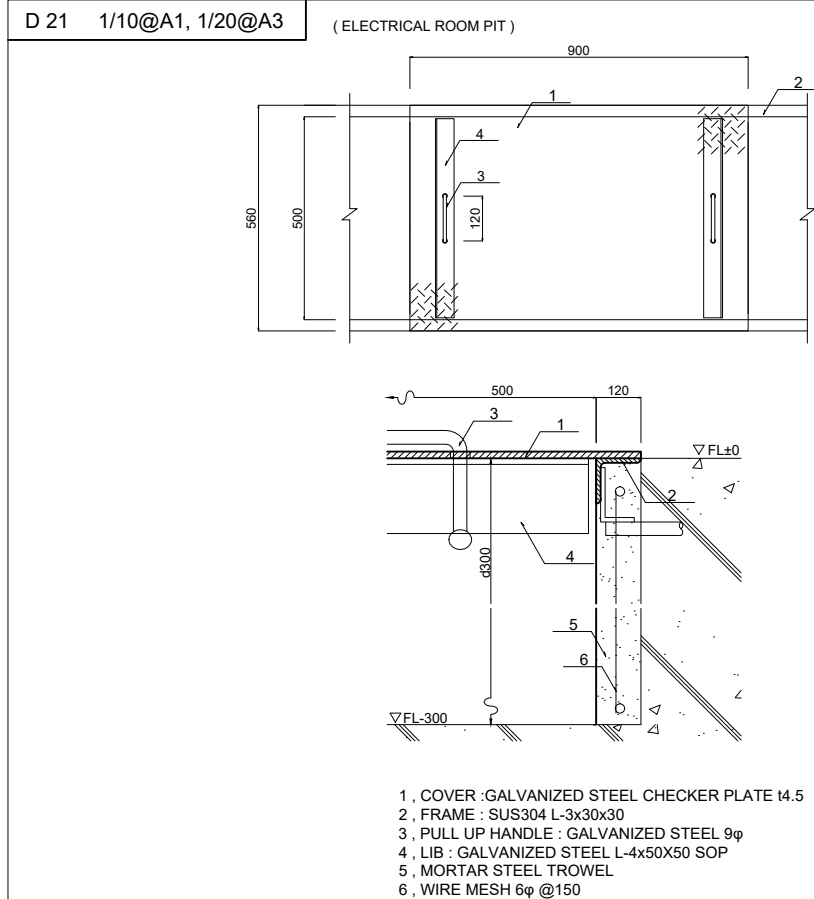
Project
Project for Improvement
of Traffic Control in Kampala City

TITLE:
PARTS DETAILS - 4
(DOORS AND WINDOWS)

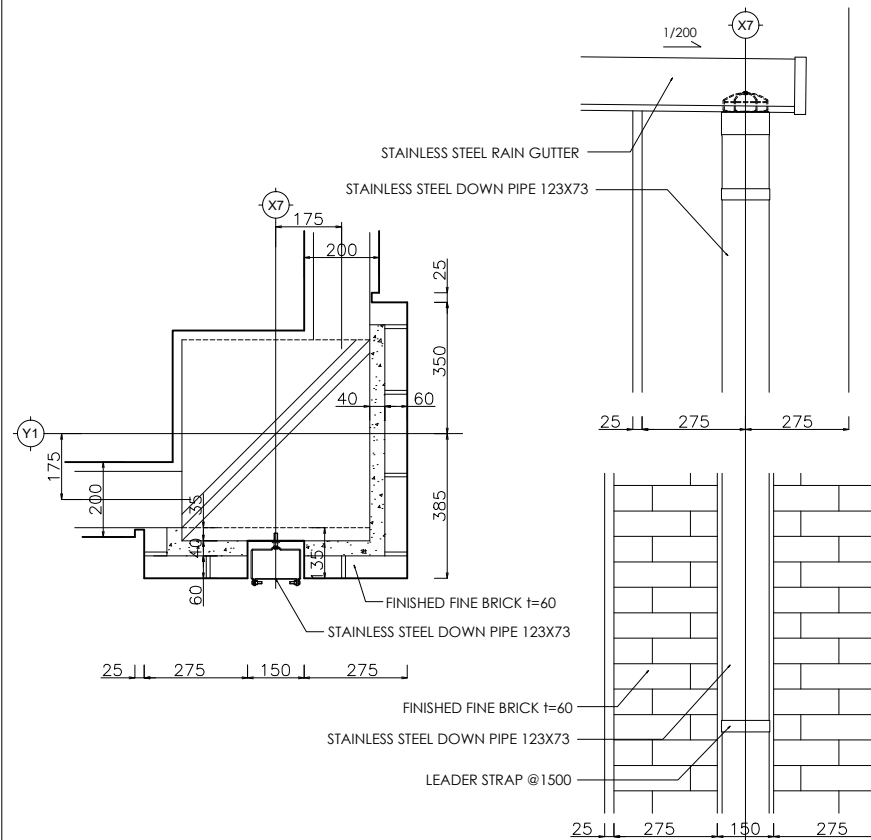
Scale:
1:5, 1:20(A1)
1:10, 1:40(A3)

DESIGNED BY:			
DRAWN BY:			
CHECKED BY:			
APPROVED BY:			
DATE:	OCTOBER, 2017		

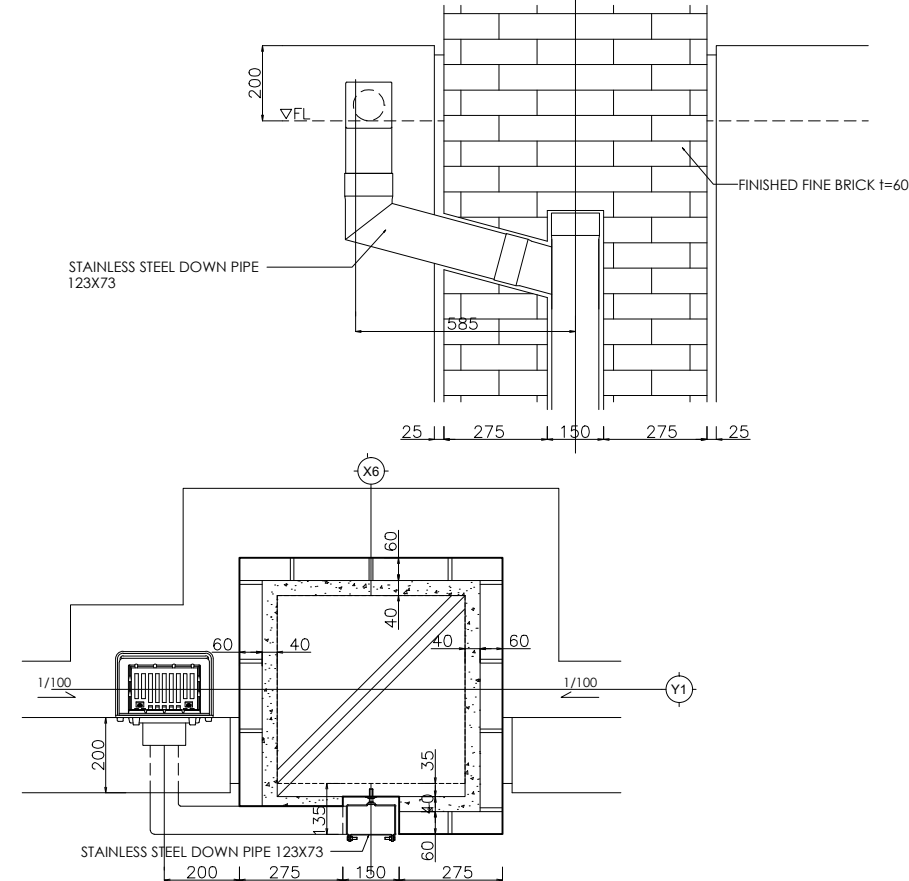
A-084
Drawing No:
SHEET No:



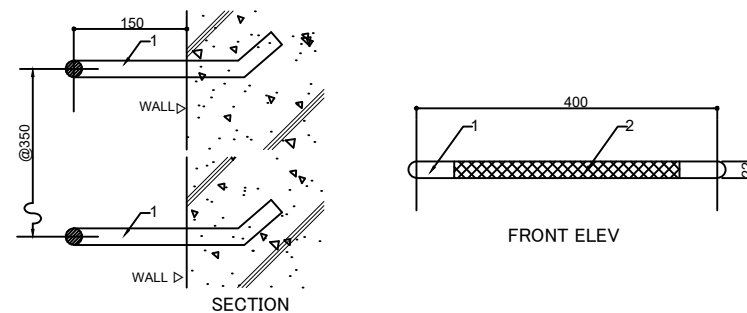
D 27 1/10@A1, 1/20@A3 (DOWN PIPE)



D 28 1/10@A1, 1/20@A3 (DOWN PIPE)

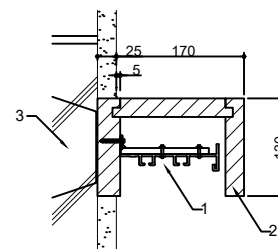


D 29 1/5@A1, 1/10@A3 (LADDER)



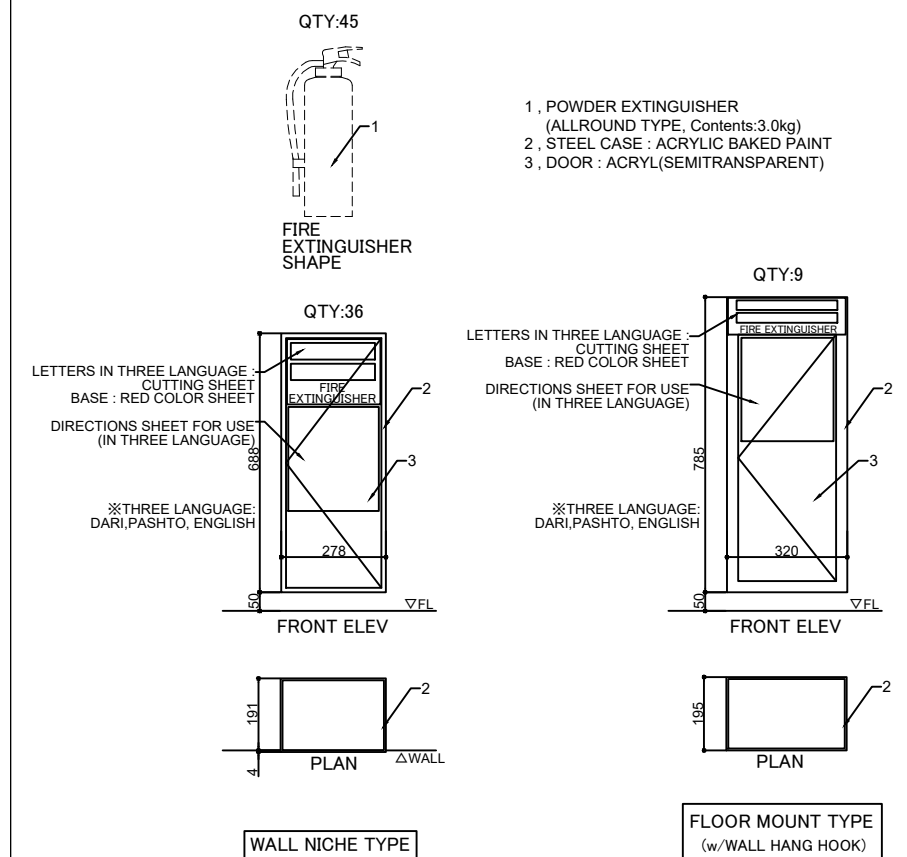
- 1 , SUS 304 22φ(PHEELING FINISH)
2 , KNURLING FINISH AREA

D 30 1/5@A1, 1/10@A3 (CURTAIN BOX)

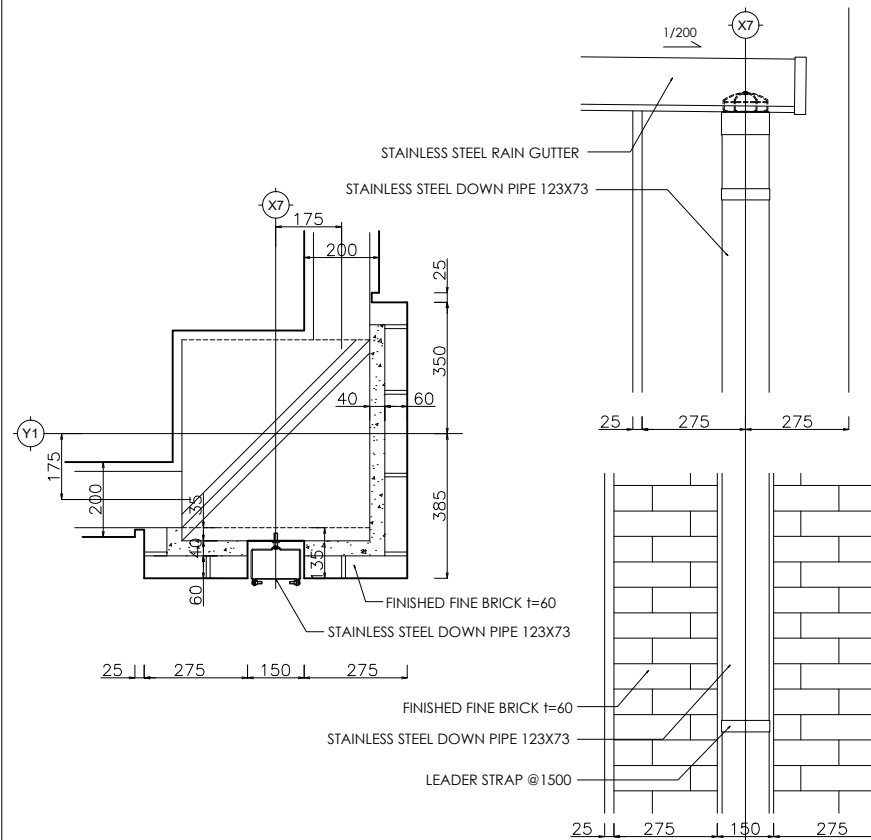


- 1 , CURTAIN RAIL : DOUBLE RAIL SUS304
2 , LAMINATED PLYWOOD
3 , WOOD BRICK @400

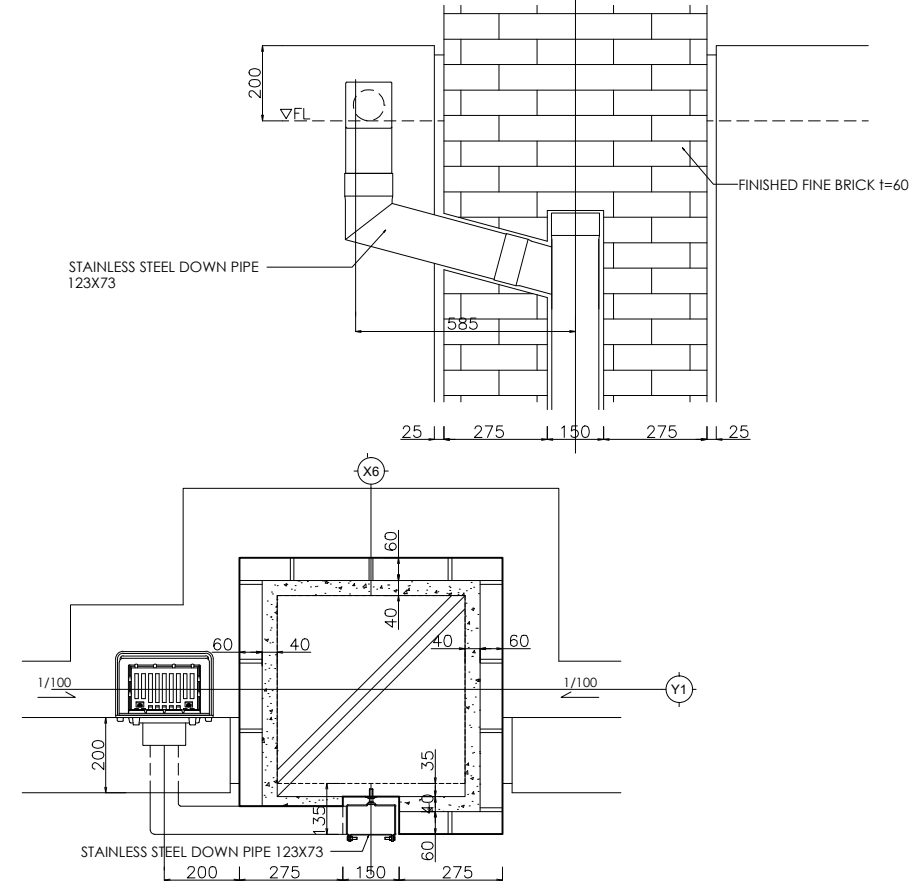
D 31 1/10@A1, 1/20@A3 (FIRE EXTINGUISHER AND CASE)



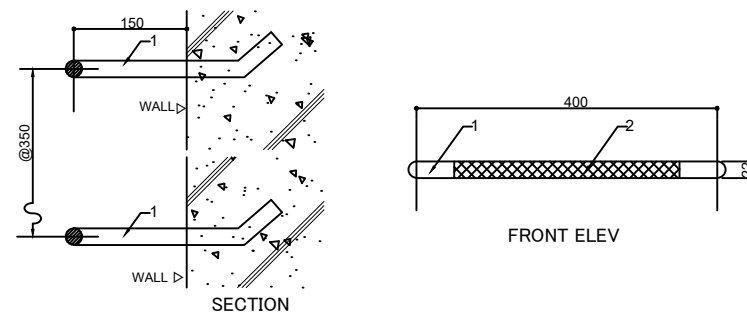
D 27 1/10@A1, 1/20@A3 (DOWN PIPE)



D 28 1/10@A1, 1/20@A3 (DOWN PIPE)

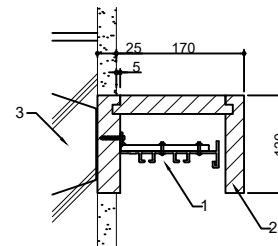


D 29 1/5@A1, 1/10@A3 (LADDER)



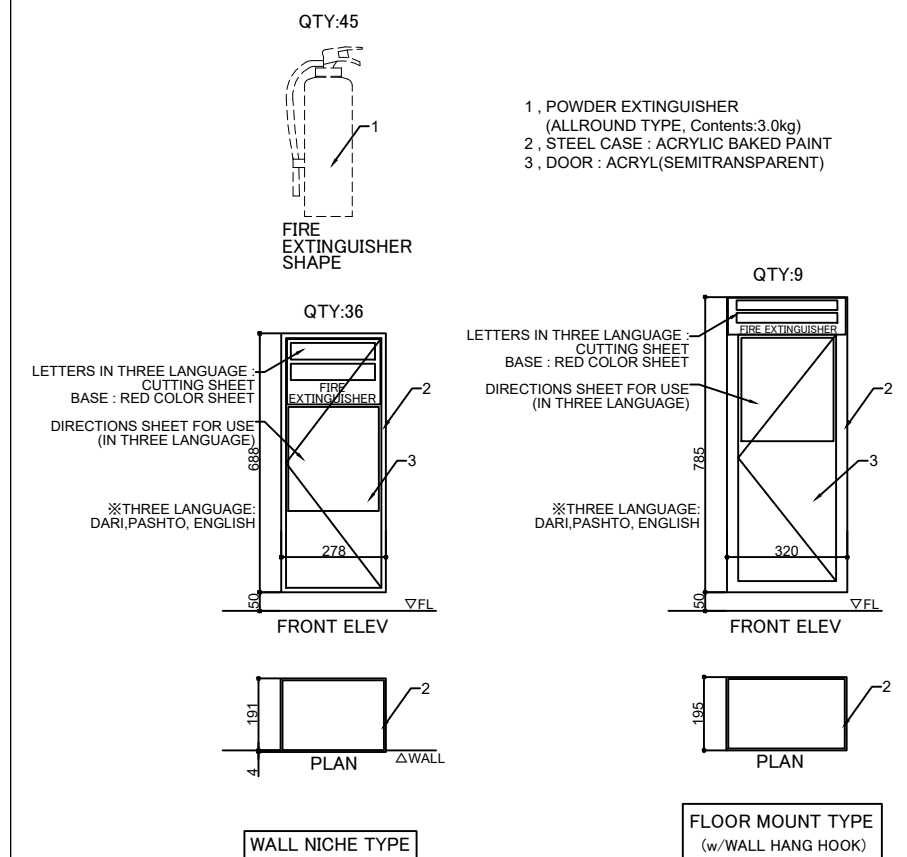
- 1, SUS 304 22φ(PHEELING FINISH)
2, KNURLING FINISH AREA

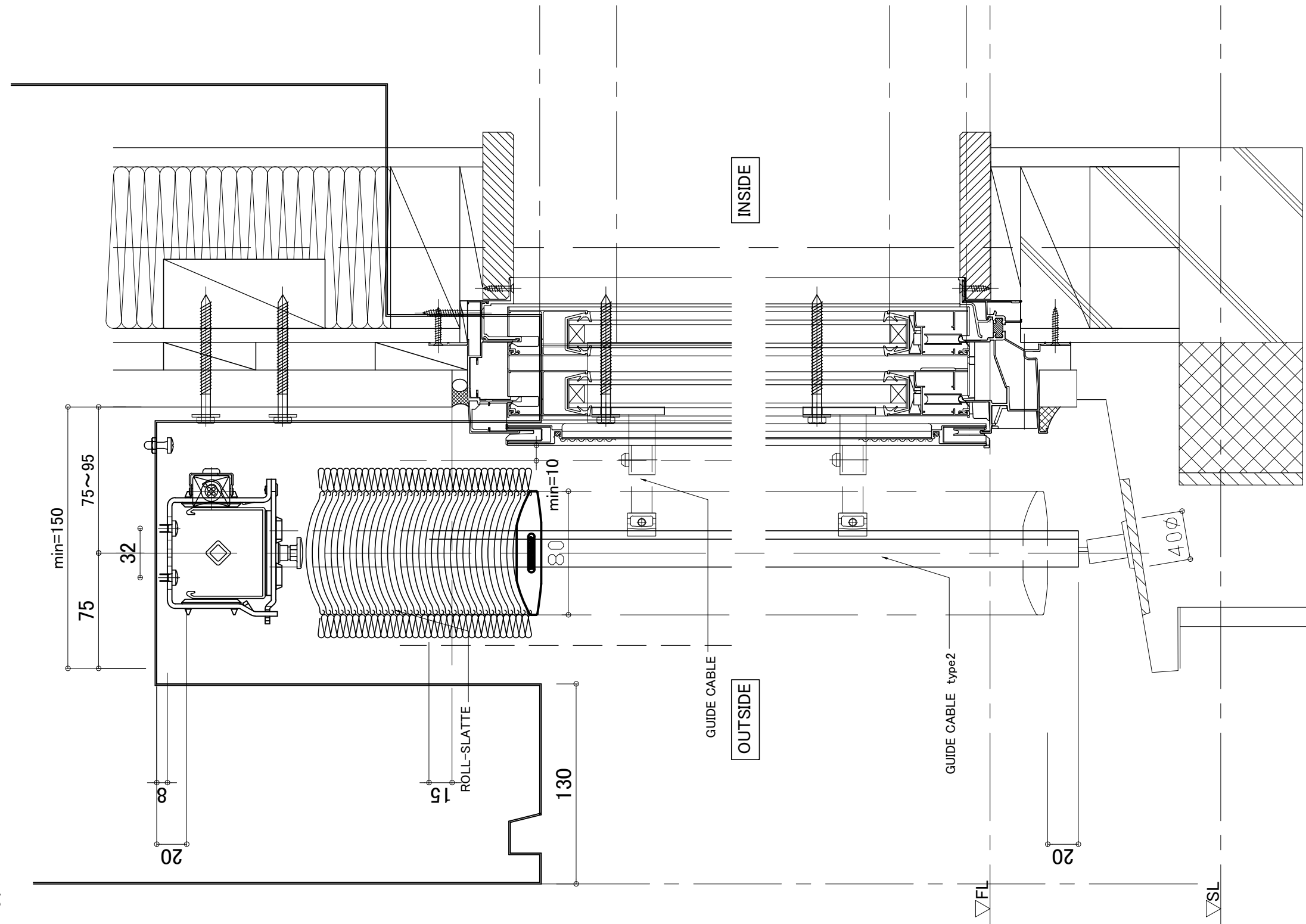
D 30 1/5@A1, 1/10@A3 (CURTAIN BOX)



- 1, CURTAIN RAIL : DOUBLE RAIL SUS304
2, LAMINATED PLYWOOD
3, WOOD BRICK @400

D 31 1/10@A1, 1/20@A3 (FIRE EXTINGUISHER AND CASE)





SITE SIGNAL DEVICE LAYOUT DRAWING LIST

DWG.NO.	TITLE OF DRAWING	SCALE	DWG.NO.	TITLE OF DRAWING	SCALE	DWG.NO.	TITLE OF DRAWING	SCALE
D-000	DRAWING LIST		D-029	NO.188 KAMPALA RD KING GOERGE WAY	1:500			
D-001	NO.1 SPEAR MOTORS	1:500	D-030	NO.121 KAYUNGA RD TUFNELL DRIVE	1:500			
D-002	NO.2 JINJA RD/KATALIMA RD	1:500						
D-003	NO.3 NAKAWA	1:500						
D-004	NO.4 ARCHER RD	1:500						
D-005	NO.5 STATION	1:500						
D-006	NO.6 ENTEBBE	1:500						
D-007	NO.7 SQUARE	1:500						
D-008	NO.7-1 SQUARE-1	1:500						
D-009	NO.8 NASSER RD	1:500						
D-010	NO.10 UMEME HEADQUATER	1:500						
D-011	NO.12 RWENZIORI COURT	1:500						
D-012	NO.14 KINTU RD/SEZIBWA RD	1:500						
D-013	NO.15 GROUND IMPERIAL	1:500						
D-014	NO.17 EQUATORIAL/KYAGGWE RD	1:500						
D-015	NO.18 KYAGGWE RD/LUMUMBA AVE	1:500						
D-016	NO.19 NAKASERO RD/ KYAGGWE RD	1:500						
D-017	NO.20 NIGERIAN EMBASSY/NAKASERO RD	1:500						
D-018	NO.21 QUEEN'S LN/BOMBO RD	1:500						
D-019	NO.22 KUBIRI	1:500						
D-020	NO.23 MORTUARY	1:500						
D-021	NO.24 MULAGO ROUNDABOUT	1:500						
D-022	NO.25 KAMPALA RD - DASTUR STREET	1:500						
D-023	NO.26 KAMPALA RD - SQUARE 2	1:500						
D-024	NO.26-1 SQUARE 2-1	1:500						
D-025	NO.27 KYAGWE RD - BUGANDA RD	1:500						
D-026	NO.37 WANDEGEYA	1:500						
D-027	NO.79 KAMPALA ROAD SPEKE RD	1:500						
D-028	NO.115 KIRA RD/ACACIA AVE	1:500						

Legend

- Lead-in Ploe
- ⊠

Traffic Signal Controller SC
- ⊞

Distribution Panel DP
- SIGNAL POLE 8m SPx
(Vehicle Signal)(Standard Diamert)
- ⊗

SIGNAL POLE 8m SPx
(Vehicle Signal)(Large Diamert)
- ⊙

SIGNAL POLE 11m SPx
(Vehicle Signal)
- ⊕

SIGNAL POLE PPx
(Pedestrian Signal)
- ⊗

SIGNAL POLE φ190-8m DPx
(for Ultrasonic Vehicle Detector)
- ⊠

Hand Hole(Shallow type) Hx
- ⊠

Hand Hole(Deep type) Hx

⊠

Pedestrian Signal Light Px

[]

under Vehicle Road Part
Conduit Pipe Culvert Type B 250(PCB250)
with spare conduit pipe

▭

Push-button Box PBx

▴

Ultrasonic Vehicle Detector Det x

⊠

Image Processing Vehicle Detector Dx

▣

Detector Body

➡

Vehicle Signal Light Cx

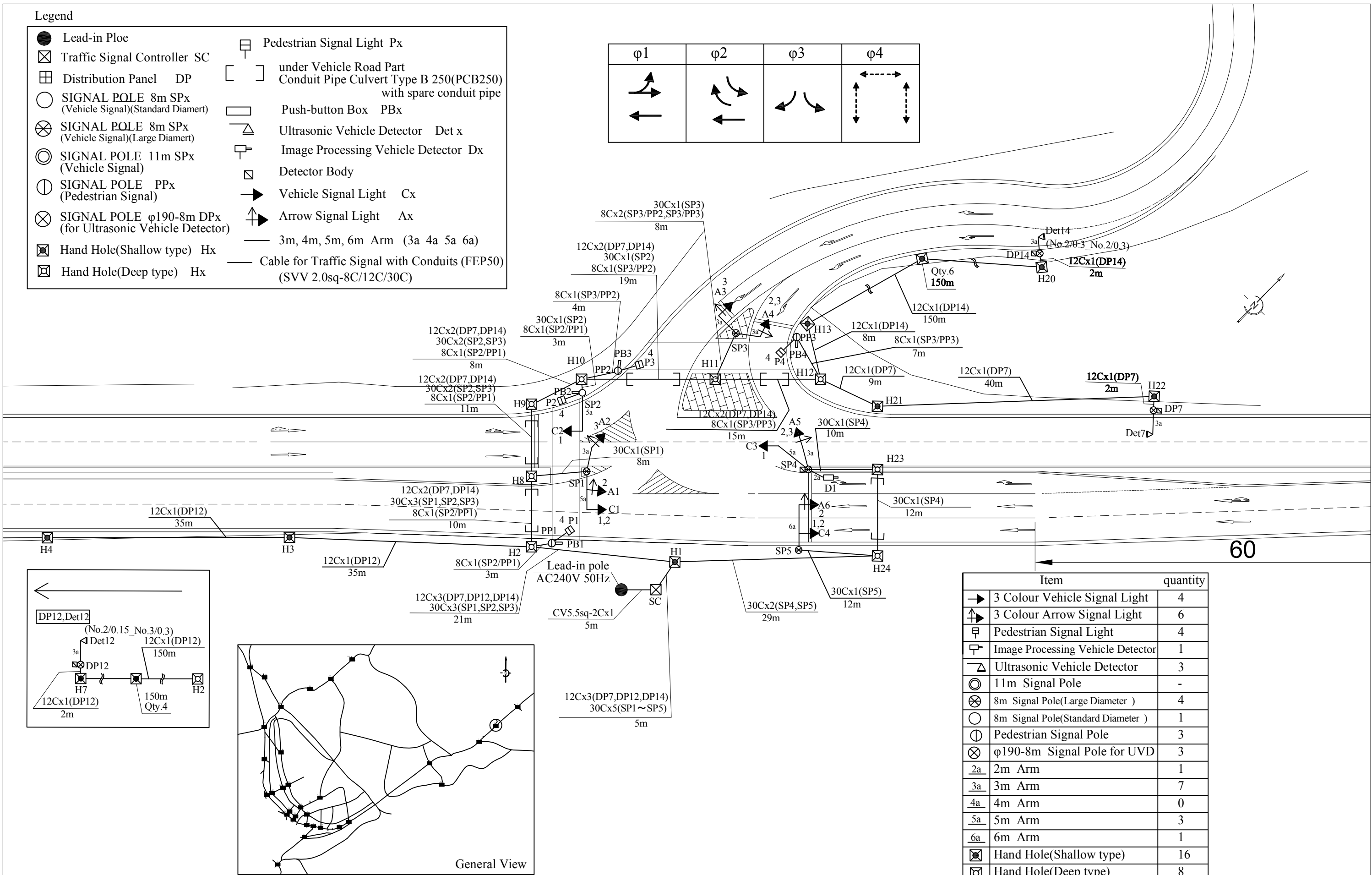
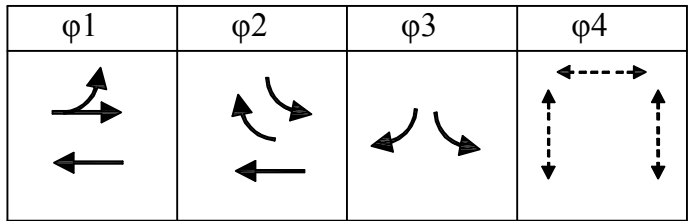
➡

Arrow Signal Light Ax

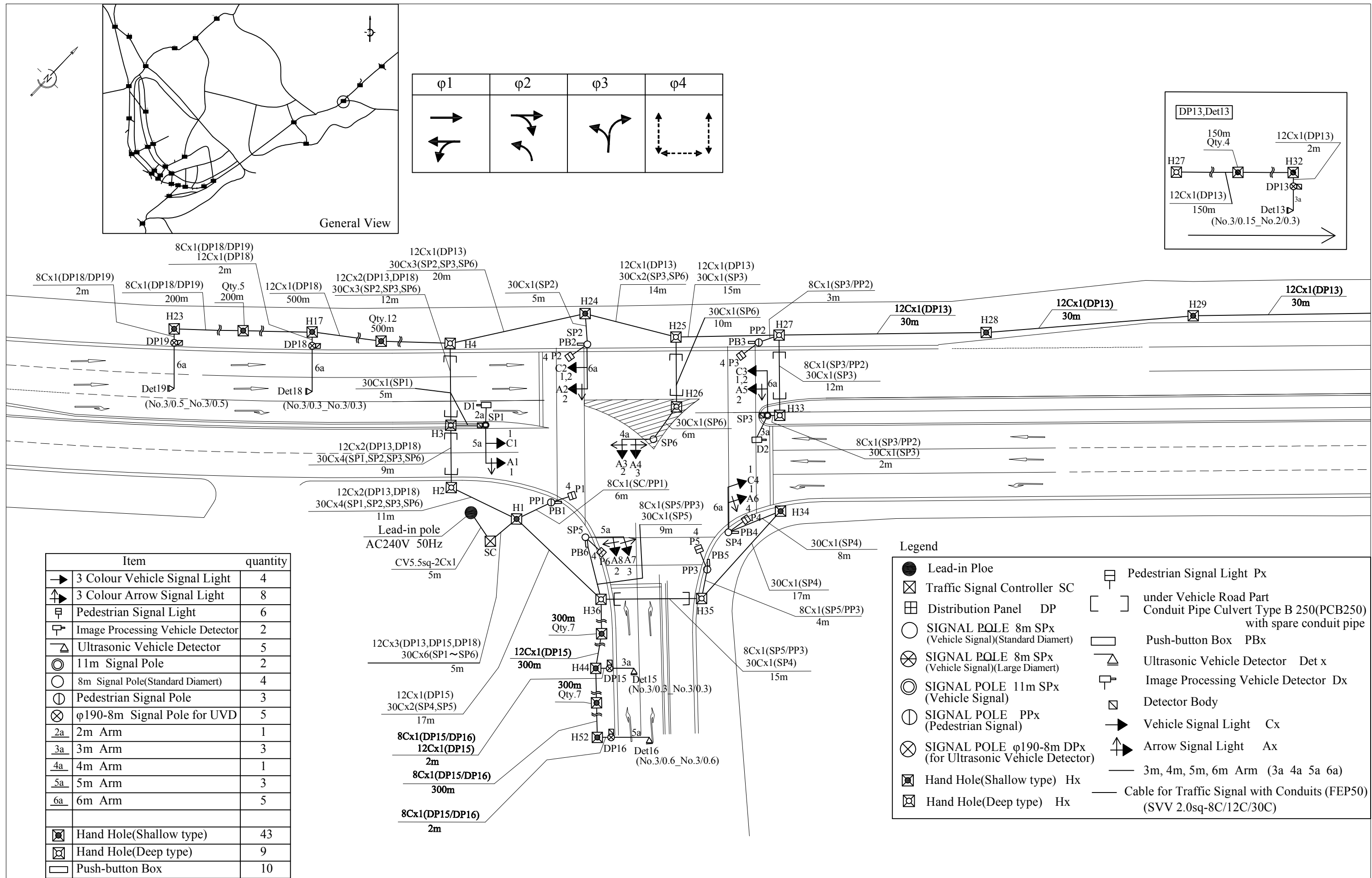
—

3m, 4m, 5m, 6m Arm (3a 4a 5a 6a)

—

Cable for Traffic Signal with Conduits (FEP50)
(SVV 2.0sq-8C/12C/30C)

Item		quantity
➡	3 Colour Vehicle Signal Light	4
➡	3 Colour Arrow Signal Light	6
⊠	Pedestrian Signal Light	4
⊠	Image Processing Vehicle Detector	1
▴	Ultrasonic Vehicle Detector	3
⊙	11m Signal Pole	-
⊗	8m Signal Pole(Large Diameter)	4
○	8m Signal Pole(Standard Diameter)	1
⊕	Pedestrian Signal Pole	3
⊗	φ190-8m Signal Pole for UVD	3
2a	2m Arm	1
3a	3m Arm	7
4a	4m Arm	0
5a	5m Arm	3
6a	6m Arm	1
⊠	Hand Hole(Shallow type)	16
⊠	Hand Hole(Deep type)	8
▭	Push-button Box	4



Legend

- Lead-in Ploe

⊠

Traffic Signal Controller SC

⊞

Distribution Panel DP

○

SIGNAL POLE 8m SPx
(Vehicle Signal)(Standard Diamert)

⊗

SIGNAL POLE 8m SPx
(Vehicle Signal)(Large Diamert)

⊙

SIGNAL POLE 11m SPx
(Vehicle Signal)

⊕

SIGNAL POLE PPx
(Pedestrian Signal)

⊗

SIGNAL POLE φ190-8m DPx
(for Ultrasonic Vehicle Detector)

⊠

Hand Hole(Shallow type) Hx

⊠

Hand Hole(Deep type) Hx
- ⊞

under Vehicle Road Part
Conduit Pipe Culvert Type B 250(PCB250)
with spare conduit pipe

▭

Push-button Box PBx

▴

Ultrasonic Vehicle Detector Det x

⊞

Image Processing Vehicle Detector Dx

▭

Detector Body

➡

Vehicle Signal Light Cx

➡

Arrow Signal Light Ax

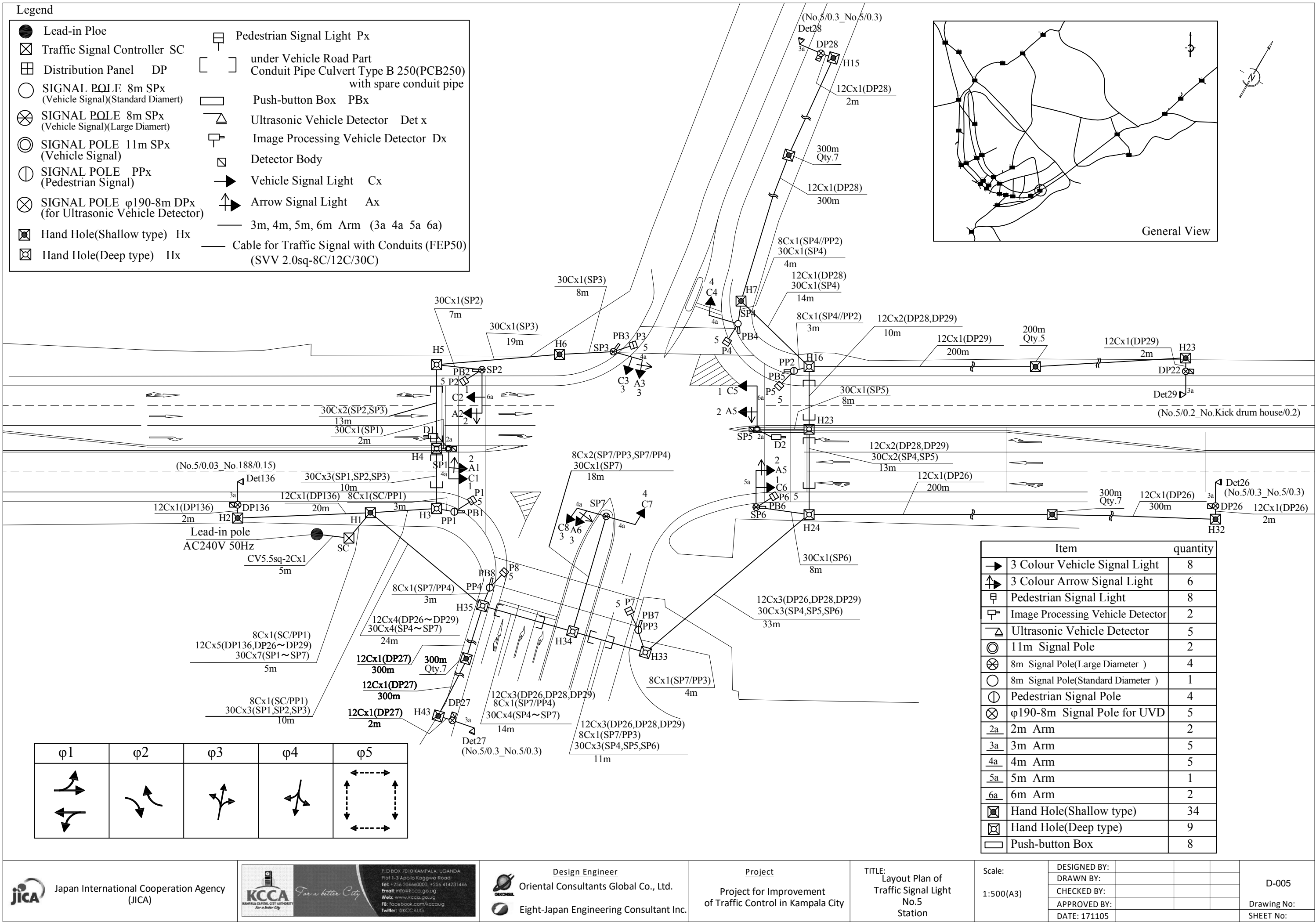
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3m, 4m, 5m, 6m Arm (3a 4a 5a 6a)

—

Cable for Traffic Signal with Conduits (FEP50)
(SVV 2.0sq-8C/12C/30C)
- ⊞

Pedestrian Signal Light Px



Item		quantity
➡	3 Colour Vehicle Signal Light	8
➡	3 Colour Arrow Signal Light	6
⊞	Pedestrian Signal Light	8
⊞	Image Processing Vehicle Detector	2
▴	Ultrasonic Vehicle Detector	5
⊙	11m Signal Pole	2
⊗	8m Signal Pole(Large Diameter)	4
○	8m Signal Pole(Standard Diameter)	1
⊕	Pedestrian Signal Pole	4
⊗	φ190-8m Signal Pole for UVD	5
2a	2m Arm	2
3a	3m Arm	5
4a	4m Arm	5
5a	5m Arm	1
6a	6m Arm	2
⊠	Hand Hole(Shallow type)	34
⊠	Hand Hole(Deep type)	9
▭	Push-button Box	8



Japan International Cooperation Agency
(JICA)



KCCA
KAMPALA CAPITAL CITY AUTHORITY
For a better City



Design Engineer
Oriental Consultants Global Co., Ltd.
Eight-Japan Engineering Consultant Inc.

Project
Project for Improvement
of Traffic Control in Kampala City

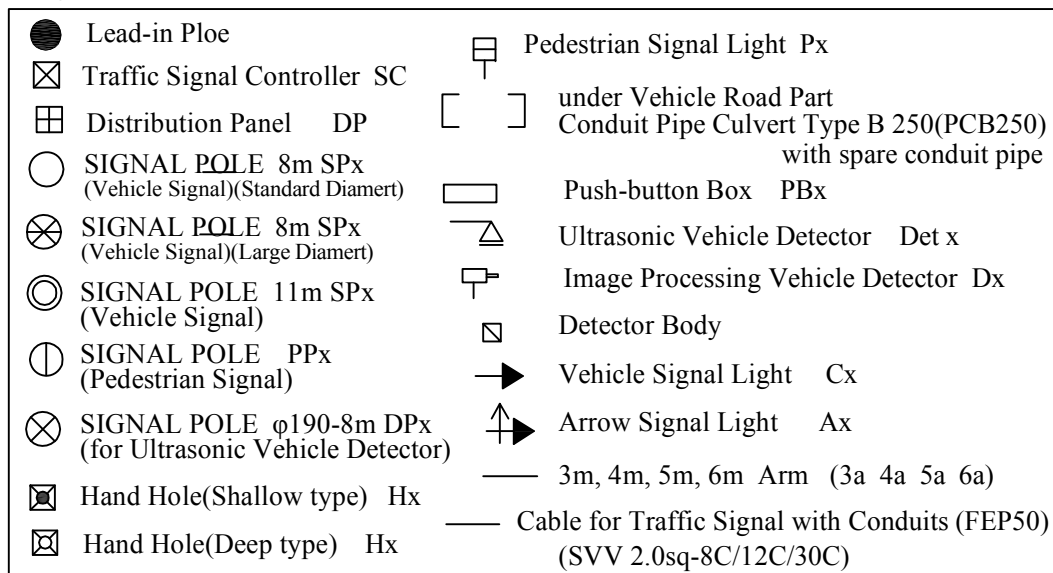
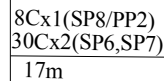
TITLE:
Layout Plan of
Traffic Signal Light
No.5
Station

Scale:
1:500(A3)

DESIGNED BY:			
DRAWN BY:			
CHECKED BY:			
APPROVED BY:			
DATE: 171105			

D-005
Drawing No:
SHEET No:

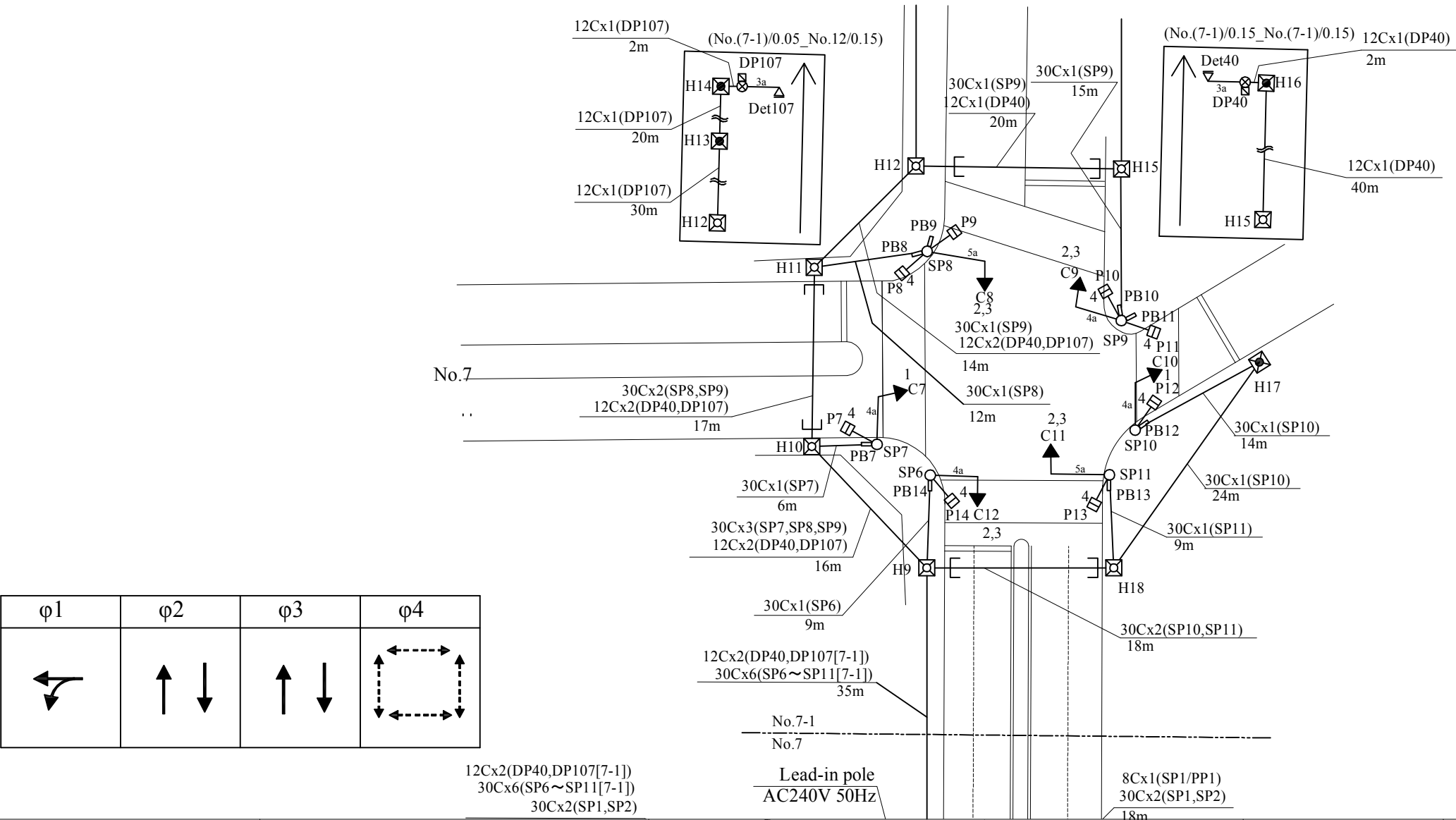
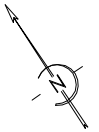
SP11, SP12)



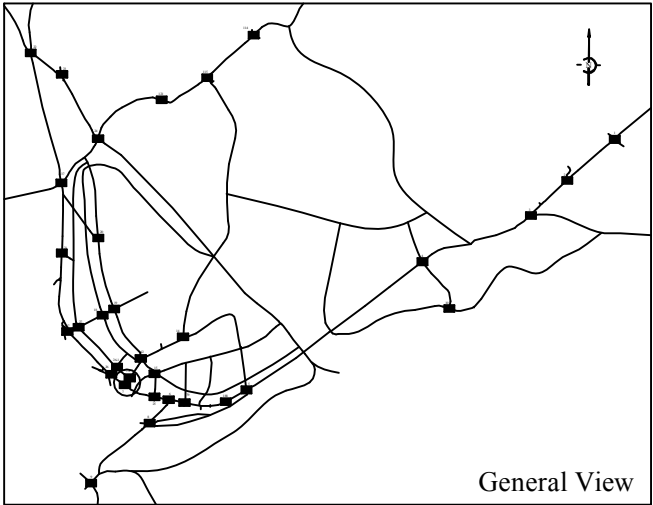
Legend

●	Lead-in Ploe	□	Pedestrian Signal Light Px
⊠	Traffic Signal Controller SC	□	under Vehicle Road Part
⊞	Distribution Panel DP	□	Conduit Pipe Culvert Type B 250(PCB250) with spare conduit pipe
○	SIGNAL POLE 8m SPx (Vehicle Signal)(Standard Diamert)	□	Push-button Box PBx
⊗	SIGNAL POLE 8m SPx (Vehicle Signal)(Large Diamert)	△	Ultrasonic Vehicle Detector Det x
⊙	SIGNAL POLE 11m SPx (Vehicle Signal)	□	Image Processing Vehicle Detector Dx
⊕	SIGNAL POLE PPx (Pedestrian Signal)	□	Detector Body
⊗	SIGNAL POLE φ190-8m DPx (for Ultrasonic Vehicle Detector)	→	Vehicle Signal Light Cx
⊠	Hand Hole(Shallow type) Hx	→	Arrow Signal Light Ax
⊠	Hand Hole(Deep type) Hx	—	3m, 4m, 5m, 6m Arm (3a 4a 5a 6a)
		—	Cable for Traffic Signal with Conduits (FEP50) (SVV 2.0sq-8C/12C/30C)

Item		quantity
→	3 Colour Vehicle Signal Light	6
→	3 Colour Arrow Signal Light	-
⊠	Pedestrian Signal Light	8
□	Image Processing Vehicle Detector	-
△	Ultrasonic Vehicle Detector	2
⊙	11m Signal Pole	-
⊗	8m Signal Pole(Large Diameter)	-
○	8m Signal Pole(Standard Diameter)	6
⊕	Pedestrian Signal Pole	-
⊗	φ190-8m Signal Pole for UVD	2
3a	3m Arm	2
4a	4m Arm	4
5a	5m Arm	2
6a	6m Arm	-
⊠	Hand Hole(Shallow type)	4
⊠	Hand Hole(Deep type)	6
□	Push-button Box	8



φ1	φ2	φ3	φ4
↙	↑ ↓	↑ ↓	↻



Legend

- Lead-in Ploe

⊠

Traffic Signal Controller SC

⊞

Distribution Panel DP

○

SIGNAL POLE 8m SPx
(Vehicle Signal)(Standard Diamert)

⊗

SIGNAL POLE 8m SPx
(Vehicle Signal)(Large Diamert)

⊙

SIGNAL POLE 11m SPx
(Vehicle Signal)

⊕

SIGNAL POLE PPx
(Pedestrian Signal)

⊗

SIGNAL POLE φ190-8m DPx
(for Ultrasonic Vehicle Detector)

⊠

Hand Hole(Shallow type) Hx

⊠

Hand Hole(Deep type) Hx
- ⊞

under Vehicle Road Part

Conduit Pipe Culvert Type B 250(PCB250)
with spare conduit pipe

▭

Push-button Box PBx

▱

Ultrasonic Vehicle Detector Det x

⊞

Image Processing Vehicle Detector Dx

▭

Detector Body

➡

Vehicle Signal Light Cx

➡

Arrow Signal Light Ax

—

3m, 4m, 5m, 6m Arm (3a 4a 5a 6a)

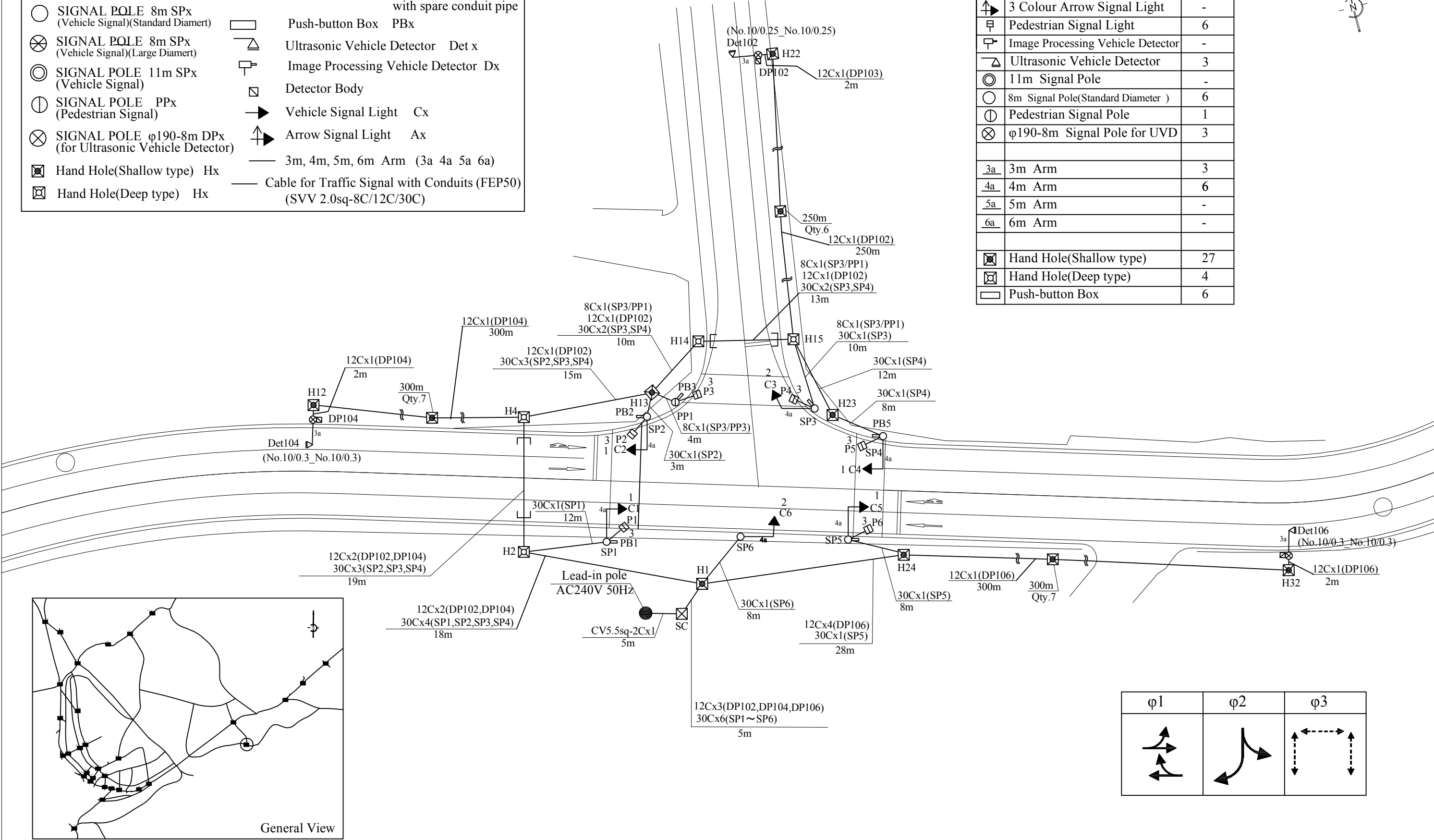
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Cable for Traffic Signal with Conduits (FEP50)
(SVV 2.0sq-8C/12C/30C)

⊞

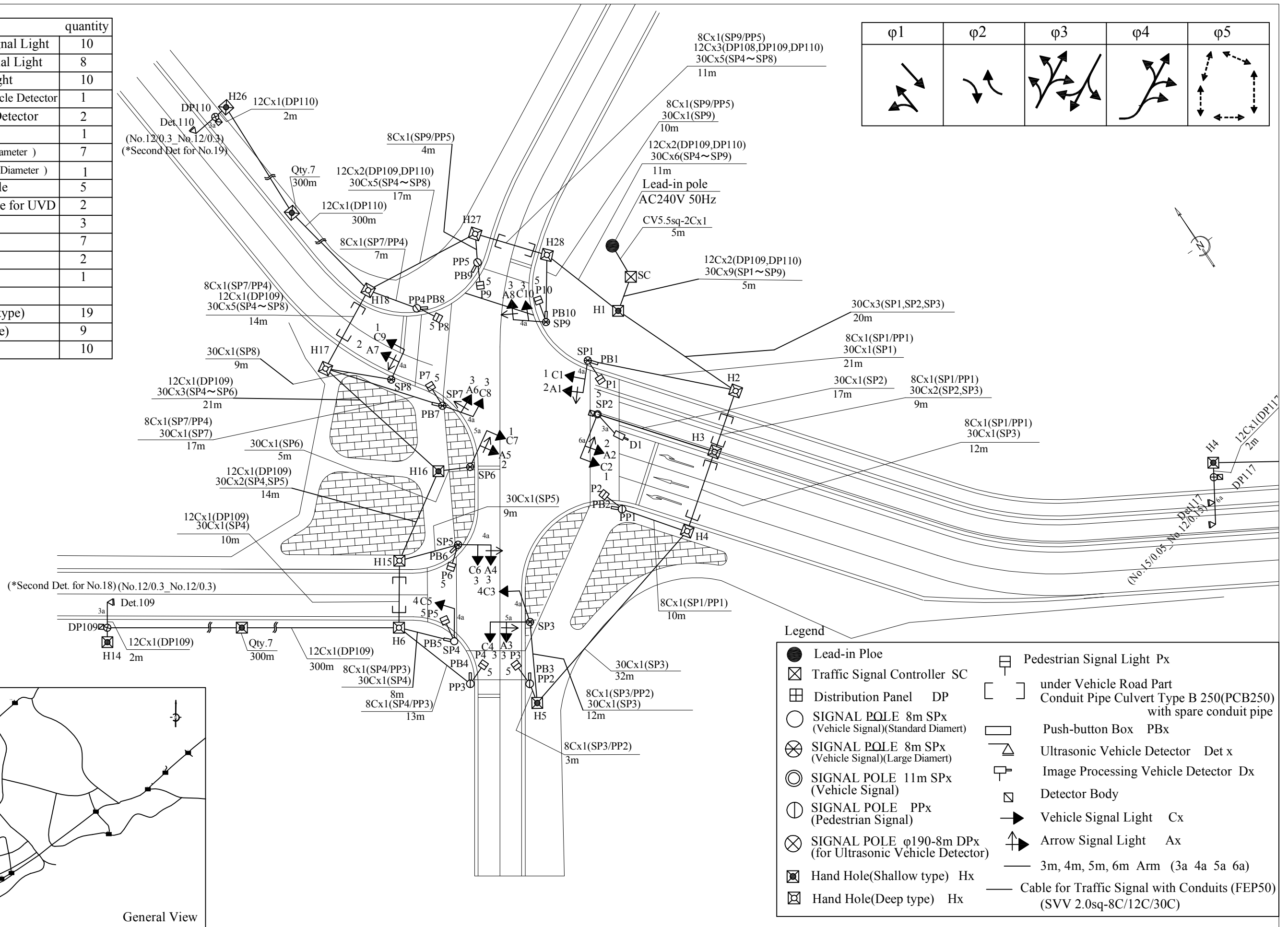
Pedestrian Signal Light Px

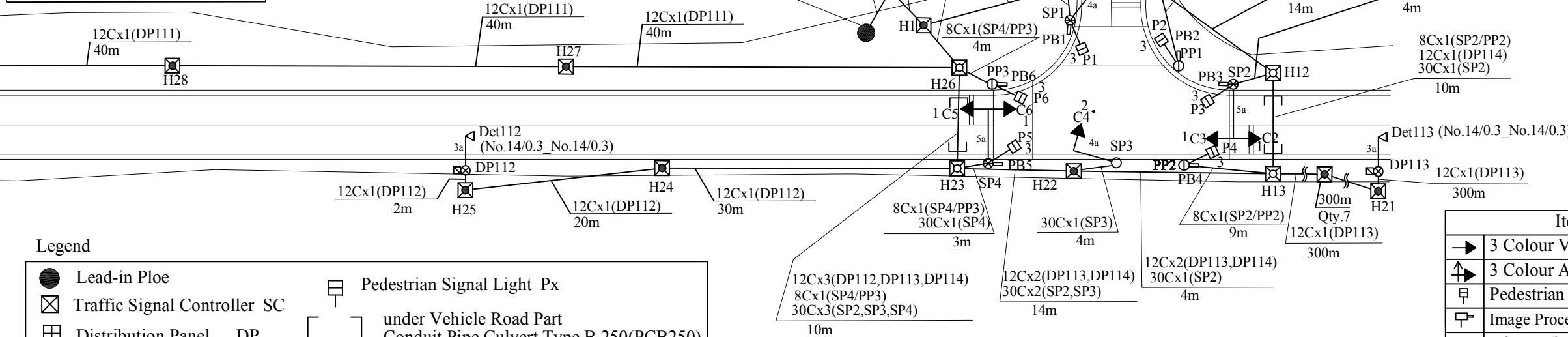
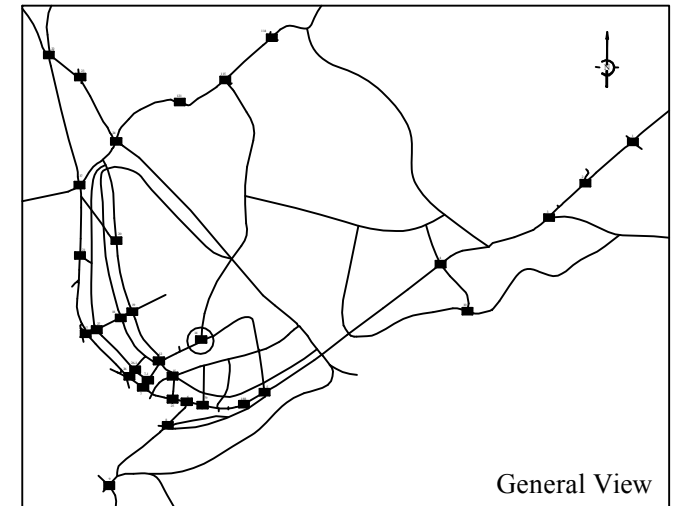
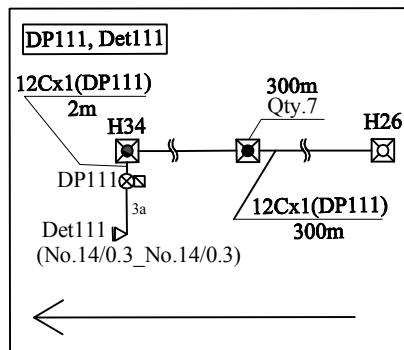
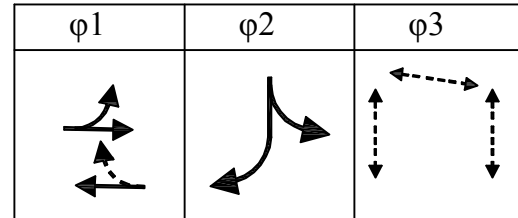
Item		quantity
➡	3 Colour Vehicle Signal Light	6
➡	3 Colour Arrow Signal Light	-
⊞	Pedestrian Signal Light	6
⊞	Image Processing Vehicle Detector	-
▱	Ultrasonic Vehicle Detector	3
⊙	11m Signal Pole	-
○	8m Signal Pole(Standard Diameter)	6
⊕	Pedestrian Signal Pole	1
⊗	φ190-8m Signal Pole for UVD	3
3a	3m Arm	3
4a	4m Arm	6
5a	5m Arm	-
6a	6m Arm	-
⊠	Hand Hole(Shallow type)	27
⊠	Hand Hole(Deep type)	4
▭	Push-button Box	6



φ1	φ2	φ3

Item	quantity
→ 3 Colour Vehicle Signal Light	10
↑ 3 Colour Arrow Signal Light	8
⊠ Pedestrian Signal Light	10
⊠ Image Processing Vehicle Detector	1
⊠ Ultrasonic Vehicle Detector	2
⊙ 11m Signal Pole	1
⊗ 8m Signal Pole(Large Diameter)	7
○ 8m Signal Pole(Standard Diameter)	1
⊕ Pedestrian Signal Pole	5
⊗ φ190-8m Signal Pole for UVD	2
3a 3m Arm	3
4a 4m Arm	7
5a 5m Arm	2
6a 6m Arm	1
⊠ Hand Hole(Shallow type)	19
⊠ Hand Hole(Deep type)	9
□ Push-button Box	10



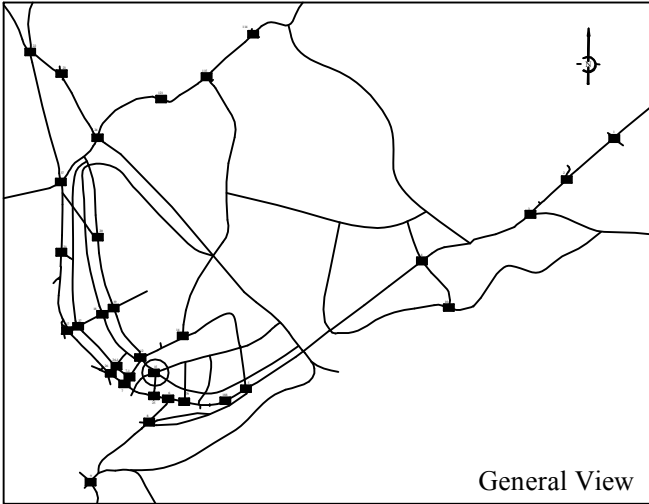
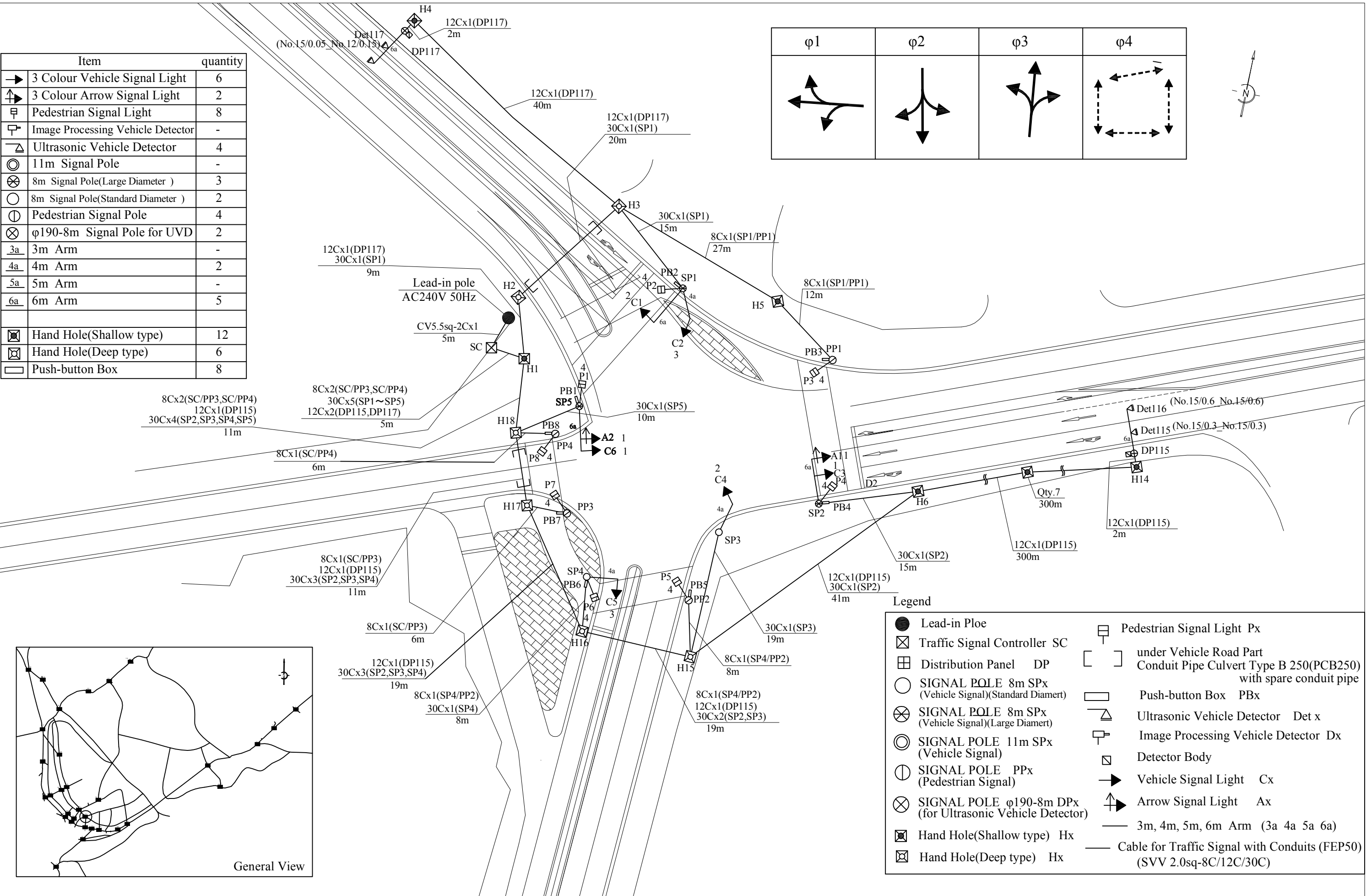


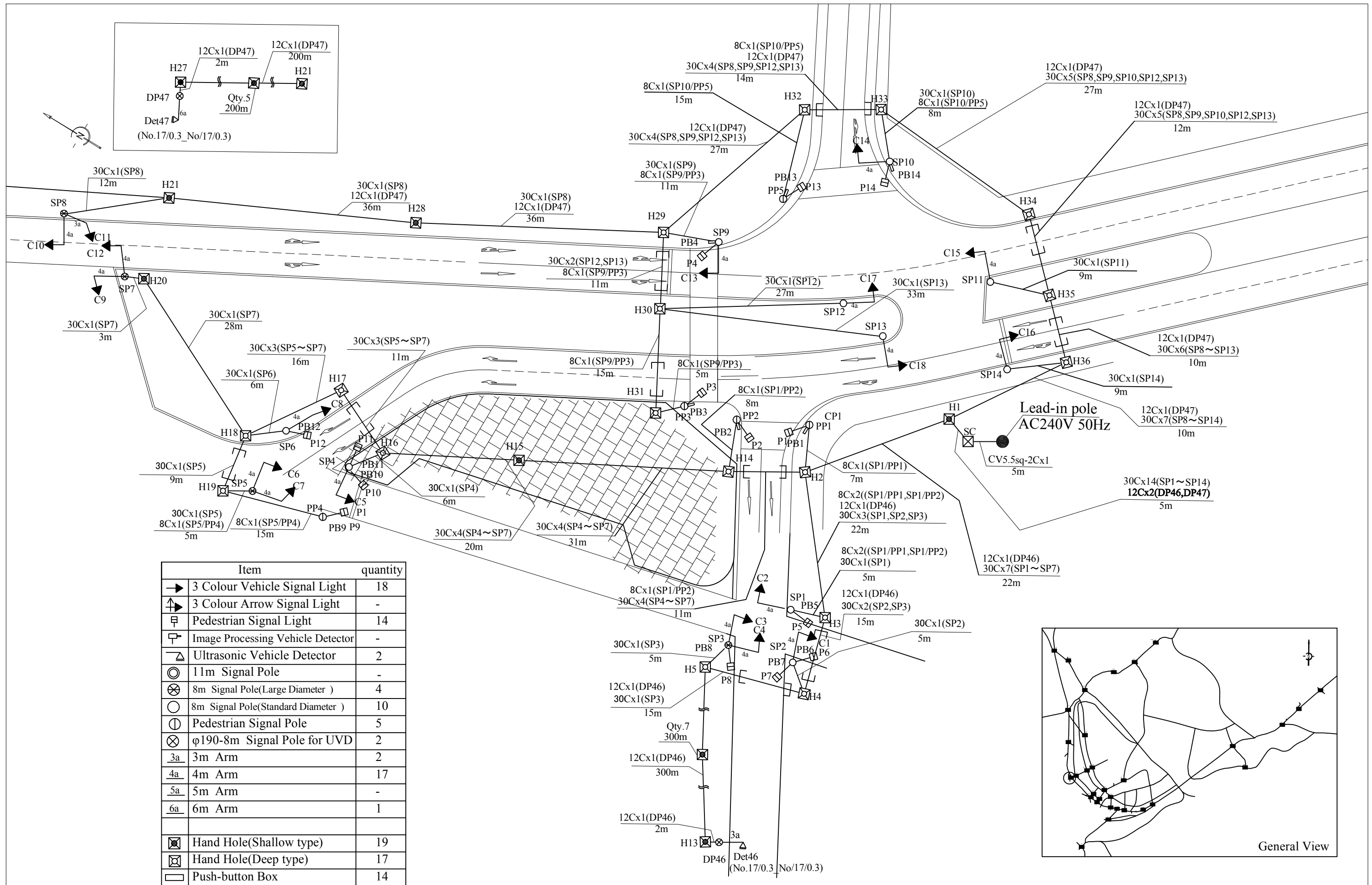
Legend

	Lead-in Pole		Pedestrian Signal Light Px
	Traffic Signal Controller SC		under Vehicle Road Part
	Distribution Panel DP		Conduit Pipe Culvert Type B 250(PCB250) with spare conduit pipe
	SIGNAL POLE 8m SPx (Vehicle Signal)(Standard Diamert)		Push-button Box PBx
	SIGNAL POLE 8m SPx (Vehicle Signal)(Large Diamert)		Ultrasonic Vehicle Detector Det x
	SIGNAL POLE 11m SPx (Vehicle Signal)		Image Processing Vehicle Detector Dx
	SIGNAL POLE PPx (Pedestrian Signal)		Detector Body
	SIGNAL POLE φ190-8m DPx (for Ultrasonic Vehicle Detector)		Vehicle Signal Light Cx
	Hand Hole(Shallow type) Hx		Arrow Signal Light Ax
	Hand Hole(Deep type) Hx		3m, 4m, 5m, 6m Arm (3a 4a 5a 6a)
			Cable for Traffic Signal with Conduits (FEP50) (SVV 2.0sq-8C/12C/30C)

Item	quantity
	3 Colour Vehicle Signal Light 6
	3 Colour Arrow Signal Light -
	Pedestrian Signal Light 6
	Image Processing Vehicle Detector -
	Ultrasonic Vehicle Detector 4
	11m Signal Pole -
	8m Signal Pole(Large Diameter) 3
	8m Signal Pole(Standard Diameter) 1
	Pedestrian Signal Pole 3
	φ190-8m Signal Pole for UVD 4
	3m Arm 4
	4m Arm 2
	5m Arm 2
	6m Arm -
	Hand Hole(Shallow type) 30
	Hand Hole(Deep type) 4
	Push-button Box 6

Item		quantity
→	3 Colour Vehicle Signal Light	6
↑	3 Colour Arrow Signal Light	2
⌘	Pedestrian Signal Light	8
⌘	Image Processing Vehicle Detector	-
△	Ultrasonic Vehicle Detector	4
⊙	11m Signal Pole	-
⊗	8m Signal Pole(Large Diameter)	3
○	8m Signal Pole(Standard Diameter)	2
⊕	Pedestrian Signal Pole	4
⊗	φ190-8m Signal Pole for UVD	2
3a	3m Arm	-
4a	4m Arm	2
5a	5m Arm	-
6a	6m Arm	5
⊠	Hand Hole(Shallow type)	12
⊠	Hand Hole(Deep type)	6
□	Push-button Box	8





Japan International Cooperation Agency
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Design Engineer
Oriental Consultants Global Co., Ltd.
Eight-Japan Engineering Consultant Inc.

Project
Project for Improvement
of Traffic Control in Kampala City

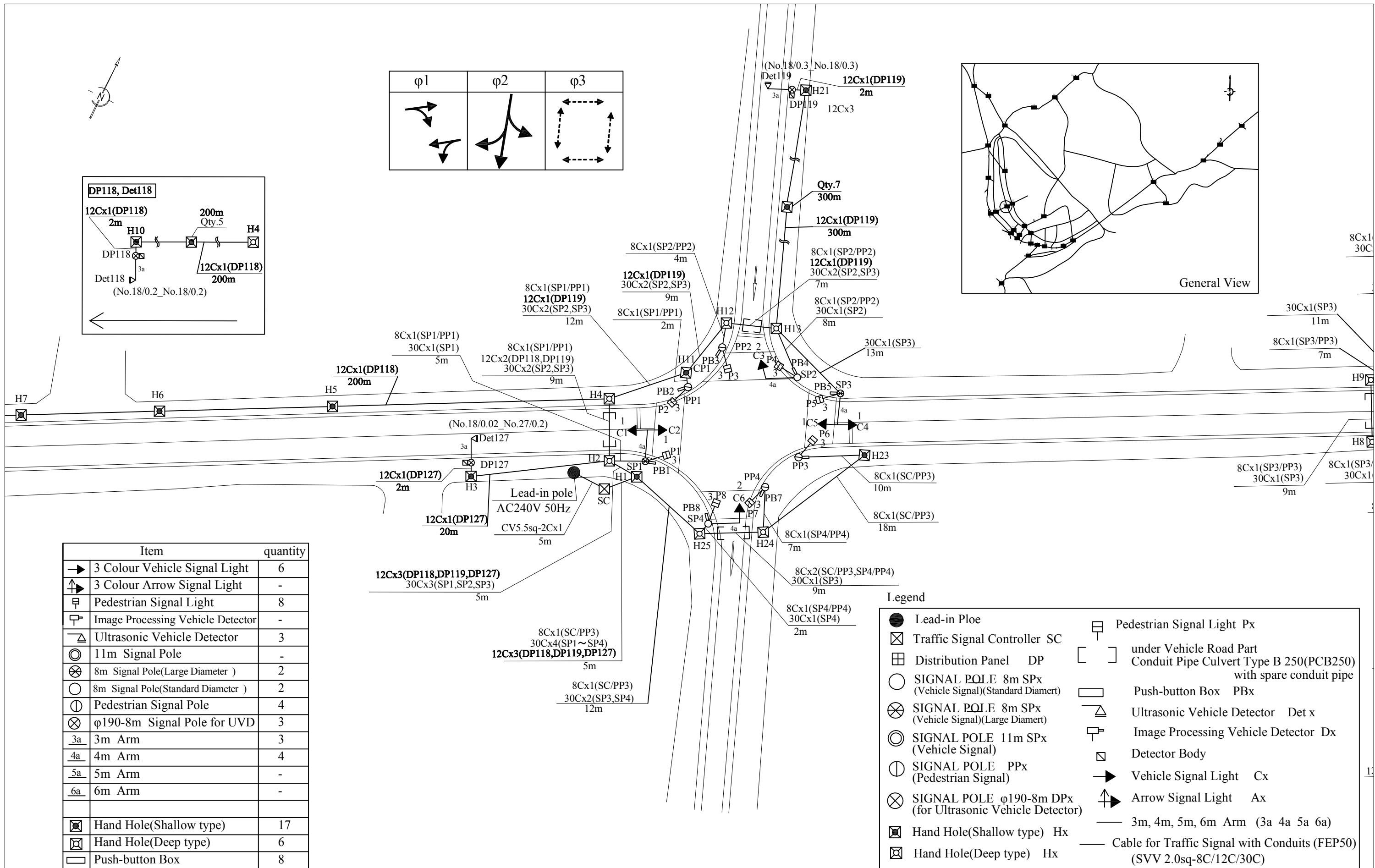
TITLE:
Layout Plan of
Traffic Signal Light
No.17
Equatorial/Kyaggwe Rd

Scale:
1:500(A3)

DESIGNED BY:			
DRAWN BY:			
CHECKED BY:			
APPROVED BY:			
DATE: 171114			

D-014

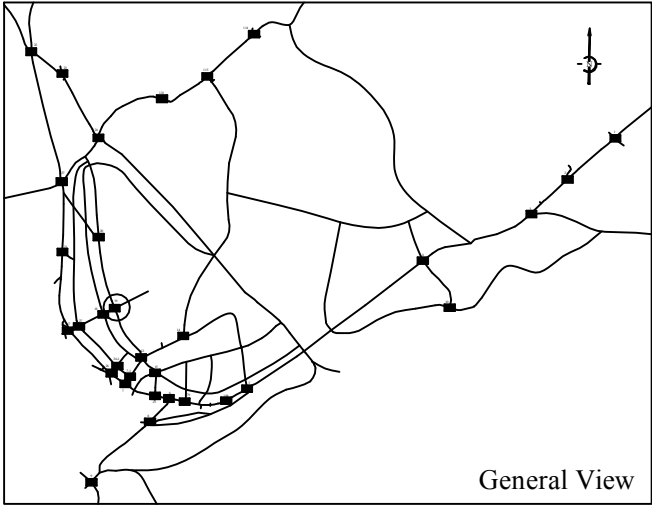
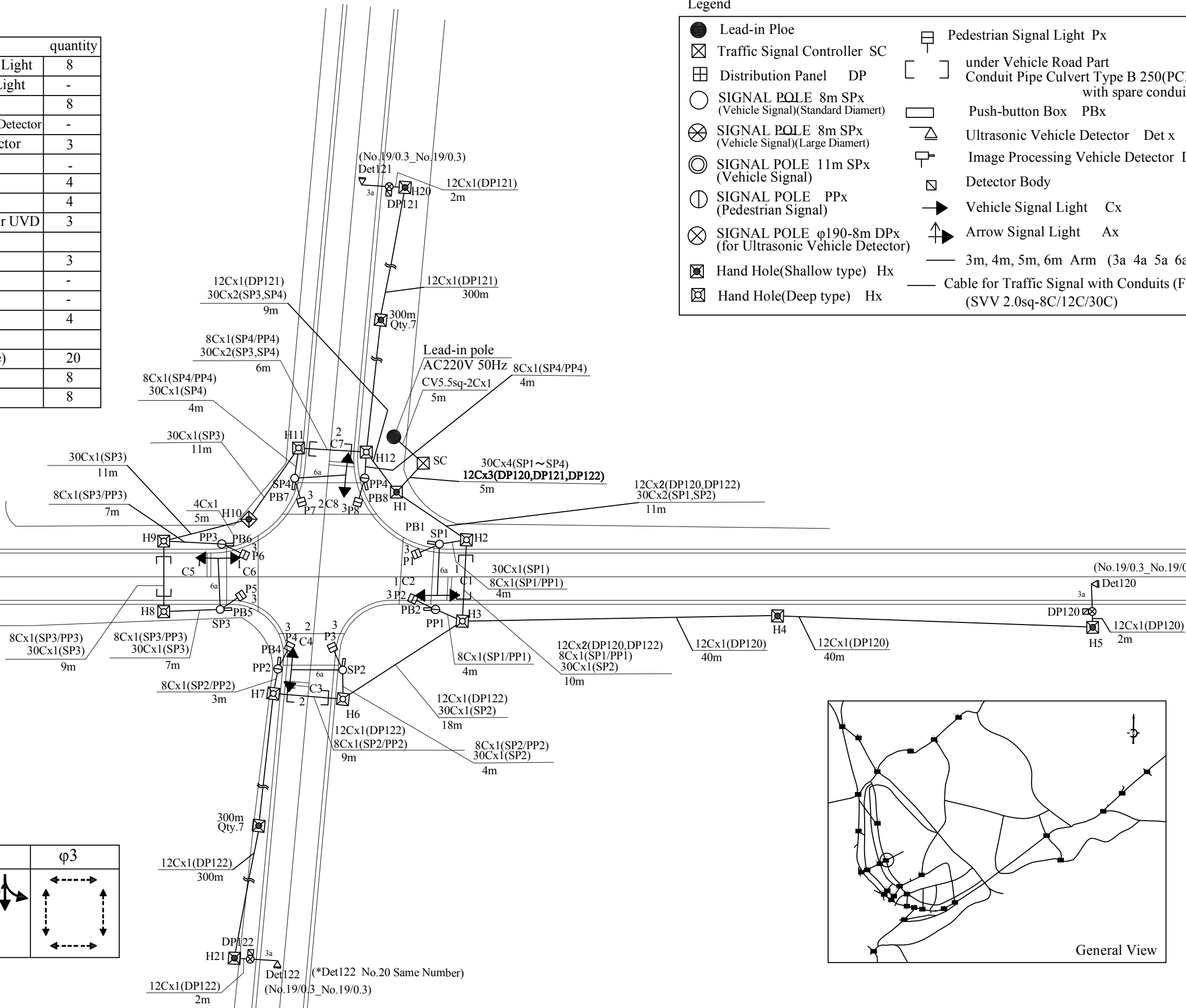
Drawing No:
SHEET No:



Item	quantity
→ 3 Colour Vehicle Signal Light	6
↑ 3 Colour Arrow Signal Light	-
⊠ Pedestrian Signal Light	8
⊠ Image Processing Vehicle Detector	-
⊠ Ultrasonic Vehicle Detector	3
⊙ 11m Signal Pole	-
⊗ 8m Signal Pole(Large Diameter)	2
○ 8m Signal Pole(Standard Diameter)	2
⊙ Pedestrian Signal Pole	4
⊗ ϕ 190-8m Signal Pole for UVD	3
3a 3m Arm	3
4a 4m Arm	4
5a 5m Arm	-
6a 6m Arm	-
⊠ Hand Hole(Shallow type)	17
⊠ Hand Hole(Deep type)	6
⊠ Push-button Box	8

Item	quantity
→ 3 Colour Vehicle Signal Light	8
↑ 3 Colour Arrow Signal Light	-
⊠ Pedestrian Signal Light	8
📷 Image Processing Vehicle Detector	-
△ Ultrasonic Vehicle Detector	3
⊙ 11m Signal Pole	-
○ 8m Signal Pole	4
⊕ Pedestrian Signal Pole	4
⊗ φ190-8m Signal Pole for UVD	3
3a 3m Arm	3
4a 4m Arm	-
5a 5m Arm	-
6a 6m Arm	4
☒ Hand Hole(Shallow type)	20
☒ Hand Hole(Deep type)	8
☐ Push-button Box	8

● Lead-in Ploe	☐ Pedestrian Signal Light Px
☒ Traffic Signal Controller SC	☐ under Vehicle Road Part
☒ Distribution Panel DP	☐ Conduit Pipe Culvert Type B 250(PCB250) with spare conduit pipe
○ SIGNAL POLE 8m SPx (Vehicle Signal)(Standard Diamert)	☐ Push-button Box PBx
⊗ SIGNAL POLE 8m SPx (Vehicle Signal)(Large Diamert)	☐ Ultrasonic Vehicle Detector Det x
⊙ SIGNAL POLE 11m SPx (Vehicle Signal)	☐ Image Processing Vehicle Detector Dx
⊕ SIGNAL POLE PPx (Pedestrian Signal)	☐ Detector Body
⊗ SIGNAL POLE φ190-8m DPx (for Ultrasonic Vehicle Detector)	→ Vehicle Signal Light Cx
☒ Hand Hole(Shallow type) Hx	↑ Arrow Signal Light Ax
☒ Hand Hole(Deep type) Hx	— 3m, 4m, 5m, 6m Arm (3a 4a 5a 6a)
	— Cable for Traffic Signal with Conduits (FEP50) (SVV 2.0sq-8C/12C/30C)



Legend

- Lead-in Ploe

⊠

Traffic Signal Controller SC

⊞

Distribution Panel DP

○

SIGNAL POLE 8m SPx
(Vehicle Signal)(Standard Diamert)

⊗

SIGNAL POLE 8m SPx
(Vehicle Signal)(Large Diamert)

⊙

SIGNAL POLE 11m SPx
(Vehicle Signal)

⊠

SIGNAL POLE PPx
(Pedestrian Signal)

⊗

SIGNAL POLE φ190-8m DPx
(for Ultrasonic Vehicle Detector)

⊠

Hand Hole(Shallow type) Hx

⊠

Hand Hole(Deep type) Hx
- ⊞

under Vehicle Road Part
Conduit Pipe Culvert Type B 250(PCB250)
with spare conduit pipe

▭

Push-button Box PBx

▱

Ultrasonic Vehicle Detector Det x

⊞

Image Processing Vehicle Detector Dx

▭

Detector Body

➡

Vehicle Signal Light Cx

➡

Arrow Signal Light Ax

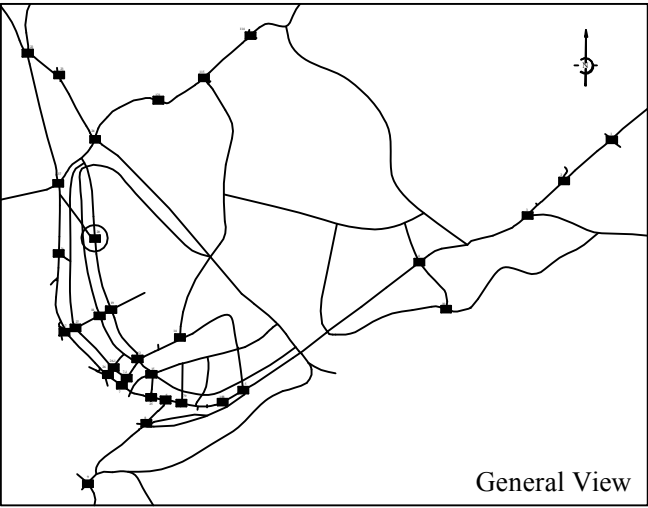
—

3m, 4m, 5m, 6m Arm (3a 4a 5a 6a)

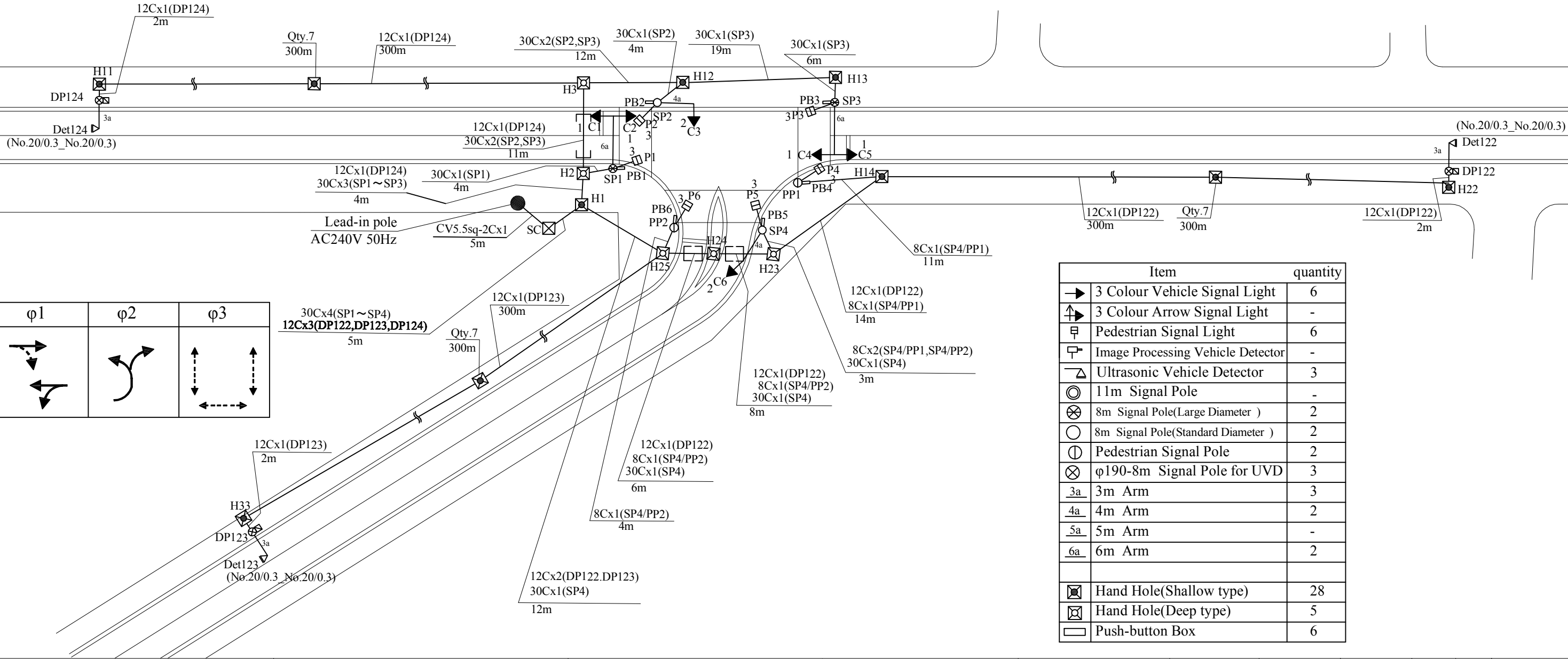
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Cable for Traffic Signal with Conduits (FEP50)
(SVV 2.0sq-8C/12C/30C)
- ⊞

Pedestrian Signal Light Px



General View

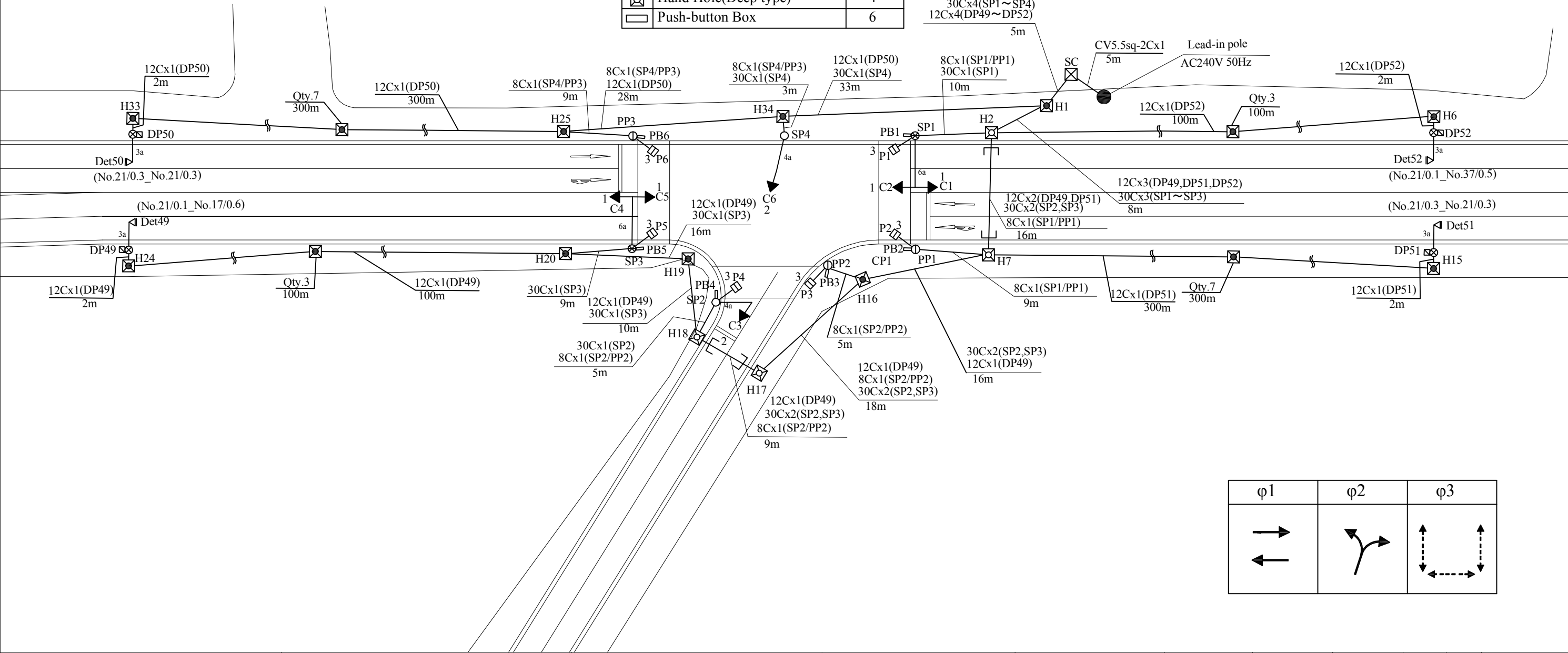
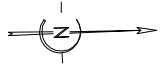
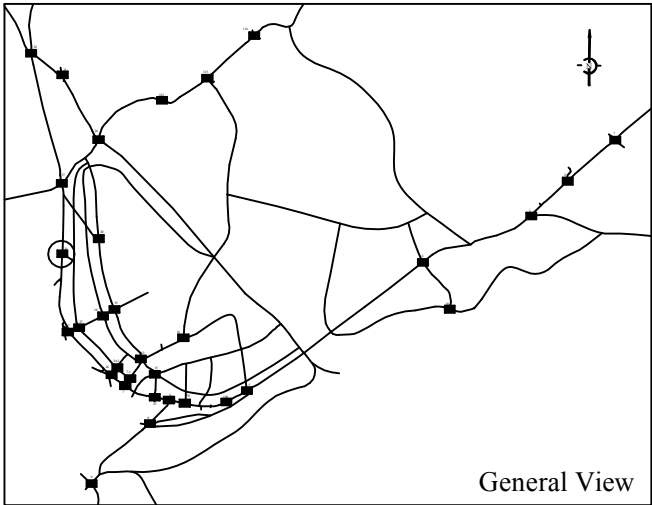


Item	quantity
➡ 3 Colour Vehicle Signal Light	6
➡ 3 Colour Arrow Signal Light	-
⊞ Pedestrian Signal Light	6
⊞ Image Processing Vehicle Detector	-
▱ Ultrasonic Vehicle Detector	3
⊙ 11m Signal Pole	-
⊗ 8m Signal Pole(Large Diameter)	2
○ 8m Signal Pole(Standard Diameter)	2
⊠ Pedestrian Signal Pole	2
⊗ φ190-8m Signal Pole for UVD	3
3a 3m Arm	3
4a 4m Arm	2
5a 5m Arm	-
6a 6m Arm	2
⊠ Hand Hole(Shallow type)	28
⊠ Hand Hole(Deep type)	5
▭ Push-button Box	6

Legend

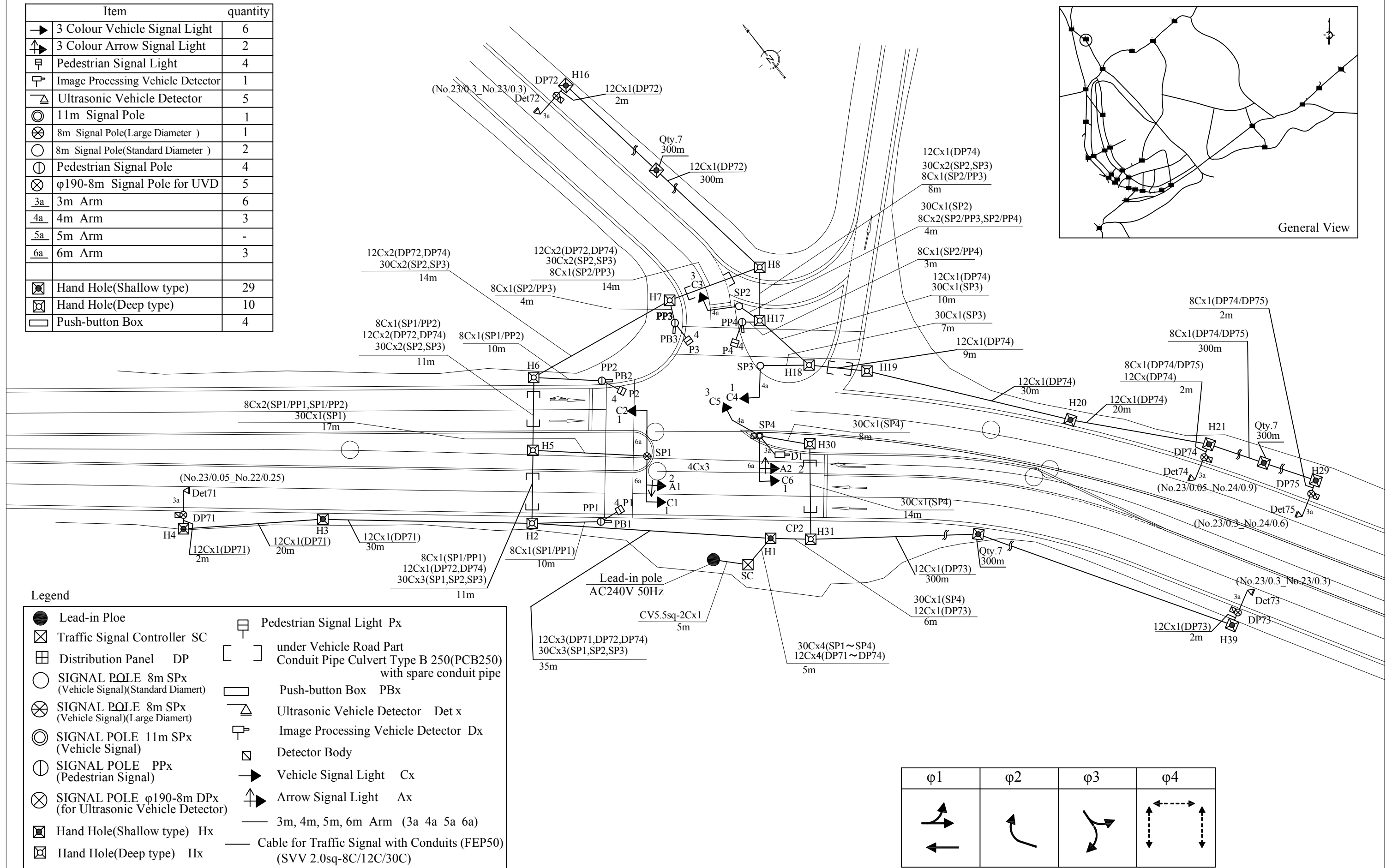
● Lead-in Ploe	⊞ Pedestrian Signal Light Px
⊞ Traffic Signal Controller SC	⌈ under Vehicle Road Part
⊞ Distribution Panel DP	⌋ Conduit Pipe Culvert Type B 250(PCB250)
○ SIGNAL POLE 8m SPx (Vehicle Signal)(Standard Diamert)	with spare conduit pipe
⊗ SIGNAL POLE 8m SPx (Vehicle Signal)(Large Diamert)	⌈ Push-button Box PBx
⊙ SIGNAL POLE 11m SPx (Vehicle Signal)	⌈ Ultrasonic Vehicle Detector Det x
⊙ SIGNAL POLE PPx (Pedestrian Signal)	⌈ Image Processing Vehicle Detector Dx
⊗ SIGNAL POLE φ190-8m DPx (for Ultrasonic Vehicle Detector)	⌈ Detector Body
⊞ Hand Hole(Shallow type) Hx	➡ Vehicle Signal Light Cx
⊞ Hand Hole(Deep type) Hx	➡ Arrow Signal Light Ax
	— 3m, 4m, 5m, 6m Arm (3a 4a 5a 6a)
	— Cable for Traffic Signal with Conduits (FEP50) (SVV 2.0sq-8C/12C/30C)

Item	quantity
➡ 3 Colour Vehicle Signal Light	6
➡ 3 Colour Arrow Signal Light	-
⊞ Pedestrian Signal Light	6
⌈ Image Processing Vehicle Detector	-
⌈ Ultrasonic Vehicle Detector	4
⊙ 11m Signal Pole	-
⊗ 8m Signal Pole(Large Diameter)	2
○ 8m Signal Pole(Standard Diameter)	2
⊙ Pedestrian Signal Pole	3
⊗ φ190-8m Signal Pole for UVD	4
3a 3m Arm	4
4a 4m Arm	2
5a 5m Arm	-
6a 6m Arm	2
⊞ Hand Hole(Shallow type)	30
⊞ Hand Hole(Deep type)	4
⌈ Push-button Box	6



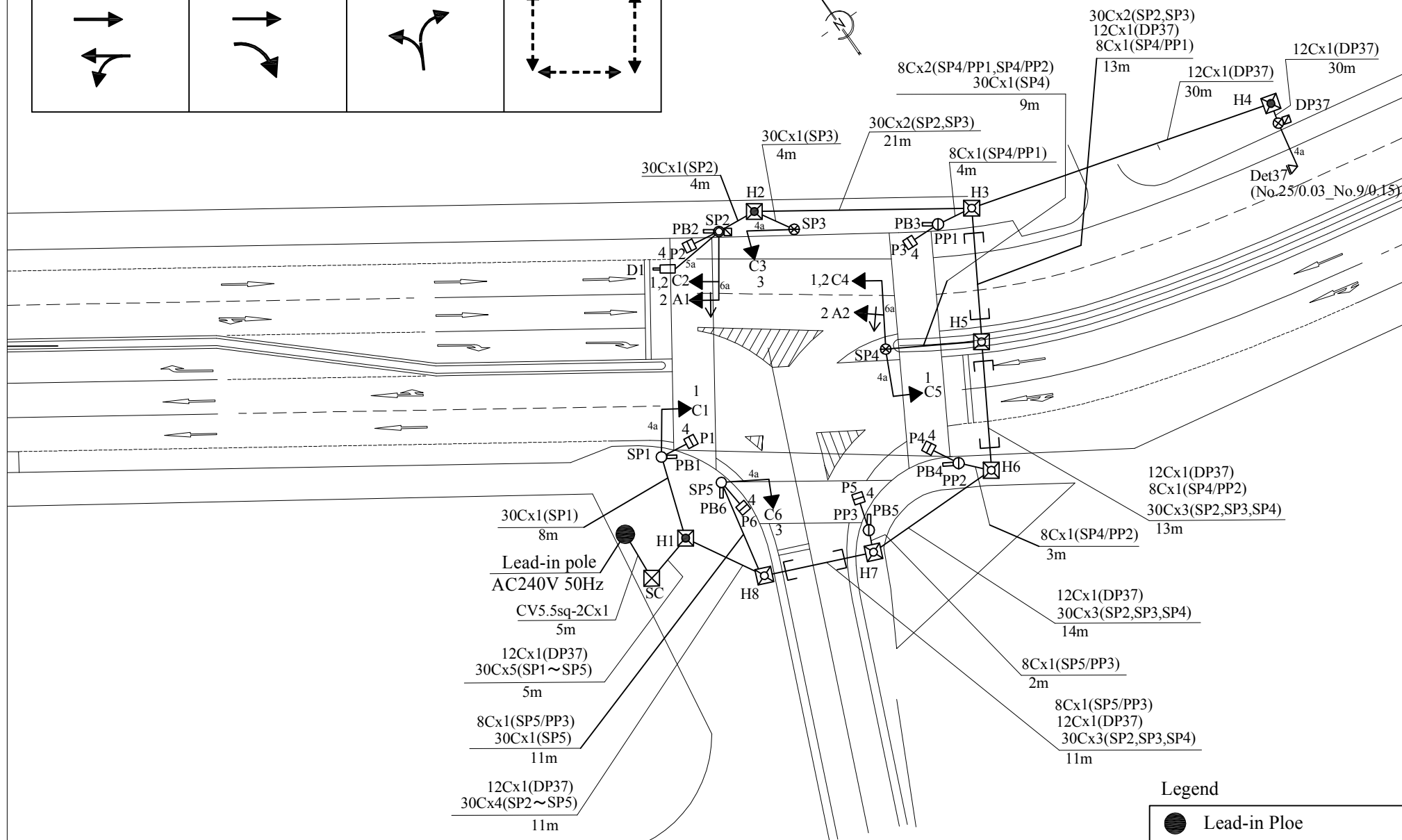
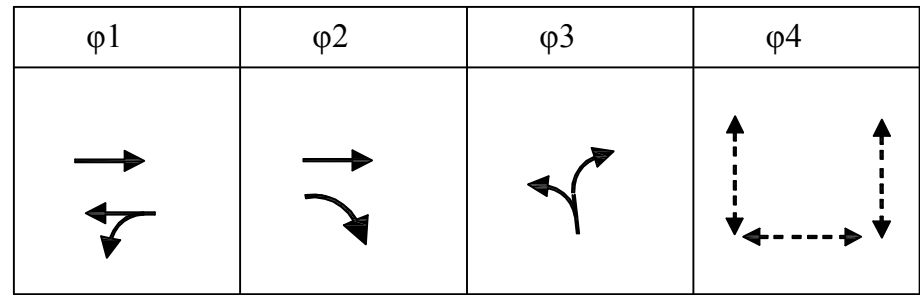
φ1	φ2	φ3
➡ ➡ ➡	↙ ↘ ↘	↕ ↕ ↕

Item	quantity
→ 3 Colour Vehicle Signal Light	6
↗ 3 Colour Arrow Signal Light	2
⊞ Pedestrian Signal Light	4
Image Processing Vehicle Detector	1
△ Ultrasonic Vehicle Detector	5
⊙ 11m Signal Pole	1
⊗ 8m Signal Pole(Large Diameter)	1
○ 8m Signal Pole(Standard Diameter)	2
⊕ Pedestrian Signal Pole	4
⊗ φ190-8m Signal Pole for UVD	5
3a 3m Arm	6
4a 4m Arm	3
5a 5m Arm	-
6a 6m Arm	3
⊞ Hand Hole(Shallow type)	29
⊞ Hand Hole(Deep type)	10
□ Push-button Box	4

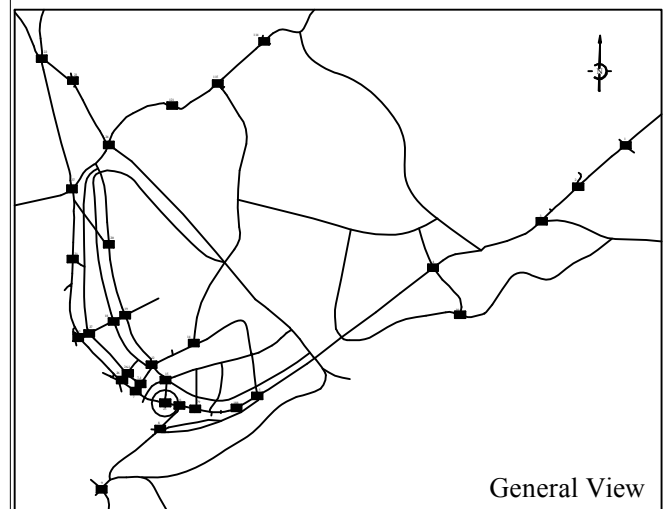


● Lead-in Ploe	⊞ Pedestrian Signal Light Px
⊞ Traffic Signal Controller SC	⌈ under Vehicle Road Part
⊞ Distribution Panel DP	Conduit Pipe Culvert Type B 250(PCB250)
○ SIGNAL POLE 8m SPx (Vehicle Signal)(Standard Diamert)	with spare conduit pipe
⊗ SIGNAL POLE 8m SPx (Vehicle Signal)(Large Diamert)	□ Push-button Box PBx
⊙ SIGNAL POLE 11m SPx (Vehicle Signal)	△ Ultrasonic Vehicle Detector Det x
⊕ SIGNAL POLE PPx (Pedestrian Signal)	Image Processing Vehicle Detector Dx
⊗ SIGNAL POLE φ190-8m DPx (for Ultrasonic Vehicle Detector)	⊞ Detector Body
⊞ Hand Hole(Shallow type) Hx	→ Vehicle Signal Light Cx
⊞ Hand Hole(Deep type) Hx	↗ Arrow Signal Light Ax
	— 3m, 4m, 5m, 6m Arm (3a 4a 5a 6a)
	— Cable for Traffic Signal with Conduits (FEP50) (SVV 2.0sq-8C/12C/30C)

φ1	φ2	φ3	φ4
↗ ↖ ←	↖	↖ ↗	↖ ↗ ↘ ↙



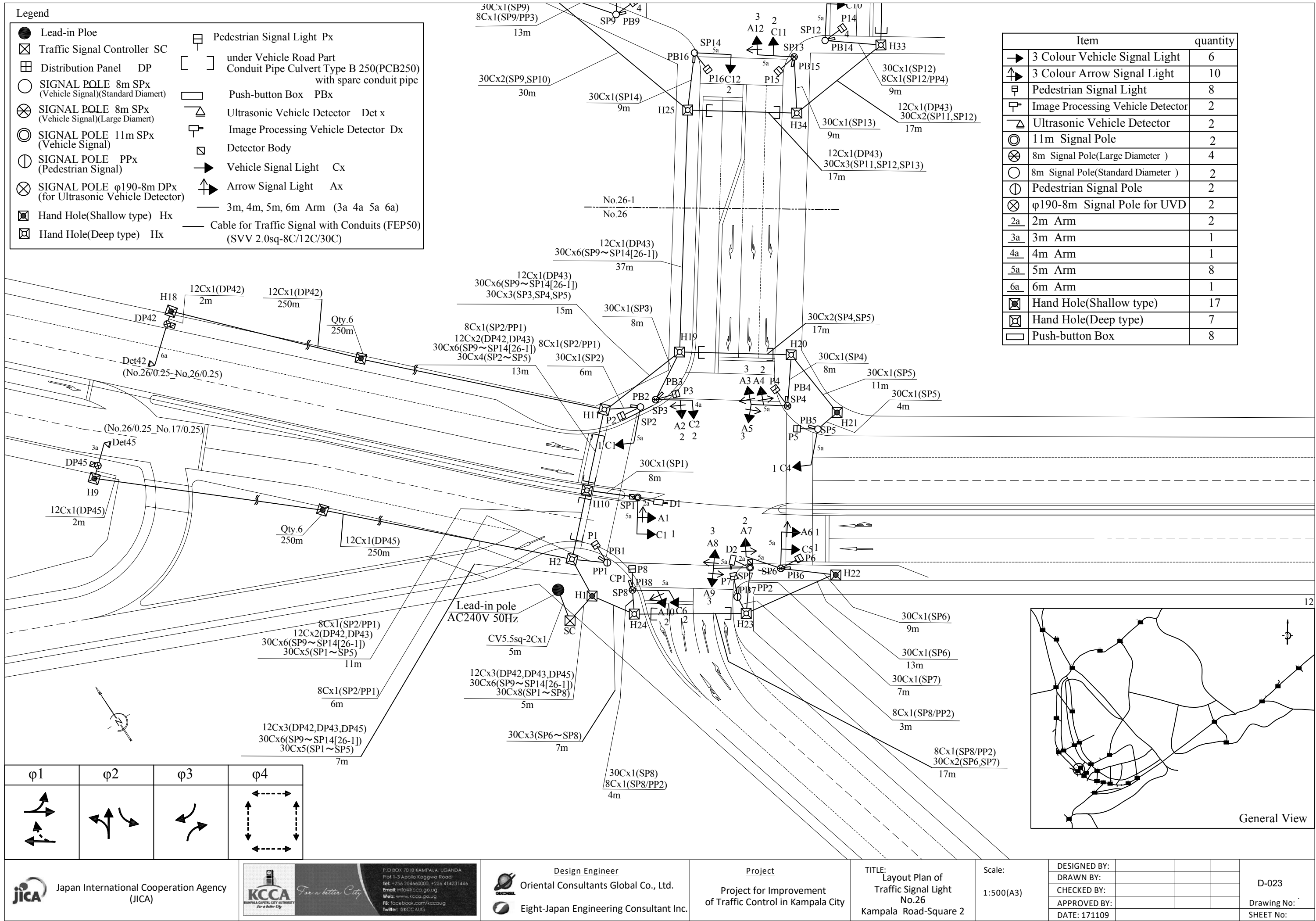
Item		quantity
	3 Colour Vehicle Signal Light	6
	3 Colour Arrow Signal Light	2
	Pedestrian Signal Light	6
	Image Processing Vehicle Detector	1
	Ultrasonic Vehicle Detector	1
	11m Signal Pole	1
	8m Signal Pole(Large Diameter)	2
	8m Signal Pole(Standard Diameter)	2
	Pedestrian Signal Pole	3
	φ190-8m Signal Pole for UVD	1
	3m Arm	0
	4m Arm	5
	5m Arm	1
	6m Arm	2
	Hand Hole(Shallow type)	3
	Hand Hole(Deep type)	5
	Push-button Box	6



General View

Legend

	Lead-in Pole		Pedestrian Signal Light Px
	Traffic Signal Controller SC		Conduit Pipe Culvert Type B 250(PCB250) with spare conduit pipe
	Distribution Panel DP		Push-button Box PBx
	SIGNAL POLE 8m SPx (Vehicle Signal)(Standard Diam)		Ultrasonic Vehicle Detector Det x
	SIGNAL POLE 8m SPx (Vehicle Signal)(Large Diam)		Image Processing Vehicle Detector Dx
	SIGNAL POLE 11m SPx (Vehicle Signal)		Detector Body
	SIGNAL POLE PPx (Pedestrian Signal)		Vehicle Signal Light Cx
	SIGNAL POLE φ190-8m DPx (for Ultrasonic Vehicle Detector)		Arrow Signal Light Ax
	Hand Hole(Shallow type) Hx		3m, 4m, 5m, 6m Arm (3a 4a 5a 6a)
	Hand Hole(Deep type) Hx		Cable for Traffic Signal with Conduits (FEP50) (SVV 2.0sq-8C/12C/30C)



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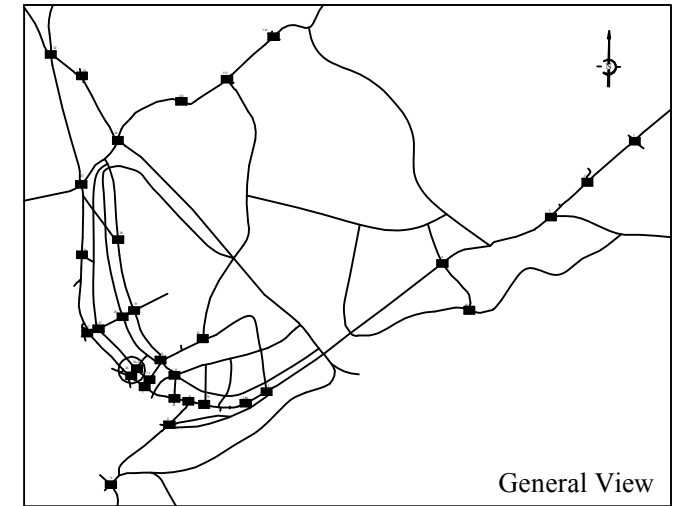
φ3

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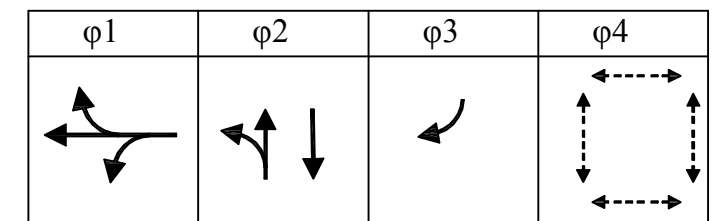
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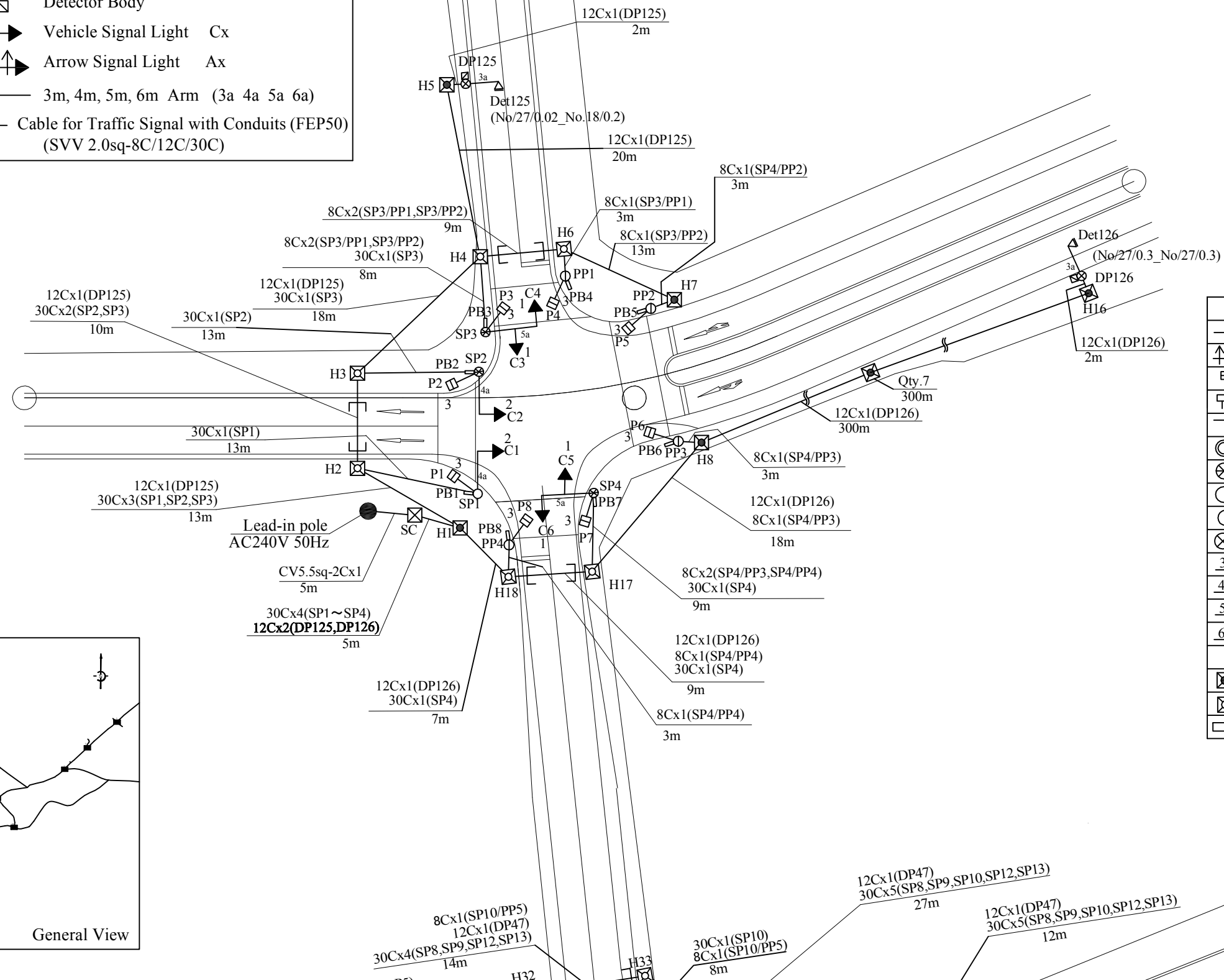
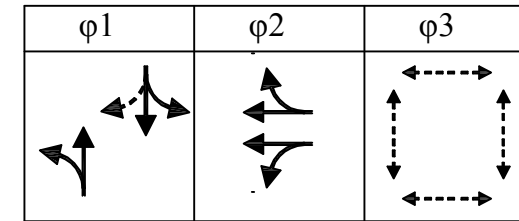
	Lead-in Ploe		Pedestrian Signal Light Px
	Traffic Signal Controller SC		under Vehicle Road Part Conduit Pipe Culvert Type B 250(PCB250) with spare conduit pipe
	Distribution Panel DP		Push-button Box PBx
	SIGNAL POLE 8m SPx (Vehicle Signal)(Standard Diamert)		Ultrasonic Vehicle Detector Det x
	SIGNAL POLE 8m SPx (Vehicle Signal)(Large Diamert)		Image Processing Vehicle Detector Dx
	SIGNAL POLE 11m SPx (Vehicle Signal)		Detector Body
	SIGNAL POLE PPx (Pedestrian Signal)		Vehicle Signal Light Cx
	SIGNAL POLE φ190-8m DPx (for Ultrasonic Vehicle Detector)		Arrow Signal Light Ax
	Hand Hole(Shallow type) Hx		3m, 4m, 5m, 6m Arm (3a 4a 5a 6a)
	Hand Hole(Deep type) Hx		Cable for Traffic Signal with Conduits (FEP50) (SVV 2.0sq-8C/12C/30C)



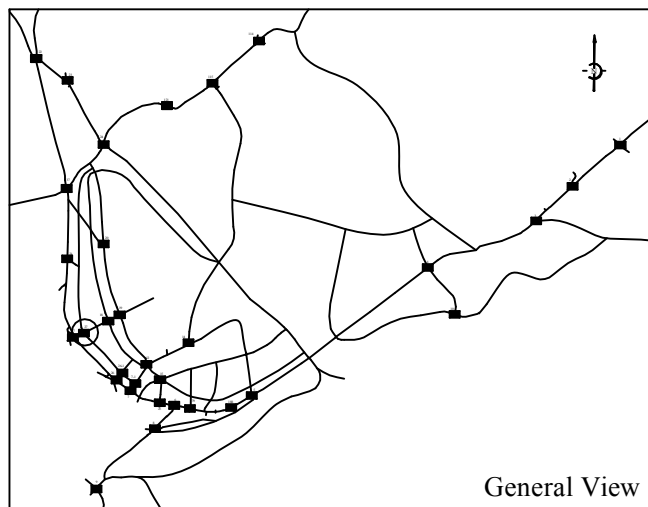
	Item	quantity
	3 Colour Vehicle Signal Light	6
	3 Colour Arrow Signal Light	2
	Pedestrian Signal Light	8
	Image Processing Vehicle Detector	-
	Ultrasonic Vehicle Detector	1
	11m Signal Pole	-
	8m Signal Pole(Large Diameter)	2
	8m Signal Pole(Standard Diameter)	4
	Pedestrian Signal Pole	2
	φ190-8m Signal Pole for UVD	1
<u>3a</u>	3m Arm	-
<u>4a</u>	4m Arm	-
<u>5a</u>	5m Arm	6
<u>6a</u>	6m Arm	-
	Hand Hole(Shallow type)	3
	Hand Hole(Deep type)	7
	Push-button Box	8



	Lead-in Ploe		Pedestrian Signal Light Px
	Traffic Signal Controller SC		under Vehicle Road Part Conduit Pipe Culvert Type B 250(PCB250) with spare conduit pipe
	Distribution Panel DP		Push-button Box PBx
	SIGNAL POLE 8m SPx (Vehicle Signal)(Standard Diamert)		Ultrasonic Vehicle Detector Det x
	SIGNAL POLE 8m SPx (Vehicle Signal)(Large Diamert)		Image Processing Vehicle Detector Dx
	SIGNAL POLE 11m SPx (Vehicle Signal)		Detector Body
	SIGNAL POLE PPx (Pedestrian Signal)		Vehicle Signal Light Cx
	SIGNAL POLE φ190-8m DPx (for Ultrasonic Vehicle Detector)		Arrow Signal Light Ax
	Hand Hole(Shallow type) Hx		3m, 4m, 5m, 6m Arm (3a 4a 5a 6a)
	Hand Hole(Deep type) Hx		Cable for Traffic Signal with Conduits (FEP50) (SVV 2.0sq-8C/12C/30C)

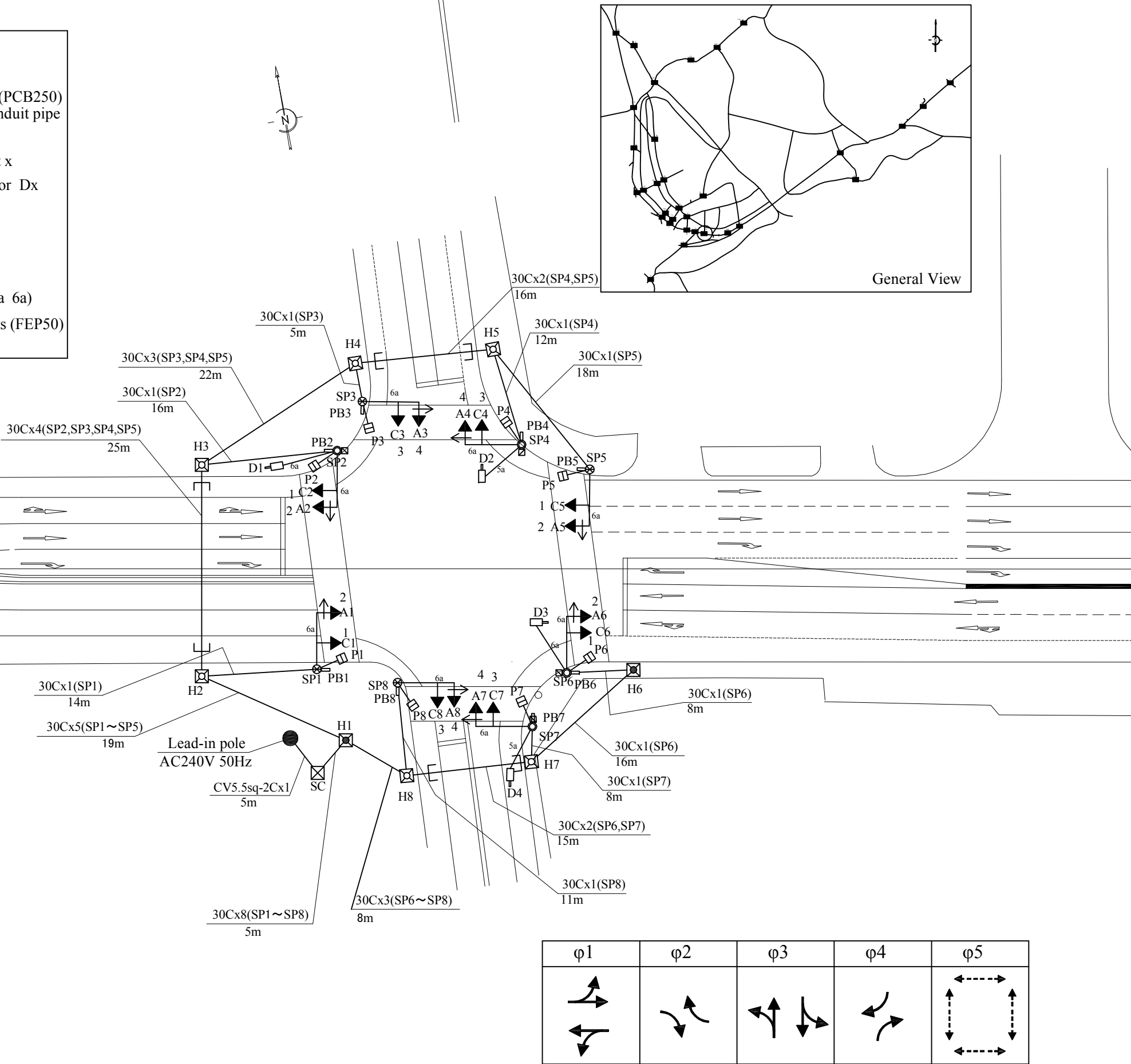


	Item	quantity
	3 Colour Vehicle Signal Light	6
	3 Colour Arrow Signal Light	-
	Pedestrian Signal Light	8
	Image Processing Vehicle Detector	-
	Ultrasonic Vehicle Detector	2
	11m Signal Pole	-
	8m Signal Pole(Large Diameter)	3
	8m Signal Pole(Standard Diameter)	1
	Pedestrian Signal Pole	4
	φ190-8m Signal Pole for UVD	2
<u>3a</u>	3m Arm	2
<u>4a</u>	4m Arm	2
<u>5a</u>	5m Arm	2
<u>6a</u>	6m Arm	-
	Hand Hole(Shallow type)	12
	Hand Hole(Deep type)	6
	Push-button Box	8



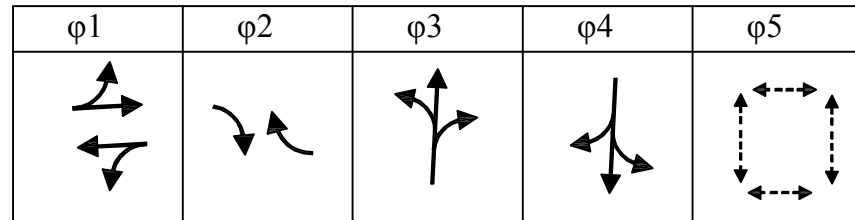
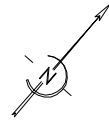
Legend

● Lead-in Ploe	⊠ Pedestrian Signal Light Px
⊠ Traffic Signal Controller SC	⌈ under Vehicle Road Part
⌘ Distribution Panel DP	⌋ Conduit Pipe Culvert Type B 250(PCB250)
○ SIGNAL POLE 8m SPx (Vehicle Signal)(Standard Diamert)	with spare conduit pipe
⊗ SIGNAL POLE 8m SPx (Vehicle Signal)(Large Diamert)	▭ Push-button Box PBx
⊙ SIGNAL POLE 11m SPx (Vehicle Signal)	▴ Ultrasonic Vehicle Detector Det x
⊕ SIGNAL POLE PPx (Pedestrian Signal)	⌚ Image Processing Vehicle Detector Dx
⊗ SIGNAL POLE φ190-8m DPx (for Ultrasonic Vehicle Detector)	▣ Detector Body
⊠ Hand Hole(Shallow type) Hx	➡ Vehicle Signal Light Cx
⊠ Hand Hole(Deep type) Hx	➡ Arrow Signal Light Ax
	— 3m, 4m, 5m, 6m Arm (3a 4a 5a 6a)
	— Cable for Traffic Signal with Conduits (FEP50) (SVV 2.0sq-8C/12C/30C)



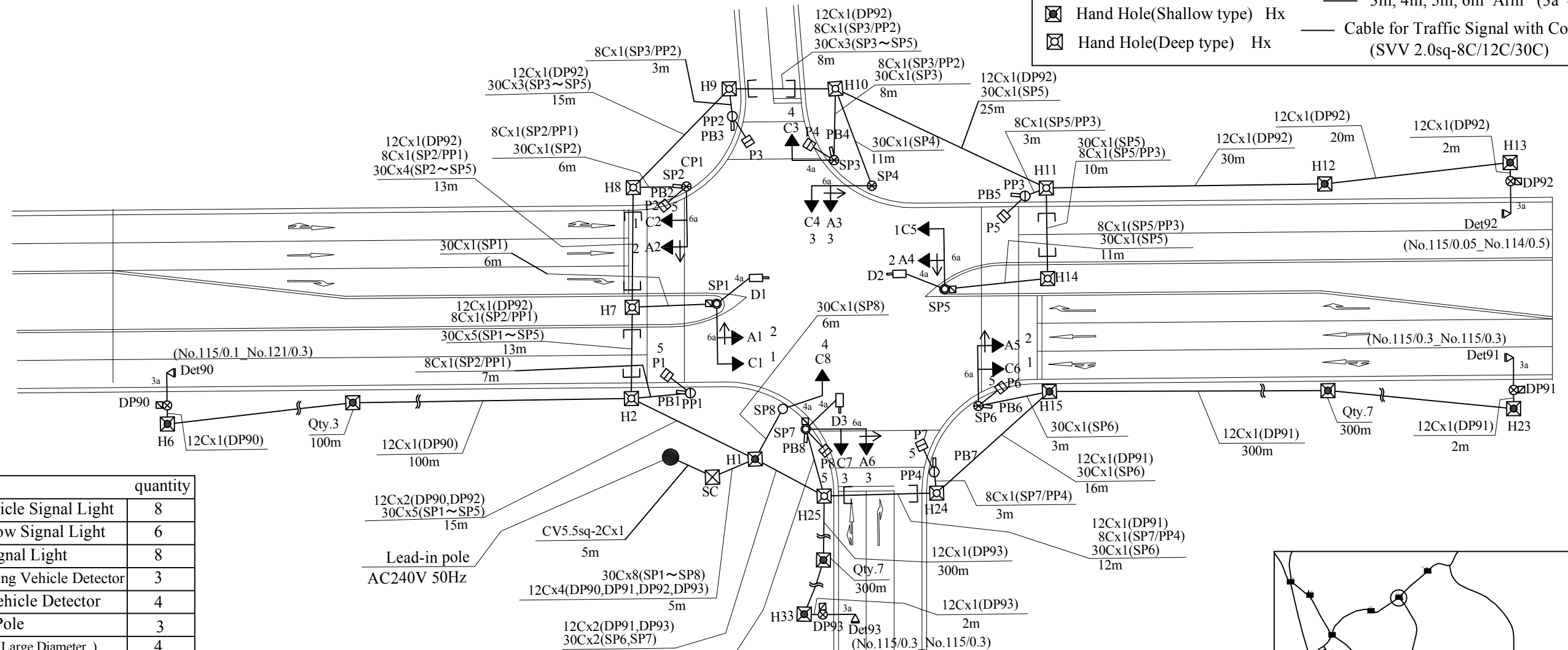
Item	quantity
➡ 3 Colour Vehicle Signal Light	8
➡ 3 Colour Arrow Signal Light	8
⊠ Pedestrian Signal Light	8
⌚ Image Processing Vehicle Detector	4
▴ Ultrasonic Vehicle Detector	-
⊙ 11m Signal Pole	4
⊗ 8m Signal Pole(Large Diameter)	4
⊕ Pedestrian Signal Pole	-
⊗ φ190-8m Signal Pole for UVD	-
3a 3m Arm	-
4a 4m Arm	-
5a 5m Arm	2
6a 6m Arm	10
⊠ Hand Hole(Shallow type)	2
⊠ Hand Hole(Deep type)	6
▭ Push-button Box	8

φ1	φ2	φ3	φ4	φ5
➡	➡	➡	➡	➡

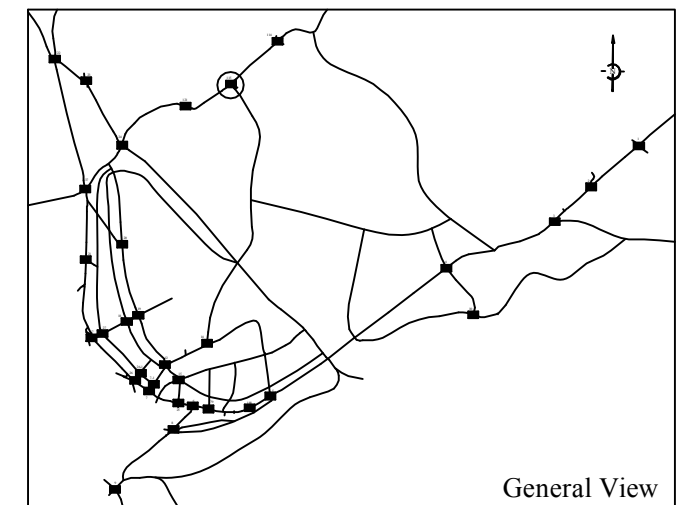


Legend

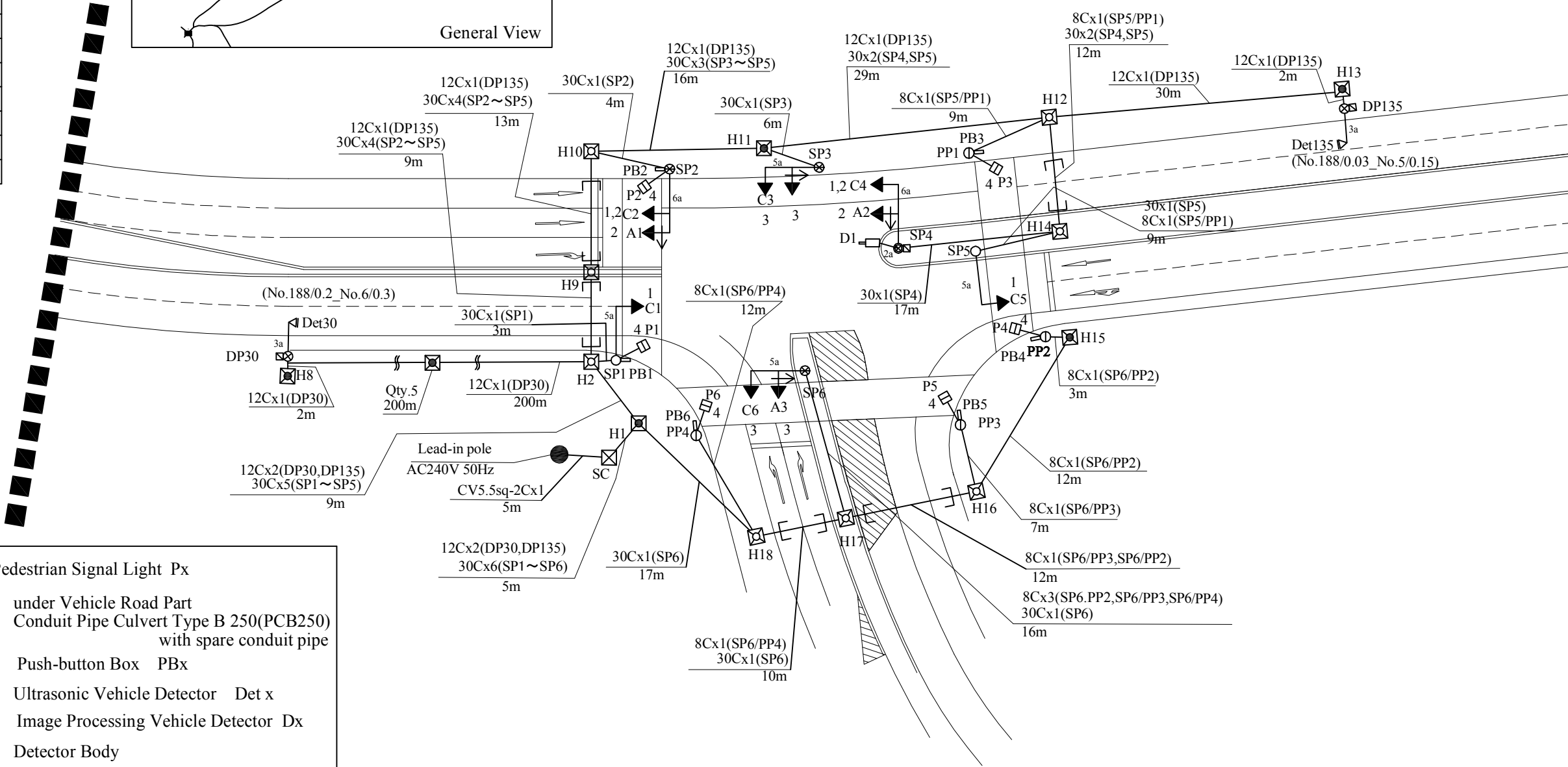
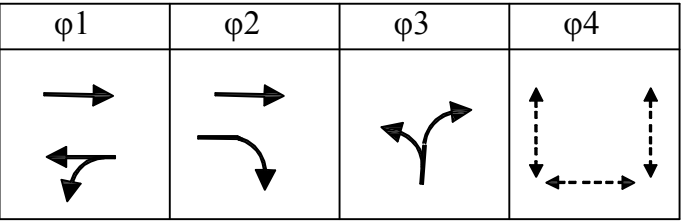
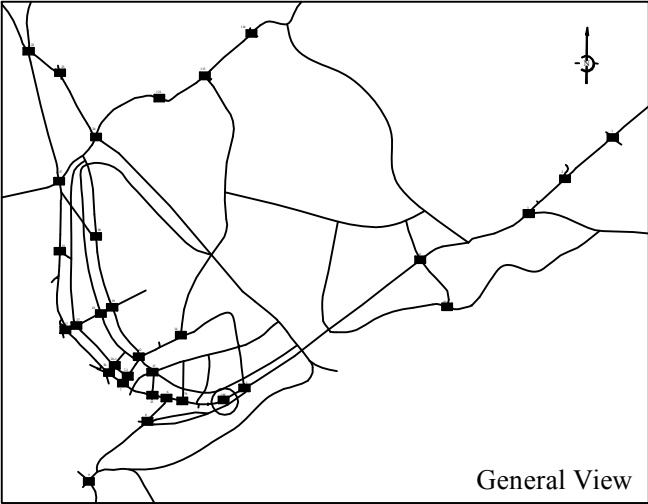
	Lead-in Pole		Pedestrian Signal Light Px
	Traffic Signal Controller SC		Conduit Pipe Culvert Type B 250(PCB250) with spare conduit pipe
	Distribution Panel DP		Push-button Box PBx
	SIGNAL POLE 8m SPx (Vehicle Signal)(Standard Diamert)		Ultrasonic Vehicle Detector Det x
	SIGNAL POLE 8m SPx (Vehicle Signal)(Large Diamert)		Image Processing Vehicle Detector Dx
	SIGNAL POLE 11m SPx (Vehicle Signal)		Detector Body
	SIGNAL POLE PPx (Pedestrian Signal)		Vehicle Signal Light Cx
	SIGNAL POLE φ190-8m DPx (for Ultrasonic Vehicle Detector)		Arrow Signal Light Ax
	Hand Hole(Shallow type) Hx		3m, 4m, 5m, 6m Arm (3a 4a 5a 6a)
	Hand Hole(Deep type) Hx		Cable for Traffic Signal with Conduits (FEP50) (SVV 2.0sq-8C/12C/30C)



Item	quantity
3 Colour Vehicle Signal Light	8
3 Colour Arrow Signal Light	6
Pedestrian Signal Light	8
Image Processing Vehicle Detector	3
Ultrasonic Vehicle Detector	4
11m Signal Pole	3
8m Signal Pole(Large Diameter)	4
8m Signal Pole(Standard Diameter)	1
Pedestrian Signal Pole	4
φ190-8m Signal Pole for UVD	4
3m Arm	4
4m Arm	5
5m Arm	-
6m Arm	6
Hand Hole(Shallow type)	24
Hand Hole(Deep type)	9
Push-button Box	8



Item	quantity
→ 3 Colour Vehicle Signal Light	6
↗ 3 Colour Arrow Signal Light	4
⊠ Pedestrian Signal Light	6
📷 Image Processing Vehicle Detector	1
△ Ultrasonic Vehicle Detector	2
⊙ 11m Signal Pole	1
⊗ 8m Signal Pole(Large Diameter)	3
○ 8m Signal Pole(Standard Diameter)	2
⊕ Pedestrian Signal Pole	4
⊗ φ190-8m Signal Pole for UVD	2
2a 2m Arm	1
3a 3m Arm	2
4a 4m Arm	-
5a 5m Arm	4
6a 6m Arm	2
⊠ Hand Hole(Shallow type)	10
⊠ Hand Hole(Deep type)	8
□ Push-button Box	6

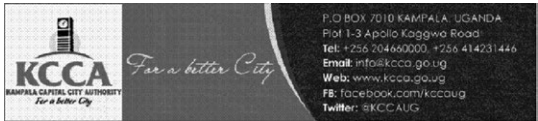


Legend

- Lead-in Ploe
- ⊠ Traffic Signal Controller SC
- ⊠ Distribution Panel DP
- SIGNAL POLE 8m SPx (Vehicle Signal)(Standard Diamert)
- ⊗ SIGNAL POLE 8m SPx (Vehicle Signal)(Large Diamert)
- ⊙ SIGNAL POLE 11m SPx (Vehicle Signal)
- ⊕ SIGNAL POLE PPx (Pedestrian Signal)
- ⊗ SIGNAL POLE φ190-8m DPx (for Ultrasonic Vehicle Detector)
- ⊠ Hand Hole(Shallow type) Hx
- ⊠ Hand Hole(Deep type) Hx
- ⊠ Pedestrian Signal Light Px
- ⊠ under Vehicle Road Part Conduit Pipe Culvert Type B 250(PCB250) with spare conduit pipe
- Push-button Box PBx
- △ Ultrasonic Vehicle Detector Det x
- 📷 Image Processing Vehicle Detector Dx
- ⊠ Detector Body
- Vehicle Signal Light Cx
- ↗ Arrow Signal Light Ax
- 3m, 4m, 5m, 6m Arm (3a 4a 5a 6a)
- Cable for Traffic Signal with Conduits (FEP50) (SVV 2.0sq-8C/12C/30C)



Japan International Cooperation Agency
(JICA)



Design Engineer
Oriental Consultants Global Co., Ltd.
Eight-Japan Engineering Consultant Inc.

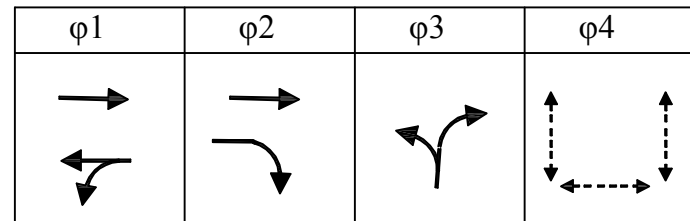
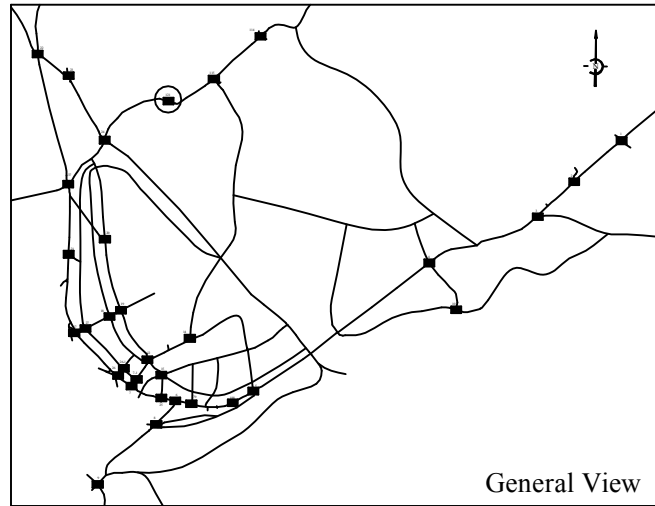
Project
Project for Improvement
of Traffic Control in Kampala City

TITLE:
Layout Plan of
Traffic Signal Light
No.188 Kampala Road
King Goerge Way

Scale:
1:500(A3)

DESIGNED BY:			
DRAWN BY:			
CHECKED BY:			
APPROVED BY:			
DATE: 171110			

D-029
Drawing No:
SHEET No:



Item	quantity
→ 3 Colour Vehicle Signal Light	6
↗ 3 Colour Arrow Signal Light	2
⊞ Pedestrian Signal Light	6
⊞ Image Processing Vehicle Detector	1
⊞ Ultrasonic Vehicle Detector	3
⊞ 11m Signal Pole	1
⊞ 8m Signal Pole(Large Diameter)	1
⊞ 8m Signal Pole(Standard Diameter)	4
⊞ Pedestrian Signal Pole	3
⊞ φ190-8m Signal Pole for UVD	3
3a 3m Arm	4
4a 4m Arm	1
5a 5m Arm	3
6a 6m Arm	2
⊞ Hand Hole(Shallow type)	19
⊞ Hand Hole(Deep type)	7
⊞ Push-button Box	6

Legend

● Lead-in Ploe	⊞ Pedestrian Signal Light Px
⊞ Traffic Signal Controller SC	⊞ under Vehicle Road Part
⊞ Distribution Panel DP	⊞ Conduit Pipe Culvert Type B 250(PCB250) with spare conduit pipe
○ SIGNAL POLE 8m SPx (Vehicle Signal)(Standard Diamert)	⊞ Push-button Box PBx
⊞ SIGNAL POLE 8m SPx (Vehicle Signal)(Large Diamert)	⊞ Ultrasonic Vehicle Detector Det x
⊞ SIGNAL POLE 11m SPx (Vehicle Signal)	⊞ Image Processing Vehicle Detector Dx
⊞ SIGNAL POLE PPx (Pedestrian Signal)	⊞ Detector Body
⊞ SIGNAL POLE φ190-8m DPx (for Ultrasonic Vehicle Detector)	→ Vehicle Signal Light Cx
⊞ Hand Hole(Shallow type) Hx	↗ Arrow Signal Light Ax
⊞ Hand Hole(Deep type) Hx	— 3m, 4m, 5m, 6m Arm (3a 4a 5a 6a)
	— Cable for Traffic Signal with Conduits (FEP50) (SVV 2.0sq-8C/12C/30C)

