

# AFTER

## SHOP DRAWING

SYMBOL	DESCRIPTION	REMARK
①	TEL (VOICE & DATA) OUTLET	
②	TEL (VOICE) & TV OUTLET	
③	TV OUTLET	
④	MAIN TELEVISION AMP DISTRIBUTION PANEL	
⑤	TELEVISION SIGNAL DISTRIBUTION PANEL	
⑥	MAIN TELEPHONE TERMINAL BOX	
⑦	SUB TELEPHONE TERMINAL BOX	
⑧	TELEPHONE TERMINAL BOX	
⑨	MULTIPLEXER	
⑩	PULL BOX	
⑪	JUNCTION BOX	
⑫	HAND HOLE	
⑬	GROUNDING TEST BOX	
⑭	EARTH ELECTRODE	
⑮	FIBER BOX(WITH PIGTAIL AND RJ11 JACK)	
⑯	OPTICAL DISTRIBUTION FRAME	WORK SCOPE BY COMMUNICATION SERVICE

1. 'TYPE R2' MEANS THAT ODF & SDB ARE INSTALLED ON LEFT SIDE IN RESIDENTIAL BUILDING  
REFER TO BLOCK PLAN DRAWING (E-1001 : ELECTRICAL POWER SYSTEM PLAN, E-1003 : TELECOMMUNICATION SYSTEM PLAN)

① ( ) THIS MARK IS DELETE DEVICE

### CABLE SCHEDULE

NO.	DESCRIPTION	
①	F/O CABLE 4C	(CD 32C)
②	F/O CABLE 8C	(ECP 40mm)
③	F/O CABLE 8C	(PVC 50C)
④	REFER TO BLOCK PLAN DRAWING FOR CABLE SCHEDULE	INT. ~ ④
⑤	GV 16mm <sup>2</sup> X 1	(PVC 25C)
⑥	COAXIAL CABLE x 2	(CD 32C)
⑦	450/750V Cu/PVC 2.5mm <sup>2</sup> x 2, E-2.5mm <sup>2</sup>	(CD 20C)

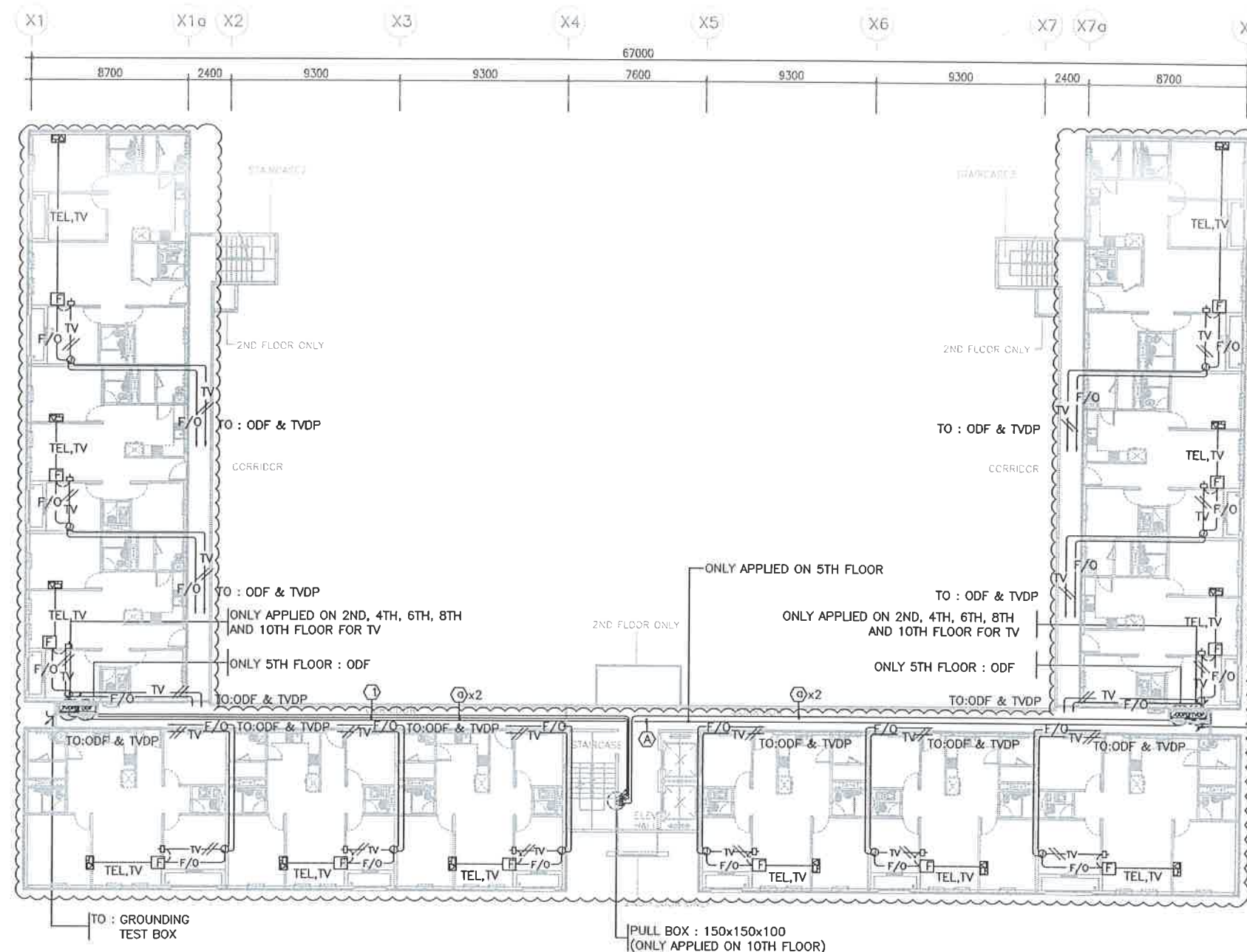
### CONDUIT AND WIRING FOR TELEPHONE & TV

TV	COAXIAL CABLE x 1	(CD 25C)
TV	COAXIAL CABLE x 2	(CD 25C)
TEL,TV	UTP CAT5 4P/0.5mm x 1 COAXIAL CABLE x 1	(CD 25C)
TV,F/O	COAXIAL CABLE x 1 F/O CABLE 1C x 1	(CD 25C)
TEL,TV F/O	UTP CAT5 4P/0.5mm x 1 COAXIAL CABLE x 1 F/O CABLE 1C x 1	(CD 25C)
F/O	F/O CABLE 1C x 1	(CD 25C)

TO : GROUNDING TEST BOX

### LINE TYPE ACCORDING TO LOCATION OF CONDUIT

---	EXPOSED CONDUIT
---	EMBEDDED IN H/C SLAB, SOLID SLAB, WALL
---	EMBEDDED IN TOPPING CONCRETE
---	UNDERGROUND



### 1 2ND~10TH FLOOR COMMON AREA TELEPHONE & TV SYSTEM LAYOUT (TYPE R2)

- ALL BLOCK APPLY EXCLUDE AT A2,A6 AND GROUND FLOOR OF THE A4 BLOCK(MODERN TYPE)

SCALE 1:300

Owner  
NATIONAL INVESTMENT COMMISSION  
International Zone, Baghdad, Iraq  
Investor / Contractor  
HANWHA E&C

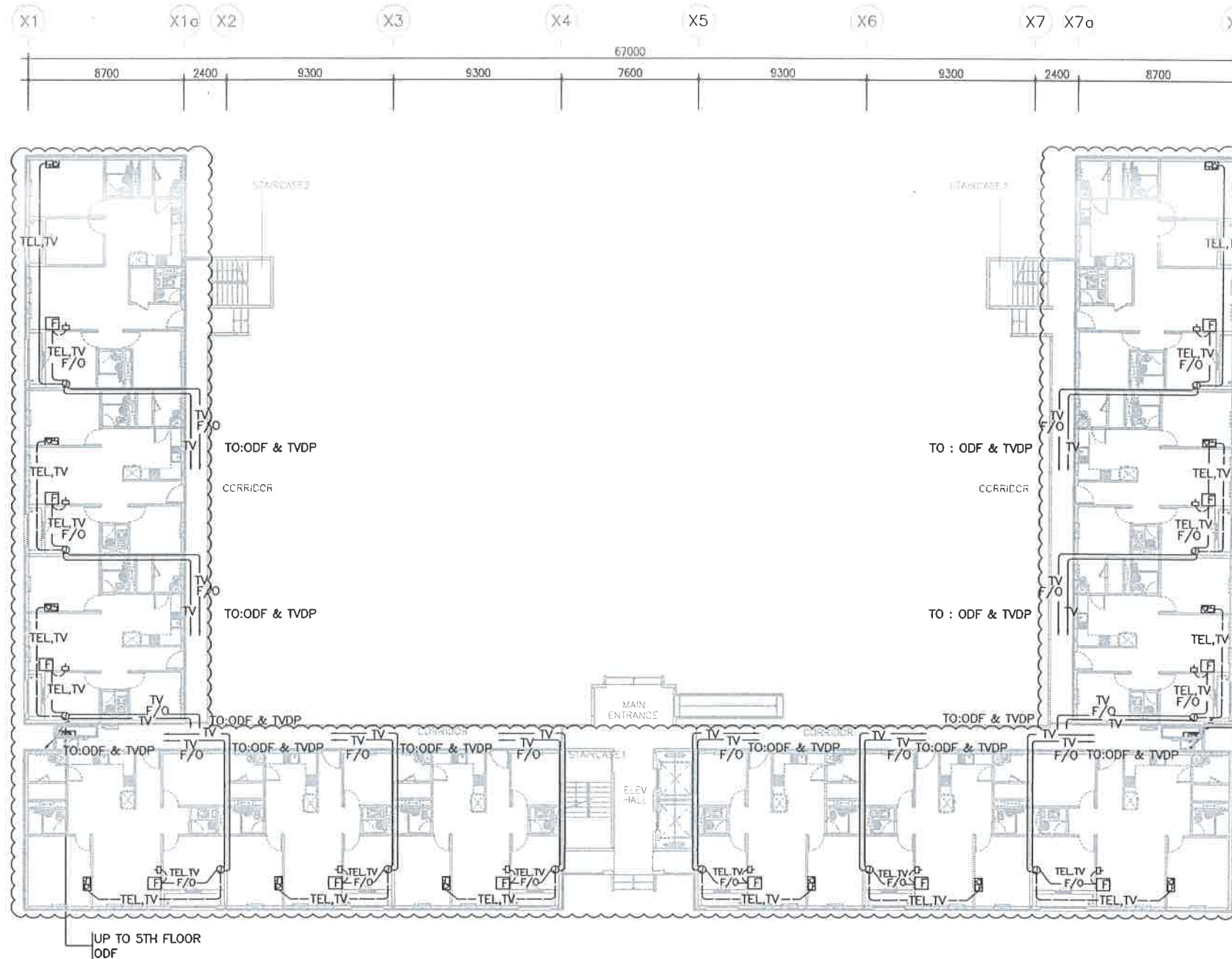
PROJECT TITLE  
BISMAYAH NEW CITY PROJECT  
NATIONAL HOUSING PROGRAM

DRAWN BY  
2012  
CHECKED BY  
2012  
CHECKED BY  
2012  
APPROVED BY  
2012

DRAWING TITLE  
2ND~10TH FLOOR COMMON AREA  
TELEPHONE & TV SYSTEM LAYOUT (TYPE R2)

SCALE  
A1 1:150 A3 1:300  
DRAWING NO  
E - 7106  
REV

AFTER



SYMBOL		
SYMBOL	DESCRIPTION	REMARK
✓	TEL (VOICE & DATA) OUTLET	
⬆	TEL (VOICE) & TV OUTLET	
⬆	TV OUTLET	
AMP	MAIN TELEVISION AMP DISTRIBUTION PANEL	
TVDP	TELEVISION SIGNAL DISTRIBUTION PANEL	
STB	SUB TELEPHONE TERMINAL BOX	
TTB	TELEPHONE TERMINAL BOX	
MUX	MULTIPLEXER	
PB	PULL BOX	
JB	JUNCTION BOX	
HH	HAND HOLE	
GTB	GROUNDING TEST BOX	
EE	EARTH ELECTRODE	
FB	FIBER BOX(WITH PIGTAIL AND RJ11 JACK)	
ODF	OPTICAL DISTRIBUTION FRAME	WORK SCOPE BY COMMUNICATION SERVICE

## SHOP DRAWING

1. 'TYPE L1' MEANS THAT ODF & MDB ARE INSTALLED ON LEFT SIDE IN RESIDENTIAL BUILDING  
REFER TO BLOCK PLAN DRAWING (E-1001 : ELECTRICAL POWER SYSTEM PLAN, E-1003 : TELECOMMUNICATION SYSTEM PLAN)

3. (1) THIS MARK IS DELETE DEVICE

### CABLE SCHEDULE

NO	DESCRIPTION	
(A)	F/O CABLE 4C	(CD 32C)
(1)	F/O CABLE 8C	(ELP 40mm)
(2)	F/O CABLE 8C	(PVC 50C)
(3)	REFER TO BLOCK PLAN DRAWING FOR CABLE SCHEDULE INT. ~ (B)	
(G)	GV 16mm <sup>2</sup> X 1	(PVC 25C)
(9)	COAXIAL CABLE x 2	(CD 32C)
(1)	450/750V Cu/PVC 2.5mm <sup>2</sup> x 2, E-2.5mm <sup>2</sup>	(CD 20C)

### CONDUIT AND WIRING FOR TELEPHONE & TV

TV	COAXIAL CABLE x 1	(CD 25C)
TV	COAXIAL CABLE x 2	(CD 25C)
TEL,TV	UTP CAT5 4P/0.5mm x 1	(CD 25C)
	COAXIAL CABLE x 1	(CD 25C)
TV,F/O	COAXIAL CABLE x 1	(CD 25C)
	F/O CABLE 1C x 1	(CD 25C)
TEL,TV	UTP CAT5 4P/0.5mm x 1	(CD 25C)
	COAXIAL CABLE x 1	(CD 25C)
F/O	F/O CABLE 1C x 1	(CD 25C)

UP TO 5TH FLOOR  
ODF

### LINE TYPE ACCORDING TO LOCATION OF CONDUIT

-----	EXPOSED CONDUIT
-----	EMBEDDED IN H/C SLAB, SOLID SLAB, WALL
-----	EMBEDDED IN TOPPING CONCRETE
-----	UNDERGROUND

## 1 1ST FLOOR COMMON AREA TELEPHONE & TV SYSTEM LAYOUT (TYPE L1)

SCALE 1:300

- ONLY APPLY AT A2,A6 AND GROUND FLOOR OF THE A4 BLOCK(MODERN TYPE)

Owner NATIONAL INVESTMENT COMMISSION International Zone, Baghdad, Iraq		PROJECT TITLE BISMAYAH NEW CITY PROJECT NATIONAL HOUSING PROGRAM				DRAWING TITLE 1ST FLOOR COMMON AREA TELEPHONE & TV SYSTEM LAYOUT (TYPE L1)		
Investor / Contractor HANWHA E&C		DRAWN BY	CHECKED BY	CHECKED BY	APPROVED BY	SCALE	DRAWING NO	REV
		2012	2012	2012	2012	A1 1:150 A3 1:300	E - 7108	