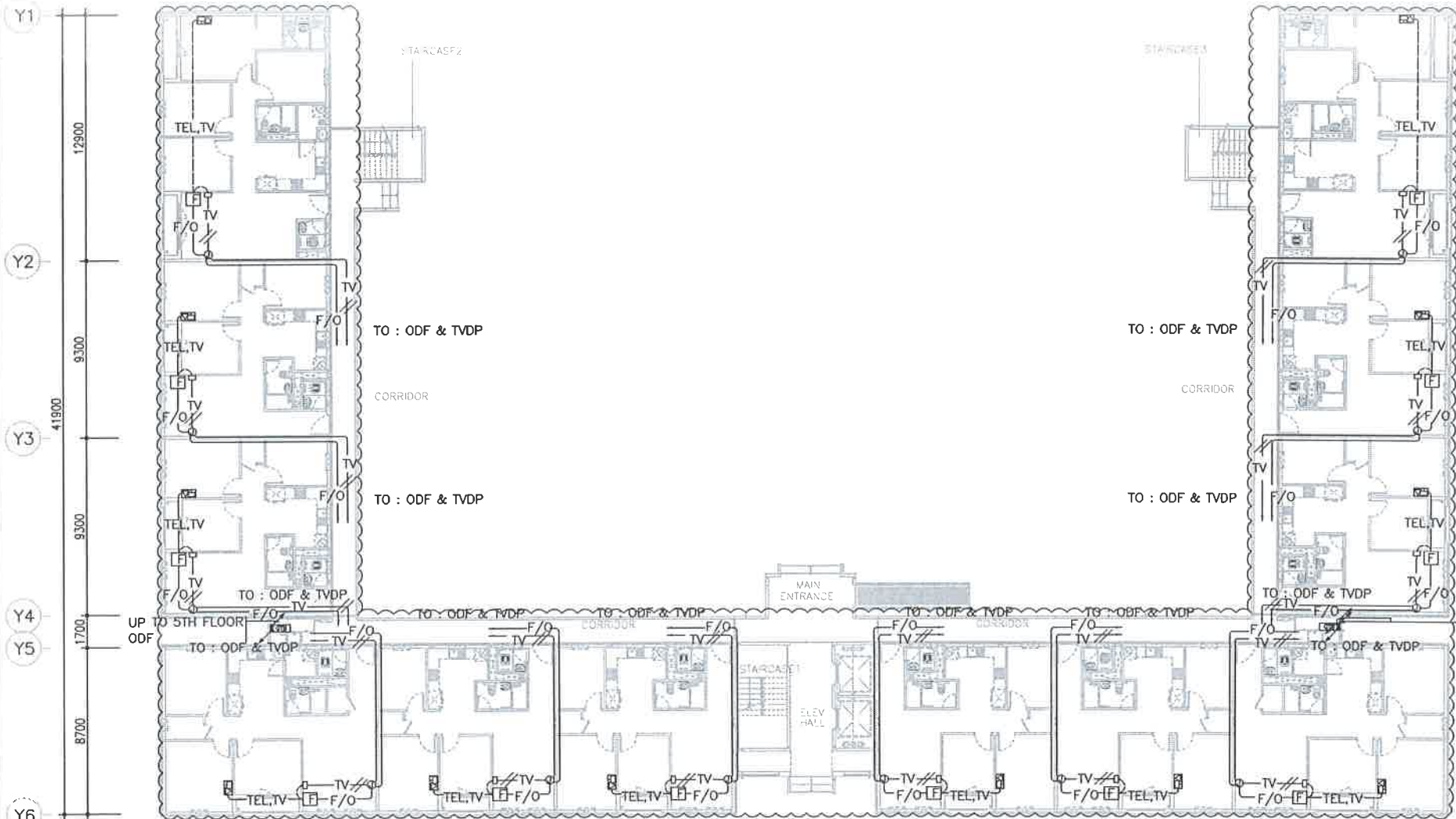
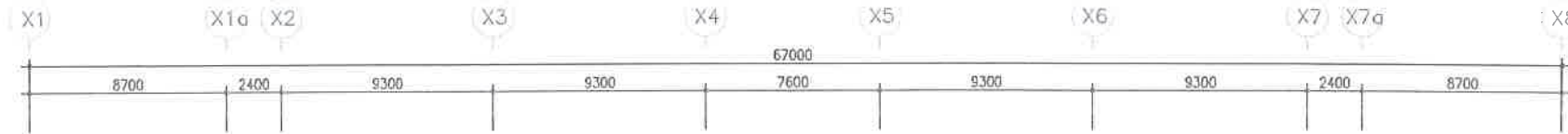


AFTER



SYMBOL		
SYMBOL	DESCRIPTION	REMARK
	TEL (VOICE & DATA) OUTLET	
	TEL (VOICE) & TV OUTLET	
	TV OUTLET	
	MAIN TELEVISION AMP DISTRIBUTION PANEL	
	TELEVISION SIGNAL DISTRIBUTION PANEL	
	OPTICAL TELEPHONE DISTRIBUTION BOX	
	SUB TELEPHONE TERMINAL BOX	
	TELEPHONE TERMINAL BOX	
	MULTIPLEXER	
	PULL BOX	
	JUNCTION BOX	
	HAND HOLE	
	GROUNDING TEST BOX	
	EARTH ELECTRODE	
	FIBER BOX(WITH OPTICAL AND RJ11 JACK)	
	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. 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. ~ 11
(G)	GV 16mm <sup>2</sup> X 1	(PVC 25C)
(O)	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 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)

LINE TYPE ACCORDING TO LOCATION OF CONDUIT	
---	EXPOSED CONDUIT
---	EMBEDDED IN H/C SLAB, SOLID SLAB, WALL
---	EMBEDDED IN TOPPING CONCRETE
---	UNDERGROUND

APPROVED  
Date: 200

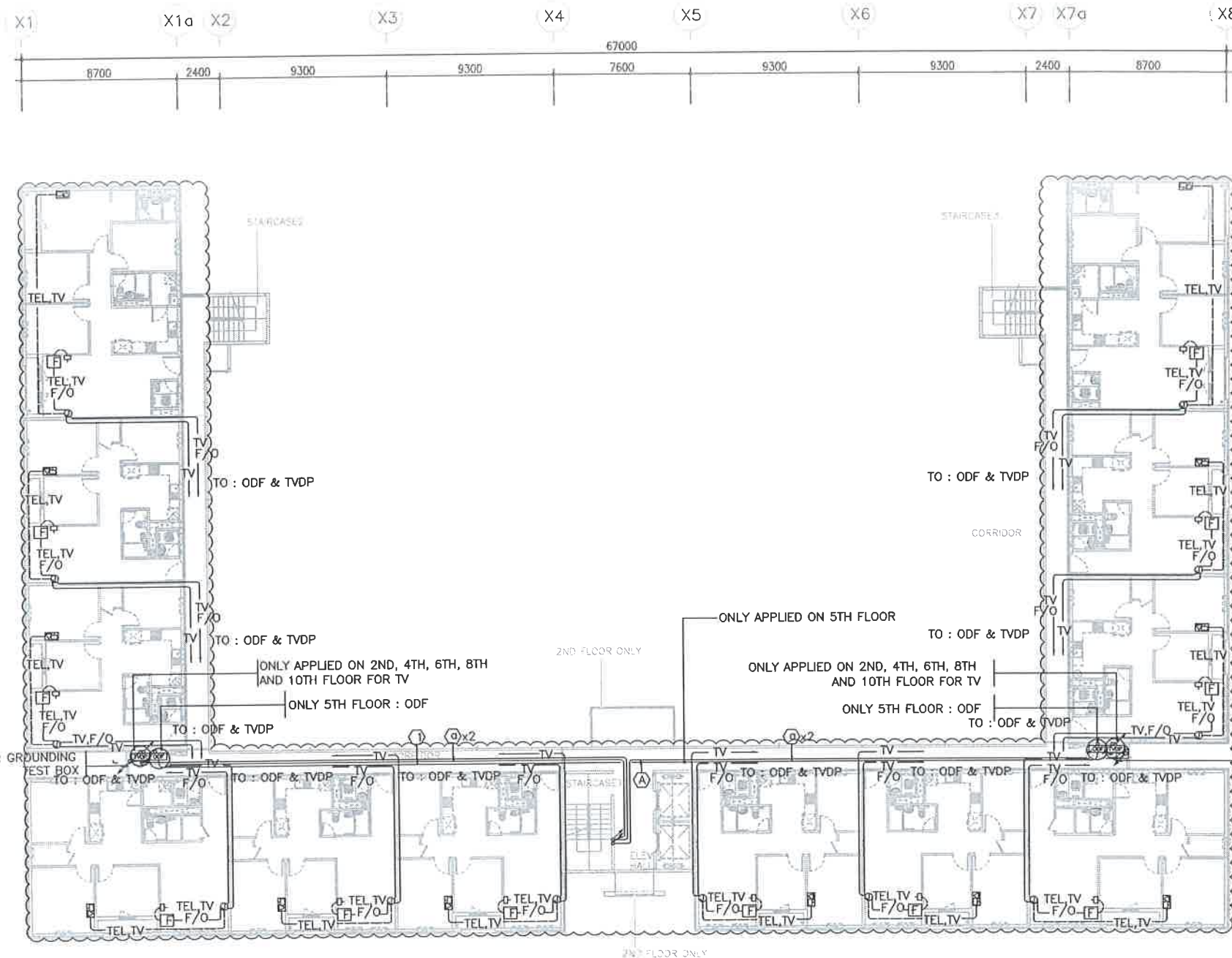
### 1 1ST FLOOR COMMON AREA TELEPHONE & TV SYSTEM LAYOUT (TYPE L1)

SCALE 1:300

- ALL BLOCK APPLY EXCLUDE AT A1,A3 BLOCK AND GROUND FLOOR OF THE A5 BLOCK(TRADITIONAL 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 2012	CHECKED BY 2012
	CHECKED BY 2012	APPROVED BY 2012
	SCALE A1 1:150 A3 1:300	DRAWING NO E - 7108
		REV

AFTER



SYMBOL		
SYMBOL	DESCRIPTION	REMARK
TEL	TEL (VOICE & DATA) OUTLET	
TV	TV OUTLET	
MTDP	MAIN TELEVISION AMP DISTRIBUTION PANEL	
STDP	TELEVISION SIGNAL DISTRIBUTION PANEL	
MTTB	MAIN TELEPHONE TERMINAL BOX	
STTB	STAIR 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. 2. 1
(G)	GV 16mm <sup>2</sup> x 1	(PVC 25C)
(C)	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)
TEL,TV	COAXIAL CABLE x 1	(CD 25C)
TEL,TV	F/O CABLE 1C x 1	(CD 25C)
TEL,TV	UTP CAT5 4P/0.5mm x 1	(CD 25C)
TEL,TV	COAXIAL CABLE x 1	(CD 25C)
TEL,TV	F/O CABLE 1C x 1	(CD 25C)
F/O	F/O CABLE 1C x 1	(CD 25C)

LINE TYPE ACCORDING TO LOCATION OF CONDUIT

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

APPROVEI

Date: 200

### 1 2ND~10TH FLOOR COMMON AREA TELEPHONE & TV SYSTEM LAYOUT (TYPE L1)

SCALE 1:300

- ONLY APPLY AT A1,A3 AND GROUND FLOOR OF THE A5 BLOCK(TRADITIONAL TYPE)

Owner NATIONAL INVESTMENT COMMISSION International Zone, Baghdad, Iraq		PROJECT TITLE BISMAYAH NEW CITY PROJECT NATIONAL HOUSING PROGRAM		DRAWING TITLE 2ND~10TH FLOOR COMMON AREA TELEPHONE & TV SYSTEM LAYOUT (TYPE L1)		
Investor / Contractor HANWHA E&C		DRAWN BY 2012	CHECKED BY 2012	CHECKED BY 2012	APPROVED BY 2012	SCALE A1 1:150 A3 1:300
					DRAWING NO E - 7109	REV