

STANDARD WARNA TUBE		
VISUAL	WARNA	NO. TUBE
BIRU	TUBE 1	6 CORE
ORANGE	TUBE 2	12 CORE
HIAU	TUBE 3	24/48 CORE
COKLAT	TUBE 4	
ABU	TUBE 5	
PUTIH	TUBE 6	
MERAH	TUBE 7	
HITAM	TUBE 8	96 CORE
KUNING	TUBE 9	
UNGU	TUBE 10	
PINK	TUBE 11	
CYAN	TUBE 12	144 CORE
PERAK	TUBE 14	
EMAS	TUBE 15	
BIRU	TUBE 16	
ORANGE	TUBE 17	
HIAU	TUBE 18	
COKLAT	TUBE 19	
ABU	TUBE 20	
PUTIH	TUBE 21	
MERAH	TUBE 22	288 CORE

STANDARD WARNA CORE		
VISUAL	WARNA	NO. CORE
BIRU	CORE 1	
ORANGE	CORE 2	
HIAU	CORE 3	
COKLAT	CORE 4	
ABU	CORE 5	
PUTIH	CORE 6	
MERAH	CORE 7	
HITAM	CORE 8	
KUNING	CORE 9	
UNGU	CORE 10	
PINK	CORE 11	
CYAN	CORE 12	

Hasil Perhitungan DRA:

1. Panjang Kabel

→ Closure Sd. Tanggung Tersebut

→ Closure Sd. Closure Baru

→ Closure Baru Sd. ODC 1

→ Closure Baru Sd. ODC 2

→ Kabel Vertical

(19 Closure (Kawat) x 6m) + (20m + 10% x 2) = 300m

total panjang kabel = 1415m

2. ODR = 38 (single sd) → Home pass SD = 304

Home pass actual = 214

space = 90

3. ODC 24 = 2 PCS, Home pass SD = 384

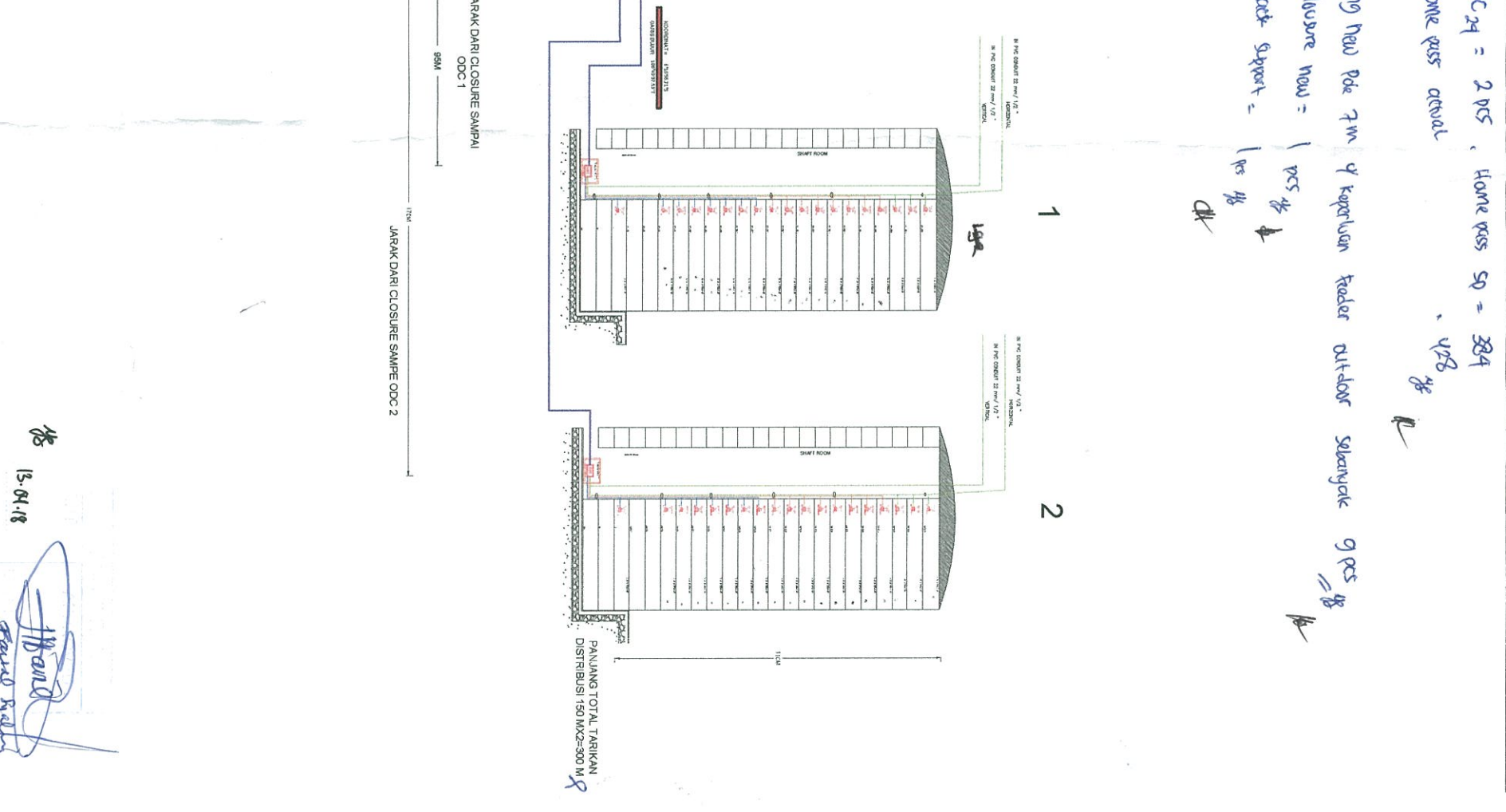
Home pass actual = 478

4. Atung New Pde 7m y. Koneksi Feeder outdoor sebanyak 9 PCS

5. Closure baru = 1 PCS

6. Stack Support = 1 PCS

7. Note: Fire Stop pada gubung, sudah terpasang, namun direvisikan lubang y. Jalur kabel distribusi, sehingga direvisikan y. pemasangan ODR distibusi lantai



AS PLAN DRAWING
OUTSIDE PLANT
FIBER TO THE HOME

PROJECT TYPE :

AS PLAN NUMBER :

DATE :

IN-HOUSE

LEGEND

- HUB OUT
- FIXING SLACK PLAN
- JOIN CLOSURE PLAN
- ODC/FIBER DISTRIBUTION TERMINAL PLAN
- ODC/FIBER ACCESS TERMINAL PLAN
- EXISTING MKM HANDHOLE
- PLAN HANDHOLE 150X150X150 CM
- PLAN HANDHOLE 120X120X120 CM
- PLAN HANDHOLE 100X100X100 CM
- PLAN HANDHOLE 80X80X80 CM
- PLAN HANDHOLE PIT 40X40X40 CM
- CABLE RISER
- RILLING ASPHALT (BORING ASPAL)
- EXCAVATION ASPHALT (GALI ASPAL)
- EXCAVATION LAND (GALI TANAH)
- EXCAVATION GRASS (GALI RUMPUT)
- PLAN POLE 7 METER
- PLAN GALVANIZED PIPE 6 METER
- EXISTING MKM POLE
- ANOTHER POLE
- LAGOMENTOR
- DUCT FO.
- DUCT DN.
- DROP WIRE
- FIBER 6/27
- FIBER 12/27
- FIBER 24/47
- FIBER 48/47
- FIBER 72/67
- FIBER 96/87
- FIBER 144/127
- FIBER 288/227

QUANTITY

- 1 PCS
- 1 METER PLAN
- 1 PCS CORE
- 2 PCS 24 CORE
- 38 PCS 18
- 1 PCS 182
- 428 MP

PT. MNC KABEL MEDIACOM

REVISION

CHECKED BY

DRAWN BY

INITIALS

DATE

PAGE

1 of 1

PM. REGION

PL. ODP. Region

DRAWING NAME

DRAWING NAME

SCALE

1 of 1

P. R. JAKA-WIRAWANDI

OSP Plan Desk Head

SCALE

1 of 1

MUSDAR SALEH

OSP Division Head

REVIEW

12/11/2018

MUHAMMAD AMIR

OSP Division

REVIEW

12/11/2018

HUB AREA : OLT

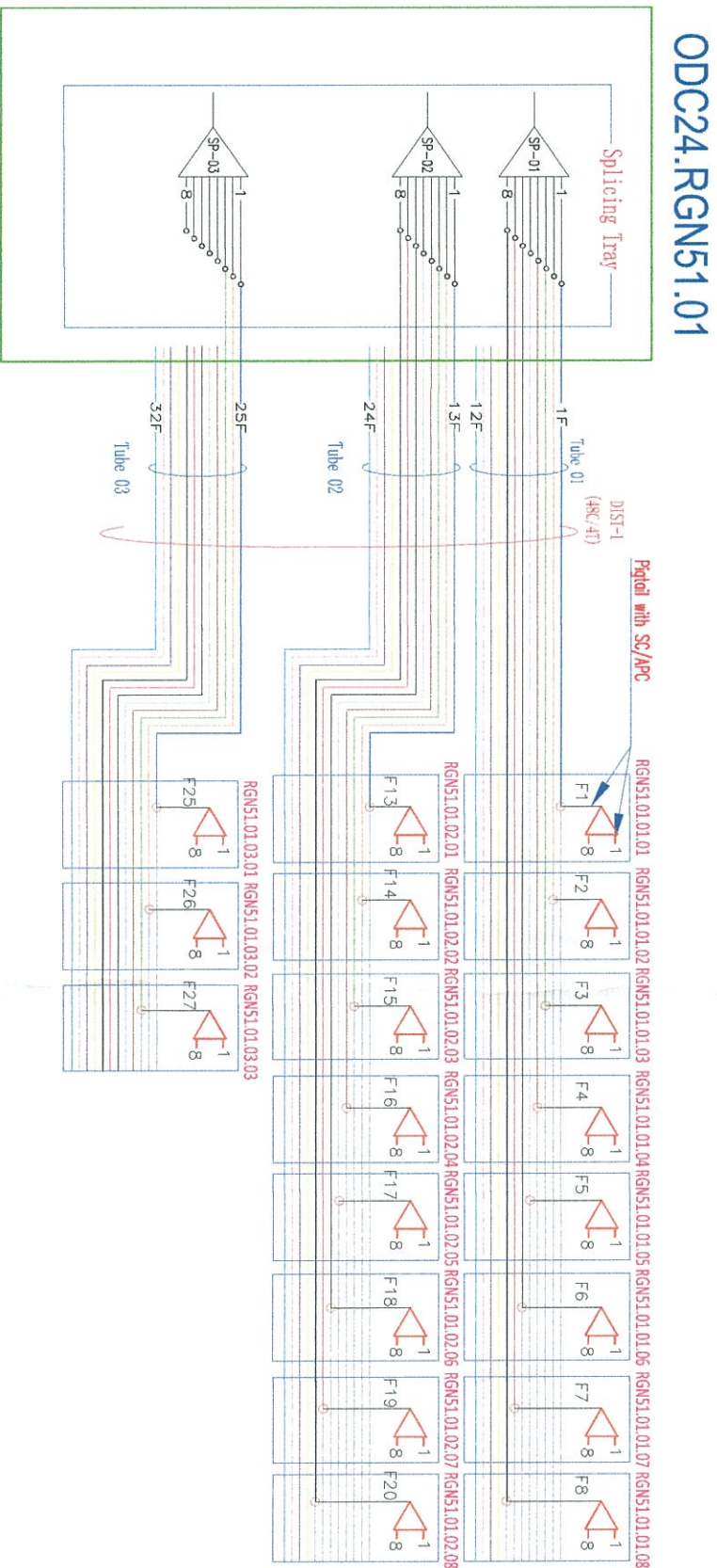
NODE AREA : RAGUNAN R. 11

CITY AREA : JAKARTA SELATAN

ACKNOWLEDGE

12/11/2018

STANDARD WARNA TUBE		
VISUAL	WARNA	KAP. KABEL
BIRU	TUBE 1	6 CORE
ORANGE	TUBE 2	12 CORE
HIAU	TUBE 3	
COKLAT	TUBE 4	24/48 CORE
ABU	TUBE 5	
PUTIH	TUBE 6	
MERAH	TUBE 7	
HITAM	TUBE 8	96 CORE
KUNING	TUBE 9	
UNGU	TUBE 10	
PINK	TUBE 11	
CYAN	TUBE 12	144 CORE
PERAK	TUBE 14	
EMAS	TUBE 15	
BIRU	TUBE 16	
ORANGE	TUBE 17	
HIAU	TUBE 18	
COKLAT	TUBE 19	
ABU	TUBE 20	
PUTIH	TUBE 21	
MERAH	TUBE 22	288 CORE
STANDARD WARNA CORE		
VISUAL	WARNA	NO. CORE
BIRU	CORE 1	
ORANGE	CORE 2	
HIAU	CORE 3	
COKLAT	CORE 4	
ABU	CORE 5	
PUTIH	CORE 6	
MERAH	CORE 7	
HITAM	CORE 8	
KUNING	CORE 9	
UNGU	CORE 10	
PINK	CORE 11	
CYAN	CORE 12	
KETERANGAN:		
TUBE KABEL CORE KABEL JACKET KABEL		
ODP/FAT		
ALOKAS CORE: KAPASITAS KABEL NO. TUBE KABEL NO. CORE KABEL		
KAPASITAS KABEL, TUBE DAN CORE A. 6 CORE / 1 TUBE, 1 TUBE = 6 CORE B. 12 CORE / 2 TUBE, 1 TUBE = 6 CORE C. 24 CORE / 4 TUBE, 1 TUBE = 6 CORE D. 48 CORE / 8 TUBE, 1 TUBE = 12 CORE E. 96 CORE / 16 TUBE, 1 TUBE = 12 CORE F. 144 CORE / 24 TUBE, 1 TUBE = 12 CORE G. 144 CORE / 24 TUBE, 1 TUBE = 12 CORE H. 288 CORE / 24 TUBE, 1 TUBE = 12 CORE		



PROJECT CONTROL

RECEIPT

APPROVED

Date: 13.04.18

PT. MNC KABEL MEDIACOM

AS PLAN DRAWING
OUTSIDE PLANT
FIBER TO THE HOME

PROJECT TYPE : ..

AS PLAN NUMBER : ..

DATE : TANGGAL / BULAN / TAHUN

IN-HOUSE

LEGEND

QUANTITY

HUB OUT

FIXING SLACK PLAN

JOIN CLOSURE PLAN

ODC/FIBER DISTRIBUTION TERMINAL PLAN

ODP/FIBER ACCESS TERMINAL PLAN

EXISTING MKN HANDHOLE

PLAN HANDHOLE 160X160X160 CM

PLAN HANDHOLE 120X120X120 CM

PLAN HANDHOLE 100X100X100 CM

PLAN HANDHOLE 80X80X80 CM

PLAN HANDHOLE 60X60X60 CM

CABLE RISER

RILLING ASPHALT (BORING ASPAL)

EXCAVATION ASPHALT (GALI ASPAL)

EXCAVATION LAND (GALI TANAH)

EXCAVATION GRASS (GALI RUMPUT)

PLAN POLE 9 METER

PLAN POLE 7 METER

PLAN GALVANIZED PIPE 6 METER

EXISTING MKN POLE

ANOTHER POLE

L-KONEKTOR

DUGIT FO.

DUGIT DW.

DROP WIRE

FIBER 02T

FIBER 122T

FIBER 244T

FIBER 484T

FIBER 726T

FIBER 968T

FIBER 14412T

FIBER 26422T

423 HP

HUB AREA : QLT

NODE AREA : RAGUNAN RW/11

CITY AREA : JAKARTA SELATAN

ACKNOWLEDGE

MUSDAR SALEH
OSP Division Head

MUHAMMAD AMIR
OSP Division

REVIEW

26/10

PT. MNC KABEL MEDIACOM

DRAWING NAME

SCALE

NTS

PAGE

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REVISION

INITIALS

DATE

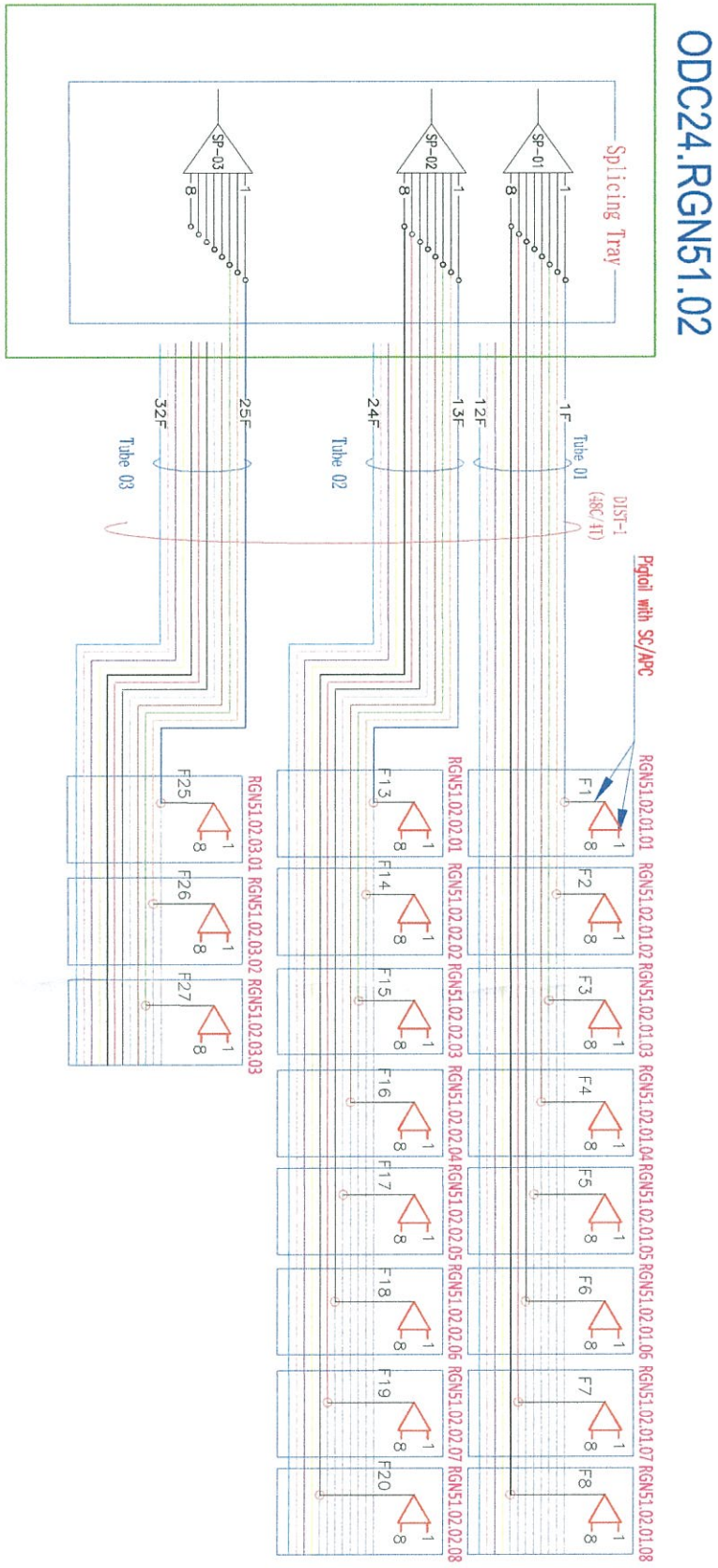
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TITIPERAN













DRAWN BY

REVISOR

STANDARD WARNA TUBE		
VISUAL	WARNA	NO. TUBE
KAP. KABEL		
= BIRU = TUBE 1		
= ORANGE = TUBE 2		
= HIJAU = TUBE 3		
= COKLAT = TUBE 4		
= ABU = TUBE 5		
= PUTIH = TUBE 6		
= MERAH = TUBE 7		
= HITAM = TUBE 8		
= KUNING = TUBE 9		
= UNGU = TUBE 10		
= PINK = TUBE 11		
= CYAN = TUBE 12		
= PERAK = TUBE 14		
= EMAS = TUBE 15		
= BIRU = TUBE 16		
= ORANGE = TUBE 17		
= HIJAU = TUBE 18		
= COKLAT = TUBE 19		
= ABU = TUBE 20		
= PUTIH = TUBE 21		
= MERAH = TUBE 22		
264 CORE		
STANDARD WARNA CORE		
VISUAL WARNA NO. CORE		
= BIRU = CORE 1		
= ORANGE = CORE 2		
= HIJAU = CORE 3		
= COKLAT = CORE 4		
= ABU = CORE 5		
= PUTIH = CORE 6		
= MERAH = CORE 7		
= HITAM = CORE 8		
= KUNING = CORE 9		
= UNGU = CORE 10		
= PINK = CORE 11		
= CYAN = CORE 12		
KETERANGAN:		
TUBE KABEL		
CORE KABEL		
JACKET KABEL		
ODP/FAT		
ALOKAS CORE		
KAPASITAS CORE KABEL		
NO. CORE KABEL		
KAPASITAS KABEL, TUBE DAN CORE		
A. 6 CORE / 1 TUBE, 1 TUBE = 6 CORE		
B. 12 CORE / 2 TUBE, 1 TUBE = 6 CORE		
C. 24 CORE / 4 TUBE, 1 TUBE = 6 CORE		
D. 48 CORE / 8 TUBE, 1 TUBE = 6 CORE		
E. 96 CORE / 16 TUBE, 1 TUBE = 6 CORE		
F. 144 CORE / 24 TUBE, 1 TUBE = 6 CORE		
G. 288 CORE / 48 TUBE, 1 TUBE = 6 CORE		
H. 576 CORE / 96 TUBE, 1 TUBE = 6 CORE		



	BIRU	TUBE 1	6 CORE
	ORANGE	TUBE 3	12 CORE
	HIAU	TUBE 2	
	COKLAT	TUBE 4	2448 CORE
	ABU	TUBE 5	
	PUTIH	TUBE 6	
	MERAH	TUBE 7	
	HIRAM	TUBE 8	96 CORE
	KUNING	TUBE 9	
	UNGU	TUBE 10	
	PINK	TUBE 11	
	CYAN	TUBE 12	144 CORE
	PERAK	TUBE 14	
	EMAS	TUBE 15	
	BIRU	TUBE 16	
	ORANGE	TUBE 17	
	HIAU	TUBE 18	
	COKLAT	TUBE 19	
	ABU	TUBE 20	
	PUTIH	TUBE 21	
	MERAH	TUBE 22	264 CORE

	BIRU	CORE 1
	ORANGE	CORE 2
	HIJAU	CORE 3
	COBLAT	CORE 4
	ABU	CORE 5
	PUTIH	CORE 6
	MERAH	CORE 7
	HITAM	CORE 8
	KUNING	CORE 9
	UNGU	CORE 10
	PINK	CORE 11
	CYAN	CORE 12

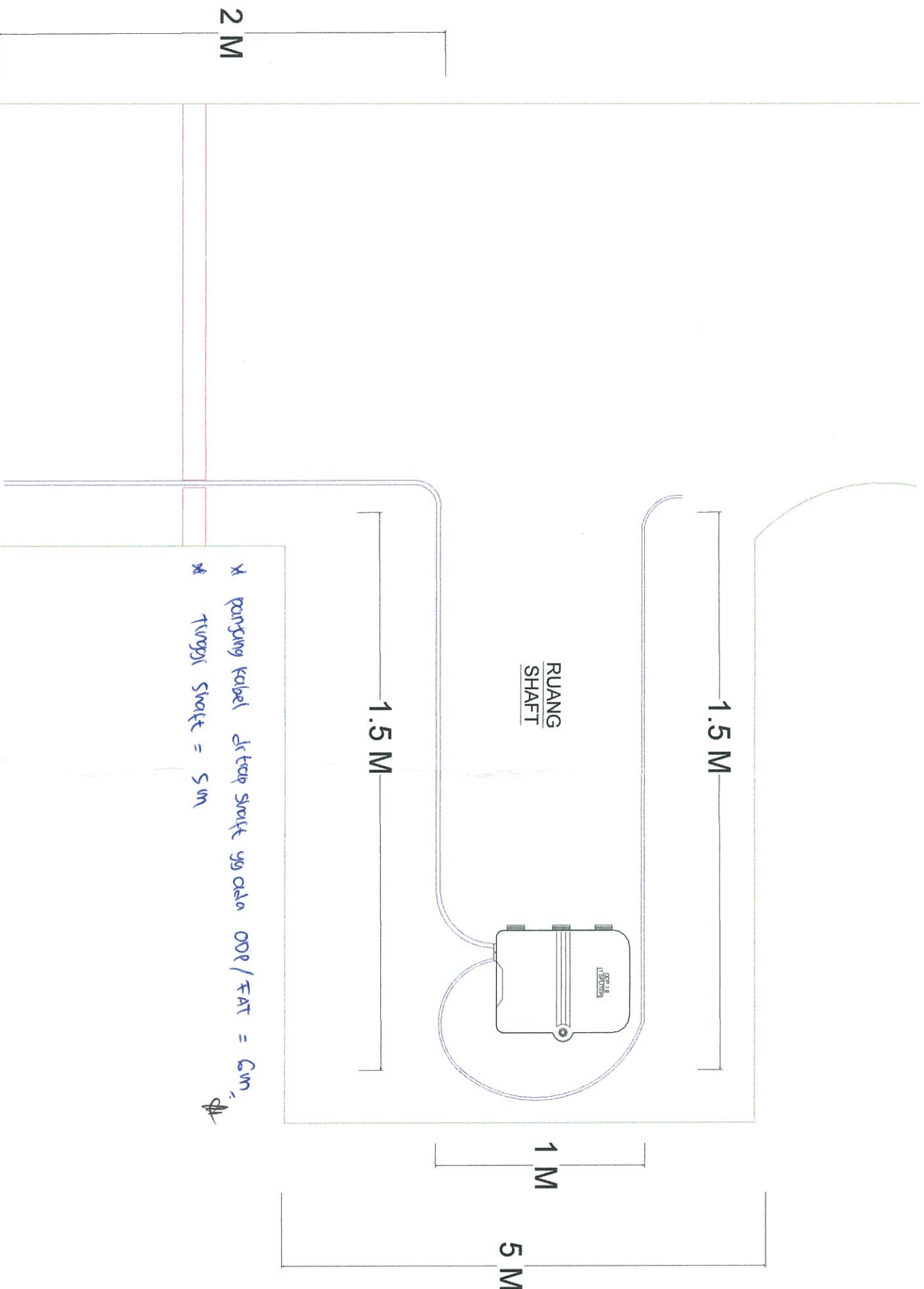
ALOKASI CORE IN SPUITER
JUMLAH HOME PASS YANG DILAYANI
JUMLAH DAN SPUITER YANG DIPASANG

ODF



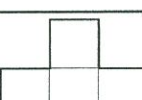
MAKNA ODP/PEAT

ALOKASI CORE:
KAPASITAS CORE KABEL
NO. TUBE KABEL
NO. CORE KABEL

KAPASITAS KABEL, TUBE DAN CORE



PROJECT CONTROL	
RECEIVED	APPROVED
 Date: 11-01-18	 Date: 11-01-18

AS PLAN DRAWING OUTSIDE PLANT FIBER TO THE HOME					
PROJECT TYPE :					
AS PLAN NUMBER : .:					
DATE : / /		JANGAL / BLAU / TAJUIN			
					
<div style="display: flex; justify-content: space-around;"> <div>IN-HOUSE</div> <div>   </div> </div>					
LEGEND			QUANTITY		
<ul style="list-style-type: none"> HUB OUT FINISHING SLACK PLAN JOIN CLOSURE PLAN OPTICAL FIBER DISTRIBUTION TERMINAL PLAN ODF/FIBER ACCESS TERMINAL PLAN 			<ul style="list-style-type: none"> - PCS 1/PORT - PCS - CORE - PCS IN CORE - PCS 1/8 - PCS 1/X2 		
<p>HUB AREA : QLT</p> <p>NODE AREA : RAGMAN PW.11</p> <p>CITY AREA : JAKARTA SELATAN</p>			<p>HUB AREA : QLT</p> <p>NODE AREA : RAGMAN PW.11</p> <p>CITY AREA : JAKARTA SELATAN</p>		
ACKNOWLEDGE			ACKNOWLEDGE		
<p>MUSDAR SALEH</p> <p>CSF Division Head</p> <p><i>[Signature]</i></p>			<p>MUHAMMAD AMIR</p> <p>CSF Division</p> <p><i>[Signature]</i></p>		
REVIEW			REVIEW		
<p>P.M. REGION</p> <p>Tek. CSF- Region</p> <p>DRAWING NAME</p>			<p>P.R. JAKA WIRAKANDI</p> <p>CSF Papan Dept. Head</p> <p>SCALE</p>		
PT. MNC KABEL MEDIACOM			PT. MNC KABEL MEDIACOM		
REVISION	INITIALS	DATE	NTS	PAGE	1 OF 1
CHECKED BY	TECHNICAL				
DRAWN BY	TECHNICIAN				

STANDARD WARNA TUBE			
VISUAL	WARNA	NO. TUBE	KAP. KABEL
	= BIRU	= TUBE 1	6 CORE
	= ORANGE	= TUBE 2	12 CORE
	= HIJAU	= TUBE 3	
	= COKLAT	= TUBE 4	24/48 CORE
	= ABU	= TUBE 5	
	= PUTIH	= TUBE 6	
	= MERAH	= TUBE 7	
	= HITAM	= TUBE 8	96 CORE
	= KUNING	= TUBE 9	
	= UNGU	= TUBE 10	
	= PINK	= TUBE 11	
	= CYAN	= TUBE 12	144 CORE
	= PERAK	= TUBE 14	
	= BIRU	= TUBE 16	
	= ORANGE	= TUBE 17	
	= HIJAU	= TUBE 18	
	= COKLAT	= TUBE 19	
	= ABU	= TUBE 20	
	= PUTIH	= TUBE 21	
	= MERAH	= TUBE 22	264 CORE

STANDARD WARNA CORE			
VISUAL	WARNA	NO. CORE	
	= BIRU	= CORE 1	
	= ORANGE	= CORE 2	
	= HIJAU	= CORE 3	
	= COKLAT	= CORE 4	
	= ABU	= CORE 5	
	= PUTIH	= CORE 6	
	= MERAH	= CORE 7	
	= HITAM	= CORE 8	
	= KUNING	= CORE 9	
	= UNGU	= CORE 10	
	= PINK	= CORE 11	
	= CYAN	= CORE 12	

KETERANGAN:

TUBE KABEL
CORE KABEL
JACKET KABEL

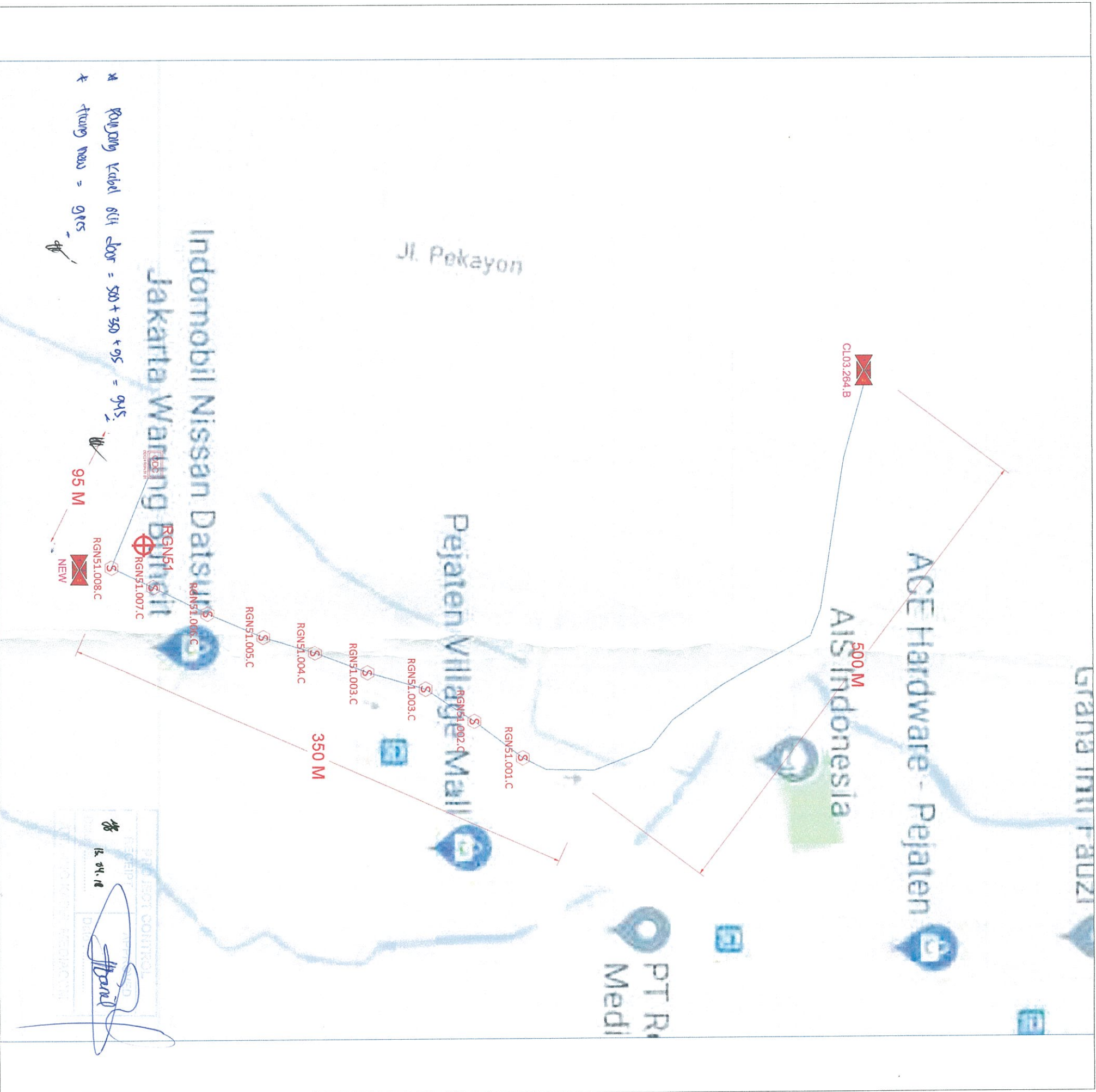
ODP/FAT

ALOKASI CORE IN SPLITER
Jumlah HomePass yang Di Layani
Jumlah Duct Splitter yang Dipasang
Nama ODP/FAT

ALOKASI CORE:
KAPASITAS CORE KABEL
NO. TUBE KABEL
NO. CORE KABEL

FOUR-TX-2X

KAPASITAS KABEL, TUBE DAN CORE
A. 6 CORE / 1 TUBE, 1 TUBE = 6 CORE
B. 12 CORE / 2 TUBE, 1 TUBE = 6 CORE
C. 24 CORE / 4 TUBE, 1 TUBE = 6 CORE
D. 48 CORE / 8 TUBE, 1 TUBE = 12 CORE
E. 96 CORE / 16 TUBE, 1 TUBE = 12 CORE
F. 144 CORE / 12 TUBE, 1 TUBE = 12 CORE
G. 264 CORE / 22 TUBE, 1 TUBE = 12 CORE



AS PLAN DRAWING OUTSIDE PLANT FIBER TO THE HOME	
PROJECT TYPE	...
AS PLAN NUMBER	...
DATE	...

IN-HOUSE	

LEGEND	QUANTITY
• HUB OUT	• RING PORT
• JOIN CLOSURE PLAN	1 PCS
• JOIN CLOSURE PLAN	1 ITEM EXT
• ODP/FIBER DISTRIBUTION TERMINAL PLAN	• PCS - CORE
• ODP/FIBER DISTRIBUTION TERMINAL PLAN	1 PCS 24 CORE
• ODP/FIBER DISTRIBUTION TERMINAL PLAN	• PCS 18
• ODP/FIBER DISTRIBUTION TERMINAL PLAN	• PCS 1292

<ul style="list-style-type: none"> EXISTING MKM HANDHOLE PLAN HANDHOLE 150X150X150 CM PLAN HANDHOLE 120X120X120 CM PLAN HANDHOLE 100X100X100 CM PLAN HANDHOLE 80X80X80 CM PLAN HANDHOLE PIT 60X60X60 CM PLAN HANDHOLE PIT 40X40X40 CM CABLE RISER RILLING ASPHALT (BORING ASPAL) EXCAVATION ASPHALT (GALI ASPAL) EXCAVATION LAND (GALI TANAH) EXCAVATION GRASS (GALI RUMPUT) PLAN POLE 9 METER PLAN POLE 7 METER PLAN GALVANIZED PIPE 8 METER EXISTING MKM POLE ANOTHER POLE EXISTING MKM POLE DUCT DM. DUCT DM. DROP WIRE FIBER 0/21 FIBER 12/21 FIBER 24/41 FIBER 48/41 FIBER 72/61 FIBER 96/61 FIBER 144/121 FIBER 288/221 	<ul style="list-style-type: none"> 428 HP 945 M 9 PCS 428 HP
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HUB AREA	OUT
NODE AREA	RAGUNAN RW.11
CITY AREA	JAKARTA SELATAN

ACKNOWLEDGE	
MUSDIAR SALEH OSP Division	MUHAMMAD AMIR OSP Division

PT. MNC KABEL MEDIACOM	REVISION	DATE
1	1	24/10

PT. MNC KABEL MEDIACOM	DRAWING NAME	SCALE
1	1	1:1

CHECKED BY	DATE
DRAWN BY	DATE