


COVER

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|---|---------------------------------|
|  | FIBER OPTIC PATCHCORD |
|  | ETHERNET CAT6 CABLE |
|  | OPTICAL POWER GROUND WIRE |
|  | FIBER OPTIC CABLE |
|  | FIBER OPTIC JOINT BOX ON GANTRY |
|  | SDH/PDH MULTIPLEXER TYPE FOX515 |
|  | SDH/PDH MULTIPLEXER TYPE FOX616 |
|  | EXISTING LOCATION |
|  | NEW LOCATION |

NSCC

KETRACO'S NATIONAL SYSTEM CONTROL CENTER,
A FUTURE PROJECT FOR THE CONTROL AND
OPERATION OF KETRACO'S TRANSMISSION
NETWORK AND FOR POWER DISPATCH.



 NCC

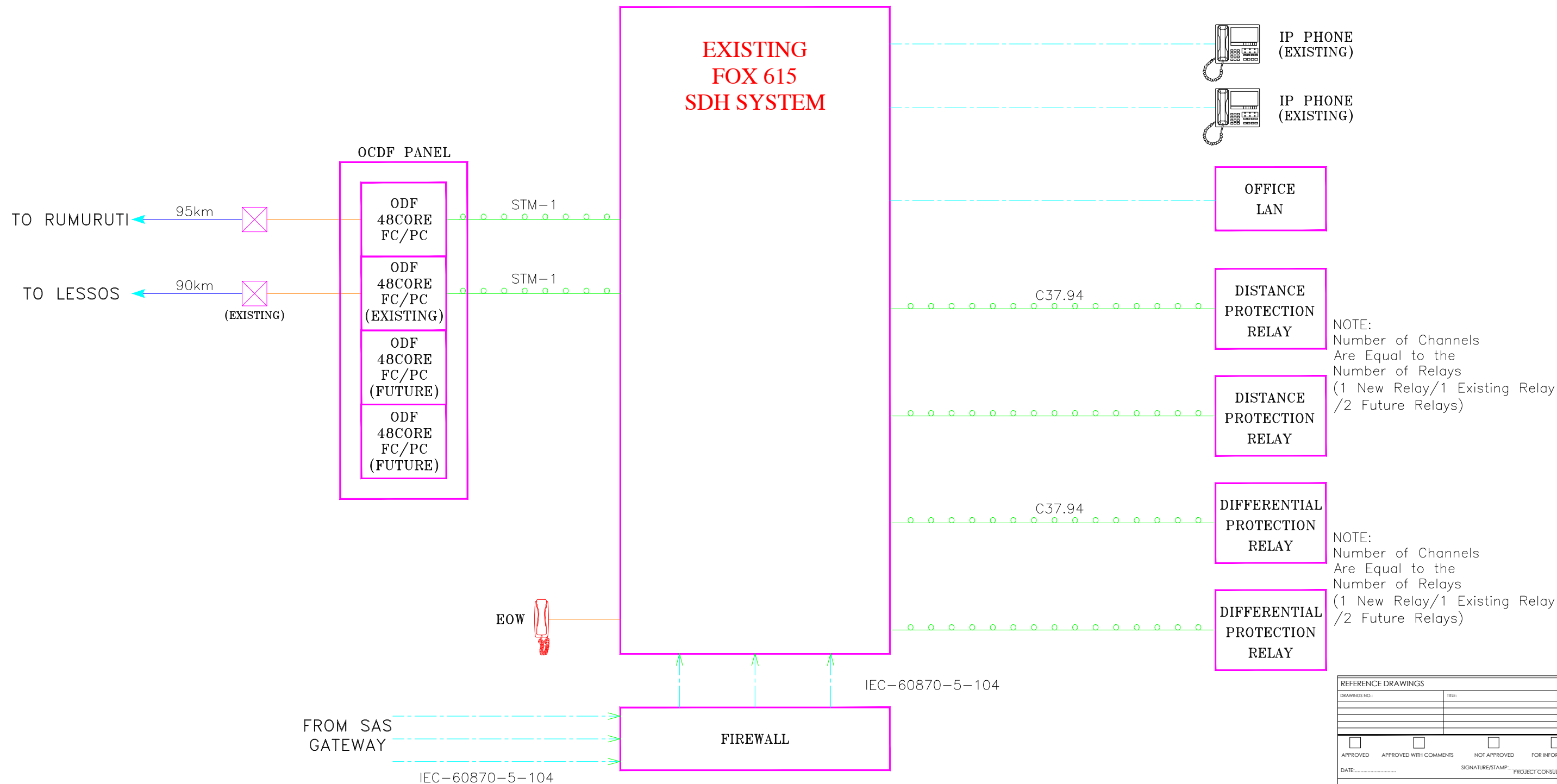
NATIONAL CONTROL CENTER OWNED AND OPERATED BY KPLC FOR THE OPERATION OF THE COUNTRY'S TRANSMISSION GRID AND FOR POWER DISPATCH.

RCC

REGIONAL CONTROL CENTER OWNED AND OPERATED BY KPLC FOR THE OPERATION OF THE REGION'S DISTRIBUTION NETWORK AND MONITORING OF GRID.

LEGEND & NOTE

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| REFERENCE DRAWINGS | | | | | |
| DRAWINGS NO: | | TITLE | | | |
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| APPROVED | | APPROVED WITH COMMENTS | | NOT APPROVED FOR INFORMATION | |
| DATE..... | | SIGNATURE/STAMP:.....PROJECT CONSULTANT..... | | | |
| <div><div><div>KETRACOKenya Electricity Transmission Company Limited</div></div><div>KENYA ELECTRICITY TRANSMISSION COMPANY LTD</div></div> | | | | | |
| <div><div><div>COLENCOCONSULTING LIMITED</div></div></div> | | | | | |
| PROJECT: KENYA TRANSMISSION NETWORK IMPROVEMENT PROJECT (KTRNIP). | | | | | |
| PROJECT DRA WING NO. | | | | | |
| NAME: | | DATE: | | PROJECT NO: | |
| PREPARED: NIL | | | | KABARNET132/33kV SUBSTATION | |
| DRAWN: F.J | | 09/05/2025 | | TITLE: | |
| CHECKED: V.JOSHI | | 09/05/2025 | | TELECOMMUNICATION SYSTEM LAYOUT | |
| APPROVED: S.DESHMUKH | | 09/05/2025 | | LEGEND & NOTE | |
| REVISIONS | | | | | |
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| | | | | | |
| NO. NAME DATE | | | | | |
| SCALE: 1:600 | | DWG NO. | | REV.: | |




NOTE:
Number of Channels
Are Equal to the
Number of Relays
(1 New Relay/1 Existing Relay
/2 Future Relays)

NOTE:
Number of Channels
Are Equal to the
Number of Relays
(1 New Relay/1 Existing Relay
/2 Future Relays)

TELECOMMUNICATION SYSTEM LAYOUT KABARNET 132/33kV SUBSTATION

TELECOMMUNICATION SYSTEM LAYOUT

| REFERENCE DRAWINGS | | | |
|--|------------|--|----------------------|
| DRAWINGS NO.: | TITLE: | | |
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| <div><input type="checkbox"/> APPROVED</div> <div><input type="checkbox"/> APPROVED WITH COMMENTS</div> <div><input type="checkbox"/> NOT APPROVED</div> <div><input type="checkbox"/> FOR INFORMATION</div> | | | |
| DATE:..... | | SIGNATURE/STAMP:-----PROJECT CONSULTANT----- | |
|  | | KENYA ELECTRICITY TRANSMISSION COMPANY LTD | |
|  | | COLENCO CONSULTING LIMITED | |
| PROJECT: KENYA TRANSMISSION NETWORK IMPROVEMENT PROJECT (KTRNIP). | | | |
| PROJECT DRAWING NO.: | | | |
| NAME: | DATE: | PROJECT NO.: | |
| PREPARED: NIL | 09/05/2025 | KABARNET132/33kV SUBSTATION | |
| DRAWN: F.J | 09/05/2025 | TITLE: | |
| CHECKED: V.JOSHI | 09/05/2025 | TELECOMMUNICATION SYSTEM LAYOUT | |
| APPROVED: S.DESHMUKH | 09/05/2025 | | |
| REVISIONS | | | |
| NO. | NAME | DATE | |
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| SCALE: | 1:600 | DWG NO. | KABARNET-TELECOM-001 |
| | | | REV.: |