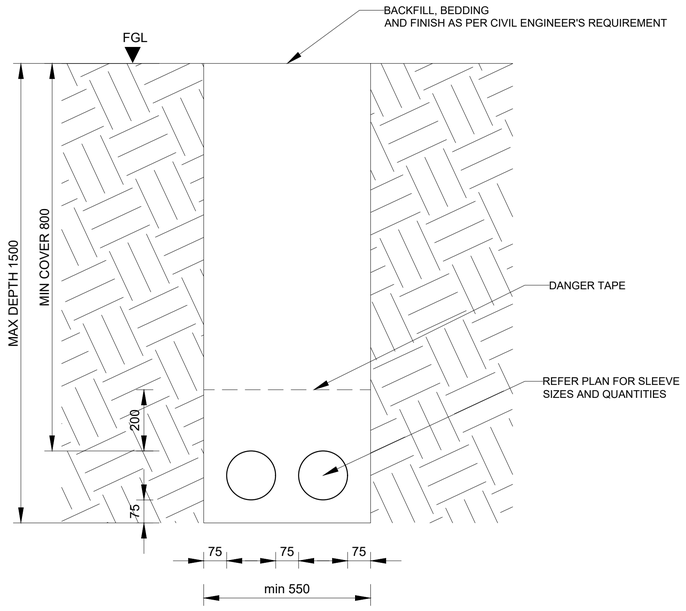
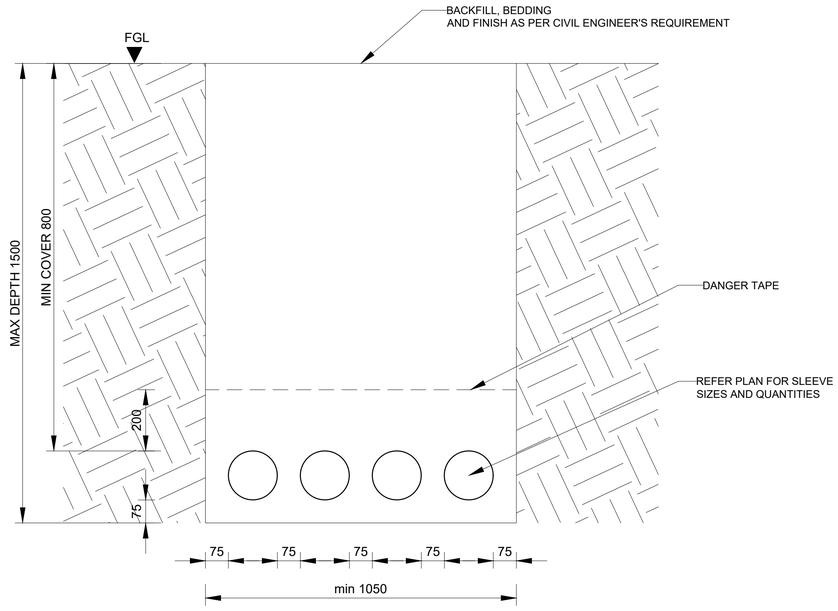
DRAWING NOTES:

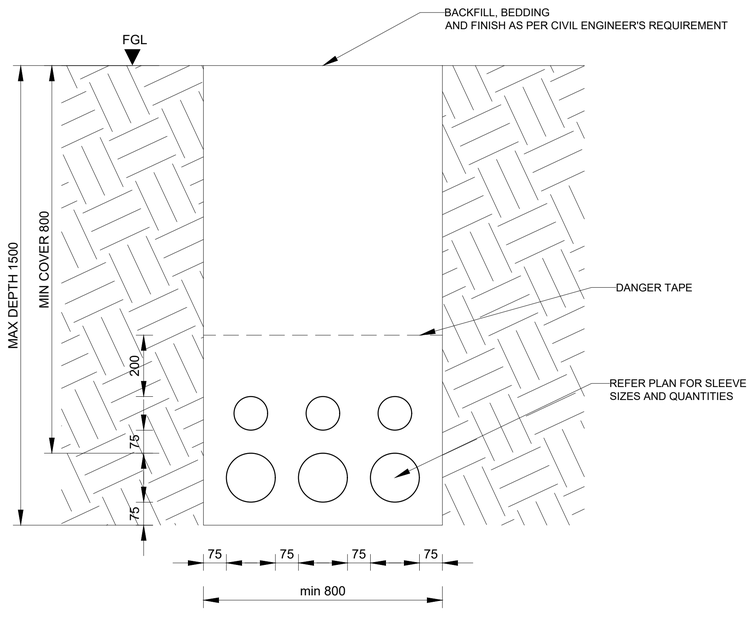
1. REFER TO PLAN FOR QUANTITY AND SIZE OF SLEEVES.
2. ALL SLEEVES TO EXTEND 1000MM BEYOND ROAD EDGE.
3. ALL BACKFILL BEDDING AND FINISH MATERIAL TO BE SPECIFIED BY CIVIL ENGINEERS.
4. TRENCH TO BE BACKFILLED IN 150MM LAYERS AND COMPACTED WITH MECHANICAL VIBRATORS TO 90% MOD AASHTO DENSITY.
5. ALL SLEEVES TO BE HDPE / HEAVY DUTY CLASS 34 UPVC CORRUGATED SLEEVES WITH A SMOOTH FINISH ON INSIDE WALL.
6. ALL SLEEVES TO BE CAPPED TO PREVENT INGRESS OF WATER AND DIRT.
7. ALL SLEEVES TO BE PROVIDED WITH GALVANIZED DRAW WIRE/ ROPE FOR CABLE INSTALLATION.
8. ALL SLEEVES FOR ROAD CROSSINGS ARE TO REMAIN WITHIN 2000MM WIDE TRENCH. SHOULD THIS REQUIREMENT BE EXCEEDED THEN A DUAL LAYER DUCT ARRANGEMENT WILL APPLY.
9. IN THE CASE OF CABLES WITH A CONDUCTOR SIZE OF NOT MORE THAN 70mm2, THE MINIMUM HORIZONTAL FREE SPACE REQUIRED BETWEEN CABLES IS 75mm.
10. IN THE CASE OF CABLES WITH A CONDUCTOR SIZE EXCEEDING 70mm^2, THE MINIMUM HORIZONTAL FREE SPACE REQUIRED BETWEEN CABLES IS 105mm.



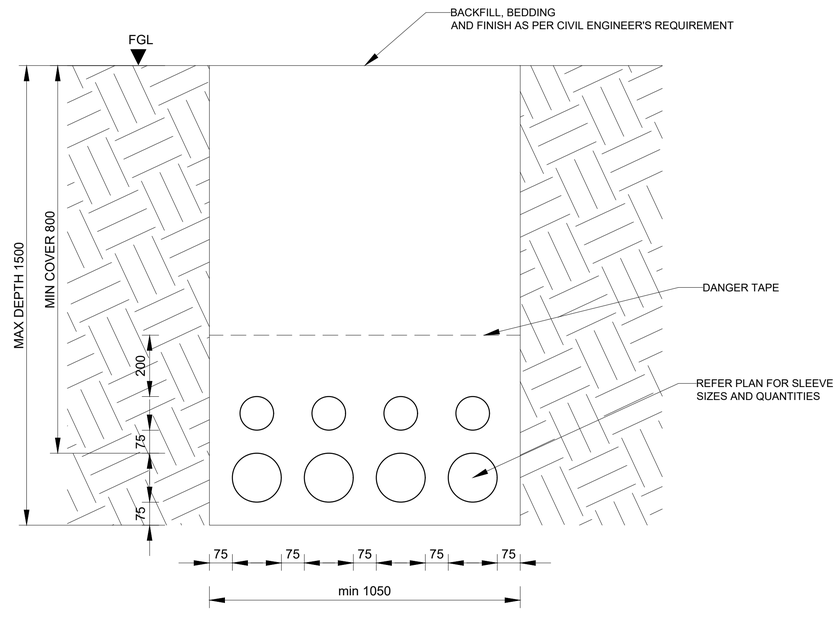
SLEEVES AT ROAD CROSSINGS
TYPICAL SECTION(2 SLEEVES - 1 LAYER)
(1:10)



SLEEVES AT ROAD CROSSINGS
TYPICAL SECTION(4 SLEEVES - 1 LAYER)
(1:10)



SLEEVES AT ROAD CROSSINGS
TYPICAL SECTION(6 SLEEVES - 2 LAYER)
(1:10)



SLEEVES AT ROAD CROSSINGS
TYPICAL SECTION (8 SLEEVES - 2 LAYER)
(1:10)

No.	DATE	REVISION	APPROVED
V1	10-07-2020	ORIGINAL VERSION	

SANRAL TYPICAL DRAWINGS

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APPROVED

Date:

TYPICAL DRAWINGS - ELECTRICAL

SLEEVE INSTALLATION STANDARD DETAILS

SANRAL DOC No. (PDF): -
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