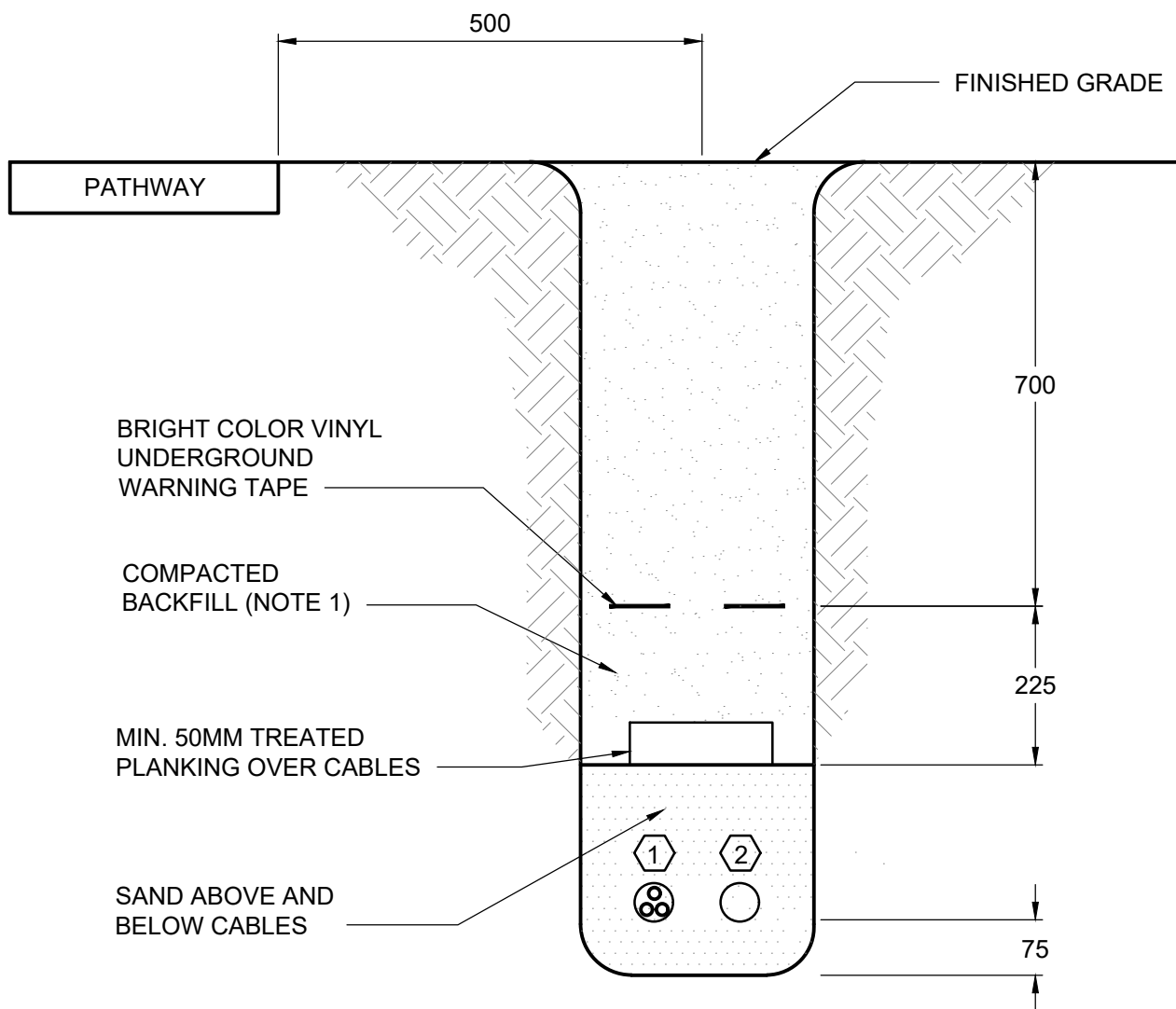
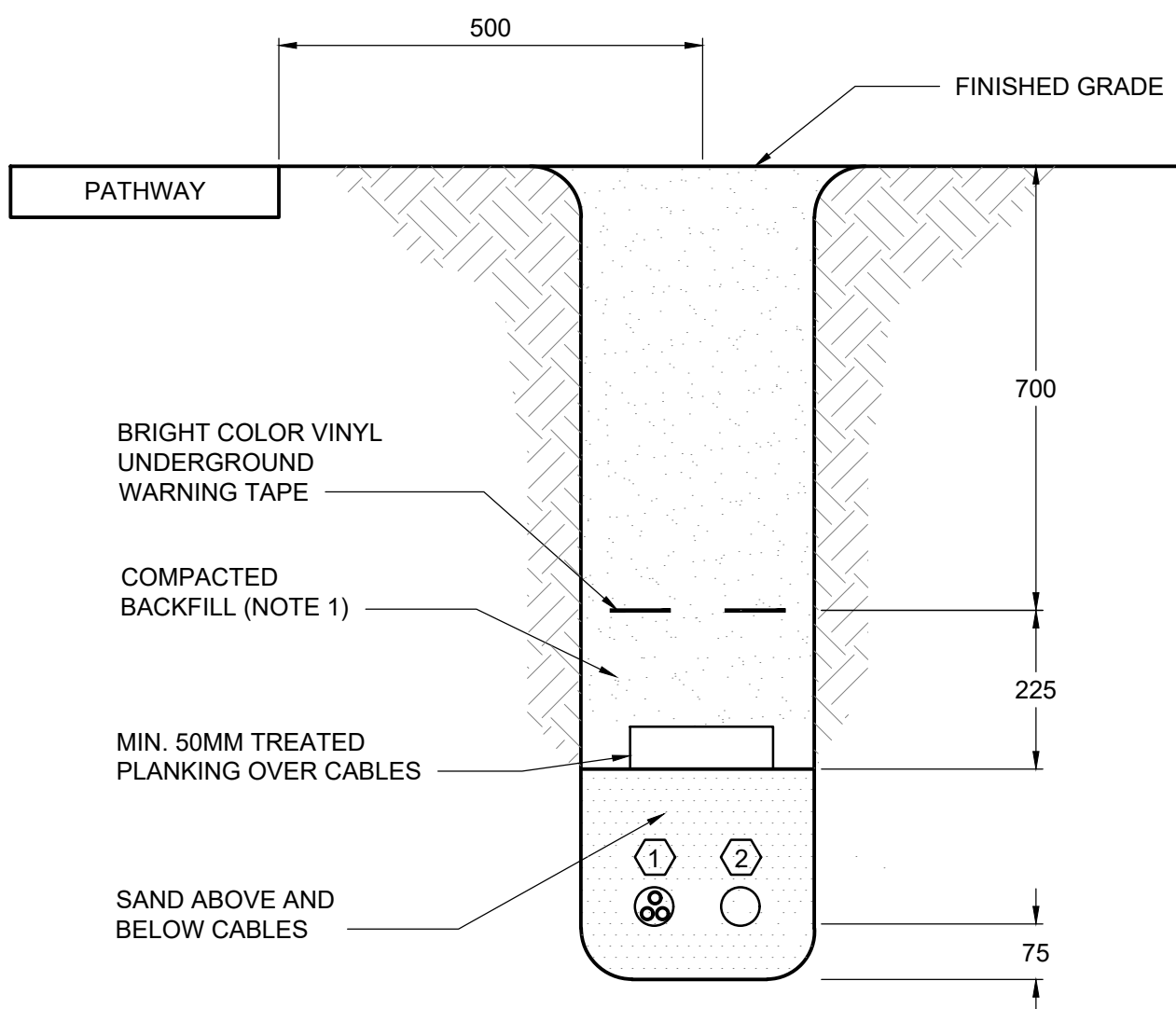


- GENERAL NOTES:
1. ALL UNDERGROUND CONDUIT INSTALLATIONS SHALL BE BY THE HORIZONTAL DIRECTIONAL DRILLING (HDD) METHOD WITH THE EXCEPTION OF TRENCHING SECTIONS REQUIRING THE EXPOSURE OF EXISTING UNDERGROUND UTILITIES WHEREBY THE OPEN CUT TRENCHING METHOD SHALL BE UTILIZED. CONTRACTOR SHALL CONFIRM PRECISE LOCATIONS OF ALL HDD AND OPEN CUT TRENCHING SECTIONS PRIOR TO COMMENCEMENT OF WORK AND OBTAIN FORMAL APPROVAL FROM SITE INSPECTOR AND ENGINEER FOR ALL OPEN CUT TRENCHING.
2. FOR OPEN CUT TRENCH INSTALLATION METHOD BACKFILL TO BE FINISHED AS PER TRENCHING AND BACKFILLING SPECIFICATIONS. ALL AREAS SHALL BE RESTORED TO THE CONDITION IN WHICH THEY EXISTED PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE, BUT NOT LIMITED TO, PAVEMENT REPAIRS, RE-GRAVELING, FENCE INSTALLATION, TRENCH SETTLEMENT CORRECTION, AND RE-SEEDING OF GRASSED AREAS. REFER TO SPECIFICATION SECTION D82 - DIRECT BURIED UNDERGROUND CONDUITS AND DUCTS.
3. FOR TRENCHLESS INSTALLATION METHOD REFER TO SPECIFICATION SECTION E78 - HORIZONTAL DIRECTIONAL DRILLING.
4. MAINTAIN 1.0 METER (MIN.) SEPARATION BETWEEN MB HYDRO U/G UTILITY SERVICE CONDUCTORS AND CUSTOMER'S SUPPLIED U/G SITE LIGHTING CIRCUIT POWER FEEDER CONDUCTORS. NO SHARED TRENCHING SHALL BE PERMITTED.



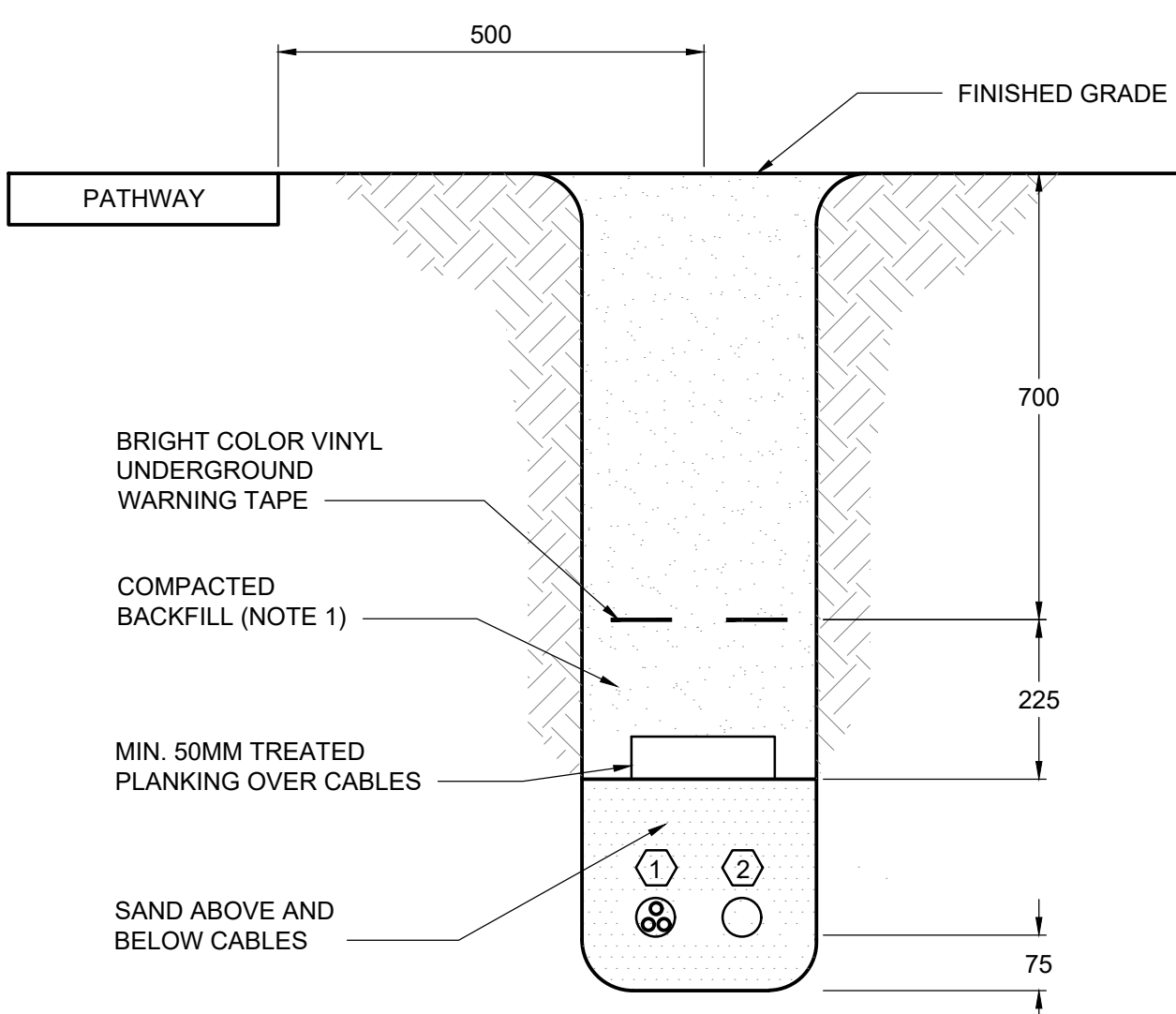
- ① LIGHTING CIRCUIT No.1
2 - No.8 & 1 - No.10 G
(IN 53mmC)
- ② 1 - 53mmC SPARE

1 TRENCH DETAIL No.1
N.T.S.



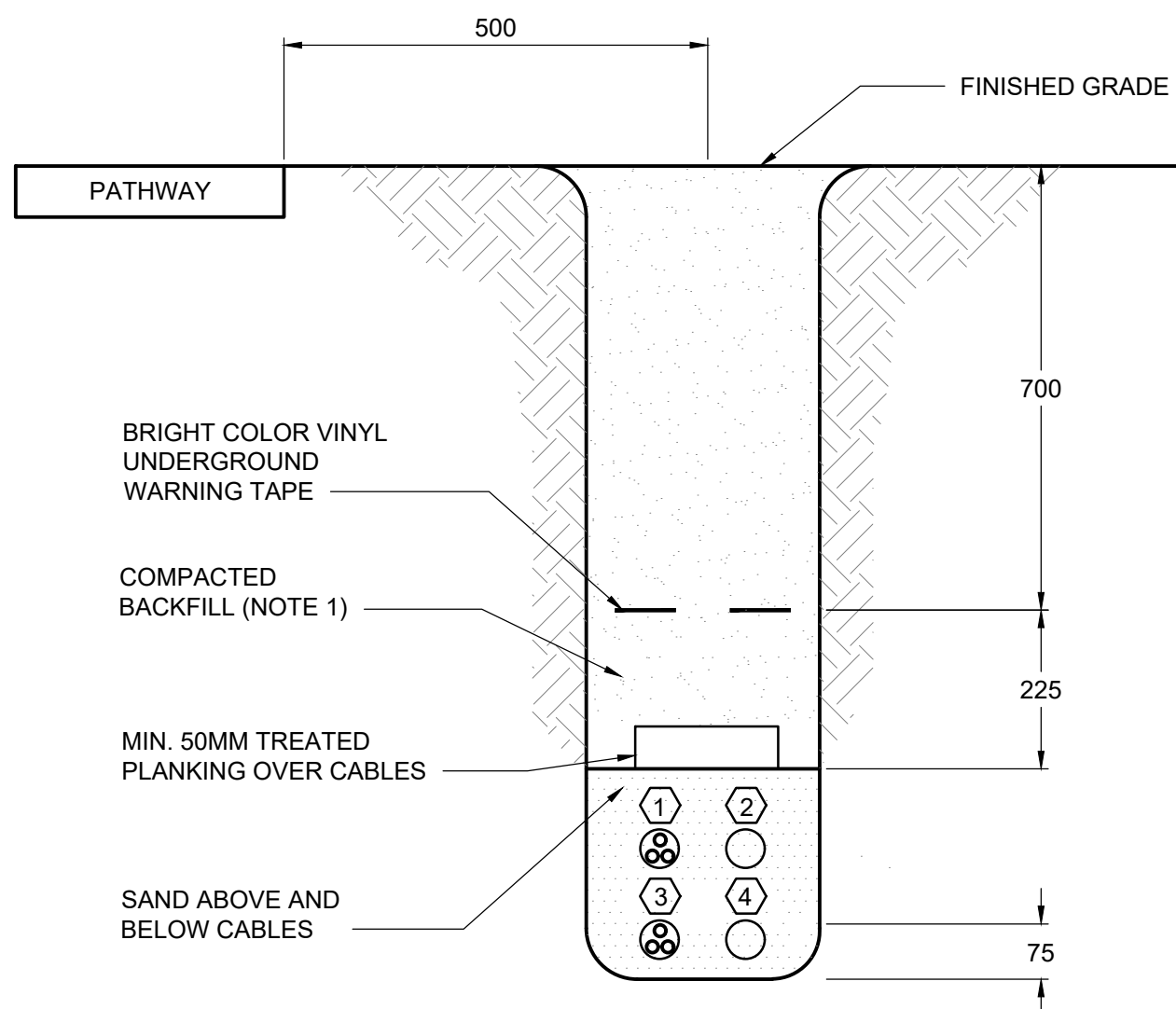
- ① LIGHTING CIRCUIT No.2
2 - No.8 & 1 - No.10 G
(IN 53mmC)
- ② 1 - 53mmC SPARE

2 TRENCH DETAIL No.2
N.T.S.



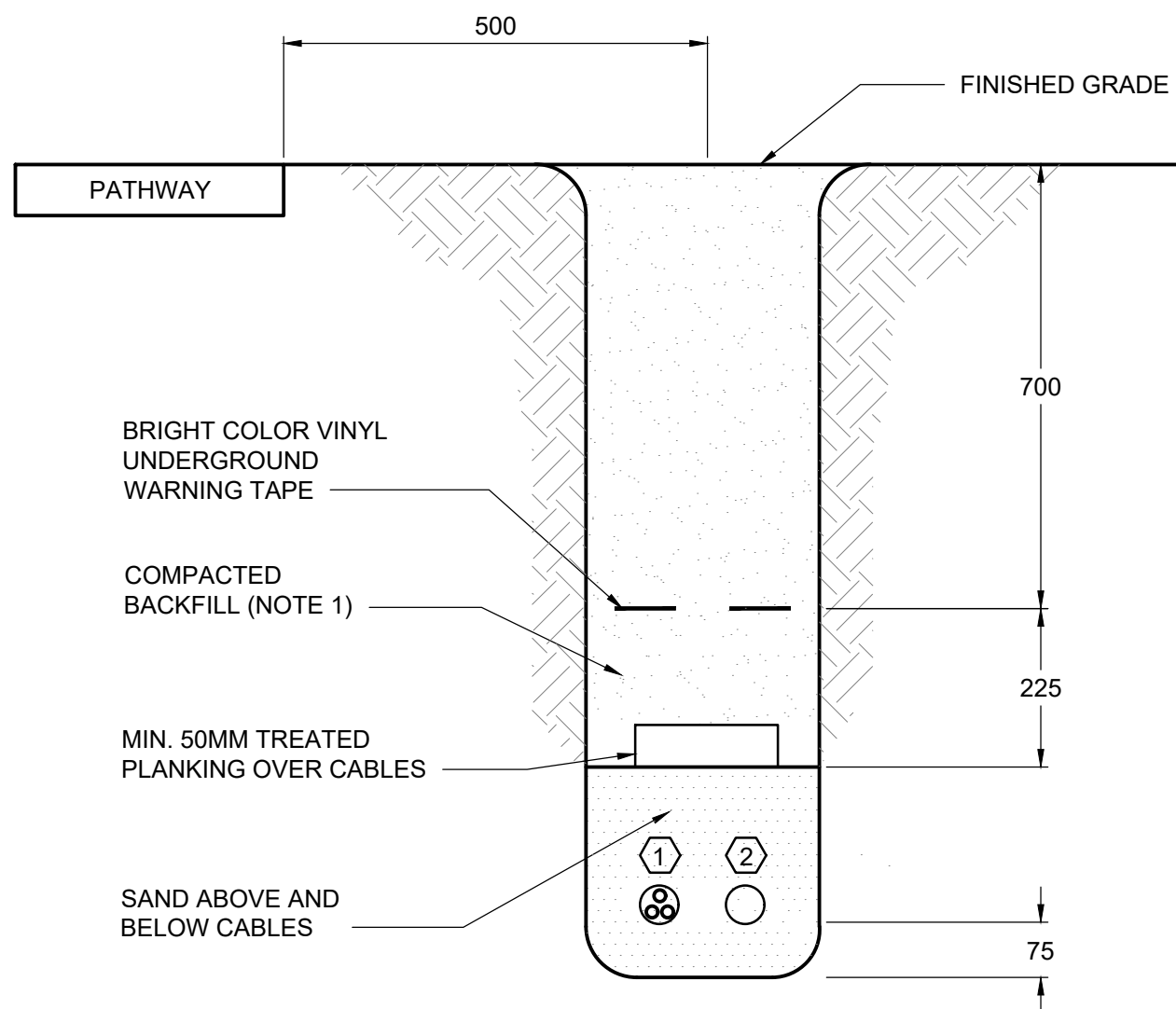
- ① LIGHTING CIRCUIT No.3
2 - No.4 & 1 - No.8 G
(IN 53mmC)
- ② 1 - 53mmC SPARE

3 TRENCH DETAIL No.3
N.T.S.



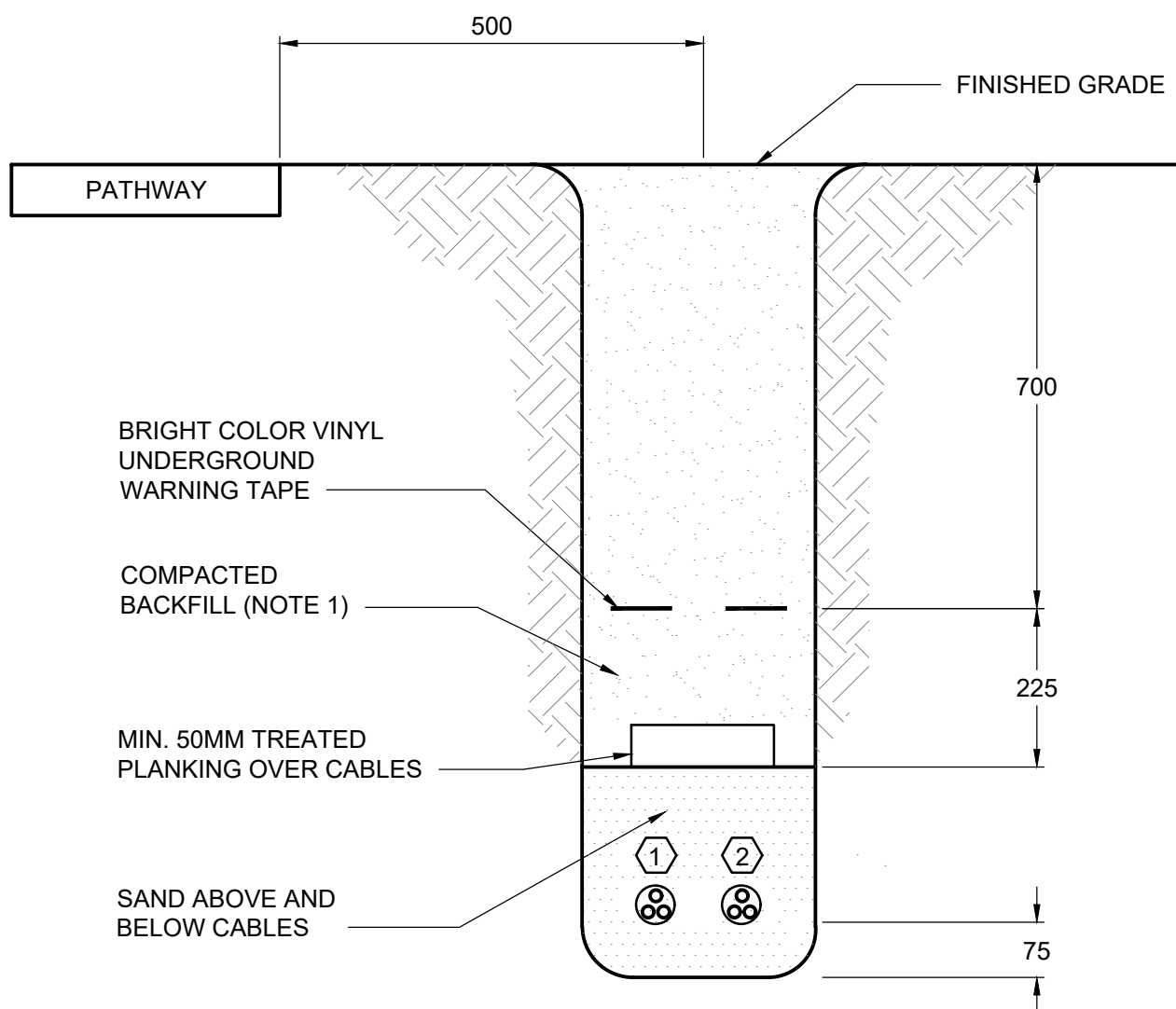
- ① LIGHTING CIRCUIT No.7
2 - No.10 & 1 - No.12 G
(IN 53mmC)
- ② 1 - 53mmC SPARE
- ③ LIGHTING CIRCUIT No.8
2 - No.4 & 1 - No.8 G
(IN 53mmC)
- ④ 1 - 53mmC SPARE

4 TRENCH DETAIL No.4
N.T.S.



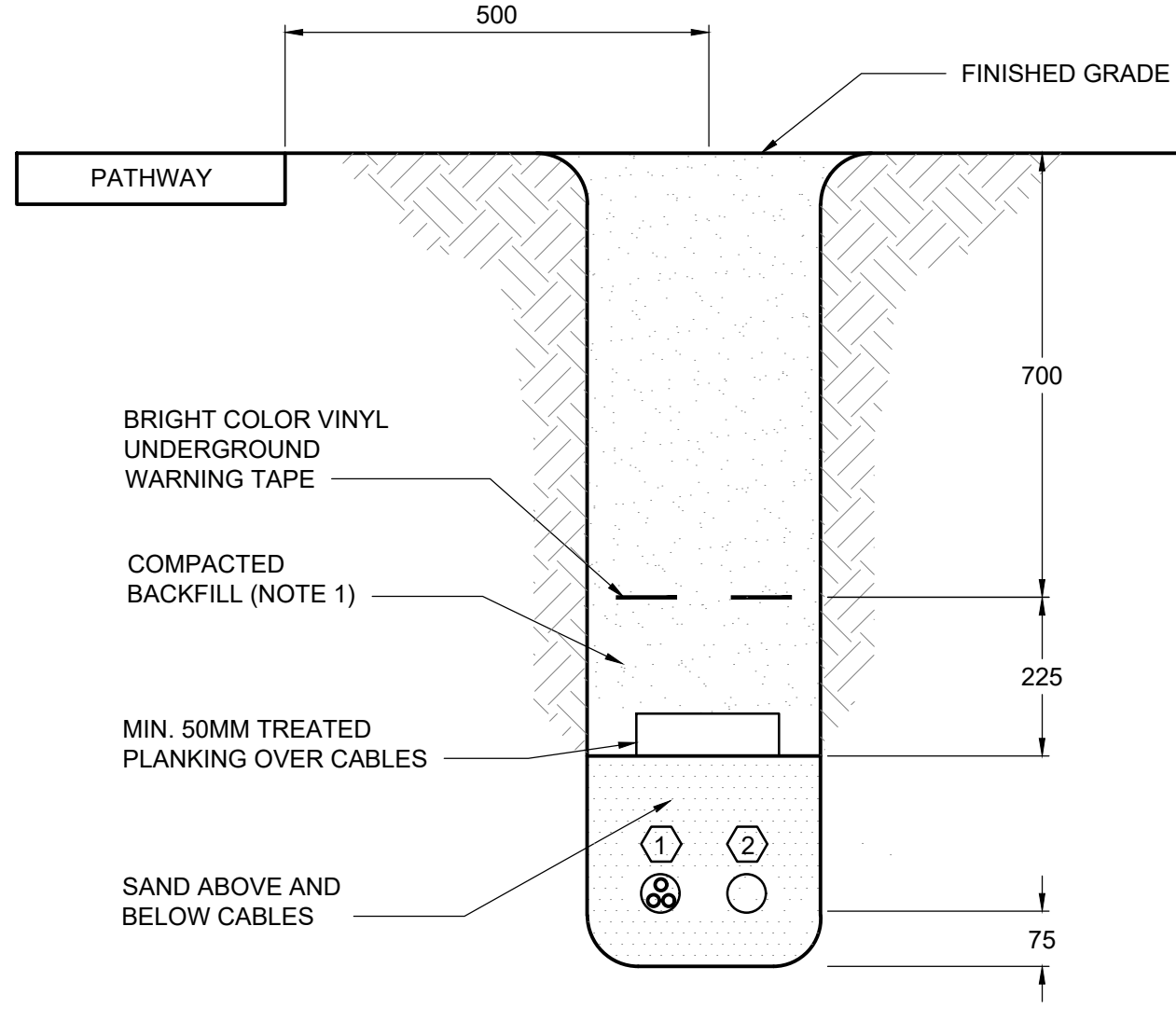
- ① LIGHTING CIRCUIT No.7
2 - No.10 & 1 - No.12 G
(IN 53mmC)
- ② 1 - 53mmC SPARE

5 TRENCH DETAIL No.5
N.T.S.



- ① LIGHTING CIRCUIT No.5
2 - No.12 & 1 - No.14 G
(IN 53mmC)
- ② LIGHTING CIRCUIT No.6
2 - No.12 & 1 - No.14 G
(IN 53mmC)

6 TRENCH DETAIL No.6
N.T.S.





- ① LIGHTING CIRCUIT No.8
2 - No.4 & 1 - No.8 G
(IN 53mmC)
- ② 1 - 53mmC SPARE

7 TRENCH DETAIL No.7
N.T.S.

**ENGINEERS
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B.M. ELEV.			<div></div> <div>TETRA TECH</div>	ORIGINAL DRAWING REVISION "0" SEALED BY D.W. DOWHAN 25.08.08	<div></div> <div>THE CITY OF WINNIPEG</div> <div>PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION</div>	LAGIMODIERE TWIN OVERPASSES OVER CONCORDIA AVE. & CPR KEEWATIN REHABILITATION AND RELATED WORKS			CITY DRAWING NUMBER P123-25-4408				
SHEET OF 8													
1 ISSUED FOR ADDENDUM 5						25.09.22	DWD	HOR. SCALE: AS NOTED			ACCEPTED BY DATE		
0 ISSUED FOR TENDER						25.08.07	DWD	VERTICAL: CAM WARD, P.ENG. 25.08.07					
NO. REVISIONS						DATE	BY	DATE 25.08.07			CONSULTANT DRAWING NO. 734-INF-MBI03007.01-DWG-E4408		
											ACTIVE TRANSPORTATION - PATHWAY LIGHTING U/G POWER CIRCUIT CONDUCTORS TRENCH DETAILS		