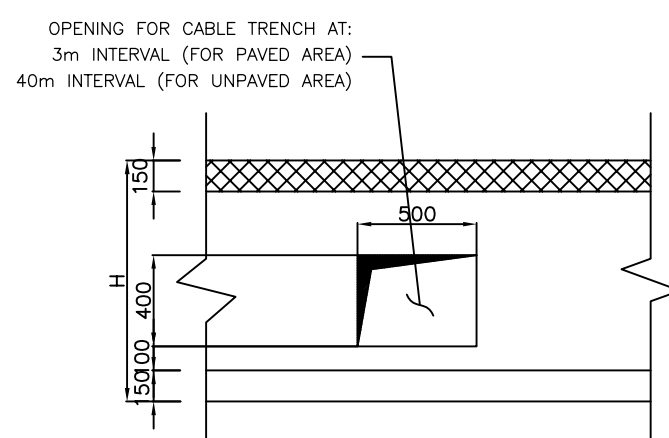
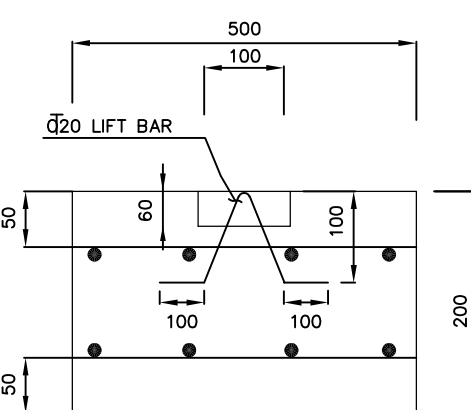
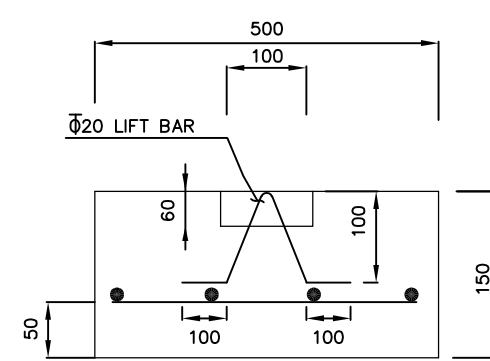
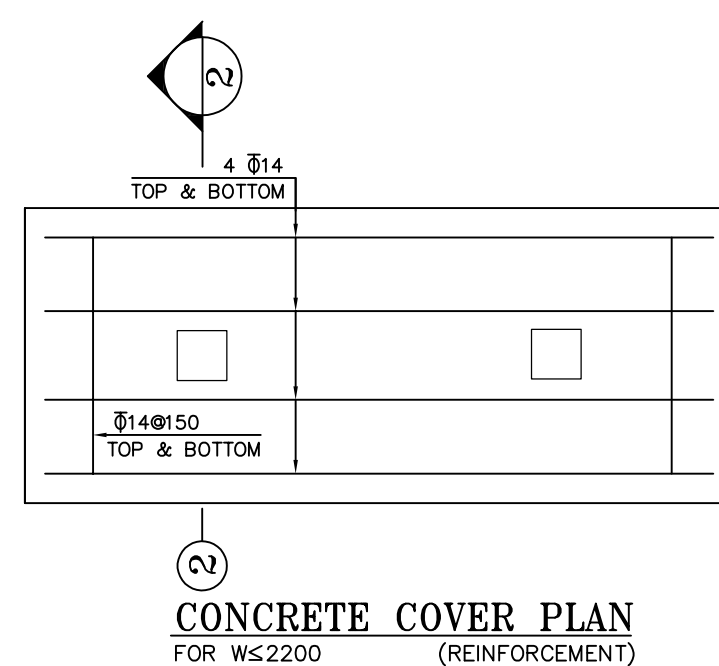
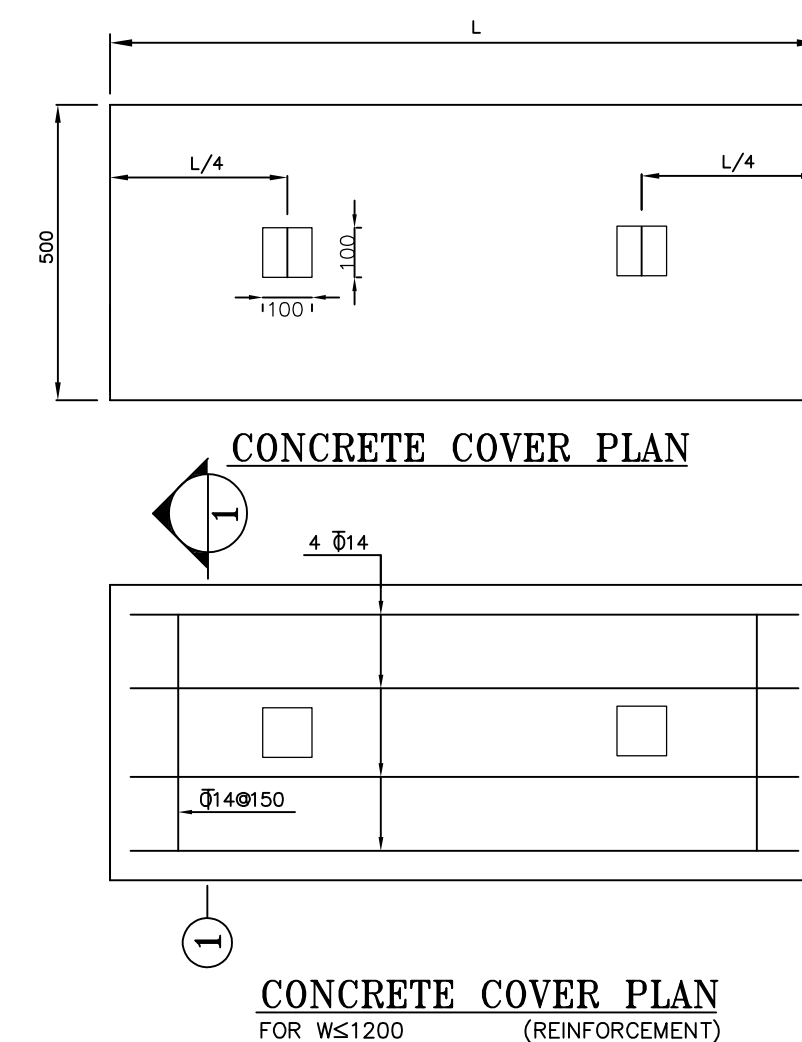
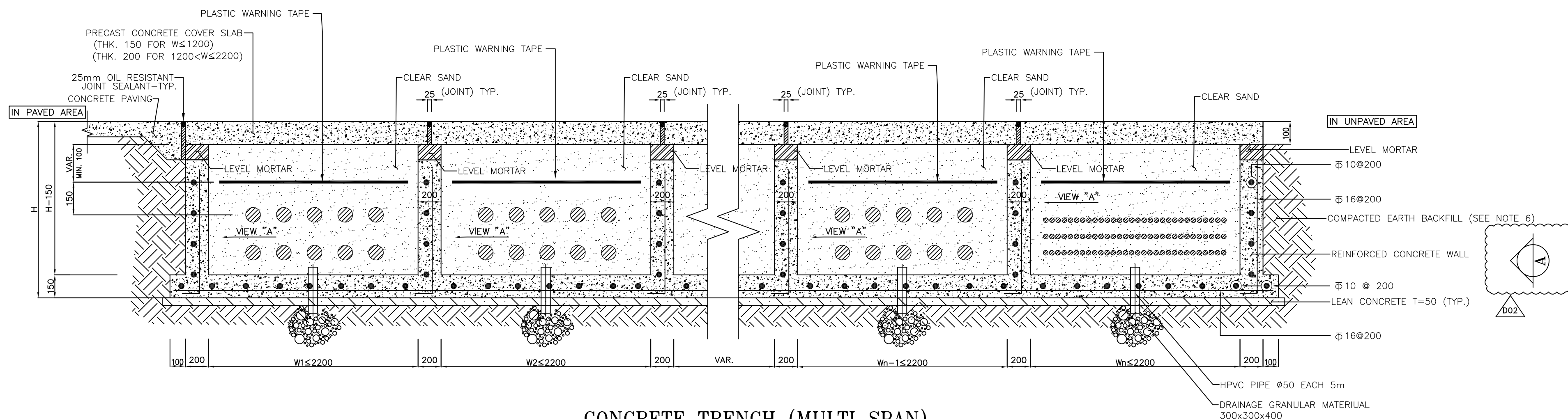
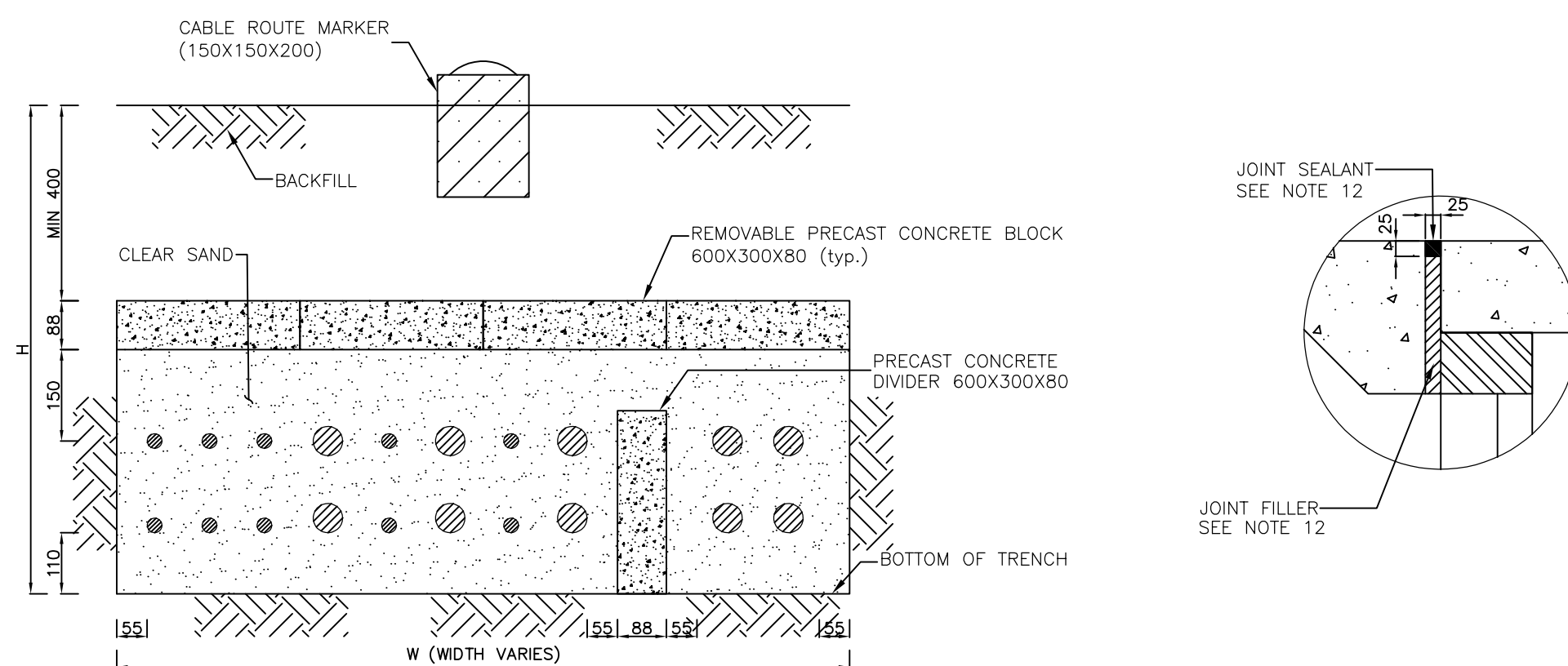
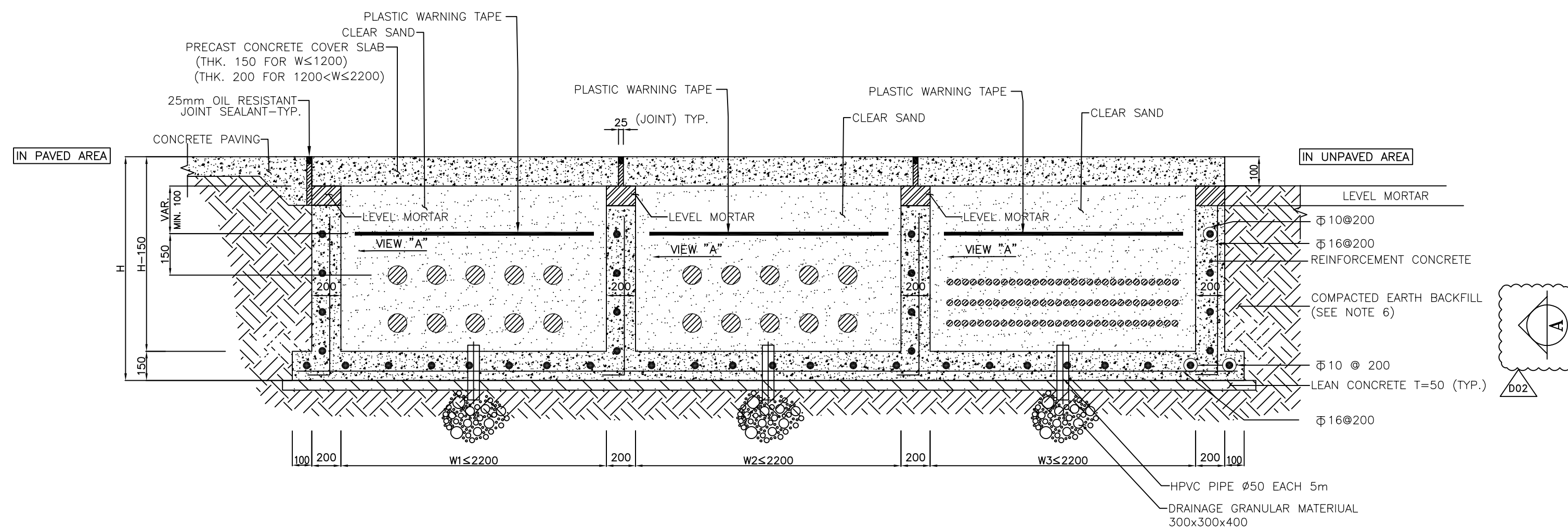
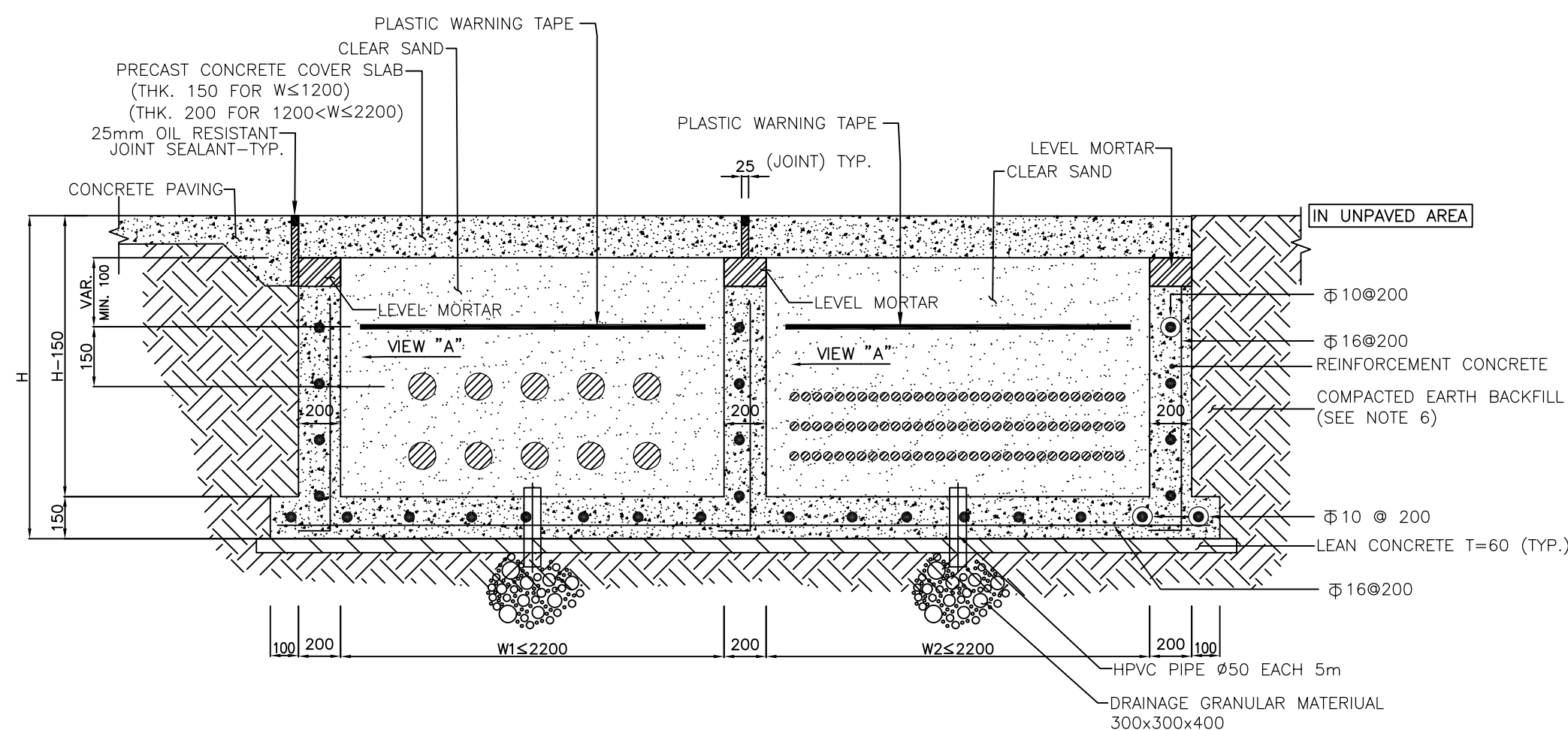
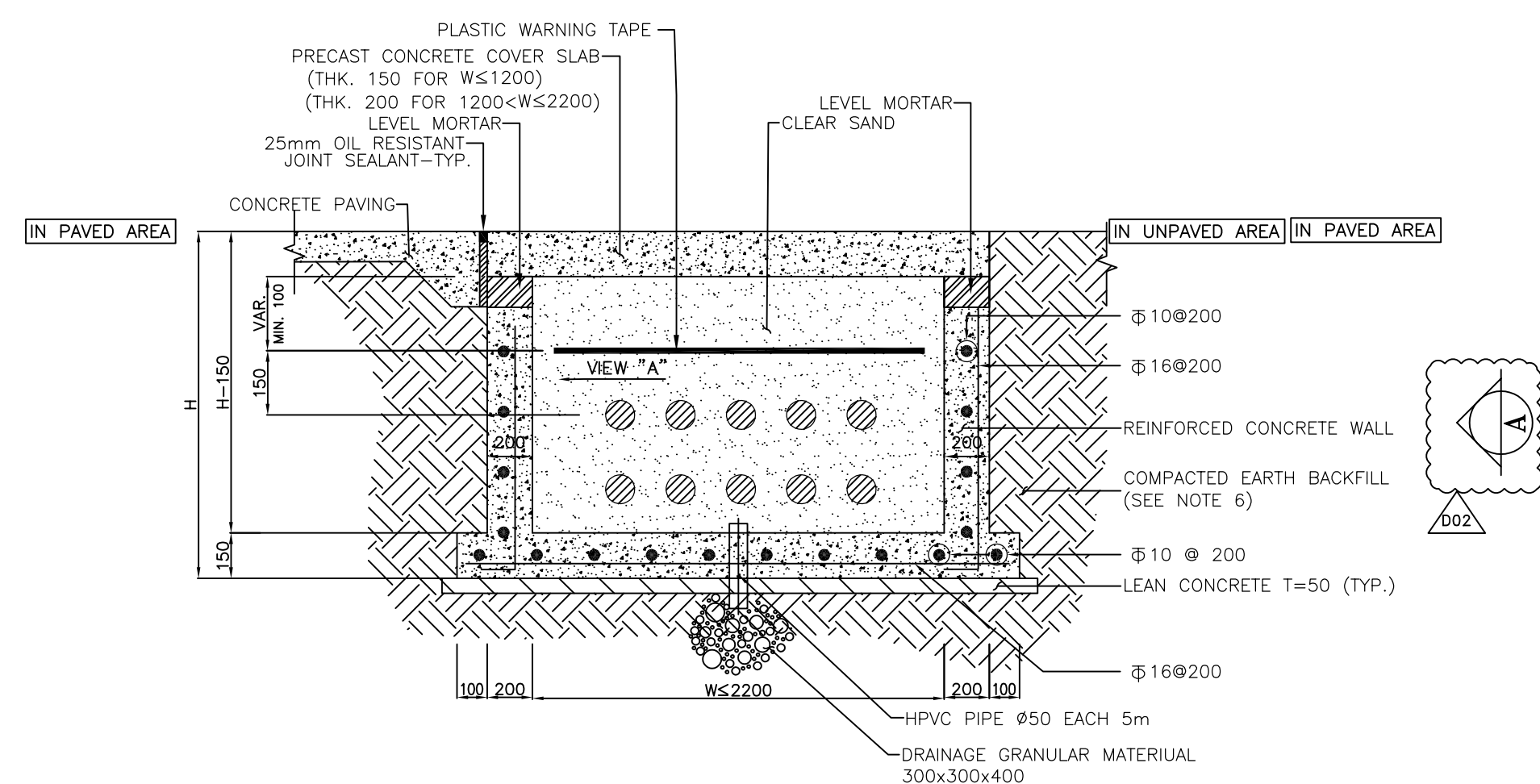
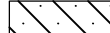
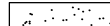




- NOTES**
1. ALL DIMENSIONS, COORDINATES & ELEVATIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHOULD CHECK AND VERIFY COORDINATES, DIMENSIONS AND ELEVATIONS BEFORE COMMENCING ANY WORK.
3. 28 DAY CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 250 Kg/cm².
4. 28 DAY CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 150 Kg/cm².
5. BACKFILL SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY IN LAYERS NOT EXCEEDING 200mm.
6. TYPE II CEMENT SHALL BE USED UNLESS OTHERWISE INDICATED IN THE GEOTECHNICAL SITE REPORT.
7. TOP OF TRENCHES IN CONCRETE PAVING AREA TO BE FLUSHED WITH PAVING ELEVATION.
8. REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm²
9. FOR "W" & "H" PARAMETERS, SEE CABLE TRENCH LAYOUT.
10. FOR ELECTRICAL & INSTRUMENT CABLE TRENCH CROSSING WITH ROAD SEE SHEET 3/5.
11. UNDERGROUND CONCRETE SHALL BE PROTECTED AND COATED ACCORDING TO DOC."BK-GNRL-PEDCO-000-CV-DW-0040".
12. JOINT FILLER SHALL BE ELASTIC MATERIAL.
POLY ETHYLENE SHEETS OR CORK PARTICLES OR EQUIVALENT MATERIALS CAN BE USED
13. JOINT SEALANTS SHALL BE FOLLOWED ASTM D2499.
14. ALL THE OPENING MUST BE SEALED AFTER PLACING THE CABLES.

LEGEND	
	LEAN CONCRETE
	MAIN CONCRETE
	FINE SAND
	LOCALLY EXCAVATED/NATURAL GROUND

KEY PLAN

[illegible]



TYPICAL COVER ARRANGEMENT AT CORNER

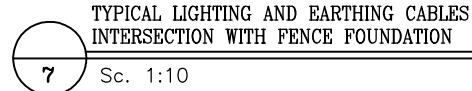
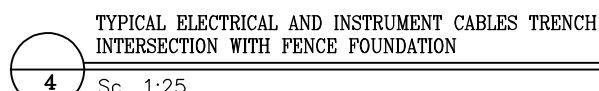
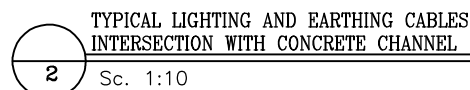
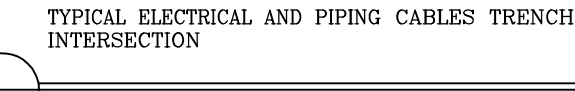
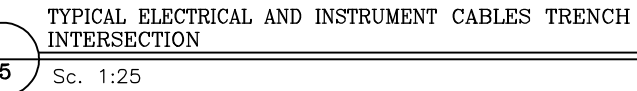
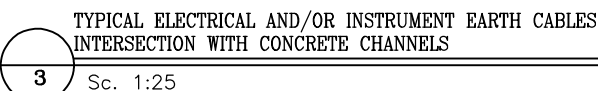
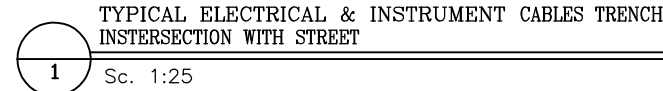
TYPICAL CHAMFER AT CORNER



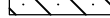
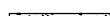
TYPICAL COVER ARRANGEMENT AT CORNER

SECTION F

[illegible]



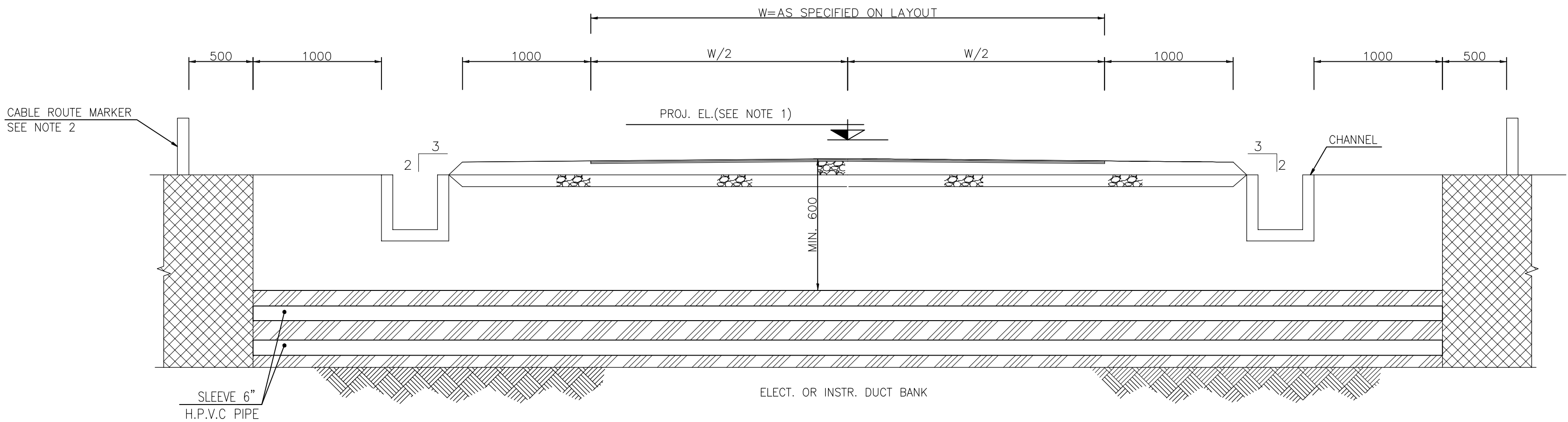
1. ALL DIMENSIONS, COORDINATES & ELEVATIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHOULD CHECK AND VERIFY COORDINATES, DIMENSIONS AND ELEVATIONS BEFORE COMMENCING ANY WORK.
3. 28 DAY CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 250 Kg/cm².
4. 28 DAY CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 150 Kg/cm².
5. BACKFILL SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY IN LAYERS NOT EXCEEDING 200mm.
6. TYPE II CEMENT SHALL BE USED UNLESS OTHERWISE INDICATED IN THE GEOTECHNICAL SITE REPORT.
7. TOP OF TRENCHES IN CONCRETE PAVING AREA TO BE FLUSHED WITH PAVING ELEVATION.
8. REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm²
9. FOR "W" & "H" PARAMETERS, SEE CABLE TRENCH LAYOUT.
10. FOR ELECTRICAL & INSTRUMENT CABLE TRENCH CROSSING WITH ROAD SEE SHEET 3/5.
11. UNDERGROUND CONCRETE SHALL BE PROTECTED AND COATED ACCORDING TO DOC."BK-GNRL-PEDCO-000-CV-DW-0040".
12. JUNT FILLER SHALL BE ELASTIC MATERIAL.
POLY ETHYLENE SHEETS OR CORK PARTICLES OR EQUIVALENT MATERIALS CAN BE USED
13. JUNT SEALANTS SHALL BE FOLLOWED ASTM D2499.
14. ALL THE OPENING MUST BE SEALED AFTER PLACING THE CABLES.

LEGEND	
	LEAN CONCRETE
	MAIN CONCRETE
	FINE SAND
	LOCALLY EXCAVATED/NATURAL GROUND

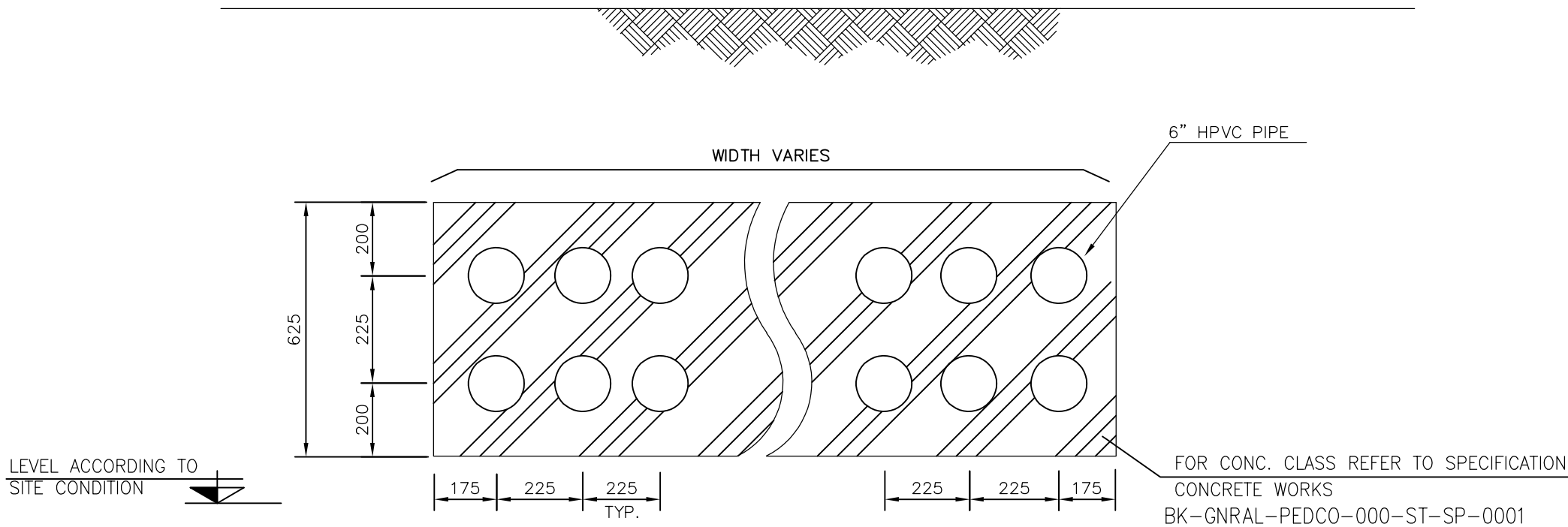
REFERENCE DRAWING	DRG. No.
STANDARD DRAWING FOR CIVIL WORKS	BK-GNRL-PEDCO-000-CV-DW-0001
CONCRETE CABLE DUCT BANK (ROAD CROSSING)	IPS-D-EL-209
CABLE ROUTE MARKER & LOCATION	IPS-D-EL-208
CABLE TRENCH	IPS-D-EL-210

KEY PLAN

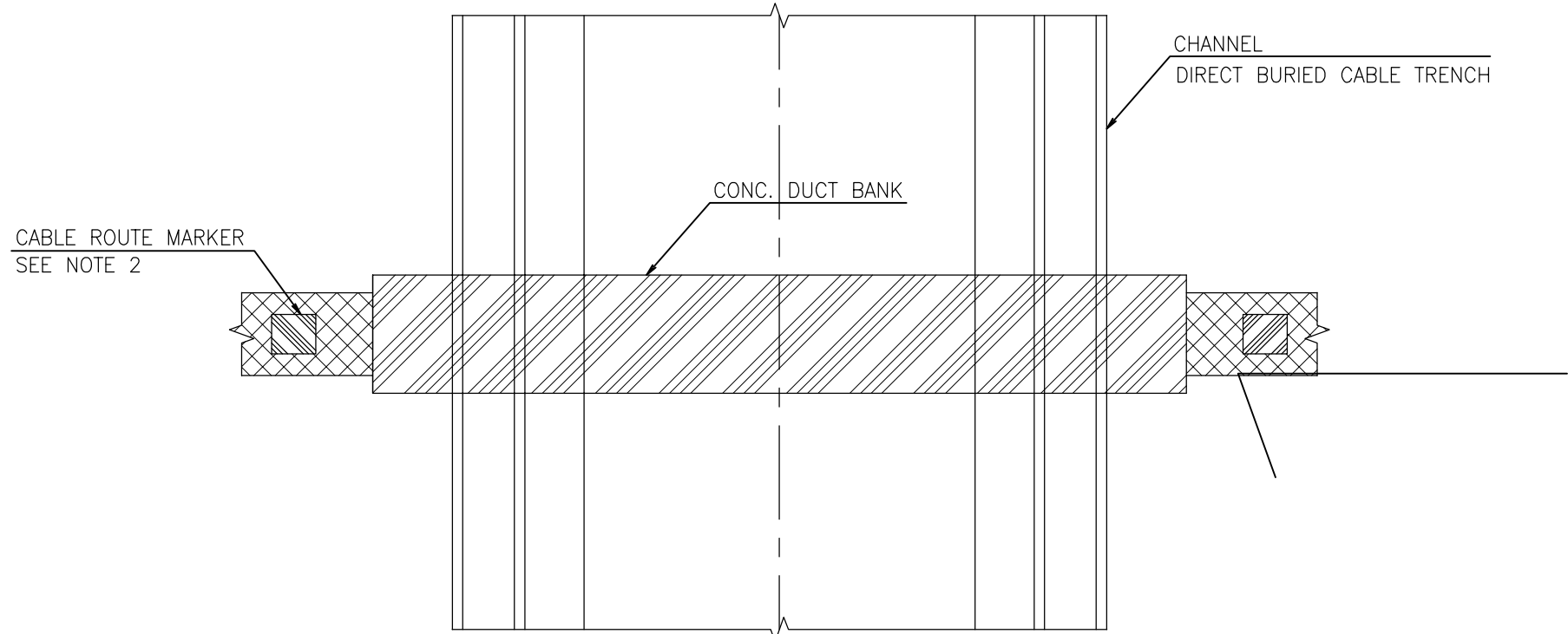
[illegible]



TRANSVERSAL SECTION
N.T.S.



DUCT BANK SECTION
N.T.S.



REPRESENTATION ON SITE DRAWING
N.T.S.

- NOTES**
1. ALL DIMENSIONS, COORDINATES & ELEVATIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
 2. THE CONTRACTOR SHOULD CHECK AND VERIFY COORDINATES, DIMENSIONS AND ELEVATIONS BEFORE COMMENCING ANY WORK.
 3. 28 DAY CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 250 Kg/cm².
 4. 28 DAY CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 150 Kg/cm².
 5. BACKFILL SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY IN LAYERS NOT EXCEEDING 200mm.
 6. TYPE II CEMENT SHALL BE USED UNLESS OTHERWISE INDICATED IN THE GEOTECHNICAL SITE REPORT.
 7. TOP OF TRENCHES IN CONCRETE PAVING AREA TO BE FLUSHED WITH PAVING ELEVATION.
 8. REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm²
 9. FOR "W" & "H" PARAMETERS, SEE CABLE TRENCH LAYOUT.
 10. FOR ELECTRICAL & INSTRUMENT CABLE TRENCH CROSSING WITH ROAD SEE SHEET 3/5.
 11. UNDERGROUND CONCRETE SHALL BE PROTECTED AND COATED ACCORDING TO DOC."BK-GNRAL-PEDCO-000-CV-DW-0040".
 12. JOINT FILLER SHALL BE ELASTIC MATERIAL. POLY ETHYLENE SHEETS OR CORK PARTICLES OR EQUIVALENT MATERIALS CAN BE USED
 13. JOINT SEALANTS SHALL BE FOLLOWED ASTM D2499.
 14. ALL THE OPENING MUST BE SEALED AFTER PLACING THE CABLES.

LEGEND	
	LEAN CONCRETE
	MAIN CONCRETE
	FINE SAND
	LOCALLY EXCAVATED/NATURAL GROUND

REFERENCE DRAWING	DRG. No.
STANDARD DRAWING FOR CIVIL WORKS	BK-GNRAL-PEDCO-000-CV-DW-0001
CONCRETE CABLE DUCT BANK (ROAD CROSSING)	IPS-D-EL-209
CABLE ROUTE MARKER & LOCATION	IPS-D-EL-208
CABLE TRENCH	IPS-D-EL-210

KEY PLAN

D02	MAR.2023	IFA	R.BERLOUE	M.FAKHARIAN	SH.GHALIKAR	***	*****	***	*****	***	*****				
D01	JAN.2022	IFC	R.BERLOUE	M.FAKHARIAN	SH.GHALIKAR	REV.	DESCRIPTION	BY	DATE	BY	DATE				
D00	AUG.2021	IFI	M.ASGHARNEAD	M.FAKHARIAN	SH.GHALIKAR	***		CHECKED		REV. APPR.					
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	احمل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.								
PROJECT NAME:			BINAK OILFIELD DEVELOPMENT GENERAL			 THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS									
PROJECT NO.:			971020												
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):			BINAK OILFIELD DEVELOPMENT GENERAL									
 						PETROIRAN COMPANY									
HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			PEDCO			DRAWING BY									
						DATE		SCALE		DRAWING BY		CHECKED BY		PROJECT ENG.	
DRAWING TITLE:						NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED									
Typical Drawing For Electrical Cable Trench						APPROVED FOR CONSTRUCTION									
						BUDGET REF.				BY:		DATE:			
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	ADDITIONAL	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION		
N.T.S	A1	BK–GNRAL–PEDCO–000–CV–DW–0004			4 OF 4	D02	053–073–9184	F	4	S	707250	4	D02		