

1- ALL DIMENSION ARE IN MILLIMETERS UNLESS OTHERWISE STATED.

2- 15mm OF BIUTMENOUS MATERIAL IS TO PROVIDED AS JOINTS BETWEEN PAVING AND MANHOLES. 3- MANHOLE TOP COVER ELEV. FOR PAVED AREAS HAS THE SAME LEVEL AS FINISHED GRADE AND FOR UNPAVED AREAS IS 50 mm , AS SHOWN IN DRAWING. 4— ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS, 28 DAYS CHARACTERISTIC COMPRESSIVE

5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS, 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 10MPa. (ON CYLINDRICAL SPECIMEN).

6- TYPE II CEMENT SHALL BE USED UNLESS OTHERWISE INDICATED IN THE GEOTECHNICAL SITE

7- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm^2 8- FOR LADDER RUNGS DETAIL SEE SHEET 3/3.

9- UNDERGROUND CONCRETE SHALL BE PROTECTED AND COATED ACCORDING TO RELEVANT SPECIFICATION. 10- AFTER THE APPROVAL OF THE GEOTECHNICAL REPORT, THE TYPE OF CEMENT WILL BE ANNOUNCED 11- TO PROTECT THE CONCRETE BODY IN CONTACT WITH THE SOIL SEE BK-GNRAL-PEDCO-000-CV-DW-0040

LEGEND REINFORCED CONCRETE LEAN CONCRETE BACKFILL GRAVEL UNPAVED AREA

REFERENCE DRAWING	DRG. No.
Specification For Concrete Work	BK-GNRAL-PEDCO-000-ST-SP-000
Specification For Sewerage & Drainage	BK-GNRAL-PEDCO-000-CV-SP-000
Underground System Manholes	NIOEC-SD-1006-2/10-A3
General Notes-Reinforced Concrete Structures	BK-GNRAL-PEDCO-000-ST-DW-001
SIPHON PIPE SEAL, HOLES REINFORCEMENT & LADDER RUNGS	NIOEC-SD-1006-10/10-A3
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-004

KEY PLAN

BY DATE DESCRIPTION REV. APPR. اصل و كليه نسخ اين نقشه و حق اقتباس متعلق به شركت ملى مناطق نفت خيز جنوب ميباشد.

SCALE SIZE

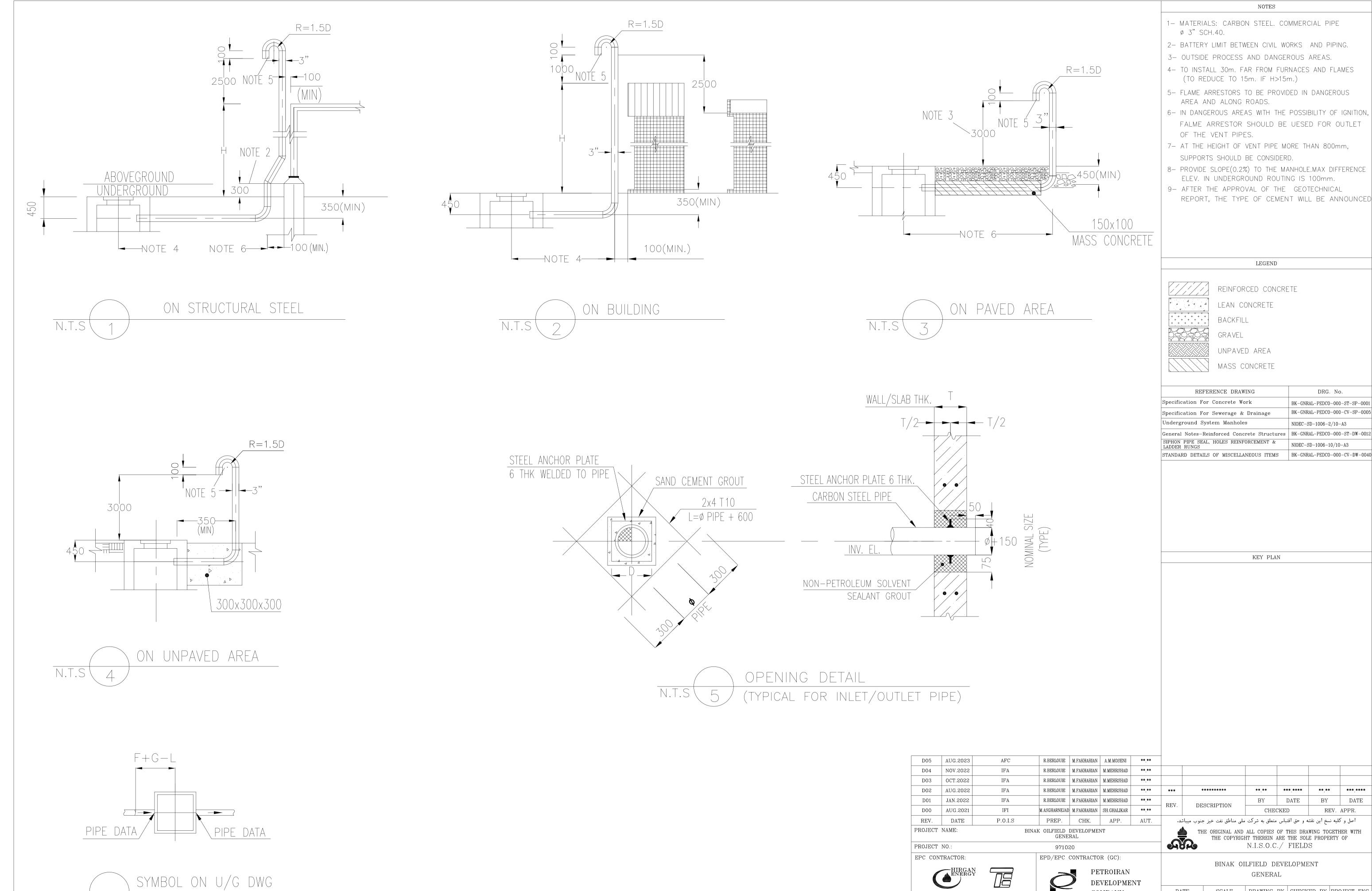
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BINAK OILFIELD DEVELOPMENT GENERAL

DRAWING BY CHECKED BY PROJECT ENG. NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

SANITARY MANHOLE DETAIL APPROVED FOR CONSTRUCTION BY: DATE: SHEET NO. | REV. | BUDGET REF. | LOCATION | SIZE | CLASS | SERIAL NO. SHEET REVISION DRAWING NO. 02 OF 03 D05 053-073-9184 F 4 S 02 D05 BK-GNRAL-PEDCO-000-CV-DW-0005



- 1- MATERIALS: CARBON STEEL. COMMERCIAL PIPE ø 3" SCH.40.
- 2- BATTERY LIMIT BETWEEN CIVIL WORKS AND PIPING.
- 3- OUTSIDE PROCESS AND DANGEROUS AREAS.
- 4- TO INSTALL 30m. FAR FROM FURNACES AND FLAMES (TO REDUCE TO 15m. IF H>15m.)
- 5- FLAME ARRESTORS TO BE PROVIDED IN DANGEROUS AREA AND ALONG ROADS.
- 6- IN DANGEROUS AREAS WITH THE POSSIBILITY OF IGNITION, FALME ARRESTOR SHOULD BE UESED FOR OUTLET OF THE VENT PIPES.
- 7- AT THE HEIGHT OF VENT PIPE MORE THAN 800mm, SUPPORTS SHOULD BE CONSIDERD.
- 8- PROVIDE SLOPE(0.2%) TO THE MANHOLE.MAX DIFFERENCE ELEV. IN UNDERGROUND ROUTING IS 100mm.
- 9- AFTER THE APPROVAL OF THE GEOTECHNICAL

REPORT, THE TYPE OF CEMENT WILL BE ANNOUNCED

LEGEND

REINFORCED CONCRETE LEAN CONCRETE BACKFILL GRAVEL UNPAVED AREA

REFERENCE DRAWING DRG. No. Specification For Concrete Work BK-GNRAL-PEDCO-000-ST-SP-0001 BK-GNRAL-PEDCO-000-CV-SP-0005 Specification For Sewerage & Drainage Underground System Manholes NIOEC-SD-1006-2/10-A3 General Notes-Reinforced Concrete Structures | BK-GNRAL-PEDCO-000-ST-DW-0012 SIPHON PIPE SEAL, HOLES REINFORCEMENT & LADDER RUNGS NIOEC-SD-1006-10/10-A3

MASS CONCRETE

KEY PLAN

BY DATE DESCRIPTION REV. APPR.

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DATEDRAWING BY CHECKED BY PROJECT ENG. NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

DRAWING TITLE: STANDARD DRAWING FOR MANHOLES VENT DETAIL DATE: APPROVED FOR CONSTRUCTION BY: DRAWING NO. SHEET NO. | REV. | BUDGET REF. | LOCATION | SIZE | CLASS | SERIAL NO. SHEET REVISION SCALE SIZE 03 OF 03 | D05 | 053-073-9184 F | 4 | S | 03 D05 BK-GNRAL-PEDCO-000-CV-DW-0005

COMPANY

PEDCO

HIRGAN ENERGY - DESIGN & INSPECTION

COMPANIES