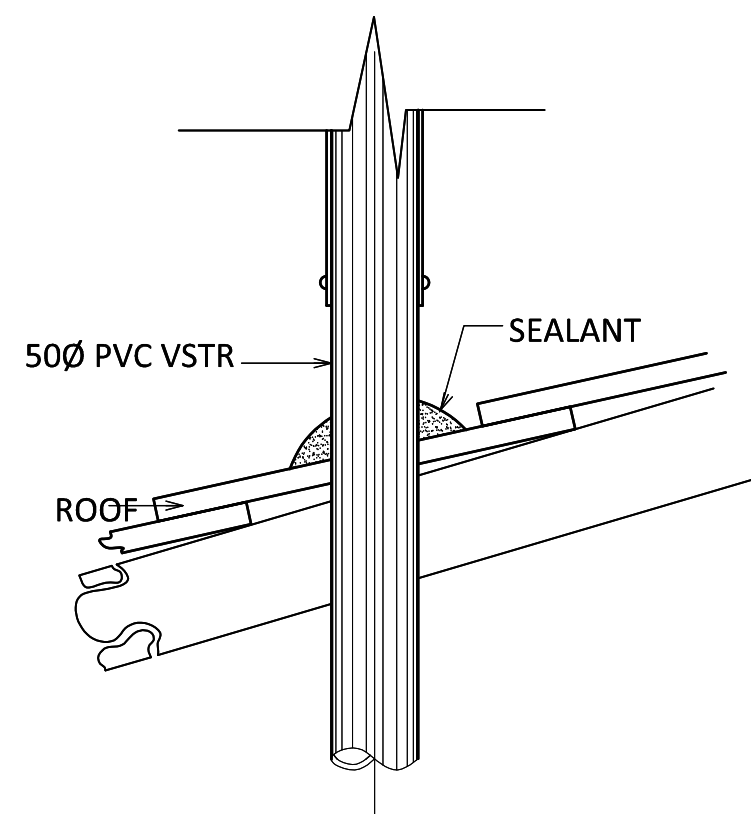
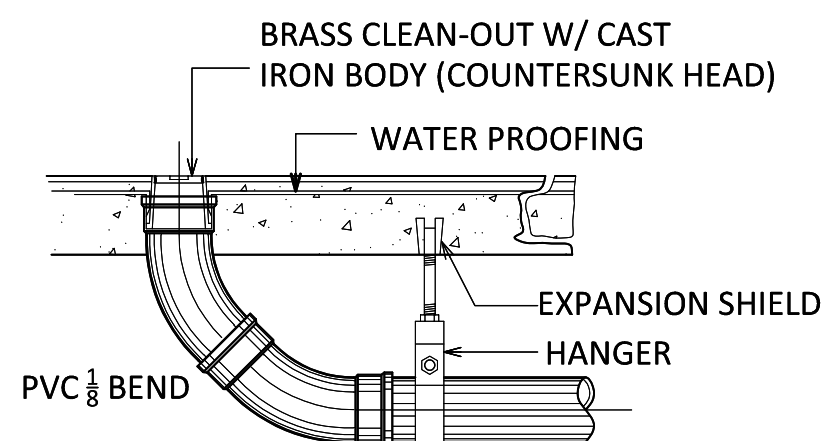


## PLUMBING NOTES:

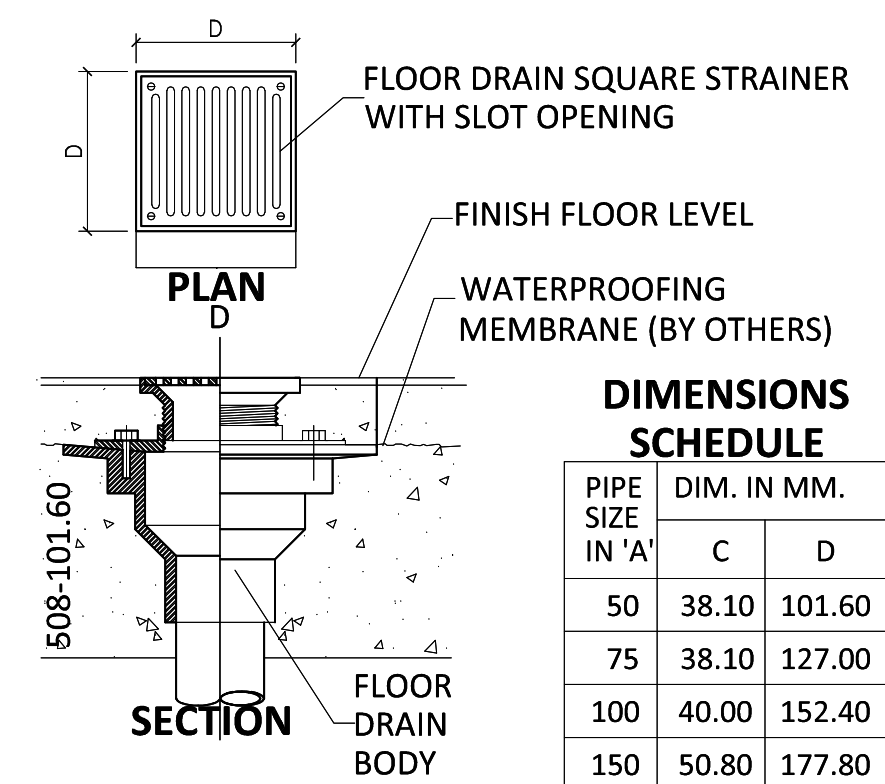
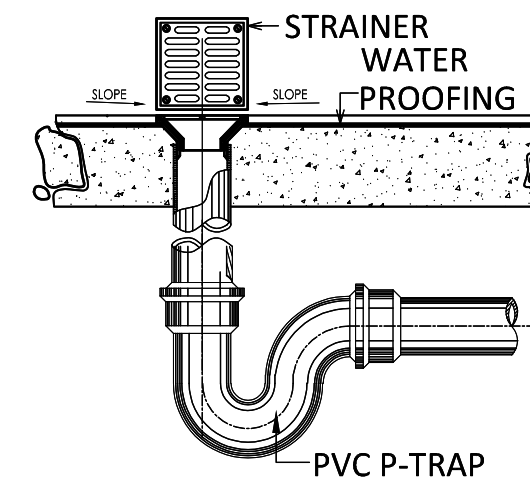
1. GRADES OF HORIZONTAL PIPING  
RUN ALL HORIZONTAL PIPINGS IN PERFECT ALIGNMENT AND AT A FORM GRADE OF NOT LESS THAN TWO PERCENT (2%).
2. CHANGE IN DIRECTION  
ALL CHANGE IN DIRECTION SHALL BE MADE BY APPROPRIATE USE OF FORTY FIVE DEGREES (45°) WYES, LONGSWEEP QUARTER BEND, SIX-EIGHT OR SIXTEENTH BENDS. WHEN THE CHANGE OF FLOW IS FROM HORIZONTAL TO VERTICAL, 1/8 BEND COMBINATION MAYBE USED ON VERTICAL STACKS AND SHORT QUARTER BENDS MAYBE USED ON WASTE LINE. TEE AND CROSSES MAYBE USED IN VENT PIPES.
3. PROHIBITED FITTINGS  
NO DOUBLE HUB OR TEE BRANCH SHALL BE USED ON HORIZONTAL WASTE LINES. THE DRILLINGS AND TAPPINGS OF HOUSE DRAIN, WASTE OR VENT PIPES AND USE OF SADDLE HUB AND BEND ARE PROHIBITED.
4. SLEEVES  
PROVIDE PIPE SLEEVES AT WALLS, COLUMNS OR SLABS ONE SIZE BIGGER THAN THE ACTUAL SIZE PASSING THROUGH THE WALLS, COLUMNS OR UNDER SLAB TO PROTECT PIPE FROM BREAKAGE.
5. PIPE CLEAN-OUTS  
PIPE CLEAN-OUTS ARE REQUIRED UNDER THE FOLLOWING CONDITIONS:
  - a. EVERY CHANGE IN HORIZONTAL DIRECTIONS EXCEEDING TWENTY-TWO AND ONE-HALF DEGREES (22 1/2°).
  - b. ONE AND ONE-HALF METERS (1.50 m) INSIDE THE PROPERTY LINE BEFORE THE HOUSE DRAINAGE CONNECTION.
  - c. EVERY FIFTEEN METERS (15.00 m) IN HORIZONTAL RUN OF PIPES.
  - d. AT THE END OF ANY HORIZONTAL PIPE LINES.
6. THE DIGESTION CHAMBER OF SEPTIC VAULT MUST BE WATERPROOFED.
7. NOT LESS THAN 300 mm OF AIR SPACE MUST BE LEFT BETWEEN THE TOP OF THE SEWAGE AND THE UNDER PART OF THE VAULT ROOF SLAB.
8. NO SEPTIC VAULT MUST BE CONSTRUCTED UNDER THE BUILDING.
9. ALL PLUMBING WORKS SHALL BE DONE BY A LICENSED MASTER PLUMBER AND A LICENSED PLUMBING CONTRACTOR.



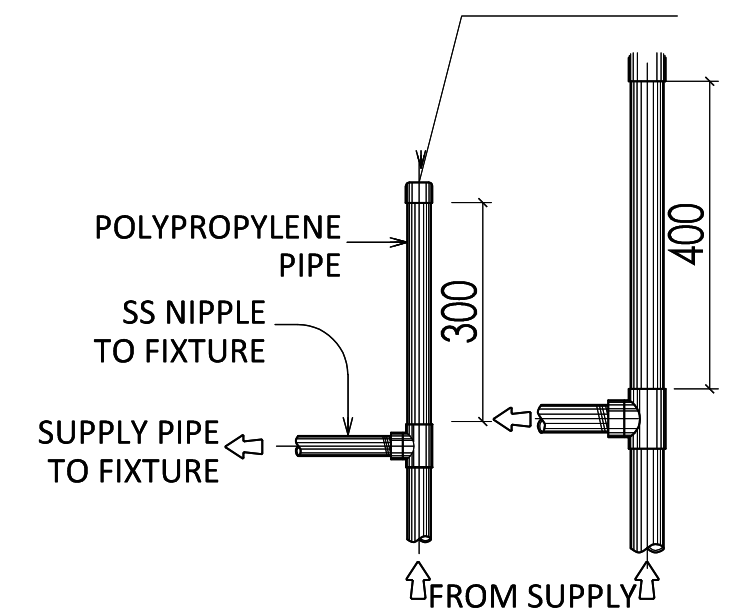
## VENT STACK THRU ROOF



## DETAIL OF FLOOR CLEAN OUT



## FLOOR DRAIN DETAILS




## AIR CHAMBER

## PLUMBING LEGEND:

<b>CD</b>	CORRIDOR DRAIN
<b>CO</b>	CLEAN OUT
<b>CV</b>	CHECK VALVE
<b>FD</b>	FLOOR DRAIN
<b>HB</b>	HOSE BIBB
<b>G.I</b>	GALVANIZED IRON
<b>GT</b>	GREASE TRAP
<b>GV</b>	GATE VALVE
<b>LAV</b>	LAVATORY
<b>KS</b>	KITCHEN SINK
<b>MH</b>	MANHOLE
<b>PPRC CWL</b>	POLYPROPYLENE RANDOM COPOLYMER COLD WATER LINE, TYPE 3, PN 20 (ISO 15874 / JOINING BY SOCKET FUSION)
<b>PPRC CWR</b>	POLYPROPYLENE RANDOM COPOLYMER COLD WATER RISER, TYPE 3, PN 20 (ISO 15874 / JOINING BY SOCKET FUSION)
<b>PVCDP</b>	POLYVINYL CHLORIDE DRAIN PIPE (SERIES 1000) (ASTM D2729 / ASTM D3311, ISO 4435 / ASTM D2564)
<b>PVCDS</b>	POLYVINYL CHLORIDE DOWNSPOUT (SERIES 1000) (ASTM D2729 / ASTM D3311, ISO 4435 / ASTM D2564)

<b>PVCSP</b>	POLYVINYL CHLORIDE SOIL PIPE (SERIES 1000) (ASTM D2729 / ASTM D3311, ISO 4435 / ASTM D2564)
<b>PVCS</b>	POLYVINYL CHLORIDE SOIL STACK (SERIES 1000) (ASTM D2729 / ASTM D3311, ISO 4435 / ASTM D2564)
<b>PVCVP</b>	POLYVINYL CHLORIDE VENT PIPE (SERIES 600) (ASTM D2729 / ASTM D3311, ISO 4435 / ASTM D2564)
<b>PVCVS</b>	POLYVINYL CHLORIDE VENT STACK (SERIES 600) (ASTM D2729 / ASTM D3311, ISO 4435 / ASTM D2564)
<b>PVCVTR</b>	POLYVINYL CHLORIDE VENT THROUGH ROOF (SERIES 600) (ASTM D2729 / ASTM D3311, ISO 4435 / ASTM D2564)
<b>PVCWP</b>	POLYVINYL CHLORIDE WASTE PIPE (SERIES 1000) (ASTM D2729 / ASTM D3311, ISO 4435 / ASTM D2564)
<b>RD</b>	ROOF DRAIN
<b>SD</b>	SINK DRAIN
<b>UD</b>	URINAL DRAIN
<b>WC</b>	WATER CLOSET
<b>WM</b>	WATER METER

 <div>DepEd</div>	PROJECT TITLE:	DRAWN BY:	CHECKED BY:	REVIEWED BY:		RECOMMENDING APPROVAL:	APPROVED BY:	APPROVED BY:	SHEET CONENT:	SHEET NO.:
	RESTORATION OF GABALDON SCHOOL BUILDING AT BAGUIO CENTRAL SCHOOL	<div>JUNELSON P. CULLADO</div> <div>TECHNICAL ASSISTANT II, EFD</div>	<div>ALDRIN JERK C. TAGAO</div> <div>MASTER PLUMBER ENGINEER II, EFD</div>	<div>CARMINA AREVALO</div> <div>OIC- EXECUTIVE DIRECTOR NHCP</div>	<div>OSCAR G. CASAYSAY</div> <div>EXECUTIVE DIRECTOR NCCA</div>	<div>ENGR. ANNABELLE R. PANGAN</div> <div>CHIEF EDUCATION FACILITIES DIVISION</div>	<div>EPIMACO V. DENSING III</div> <div>UNDERSECRETARY FOR SCHOOL INFRASTRUCTURE AND FACILITIES</div>	<div>SORAYA T. FACULO PhD, CESO VI</div> <div>ASSISTANT SCHOOL DIVISION SUPERINTENDENT OIC-OFFICE OF THE SCHOOLS DIVISION SUPERINTENDENT</div>	"AS SHOWN"	<div>3</div> <div>P4</div>
	PROJECT LOCATION:									