

SPECIFICATION:

1. PLUMBING WORKS

A. GENERAL

- 1. ALL PLUMBING WORKS AND INSTALLATIONS SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY LICENSED MASTER PLUMBER AND IN STRICT ACCORDANCE WITH THIS SPECIFICATIONS AND OF THE METHODS AS PRESCRIBED BY THE NATIONAL BUILDING CODE OF THE PHILIPPINES

B. MATERIALS

- 1. PVC SANITARY PIPES FOR SEWER - S-1000 MOLDEX
- 2. PVC SANITARY FITTINGS - S-1000 MOLDEX FOR SOIL, WASTE AND VENT PIPES
- 3. BRONZE GATE VALVES
- 4. PPR - FOR WATER PIPELINES
- 5. WATER CLOSETS - HCG BRAND OR EQUIVALENT
- 6. LAVATORY - HCG BRAND OR EQUIVALENT
- 7. URINALS - HCG BRAND OR EQUIVALENT
- 8. SINK - SUS 304 (HAIRLINE FINE FINISHED)
- 9. SOAP AND TISSUE HOLDER - VITREOUSCHINA
- 10. TOWEL BARS AND HOOK - BRASS CHROME PLATED
- 11. DRAINS - FLOOR DRAINS SHOULD BE HIGH GRADE STRONG, TOUGH AND EVEN DRAINED METALS WITH ADJUSTABLE SCREWED OVER NICKEL PLATE.
- 12. SHOWER HEAD AND VALVE - USE PRICE PFISTER OR EQUIVALENT.

C. ALTERNATE MATERIALS

- 1. ALTERNATE MATERIAL ALLOWED, PROVIDED SUCH ALTERNATE IS APPROVED BY THE ARCHITECT SUCH AS FUSION PIPES FOR WATER SUPPLY LINE.
- 2. EACH LENGTH OF PIPES, FITTINGS, TRAP, FIXTURES AND DEVICES USED IN PLUMBING SYSTEM SHALL HAVE CAST, STAMPED OR INDELIBLY MARKED ON IT, MANUFACTURERS TRADEMARK OR NAME WEIGHT, TYPE AND CLASSES OF PRODUCT WHEN SO REQUIRED.


D. INSTALLATION


- 1. INSTALL PLUMBING FIXTURES FREE FROM OPEN TO AFFORD EASY ACCESS OF CLEANING.
- 2. INSTALL PLUMBING FIXTURES AS INDICATED ON DRAWINGS, FURNISHINGS ALL BRACKETS, CLEATS, PLATES AND ANCHORS REQUIRED TO SUPPORT FIXTURES RIGIDLY IN PLACE.
- 3. INSTALL ALL FIXTURES AND ACCESSORIES IN LOCATIONS DIRECTED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS, MINIMIZING PIPE FITTINGS.
- 4. PROTECT ITEMS WITH APPROVAL MEANS TO MAINTAIN PERFECT CONDITIONS. REMOVE WORK DAMAGED OR DEFECTIVE AND REPLACE WITH PERFECT WORK WITHOUT EXTRA COST TO THE OWNER.
- 5. ALL SOIL PIPE SHALL MAINTAIN MINIMUM SLOPE OF 2%.
- 6. VERTICAL PIPES SHALL BE SECURED STRONGLY BY HOOK TO BUILDING FRAMING. PROVIDE SUITABLE BRACKET OR CHAIRS AT THE FLOORS WHICH THEY START. WHERE AN END OR CIRCUIT VENT PIPE FROM ANY FIXTURES OR LINE OF FIXTURES IS CONNECTED TO A VENT LINE SERVING OTHER FIXTURES, CONNECTIONS SHALL BE AT LEAST FOUR FEET (1.20M) ABOVE FLOOR ON WHICH FIXTURES ARE LOCATED, TO PREVENT USE OF ANY VENT LINE AS A WASTE.

E. ROUGHING- INS

- 1. PROVIDE CORRECTLY LOCATED OPENING OF PROPER SIZES WHERE REQUIRED IN WALLS AND FLOORS FOR PASSED PIPES.
- 2. ALL ITEMS TO BE EMBEDDED IN CONCRETE SHALL BE THOROUGHLY CLEANED AND FREE FROM RUST, SCALE AND PAINTS.
- 3. ALL CHANGES IN PIPE SIZES ON SOIL, WASH AND DRAIN LINES SHALL BE PROVIDED WITH REDUCING FITTINGS OR RECESSED REDUCERS.
- 4. EXTEND PIPING TO ALL FIXTURES, OUTLETS, EQUIPMENTS FROM GATE VALVES INSTALLED IN THE BRANCH NEAR THE RISER.
- 5. ALL PIPES SHALL BE CUT ACCURATELY TO MEASUREMENTS, OR WORK ED IN PLACE WITHOUT SPRINGING OR FORCING.
- 6. CARE SHOULD BE TAKEN AS NOT TO WEAKEN STRUCTURAL FORM OF THE BUILDING.

LEGEND AND SYMBOLS:

LAV	LAVATORY
AV	AIR VENTILATION
WC	WATER CLOSETS
CO	CLEAN OUT
FD	FLOOR DRAIN
CB	CATCH BASIN
DS	DOWN SPOUT
SH	SHOWER HEAD
ST	SEPTIC TANK
F	FAUCETS
FS	FIXTURES SUPPLY
UR	URINAL
GV	GATE VALVE
	

 <div>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE NATIONAL MEAT INSPECTION SERVICE</div>	PREPARED BY:	PROJECT TITLE:	NOTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENTS:	SHEET NO.:
	<u>MR. LLOYD Z. SINADJAN</u> MI-III, ENGINEERING STAFF	PROPOSED CONSTRUCTION OF 2-STOREY NMIS RTOC VIII ADMINISTRATIVE BUILDING	<u>ENGR. JON KNOX KASEY R. TKEL</u> ENGINEER III, HEAD - ENGINEERING SECTION	<u>DR. KENNEDY S. SUNICO</u> RTD, NMIS RTOC VIII	<u>DR. REILDRIN G. MORALES</u> EXECUTIVE DIRECTOR	AS SHOWN	<div>PL 1010</div>
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