#### INSTALLATION AMBIENT AIR TEMPERATURE:

MINIMUM OF 40°F AND RISING, AND REMAIN SO FOR 24 HOURS

SUBSTRATE TEMPERATURE: DO NOT APPLY WALL COATING TO SUBSTRATES WHOSE TEMPERATURE is below 40°f.

#### INCLEMENT WEATHER:

DO NOT APPLY WALL COATING DURING INCLEMENT WEATHER, UNLESS APPROPRIATE PROTECTION IS EMPLOYED, WHICH WOULD NEGATE MANUFACTURER'S WARRANTY FOR INSTALLATION.

### SUNLIGHT EXPOSER:

AVOID WALL COATING INSTALLATION WHERE FINISH COAT IS EXPOSED TO A HOT SUN, COMPLY WITH MANUFACTURER'S RECOMMENDATIONS FOR COATING INSTALLATION.

#### B. COORDINATION AND SCHEDULING:

COORDINATE WALL COATING INSTALLATION WITH OTHER CONSTRUCTION OPERATIONS.

### SEALANT INSTALLATION COORDINATION:

REFER TO SEALANT SECTION FOR SEALANT MATERIAL AND INSTALLATION. DO NOT APPLY FINISH COAT TO SURFACES TO RECEIVE SEALANTS, SEALANTS MAY BE APPLIED TO PAREX PRIMER 310 OR SANDED PRIMER 313, OR PAREX BASE COAT 121, 121 DRY, OR 121 XL AS SPECIALLY RECOMMENDED BY PAREX.

### **MAINTENANCE**

A. PROVIDE TO PROTECT OWNER SEALED CONTAINERS OF TEXTURED FINISH TO REPAIR 20 SQUARE FEET OF EACH COLOR USED.

### **WARRANTY**

UPON REQUEST, AT COMPLETION OF INSTALLATION, PROVIDE PAREX STANDARD LIMITED COATING SYSTEMS WARRANTY.

#### PART 2 - PRODUCTS

#### **MANUFACTURERS**

MANUFACTURER: PAREX, P.O. BOX 189, REDAN GA

SYSTEM:

PAREX SYNTHETIC (ACRYLIC) WALL COATING FOR PORTLAND CEMENT PLASTER.

### LEVELER (OPTIONAL):

PRIME COAT:

PAREX BASE COAT 121, 121 DRY, AND 121 XL AS

# PAREX 310 AND SANDED PRIMER 313, ACRYLIC POLYMER

COATING, TINTED TO MATCH TEXTURED FINISH COLOR.

PAREX FACTORY-MIXED ACRYLIC POLYMER-BASED

COATING; INTEGRALLY COLORED; TEXTURE AS A. (FIELD) TYPE: PAREX 100% ACRYLIC POLYMER-BASED SYNTHETIC FINISH

## **B.** (FIELD) TEXTURE: SANDBLAST

- C. (FIELD) COLOR: CHOCOLATE FIZZ
- D. (ACCENT) TYPE: PAREX 100% ACRYLIC POLYMER-BASED SYNTHETIC
- E. (ACCENT) TEXTURE: SANDBLAST
- F. (ACCENT) COLOR; EARTHWARE

## RELATED MATERIALS

## SYNTHETIC WALL COATINGS OVER STUCCO EXPANDED LANGUAGE

SEALANT MATERIAL SHALL BE IN COMPLIANCE WITH MANUFACTURER'S REQUIREMENTS FOR PAREX SYNTHETIC WALL

# PART 3 - EXECUTION

# MANUFACTURER'S INSTRUCTIONS

COMPLY WITH MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION OF SYNTHETIC WALL COATING OVER PORTLAND CEMENT PLASTER.

#### SUBSTRATE EXAMINATION (PORTLAND CEMENT PLASTER BROWN COAT) EXAMINE PRIOR TO COATING INSTALLATION SUBSTRATE AS FOLLOWS:

- 1. SUBSTRATE SHALL BE OF A TYPE APPROVED BY PAREX.
- 2. SUBSTRATE SHALL BE EXAMINED FOR SOUNDNESS, AND OTHER HARMFUL CONDITIONS.
- 3. SUBSTRATE SHALL BE FREE OF DUST, DIRT, LAITANCE, EFFLORESCENCE, AND OTHER HARMFUL CONTAMINANTS.

## **PREPERATION**

# FIELD MIXING:

MIX PAREX PROPRIETARY PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

- B. SUBSTRATE CONDITIONS
- SUBSTRATE SHALL BE CURED.
- 2. SUBSTRATE SHALL HAVE NO IRREGULARITIES GREATER THAN 1/4" (6.4 MM), AND SHALL BE SOUND AND FREE OF FOREIGN SUBSTANCES, INCLUDING PAINT, BOND BREAKERS, FORM OILS, LAITANCE, SCALING
- 3. ONSAFISFACTORY CONDITIONS SHALL BE CORRECTED BEFORE THE APPLICATION OF THE COATINGS.
- 4. PAINTED SURFACES SHALL HAVE PAINT REMOVED TO ACHIEVE A SUBSTRATE WITH 90% OR MORE OF THE SURFACE FREE OF PAINT,
- 5. SANDING SURFACES SHALL BE ELIMINATED MECHANICALLY, AND THEN WASHED WITH CLEAR WATER.
- 6. REMOVE EFFLORESCENCE USING MECHANICAL REMOVAL AND/OR A DILUTED ACID SOLUTION FOLLOWED BY COMPLETE RINSING.
- 7. NEW STUCCO SURFACES REQUIRE NO SPECIAL ATTENTION.
- APPLY PRIME COAT TO BASE COAT AFTER DRYING. PRIMER MAY BE OMITTED IF IT IS NOT REQUIRED BY THE MANUFACTURER'S PRODUCT DATA SHEET FOR THE SPECIFIED FINISH COAT.
- 9. APPLY FINISH COAT, TEXTURE AND COLOR AS

## INSTALLATION

INSTALLATION SHALL CONFORM TO THIS SPECIFICATION AND PAREX product data sheets, and parex written instructions and

### CLEAN UP

REMOVE AND LEGALLY DISPOSE OF COATING INSTALLATION DEBRIS material from job site.

### FLOOR AND WALL TILE INSTALLATION

DRAWING DETAILS.

- 1. PROVIDE ALL TILE WORK COMPLETE IN PLACE AS INDICATED ON DRAWINGS, SPECIFIED HEREIN.
- 2. TILE WORK SHALL BE SUBJECT TO PERFORMANCE STANDARDS AS SET BY THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) SPECIFICATION A-137J-80 FOR CERAMIC TILE OR CT-69-5 FOR SPECIAL PURPOSE TILE AND THE TILE COUNCIL OF AMERICA (TCA) CURRENT HANDBOOK FOR CERAMIC TILE INSTALLATION.
- 3. DELIVER MATERIAL TO THE JOB SITE AND STORE IN ORIGINAL UNOPENED CARTONS WITH ALL LABELS INTACT AND LEGIBLE.
- 4. TILE SHOULD BE STORED IN A DRY COVERED AREA.

#### B. PRODUCT

- 1. TILE SHALL BE STANDARD GRADE IN ACCORDANCE WITH SPECIFICATIONS PUBLISHED BY ANSI A-137J-80 FOR CERAMIC TILE OR CTI-69-5 FOR SPECIAL PURPOSE TILE.
- 2. THRESHOLDS: PROVIDE THRESHOLDS TO ADJUST BETWEEN TILE AND OTHER FLOOR FINISHES.
- C. INSTALLATION
- 1. ACCEPTABILITY OF SURFACES: SURFACES TO BE TILED SHALL BE SMOOTH and level for mortar bed at the required finish elevation, and A STEEL TROWEL FINISH WITH A LIGHT BROOM TEXTURED FINISH WITHOUT MORE THAN THE FOLLOWING MAXIMUM VARIATIONS:

PORTLAND CEMENT MORTAR: WALLS AND CEILINGS - 1/4' IN 8' FLOORS -

DRY SET, LATEX AND CEMENT MORTARS: WALLS AND CEILINGS -1/8" IN 8'; FLOORS - 1/8" IN 10'.

- 2. PREPARATION: PRIOR TO THE START OF LAYING TILE, SWEEP OR VACUUM AND WASH ALL SURFACES TO BE COVERED. SURFACE SHOULD BE FREE FROM COATING, CURING COMPOUNDS, OIL, GREASE, WAX AND DUST.
- 3. JOB CONDITIONS: A MINIMUM TEMPERATURE OF 50 DEG. F (10 DEG. C) SHOULD BE MAINTAINED DURING TILE WORK AND FOR SEVEN (7) DAYS THEREAFTER, PROVIDE ADEQUATE LIGHTING FOR GOOD GROUTING AND
- 4. LAYOUT OF WORK: DETERMINE LOCATIONS OF ALL MOVEMENT (EXPANSION) JOINTS BEFORE STARTING TILE WORK. LAY OUT ALL TILE WORK SO AS TO MINIMIZE CUTS LESS THAN ONE HALF TILE IN SIZE. LOCATE CUTS IN BOTH WALLS AND FLOORS SO AS TO BE LEAST CONSPICUOUS.
- 5. SETTING METHODS: SET TO TILE COUNCIL OF AMERICA SPECIFICATIONS WALLS \*W242-90 AND FLOORS \*F113-90.
- 6. GROUTING: FOLLOW MANUFACTURER'S RECOMMENDATIONS AS TO GROUTING PROCEDURES AND PRECAUTIONS. REMOVE ALL GROUT HAZE, OBSERVING GROUT MANUFACTURER'S RECOMMENDATIONS AS TO THE USE OF VARIOUS
- FOR FINAL CLEANING, ACID CLEANERS ARE NOT RECOMMENDED.

## KITCHEN FLOOR

OLYMPIA FLOORING TO PROVIDE MATERIAL FROM SAME PRODUCTION RUN FOR AREA, VINYL TILE TYPE A, 1/8" THICK, 12" X 12" UNITS. FLEXTILE #3308.

## INTERIOR FLOOR TILE

INTERIOR WALL AND FLOOR FINISH LAYOUTS AND PATTERNS SHOWN ON INTERIOR ELEVATIONS AND FLOOR TILE PLAN. FLOOR TILE GROUT TO BE MAPEI/KERABOND DAL QUALITY GROUT (SEE FINISH SCHEDULES).

POST CONSTRUCTION CLEANUP WITH ANOTHER APPLICATION OF A NEUTRAL CLEANER WITH ABRASIVE ADDITIVE (WALTER G. LEGGE'S "TEXSPAR" OR EQUAL), AND BEST ACCOMPLISHED WITH A DECK BRUSH OR SCRUBBING MACHINE.

USE PHOSPHORIC ACID OR SULFAMIC ACID ONLY FOR REMOVAL OF ANY GROUT RESIDUE. DO NOT USE MURIATIC ACID.

## INTERIOR WALL TILE

- A. WALL TILE TO BE AS NOTED ON DRAWINGS (SEE FINISH SCHEDULE).
- B. WALL TILES TO BE SET WITH TYPE 1 MASTIC, AND GROUTED AS NOTED ON FINISH SCHEDULE.
- C. GROUT TO BE MAPEI/DALQUALITY GROUT.

## GYPSUM DRYWALL

FURNISH ALL MATERIAL AND LABOR NECESSARY TO PROVIDE FINISHED DRYWALL SURFACES IN ALL AREAS SCHEDULED TO RECEIVE THIS FINISH ON THE DRAWINGS. TAPE, SPACKLE AND SAND SURFACES AS TO RECEIVE PAINT, REPEAT AS REQUIRED.

ALL DRYWALL OVER FURRING AND WOOD STUDS SHALL BE 1/2" FIRECODE GYPSUM. MATERIALS SHALL BE STANDARD PRODUCTS MANUFACTURED BY U.S. GYPSUM, NATIONAL GYPSUM, OR GOLD BOND GYPSUM COMPANY.

## **CEILING SUSPENDED SYSTEM**

FURNISH ALL MATERIALS AND LABOR TO PROVIDE A COMPLETE SUSPENDED CEILING INCLUDING CEILING TILE, HANGERS, GRID TEES, AND ALL MOLDINGS. REFER TO FINISH SCHEDULE.

- A. THE ACOUSTICAL CEILING MATERIALS IN THE DINING ROOM SHALL BE TYPE III MATERIAL. PANELS TO BE AS NOTED ON FINISH SHEETS. EXPOSED CEILING GRID AND FRAMING SHALL BE COLD ROLLED STEEL EXPOSED SURFACES WITH PREFINISHED MANUFACTURERS STANDARD ENAMEL PAINT. COLOR TO MATCH TILE.
- B. THE ACOUSTICAL CEILING IN THE KITCHEN SHALL VINYL FACED GYPSUM PANELS WASHABLE, FIRECODE "C" LAY-IN PANELS (SEE FINISH SPECS.) CEILING FRAME AND GRID TO BE OF COLD ROLLED STEEL EXPOSED SURFACES WITH PREFINISHED MANUFACTURER'S STANDARD ENAMEL PAINT, COLOR TO MATCH TILE, (USG OR EQUAL)

## WALL FINISH

## TEXTURED FIBERGLASS REINFORCED POLYESTER (FRP) PANELS

SANITARY WALL SYSTEMS TO BE "WHITE" FRP PANEL, INSTALL 4'X9'X1/8" PANEL WITH HARMONIZING MARLITE PVC MOLDINGS, ADHESIVE AND SEALANTS IN STRICT ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTALLATION

\*NOTE: IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE USE OF "CLASS A" OR "CLASS C" MATERIAL.

THE WORK TO BE DONE BY THE PAINTING CONTRACTOR SHALL INCLUDE THE FURNISHING OF ALL MATERIALS, LABOR, TOOLS AND EQUIPMENT REQUIRED TO COMPLETE THE PAINTING OF BUILDING AS SPECIFIED. THE SUBMISSION OF A BID BY THIS CONTRACTOR CONFIRMS AN UNDERSTANDING OF ALL CONDITIONS PERTAINING TO THIS WORK AND PROPER APPLICATION OF MATERIALS SPECIFIED.

#### WORKMANSHIP

- 1. ALL MATERIALS SHALL BE APPLIED FREE FROM RUNS, SAGS, WRINKLES, STREAKS, SHINERS AND BRUSH MARKS.
- 2. ALL MATERIALS SHALL BE APPLIED UNIFORMLY. IF ANY REDUCTION OF THE COATINGS VISCOSITY IS NECESSARY, IT SHALL BE DONE IN ACCORDANCE WITH THE MANUFACTURER'S LABEL DIRECTIONS.
- 3. NEW PLASTER AND OTHER MASONRY SURFACES SHALL NOT BE PRIMED UNTIL IT HAS BEEN DETERMINED THESE SUBSTRATES HAVE DRIED SUFFICIENTLY TO SAFELY ACCEPT PAINT. A RELIABLE ELECTRONIC MOISTURE METER SHOULD BE USED TO MAKE THIS DETERMINATION. UNACCEPTABLE MOISTURE CONTENT SHOULD BE REPORTED TO THE ARCHITECT OR HIS REPRESENTATIVE.
- 4. MANNININIED INJURIOR THE PRECAUNTE APPLICATE OR BRANCHED THE PAINT, AND UNTIL OCCUPANCY OF THE BUILDING OCCURS. ADEQUATE VENTILATION SHALL BE MAINTAINED AT ALL TIMES TO CONTROL EXCESSIVE HUMIDITY WHICH WILL ADVERSELY AFFECT THE CURING OF COATINGS. THE GENERAL CONTRACTOR IS SOLELY RESPONSIBLE FOR MAINTAINING SUITABLE TEMPERATURES AND VENTILATION.
- 5. BEFORE PAINTING BEGINS, ALL OTHER CRAFTS SHALL HAVE COMPLETED THEIR WORK AND SHALL HAVE REMOVED ALL DIRT AND DEBRIS RESULTING THEREFROM. THE ROOMS OR AREAS ARE TO BE LEFT IN BROOM CLEAN
- 6. ENAMEL AND VARNISH UNDERCOATS ARE TO BE SANDED PRIOR TO THE RECOATING. TOP AND BOTTOMS OF DOORS ARE TO BE FINISHED IN THE SAME MANNER AS DOOR FACING, AFTER THE CARPENTERS COMPLETE FITTING
- 7. NO EXTERIOR PAINTING SHALL BE UNDERTAKEN IF AIR OR SURFACE TEMPERATURE IS BELOW 50 DEGREES F, NOR IMMEDIATELY FOLLOWING RAIN OR UNTIL FROST, DEW OR CONDENSATION HAS EVAPORATED. SURFACES SHOULD ALWAYS BE TESTED WITH MOISTURE METER BEFORE PROCEEDING.

## PREPARATION OF SURFACES

OF THEM.

- 1. THE PAINTING CONTRACTOR SHALL BE WHOLLY RESPONSIBLE FOR THE QUALITY OF HIS WORK, AND IS NOT TO COMMENCE ANY PART OF IT UNTIL SURFACE IS IN PROPER CONDITION.
- 2. IF THE PAINTING CONTRACTOR CONSIDERS ANY SURFACE UNSUITABLE FOR PROPER FINISHING, HE IS TO NOTIFY THE GENERAL CONTRACTOR OF THIS FACT IN WRITING, HE IS NOT TO APPLY ANY MATERIAL UNTIL CORRECTIVE MEASURES HAVE BEEN TAKEN, OR GENERAL CONTRACTOR HAS INSTRUCTED TO PROCEED.
- 3. ALL SURFACES ARE TO BE CLEAN, IF FOR ANY REASON THE SURFACE CANNOT BE CLEANED, THIS CONDITION SHALL BE PROMPTLY REPORTED TO THE GENERAL CONTRACTOR AND TIM HORTONS.
- 4. IF THE PAINTING CONTRACTOR HAS BEEN INSTRUCTED BY THE GENERAL CONTRACTOR TO BEGIN PAINTING UNDER CONDITIONS AND CIRCUMSTANCES HE BELIEVES COULD RESULT IN POOR PERFORMANCE AND EARLY FAILURE OF THE COATINGS, HE SHALL REQUEST A DECISION IN WRITING FROM TIM HORTONS.
- 5. THE PRIME COAT SHOULD BE APPLIED SOON AFTER SURFACE PREPARATION. HAS BEEN COMPLETED, TO PREVENT CONTAMINATION OF THE SUBSTRATE.

## **INSPECTION**

1. ANY WORK NOT CONFORMING TO THE SPECIFICATIONS OR DOES NOT MEET WITH THE APPROVAL OF THE OWNER, SHALL BE REMOVED OR CORRECTED AND/OR REPAINTED AS APPROVED BY THE OWNER.

# PAINT SCHEDULE

A. EXTERIOR FENCES AND ENCLOSURES

ONE COAT. COLOR TO MATCH BRICK.

## B. PAINTED DRYWALL

DRYWALL TO BE PRIMED WITH BENJAMIN MOORE LATEX QUICK DRY PRIME SEAL (#201) AND FINISHED WITH TWO COATS OF BENJAMIN MOORE'S REGAL AQUA VELVET WHITE (#31901) SEE FINISH SPECIFICATION P-3.

# DIVISION 10 - SPECIALTIES

# EXTERIOR TRASH ENCLOSURE

TRASH ENCLOSURE SHALL BE AS PER SPECIFICATIONS AND DRAWINGS (SEE SITE PLAN AND DETAILS). GATE HARDWARE AND STEEL SUPPLIED THROUGH FORTIN WELDING (SEE SHEET S-6).

## **GENERAL SIGNAGE**

TOTAL SIGNAGE INCLUDING MENU AND SPEAKER SIGNS SHALL BE FURNISHED BY OWNER AND INSTALLED BY LICENSED SIGN ERECTOR, SEE APPROVED SIGN

## **BUILDING SIGNS**

BUILDINGS WITH STUCCO FASCIA (DRYVIT #113 AMARILLO WHITE) TO BE

### INSTALLED PER EXTERIOR ELEVATIONS. MENUBOARDS (INTERIOR AND EXTERIOR)

ALL BUILDINGS REQUIRE: (ONE) 4-PANEL EXTERIOR MENUBOARD SUPPLIED AND INSTALLED BY SIGN

## KITCHEN EQUIPMENT

GENERAL CONTRACTOR TO RECEIVE AND UNLOAD ALL KITCHEN EQUIPMENT. KITCHEN EQUIPMENT INSTALLER WILL SET UP EQUIPMENT WITH GENERAL CONTRACTOR MAKING ALL FINAL HOOK-UPS.

## COMMUNICATION SYSTEM

TOTAL COMMUNICATION SYSTEM SHALL BE AS MANUFACTURED BY H.M.E., SYSTEM SHALL BE FURNISHED AND INSTALLED BY OWNER, CONTRACTOR TO FURNISH CONDUIT, ELECTRICAL CONNECTION AND COORDINATE INSTALLATION WITH ELECTRICIAN.

## PUBLIC RESTROOM DOORS/PARTITIONS

TOILET STALL DOORS SHALL BE METAL, FLOOR MOUNTED AND OVERHEAD BRACED, MANUFACTURED BY "HADRIAN MANUFACTURING, INC. SEE FINISH SCHEDULES FOR COLOR.

### PUBLIC RESTROOM ACCESSORIES

- 1. HAND DRYERS: "WORLD DRYER" MODEL NO. RA5 RECESSED MOUNTED W/ LOUVERED NOZZLE BEIGE COUNTRY AS FURNISHED BY G.C. AND INSTALLED BY ELECTRICAL CONTRACTOR.
- 2. 24'W  $\times$  42'H WALL MOUNTED PLATE GLASS MIRROR W/STAINLESS STEEL FRAME.
- 3. LIQUID SOAP DISPENSERS: WALL MOUNTED TYPE 304, STAINLESS STEEL WITH BRIGHT POLISH FINISH. BOBRICK MODEL NO. B-2111 INSTALLED BY GENERAL CONTRACTOR.
- 4. TOILET TISSUE DISPENSERS: LAVATORY MOUNTED JUMBO ROLL TISSUE DISPENSER BY KIMBERLY CLARK MODEL NO. 09672 JRT INSTALLED BY GENERAL CONTRACTOR.
- 5. HANDICAPPED GRAB BARS; BOBRICK SERIES NO. GO4-51P STAINLESS STEEL WITH EXPOSED MOUNTING. FINISH SHALL BE SMOOTH AND FURNISHED COMPLETE WITH MOUNTING KIT. ALL ITEMS SHOWN ON DRAWINGS SHALL BE FURNISHED AND INSTALLED BY GENERAL CONTRACTOR.

### A.D.A. RESTROOM IDENTIFICATION SIGN

SIGN SHALL BE 6" X 8" BEIGE WITH CONTRASTING BROWN ICONS IN COMPLIANCE WITH SECTION 4-30-6 OF THE ADA MANUAL SIGN SHALL BE MOUNTED ON WALL (LATCH SIDE OF DOOR).

### STAINLESS STEEL CORNERS

18 GAUGE STAINLESS STEEL WRAP STYLE CORNER PROTECTORS IN KITCHEN AREA. INSTALL PRIOR TO FLOOR AND WALL TILE IN ACCORDANCE WITH LOCATIONS NOTED ON EQUIPMENT PLAN. SUPPLIED BY S & G METAL WORKS AND INSTALLED BY GENERAL CONTRACTOR.

### WALL DECOR

SUPPLIED BY TIM HORTONS EQUIPMENT SUPPLIER. INSTALLED BY G.C.

SILK PLANT PACKAGE

FLOOR MOUNTED TABLE BASES

DIVISION 15 - MECHANICAL

SUPPLIED BY OWNER. INSTALLED BY G.C.

- 1. PROVIDE ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO EXECUTE THE PLUMBING WORK INDICATED ON THE DRAWINGS, AND AS
- REQUIRED BY LOCAL CODES AND ORDINANCES. 2. PAY ALL FEES AND ARRANGE FOR EXECUTION OF ALL TAPS, METERS WITH REQUIRED ENCLOSURES (IF ANY), ETC. INHERENT TO THE INSTALLATION OF NEW PLUMBING SERVICE.
- 3. PLUMBING WORK FOR THIS CONTRACT SHALL INCLUDE ALL PIPING FOR DOMESTIC HOT AND COLD WATER LINES AND SANITARY LINES, HOOK-UP OF ALL FIXTURES SCHEDULED ON THE DRAWINGS, AND INSULATION OF DESIGNATED PIPING RUNS, WORK SHALL ALSO INCLUDE ALL GAS PIPING AND EQUIPMENT
- 4. ALL ITEMS SUCH AS FITTINGS, ETC. NOT MENTIONED BUT UNDERSTOOD TO BE
- NECESSARY TO COMPLETE THE PLUMBING SYSTEM SHALL BE INCLUDED. 5. SOIL, WASTE, AND VENT PIPING TO BE OF MATERIAL APPROVED BY LOCAL
- CODES. PVC, DWV PIPING AND FITTINGS TO BE SCHEDULE 40 AS A MINIMUM. 6. PROVIDE CLEANOUTS FOR SOIL AND WASTE LINES AS SHOWN ON DRAWINGS, AND OF TYPE APPROVED BY LOCAL CODES.
- 7. ALL WATER SUPPLY PIPING BELOW GROUND SHALL BE TYPE K SOFT COPPER TUBING, (AVOID FITTINGS BELOW SLAB WHENEVER POSSIBLE). ALL WATER SUPPLY PIPING ABOVE GROUND SHALL BE TYPE L HARD COPPER TUBING.

8. PROVIDE FOR DRAINING WATER SYSTEM, AND CAP ALL STUBS UNTIL FINISH WORK

- IS INSTALLED. INSTALL DRAIN VALVE AT WATER METER WITH 3/4" HOSE THREAD AND VACUUM BREAKER.
- 9. PROVIDE STOPS ON WATER SUPPLIES TO EACH FIXTURE. 10. GAS PIPING FOR HEATING SYSTEMS WITH GAS-FIRED EQUIPMENT SHALL BE INCLUDED IN THIS CONTRACT. GAS PIPING SHALL BE STANDARD WEIGHT, BLACK STEEL PIPE, SCHEDULE 40. PIPING EXPOSED TO ATMOSPHERE OR RUN BELOW GRADE SHALL HAVE POLYETHYLENE PLASTIC COATING. ALL GAS PIPING, FITTINGS AND INSTALLATION SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF
- UTILITY COMPANY AND ALL GOVERNING BODIES. 11. INSULATE ALL COLD AND HOT WATER PIPING WITH ARMSTRONG COMPANY ARMAFLEX '11' PIPE INSULATION. SEAL JOINTS WITH ARMSTRONG 520 ADHESIVE. IMPORTANT - HOLD ALL COLD AND HOT WATER PIPING TO WARM SIDE OF INSULATION TO PROHIBIT FREEZING. INSULATION SHALL MEET FLAME SPREAD AND
- SMOKE DEVELOPED RATINGS REQUIRED BY LOCAL CODES. 12. PLUMBING FIXTURES SHALL BE FURNISHED AND INSTALLED WHERE SHOWN ON THE DRAWINGS. ALL FIXTURE FITTINGS AND EXPOSED FIXTURE PIPING SHALL BE BRASS CHROMIUM PLATED. ALL TRAPS SHALL BE CAST BRASS. ALL FIXTURES SHALL BE BONE, FIXTURES SHALL BE AS MANUFACTURED BY AMERICAN STANDARD, KOHLER OR CRANE AND EQUAL IN ALL RESPECTS TO FIXTURES SPECIFIED. CLOSET SEATS

ELONGATED "OLSONITE" #95 OPEN FRONT SEAT. NOT SELF-

ELONGATED "OLSONITE" #95 OPEN FRONT SEAT. NOT SELF-

MCGUIRE FLEXIBLE TUBE RISER, WHEEL HANDLE STOP, ESCUTCHEON,

# SHALL BE BEMIS.

NO. 81T201-6 DELTA FLUSH VALVE

WATER CLOSET (WC-1)
NO. 3043.102 AMERICAN STANDARD: ELONGATED "WHITE" WATER-SAVER "MADERA" 17" RIM HEIGHT VITREOUS CHINA TOILET MCQUIRE FLEXIBLE SUPPLY STOP

<u>Water Closet (WC-2)</u> No. 2234.015 American Standard; Elongated 'White' Water-saver VITREOUS CHINA TOILET "MADERA" NO. 169 MCGUIRE FLEXIBLE SUPPLY STOP

PROVIDE WITH WALL HANGERS

#### SUSTAINING HINGE NO. 81T201-6 DELTA FLUSH VALVE

NO. 167

SUSTAINING HINGE

LAVATORY (LAV-1) SINGLE INTEGRAL VANITY TOP AND BOWL, WHITE (BOWL POSITION "C") NO. 8872 MCGUIRE ADJUSTABLE VAST BRASS "P" TRAP WITH TUBING DRAIN TO WALL 1 1/4" INLET AND OUTLET, CLEANOUT PLUG ESCUTCHEON NO.21T153 DELTA FAUCET WITH GRID STRAINER

#### AMERICAN STANDARD: "WASHBROOK" WHITE VITREOUS WASHOUT FLUSH ACTION, WALL HUNG, PROVIDE STRAINER DELTA FLUSH VALVE WITH INTEGRAL STOP

FIXTURES AND EQUIPMENT FIXTURES AND EQUIPMENT BY OTHERS. ROUGH-IN AND FINAL CONNECTIONS OF REQUIRED WASTE, VENT, AND WATER SUPPLY PIPING BY PLUMBING CONTRACTOR. ALL

SUPPLY PIPING SHALL BE VALVED. 13. WATER METER IS A POSITIVE DISPLACEMENT METER OF THE NUTATING DISC TYPE AS REQUIRED BY LOCAL UTILITY COMPANY.

14. GAS "COMMERCIAL" WATER HEATER SHALL BE A RHEEM-RUUD MODEL HE 80-130. WATER HEATER SHALL HAVE A STORAGE CAPACITY OF 80 GALLONS WITH AN ENERGY INPUT OF 130,000 BTU. A RECOVERY OF 125 GALLONS PER HOUR AT A 90 DEGREE (FAHRENHEIT) TEMPERATURE RISE, AND BE EQUIPPED TO OPERATE ON NATURAL GAS. WATER HÉATER SHALL BE STÁINLESS STEEL CONSTRUCTION WITH A LIMITED FIVE-YEAR TANK WARRANTY. COMPARABLE TANK MAY BE USED ONCE APPROVED BY TIM HORTONS ENGINEER, VENT PER MANUFACTURER'S RECOMMENDATIONS.

ATION

APPROVEI SPECIFICA

DRAWING NUMBER: