

ISSUE
02/28/12
ISSUED FOR PERMIT
AND PRICING

PLUMBING SCOPE & SPECIFICATION

THE WORK OF THIS SECTION SHALL INCLUDE, BUT NOT BE LIMITED TO:

- DOMESTIC HOT AND COLD WATER DISTRIBUTION SYSTEM TO SERVE ALL FIXTURES AND EQUIPMENT.
 - SEMI-RY SOIL WASTE AND GREASE WASTE AND VENT SYSTEMS TO SERVE ALL FIXTURES AND EQUIPMENT.
 - CONNECT TO EXISTING COLD WATER, SANITARY, AND GREASE WASTE MAINS.
 - A NATIONAL GAS DISTRIBUTION SYSTEM TO SERVE ALL GAS-FEED EQUIPMENT.
- GAZ SERVICE COMPLETE WITH METER AND REGULATOR SET.
- DRAWINGS ARE DIAGRAMMATIC. CONFIRM DIMENSIONS AND LOCATIONS IN THE FIELD. ADVISE OF MAJOR DISCREPANCIES.
- GUARANTEE LABOR AND MATERIALS FOR ONE YEAR.
- ADHERE TO APPLICABLE LOCAL CODES AND REGULATIONS, WHICH INCLUDE BUT ARE NOT LIMITED TO CITY OF SUGAR LAND (2003 INTERNATIONAL PLUMBING CODE WITH AMENDMENTS).
- PRODUCE RECORD DRAWINGS.
- CONTRACTOR SHALL OBTAIN REQUIRED PERMITS AND PAY ALL FEES.

VALVES
VALVES SHALL BE MANUFACTURED BY NIBCO, HAMMOND, POWELL, STOOKHAM, WATTS OR EQUIVALENT APPROVED BY THE ENGINEER.

GATE VALVES SHALL CONFORM TO MSS-SP-90 FOR BRONZE AND MSS-SP-97 FOR IRON. VALVES 2" AND SMALLER SHALL BE NIBCO 1-113 OR S-113 OR APPROVED EQUIVALENT. BALL VALVES SHALL HAVE CAST BRONZE BODY, BLOWOUT PROOF STEPS, FULL SIZE PORT, 316 STAINLESS STEEL TRIM, TEFLON SEAL AND SEAL AND PRESET WASHERS. VALVES 2" AND SMALLER SHALL BE NIBCO 1-585-70-86 OR APPROVED EQUIVALENT.

UNIONS
UNIONS IN COPPER OR BRASS LINES SHALL BE BRASS, THREADED PATTERN UNIONS.

EXCAVATION

EXCAVATE TRENCHES FOR UNDERGROUND PIPING TO THE REQUIRED DEPTH. CUT THE BOTTOM OF THE TRENCH OR EXCAVATION TO UNIFORM GRADE. EXCAVATE 6" BELOW GRADE, FILL WITH BEDDING MATERIAL (SAND) AND TAMP WELL.

LAY OUT ALIGNMENT OF PIPE TRENCHES TO AVOID OBSTRUCTIONS. PROVIDE ASSURANCE THAT PROPOSED ROUTE OF PIPE WILL NOT INTERFERE WITH BUILDING FOUNDATION BEFORE ANY WORK BEGINS. ALL EXCAVATION SHALL BE REFERENCED TO THE FINISHED GRADE. ARCHITECT/OWNER BEFORE PROCEEDING.

BACKFILL

BACKFILL SHALL NOT BE PLACED UNTIL THE WORK HAS BEEN INSPECTED, TESTED AND APPROVED. USE SUITABLE FRIABLE SOILS AS BACKFILL MATERIALS. DO NOT USE PEAT, SILT, MUCK, DEBRIS OR OTHER ORGANIC MATERIALS. DEPOSIT BACKFILL IN UNIFORM LAYERS. PLACE BACKFILL MATERIAL IN UNIFORM LAYERS, 8" MAXIMUM LOOSE MEASURE. COMPACT TO NOT LESS THAN 95% OF MAXIMUM SOIL DENSITY AS DETERMINED BY ASTM D898 STANDARD PRACTICE.

PLUMBING BEING HANGER SPACING

MAXIMUM SPACING SHALL BE 10 FOOT.

CLEANING, TESTING AND ADJUSTING

THIS CONTRACTOR SHALL FURNISH ALL LABOR, TOOLS, INSTRUMENTS, AND SUPERVISION REQUIRED FOR THE PERFORMANCE OF ALL TESTS, CLEANING, AND MAKING NECESSARY ADJUSTMENTS TO OPERATION OF ALL FIXTURES AND EQUIPMENT.

PIPING INSULATION

ALL COLD WATER PIPING, FITTINGS AND VALVES SHALL BE INSULATED WITH NOMINAL 1/2" WALL THICKNESS MOGULOCK PIPE INSULATION, OR AN APPROVED EQUAL HAVING FLAME SPREAD RATING OF 25 OR LESS AND A SMOKE DENSITY OF 50 OR LESS WHEN TESTED BY ASTM E-84 METHOD.

MOGULOCK PIPE INSULATION MAY BE SLIPPED ONTO THE PIPE PRIOR TO CONNECTION OR APPLIED AFTER THE PIPE IS INSTALLED. AT THE CONTRACTOR'S OPTION, ALL BUTT JOINTS AND WELDED JOINTS SHALL BE CLOSED USING MOGAK'S FUSE SEAL JOINING SYSTEM OR ANOTHER APPROVED CONTACT ADHESIVE. MOGULOCK PIPE INSULATION SHALL BE INSTALLED ACCORDING TO THE PROCEDURES OBTAINED BY THE MANUFACTURER.

FITTING COVER INSULATION SHALL BE FABRICATED AND INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDED PROCEDURES. SWIRL FITTINGS SHALL BE INSULATED WITH WATER CUT PEECES OF MOGULOCK PIPE INSULATION THE SAME SIZE AS OR ADJACENT PIPING WITH INSULATION WRAPPED AROUND THE FITTING AND SEAMED TO THE MANUFACTURER'S SLEEVING SIZE RECOMMENDATIONS AND SHALL BE OVERLAPPED 2" AND PEECES OF MOGULOCK PIPE INSULATION. ALL JOINTS AND WELDED JOINTS SHALL BE SEAMED USING MOGAK'S FUSE SEAL JOINING SYSTEM OR FACTORY APPROVED CONTACT ADHESIVE.

SUPPORTING HANGERS SHALL BE DESIGNED TO RESIST COMPRESSION. SUPPORTING DEVICES SUCH AS SHORT WOOD DOCKELS OR WOOD BLOCKS SHALL BE USED IN CONJUNCTION WITH THE SAME KINDS OF INSULATION. DOCKELS AND WOOD BLOCKS SHALL BE SET TO THE SAME THICKNESS AS THE INSULATION AND SEALED TO THE INSULATION WITH FACTORY APPROVED CONTACT ADHESIVE.

INSTALL THERMAL INSULATION ON CLEAN, DRY SURFACES AFTER ALL TESTING AND INSPECTION IS COMPLETED. INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH THESE SPECIFICATIONS AND WITH MANUFACTURER'S INSTRUCTIONS.

HOT WATER CIRCULATOR SCHEDULE

UNIT NO.	G.P.M.	HEAD FEET	RPM		MODEL NO.		
			H.P.	V.			
HMCP-1	3	10	1725	1/8	120	1	BELL & GOSSSET # SERIES IV

PIUMP TO BE CONTROLLED BY TIME CLOCK TO SHUT PUMP OFF DURING UNOCCUPIED HOURS.

TANKLESS GAS WATER HEATERS

ITEM NO.	TOTAL BTU DELIVERED AT 45°F RISE	MAXIMUM GPM	MINIMUM FLOW RATE (GPM)	ELECTRICAL REQUIRED	TEMPERATURE SETTINGS (°)	MANUFACTURER COMMENT
THW-1	199,900	7.5	0.5	120V/15/60HZ	140°	NORITZ N-0751M-00 OUTDOOR STAINLESS WATER HEATER
THW-2	199,900	7.5	0.5	120V/15/60HZ	140°	NORITZ N-0751M-00 OUTDOOR STAINLESS WATER HEATER

NOTES:

- PROVIDE FLUE EXHAUST IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND LOCAL CODE REQUIREMENTS.

SHOCK ARRESTORS

P.I.D. SYMBOL	FIXTURE UNITS	CHAMBER LENGTH	SWEAT CONNECTION
A	1-11	9-5/8"	1/2"
B	12-32	11-3/4"	3/4"
C	33-60	14-11/16"	1"
D	61-113	12-3/8"	1"
E	114-154	15-3/8"	1 1/2"
F	155-330	17-3/8"	1"

FIRE SPRINKLER SYSTEM

- DESIGN AND FURNISH LABOR AND MATERIALS FOR THE COMPLETE MODIFICATION OF AN AUTOMATIC WET PIPE FIRE EXTINGUISHING SPRINKLER SYSTEM WITH THE ATTENDANT ACCESSORIES FOR THE ENTIRE AREA.
- STUDY THE GENERAL, STRUCTURAL, ELECTRICAL, AND MECHANICAL DRAWINGS AND SPECIFIC NOTES IN ORDER TO REQUIRE FAMILIARITY WITH THE BUILDING AND UTILITIES AS THEY APPLY TO THE WORK OF THIS SECTION. COOPERATE WITH OTHERS SO THAT THERE WILL BE NO CONFLICT OF SPACE REQUIRED. DUCTWORK AND ELECTRICAL WORK SHALL TAKE PRECEDENCE OVER OTHER WORK, EXCEPT WHERE IT IS ABSOLUTELY NECESSARY TO MAINTAIN CORROSION PROTECTION.
- THE INSTALLATION OF THE ENTIRE SPRINKLER SYSTEM SHALL COMPLY WITH ALL RULES AND REGULATIONS OF THE NATIONAL BOARD OF FIRE UNDERWRITERS, THE GOVERNING BUILDING CODE, REQUIREMENTS OF NFPA PARAPHLET 13, AND OTHER LOCAL AUTHORITY'S EXERCISING JURISDICTION.
- IT SHALL BE THE FIRE PROTECTION INSTALLER'S RESPONSIBILITY, PRIOR TO BID, TO VERIFY PRESSURE AT THE PROJECT SITE BY PERFORMING A LOW TEST DETERMINE IF THE AVAILABLE STATIC AND RESIDUAL PRESSURE WILL ADEQUATELY PROVIDE THE FINEST SPRINKLER OPERATION TO THE POINT OF RISE OR IF A "FAIR" BREAK TANK AND NECESSARY APPURTENANCES ARE REQUIRED.
- SCHEDULE 40 BLACK STEEL PIPE IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA SHALL BE USED FOR THE ENTIRE SYSTEM. ALL PIPING SHALL BE WELDED TO THE WELDED SCHEDULE 40 BLACK STEEL PIPE. SWEAT FITTINGS, VICRUALC GROVED FITTINGS MAY BE USED ABOVE GRADE IN ACCESSIBLE LOCATIONS ONLY.
- DESIGN DRAWINGS MUST BE SUBMITTED TO THE LOCAL FIRE DEPARTMENT JURISDICTION FOR REVIEW AND APPROVAL. EVIDENCE OF SUCH REVIEW AND APPROVAL SHALL BE SUBMITTED TO THE LANDOWNER'S REPRESENTATIVE PRIOR TO SYSTEM INSTALLATION.
- VERIFY THE LANDOWNER'S REPRESENTATIVE AT LEAST 24 HOURS PRIOR TO ANY FIRE SPRINKLER WORK. CONTRACTOR WILL BEAR ANY CHARGES ASSOCIATED WITH FALSE ALARMS. THE SYSTEM MUST BE RECHARGED AND OPERATIONAL AT THE END OF THE WORK DAY.

PIPE MATERIAL LIST

DOMESTIC WATER PIPING
ABOVE GRADE INSIDE THE BUILDING SHALL BE STAINLESS ASTM B 88 TYPE 1 COPPER WATER TUBE WITH WROUGHT COPPER FITTINGS. ANSI B16.22. SOLDER MATERIAL SHALL BE 95.5% LEAD FREE. ASTM B 32. THE USE OF "DILLED-T" CONNECTIONS IS NOT PERMITTED.

CONDENSATE AND INDIRECT DRAIN PIPING SHALL BE:
TYPE M COPPER TUBING: UP TO 1" ID, TYPE DW TUBING AND COPPER FITTINGS FOR 1-1/4" AND LARGER SIZES, AND 95-9 SOLDER JOINTS.

SEMI-RY SOIL WASTING AND GREASE WASTE PIPING SHALL BE:
ABOVE GRADE INSIDE BUILDING SHALL BE NO-HUB CAST IRON SYSTEM CONFORMING TO CSPI STANDARD NO. 301-75. NEOPRENE GASKETS SHALL CONFORM TO ASTM STANDARD D584-75.

BELOW GRADE SHALL BE SCHEDULE 40 DWV POLYVINYL CHLORIDE PIPE AND FITTINGS CONFORMING TO ASTM D-1784-82 WITH SOLVENT WELDED JOINTS.

NEUTRAL GAS PIPING SHALL BE:

ABOVE GRADE SHALL BE SCHEDULE 40 BLACK STEEL, STAINLESS, OR ELECTRIC RESISTANCE HEAVY WALL ERW. BELOW GRADE SHALL BE SCHEDULE 40 BLACK STEEL, STAINLESS, OR ELECTRIC RESISTANCE HEAVY WALL ERW. ALL PIPE SHALL BE WELDED TO THE WELDED SCHEDULE 40 BLACK STEEL PIPE WITH WALLETT. FROM 150 PSI CLASS FITTINGS ANSI B16.5, BANNED ARE TESTED, AND SCREWED JOINTS. ALL GAS PIPING AND FITTINGS OUTDOORS SHALL BE PAINTED WITH TWO COATS OF BRUSHED ON RUST PREVENTATIVE SILVER PAINT. ONE COAT OF RUST PREVENTATIVE PRIMER SHALL BE APPLIED TO THE PIPE IMMEDIATELY AFTER INSTALLATION.

PLUMBING FIXTURE SPECIFICATION

TYPE: DESCRIPTION:	TYPE: DESCRIPTION:
SK-1 - KITCHEN WALL HUNG HAND SINK SINK. SK-2 - COMPARTMENT SINK AND FAUCET SET FURNISHED BY KITCHEN SUPPLIER.	SKS-1 - WOP SINK. SKS-1 - WOP SINK, 1/2" UNFED SOURCE, HOP SINK UNIT 24" X 24" X 17" UNDER RECEPTOR WITH 6" DROP FRONT COMPOSED OF PRECAST TERRAZZO WITH STAINLESS STEEL CAP ON ALL SLOTTEDERS. PROVIDE FAUCET WITH INTEGRAL STOPS, 4 ARM HANDLES, PULL HOOK, TOP BRACE WITH WALL FLANGE, VACUUM BREAKER, ROUND CHROME PLATED.
SK-2 - BAR WALL HUNG HAND SINK SINK. SK-2 - BAR WALL HUNG HAND SINK AND FAUCET SET FURNISHED BY KITCHEN SUPPLIER.	SK-1 - REE MACHINE CONNECTION, WATER SUPPLY VALVED AT WALL. PROVIDE DOUBLE CHECK VALVE TYPE BACKFLOW PREVENTER AND WATER FILTER WATS 1/2" OR 3/4" BACKFLOW PREVENTER AND DISCHARGE TO FLOOR SINK. SERVICE TO FLOOR SINK. PROVIDE 3/4" COLD WATER. COORDINATE ROUGH-IN LOCATION/HEIGHT AND FINAL CONNECTION WITH ARCHITECTURAL DRAWINGS.
ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN:	ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN:

TYPE: DESCRIPTION:	TYPE: DESCRIPTION:
SK-3 - KITCHEN SINK SINK. SK-3 - KITCHEN SINK, INTERIOR, TO PRE-FABRICATED STAINLESS STEEL TRAY. TOP FURNISHED BY KITCHEN SUPPLIER.	ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN:
ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN:	ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN:

TYPE: DESCRIPTION:	TYPE: DESCRIPTION:
SK-4 - TWO COMPARTMENT SINK SK-4 - TWO COMPARTMENT SINK AND FAUCET SET FURNISHED BY KITCHEN SUPPLIER.	ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN:
ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN:	ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN:

TYPE: DESCRIPTION:	TYPE: DESCRIPTION:
SK-5 - THREE COMPARTMENT SINK SK-5 - THREE COMPARTMENT SINK AND FAUCET SET FURNISHED BY KITCHEN SUPPLIER.	ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN:
ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN:	ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN:

TYPE: DESCRIPTION:	TYPE: DESCRIPTION:
SK-6 - THREE COMPARTMENT BAR SINK SK-6 - THREE COMPARTMENT BAR SINK AND FAUCET SET FURNISHED BY KITCHEN SUPPLIER.	ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN:
ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN:	ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN: ROUGH-IN:

TYPE: DESCRIPTION:	TYPE: DESCRIPTION:
WC-1 (FLAS. COMPLIANT FOR ADULTS) WC-1 (FLAS. COMPLIANT FOR ADULTS), FLOOR MOUNTED, FLUSH TANK WHITE VITREOUS CHINA, 1.28 GALLON PER FLUSH ELONGATED CLOSOT BOWL WITH 12" ROUGH-IN.	WC-2 (FLAS. COMPLIANT FOR ADULTS) WC-2 (FLAS. COMPLIANT FOR ADULTS), FLOOR MOUNTED, FLUSH TANK WHITE VITREOUS CHINA, 1.28 GALLON PER FLUSH ELONGATED CLOSOT BOWL WITH 12" ROUGH-IN.
WC-2 (FLAS. COMPLIANT FOR ADULTS) WC-2 (FLAS. COMPLIANT FOR ADULTS), FLOOR MOUNTED, FLUSH TANK WHITE VITREOUS CHINA, 1.28 GALLON PER FLUSH ELONGATED CLOSOT BOWL WITH 12" ROUGH-IN.	WC-3 (FLAS. COMPLIANT FOR ADULTS) WC-3 (FLAS. COMPLIANT FOR ADULTS), FLOOR MOUNTED, FLUSH TANK WHITE VITREOUS CHINA, 1.28 GALLON PER FLUSH ELONGATED CLOSOT BOWL WITH 12" ROUGH-IN.

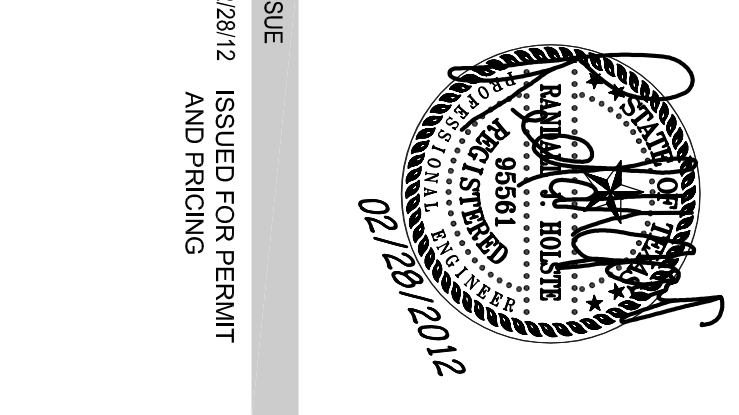
TYPE: DESCRIPTION:	TYPE: DESCRIPTION:
WC-4 (FLAS. COMPLIANT FOR ADULTS) WC-4 (FLAS. COMPLIANT FOR ADULTS), FLOOR MOUNTED, FLUSH TANK WHITE VITREOUS CHINA, 1.28 GALLON PER FLUSH ELONGATED CLOSOT BOWL WITH 12" ROUGH-IN.	WC-5 (FLAS. COMPLIANT FOR ADULTS) WC-5 (FLAS. COMPLIANT FOR ADULTS), FLOOR MOUNTED, FLUSH TANK WHITE VITREOUS CHINA, 1.28 GALLON PER FLUSH ELONGATED CLOSOT BOWL WITH 12" ROUGH-IN.
WC-5 (FLAS. COMPLIANT FOR ADULTS) WC-5 (FLAS. COMPLIANT FOR ADULTS), FLOOR MOUNTED, FLUSH TANK WHITE VITREOUS CHINA, 1.28 GALLON PER FLUSH ELONGATED CLOSOT BOWL WITH 12" ROUGH-IN.	WC-6 (FLAS. COMPLIANT FOR ADULTS) WC-6 (FLAS. COMPLIANT FOR ADULTS), FLOOR MOUNTED, FLUSH TANK WHITE VITREOUS CHINA, 1.28 GALLON PER FLUSH ELONGATED CLOSOT BOWL WITH 12" ROUGH-IN.

TYPE: DESCRIPTION:	TYPE: DESCRIPTION:
WC-7 (FLAS. COMPLIANT FOR ADULTS) WC-7 (FLAS. COMPLIANT FOR ADULTS), FLOOR MOUNTED, FLUSH TANK WHITE VITREOUS CHINA, 1.28 GALLON PER FLUSH ELONGATED CLOSOT BOWL WITH 12" ROUGH-IN.	WC-8 (FLAS. COMPLIANT FOR ADULTS) WC-8 (FLAS. COMPLIANT FOR ADULTS), FLOOR MOUNTED, FLUSH TANK WHITE VITREOUS CHINA, 1.28 GALLON PER FLUSH ELONGATED CLOSOT BOWL WITH 12" ROUGH-IN.
WC-8 (FLAS. COMPLIANT FOR ADULTS) WC-8 (FLAS. COMPLIANT FOR ADULTS), FLOOR MOUNTED, FLUSH TANK WHITE VITREOUS CHINA, 1.28 GALLON PER FLUSH ELONGATED CLOSOT BOWL WITH 12" ROUGH-IN.	WC-9 (FLAS. COMPLIANT FOR ADULTS) WC-9 (FLAS. COMPLIANT FOR ADULTS), FLOOR MOUNTED, FLUSH TANK WHITE VITREOUS CHINA, 1.28 GALLON PER FLUSH ELONGATED CLOSOT BOWL WITH 12" ROUGH-IN.

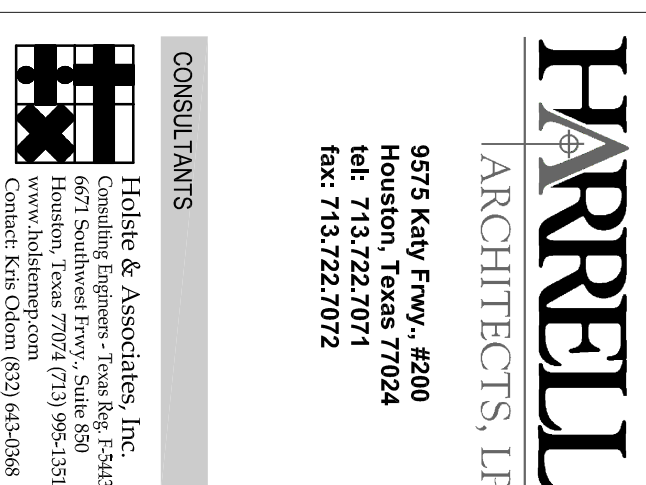
TYPE: DESCRIPTION:	TYPE: DESCRIPTION:
WC-10 (FLAS. COMPLIANT FOR ADULTS) WC-10 (FLAS. COMPLIANT FOR ADULTS), FLOOR MOUNTED, FLUSH TANK WHITE VITREOUS CHINA, 1.28 GALLON PER FLUSH ELONGATED CLOSOT BOWL WITH 12" ROUGH-IN.	WC-11 (FLAS. COMPLIANT FOR ADULTS) WC-11 (FLAS. COMPLIANT FOR ADULTS), FLOOR MOUNTED, FLUSH TANK WHITE VITREOUS CHINA, 1.28 GALLON PER FLUSH ELONGATED CLOSOT BOWL WITH 12" ROUGH-IN.
WC-11 (FLAS. COMPLIANT FOR ADULTS) WC-11 (FLAS. COMPLIANT FOR ADULTS), FLOOR MOUNTED, FLUSH TANK WHITE VITREOUS CHINA, 1.28 GALLON PER FLUSH ELONGATED CLOSOT BOWL WITH 12" ROUGH-IN.	WC-12 (FLAS. COMPLIANT FOR ADULTS) WC-12 (FLAS. COMPLIANT FOR ADULTS), FLOOR MOUNTED, FLUSH TANK WHITE VITREOUS CHINA, 1.28 GALLON PER FLUSH ELONGATED CLOSOT BOWL WITH 12" ROUGH-IN.

TYPE: DESCRIPTION:	TYPE: DESCRIPTION:
WC-13 (FLAS. COMPLIANT FOR ADULTS) WC-13 (FLAS. COMPLIANT FOR ADULTS), FLOOR MOUNTED, FLUSH TANK WHITE VITREOUS CHINA, 1.28 GALLON PER FLUSH ELONGATED CLOSOT BOWL WITH 12" ROUGH-IN.	WC-14 (FLAS. COMPLIANT FOR ADULTS) WC-14 (FLAS. COMPLIANT FOR ADULTS), FLOOR MOUNTED, FLUSH TANK WHITE VITREOUS CHINA, 1.28 GALLON PER FLUSH ELONGATED CLOSOT BOWL WITH 12" ROUGH-IN.
WC-14 (FLAS. COMPLIANT FOR ADULTS) WC-14 (FLAS. COMPLIANT FOR ADULTS), FLOOR MOUNTED, FLUSH TANK WHITE VITREOUS CHINA, 1.28 GALLON PER FLUSH ELONGATED CLOSOT BOWL WITH 12" ROUGH-IN.	WC-15 (FLAS. COMPLIANT FOR ADULTS) WC-15 (FLAS. COMPLIANT FOR ADULTS), FLOOR MOUNTED, FLUSH TANK WHITE VITREOUS CHINA, 1.28 GALLON PER FLUSH ELONGATED CLOSOT BOWL WITH 12" ROUGH-IN.

TYPE: DESCRIPTION:	TYPE: DESCRIPTION:
WC-16 (FLAS. COMPLIANT FOR ADULTS) WC-16 (FLAS. COMPLIANT FOR ADULTS), FLOOR MOUNTED, FLUSH TANK WHITE VITREOUS CHINA, 1.28 GALLON PER FLUSH ELONGATED CLOSOT BOWL WITH 12" ROUGH-IN.	WC-17 (FLAS. COMPLIANT FOR ADULTS) WC-17 (FLAS. COMPLIANT FOR ADULTS), FLOOR MOUNTED, FLUSH TANK WHITE VITREOUS CHINA, 1.28 GALLON PER FLUSH ELONGATED CLOSOT BOWL WITH 12" ROUGH-IN.
WC-17 (FLAS. COMPLIANT FOR ADULTS) WC-17 (FLAS. COMPLIANT FOR ADULTS), FLOOR MOUNTED, FLUSH TANK WHITE VITREOUS CHINA, 1.28 GALLON PER FLUSH ELONGATED CLOSOT BOWL WITH 12" ROUGH-IN.	WC-18 (FLAS. COMPLIANT FOR ADULTS) WC-18 (FLAS. COMPLIANT FOR ADULTS), FLOOR MOUNTED, FLUSH TANK WHITE VITREOUS CHINA, 1.28 GALLON PER FLUSH ELONGATED CLOSOT BOWL WITH 12" ROUGH-IN.



ISSUE
02/28/12
ISSUED FOR PERMIT
AND PRICING



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SHEET NAME
PLUMBING SCHEDULES

SHEET NUMBER
P4.1