PLUMBING SCOPE Qο SPECIFICAT

PLUMBING

FIXTURE

SPECIFICATION

16/12

ISSUE

02/16/12 ISSUE FOR BID

ISSUED FOR PERMIT

WORK OF THIS SECTION SHALL INCLUDE, BUT NOT

A DOMESTIC HOT AND COLD WATER DISTRIBUTION SYSTEM TO SERVE ALL FIXTURES. AND EQUIPMENT.

SANITARY SOIL WASTE AND VENT AND GREASE WASTE AND VENT SYSTEMS TO SERVE ALL FIXTURES AND EQUIPMENT.

CONNECT TO EXISTING COLD WATER, SANITARY, AND GREASE WASTE MAINS.

A NATURAL GAS DISTRIBUTION SYSTEM TO SERVE ALL GAS-FUELED EQUIPMENT.

COORDINATE WITH THE LOCAL NATURAL GAS UTILITY PROVIDER TO ESTABLISH A NEW GAS SERVICE COMPLETE WITH METER AND REGULATOR SET.

GUARANTEE LABOR AND MATERIALS FOR ONE YEAR. DRAWINGS ARE DIAGRAMMATIC; CONFIRM DIMENSIONS AND LOCATIONS IN THE FIELD, ADVISE OF MAJOR DISCREPANCIES.

ADHERE TO APPLICABLE LOCAL CODES AND REGULATIONS, WHICH INCLUDE BUT ARE NOT LIMITED TO CITY OF SUGAR LAND (2003 INTERNATIONAL PLUMBING CODE, WITH AMENDMENTS).

NOTES:

1. PROVIDE FLUE EXHAUST IN ACCORDANCE AND LOCAL CODE REQUIREMENTS.

CONTRACTOR SHALL OBTAIN REQUIRED PERMITS AND PAY ALL FEES PRODUCE RECORD DRAWINGS.

VALVES

VALVES SHALL BE MANUFACTURED BY NIBCO, HAMMOND, POWELL, STOCKHAM, WATTS OR EQUIVALENT APPROVED BY THE ENGINEER. GATE VALVES SHALL CONFORM TO MSS-SP-80 FOR BRONZE AND MSS-SP-70 FOR IRON VALVES $2^{\prime\prime}$ AND SMALLER SHALL BE NIBCO T-113 OR S-113 OR APPROVED EQUIVALENT

BALL VALVES SHALL HAVE CAST BRONZE BODY, BLOWOUT PROOF STEMS, FULL SIZE PORT, 316 STAINLESS STEEL TRIM, TEFLON SEAT AND SEAL AND THRUST WASHERS. VALVES 2" AND SMALLER SHALL BE NIBCO T-585-70-66 OR APPROVED EQUIVALENT.

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

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

BACKFILL LAY OUT ALIGNMENT OF PIPE TRENCHES TO AVOID OBSTRUCTIONS. PROVIDE ASSURANCE THAT PROPOSED ROUTE OF PIPE WILL NOT INTERFERE WITH BUILDING FOUNDATION BEFC ANY CUTTING IS BEGUN. SHOULD INTERFERENCE BE FOUND, CONTACT THE ARCHITECT/ENGINEER BEFORE PROCEEDING.

PLUMBING PIPING HANGER SPACING

PLACE BACKFILL MATERIAL IN UNIFORM LAYERS, 8" MAXIMUM LOOSE MEASURE. COMPACT TO NOT LESS THAN 95% OF MAXIMUM SOIL DENSITY AS DETERMINED BY ASTM D698 STANDARD PROCTOR.

BACKFILL SHALL NOT BE PLACED UNTIL THE WORK HAS BEEN INSPECTED, TESTED AND APPROVED. USE SUITABLE FRIABLE SOILS AS BACKFILL MATERIAL. DO NOT USE PEAT, SILT, MUCK, DEBRIS OR OTHER ORGANIC MATERIALS. DEPOSIT BACKFILL IN UNIFORM LAYERS.

CLEANING, TESTING AND ADJUSTING MAXIMUM SPACING SHALL BE 10 FOOT.

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

IMCOLOCK 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 MITER JOINTS SHALL BE CLOSED USING IMCOA'S FUSE SEAL JOINING SYSTEM OR FACTORY APPROVED CONTACT ADHESIVE. IMCOLOCK PIPE INSULATION SHALL BE INSTALLED ACCORDING TO THE PROCEDURES OUTLINED BY THE MANUFACTURER. ALL COLD WATER PIPING, FITTINGS AND VALVES SHALL BE INSULATED WITH NOMINAL 1/2 WALL THICKNESS IMCOLOCK PIPE INSULATION, OR AN APPROVED EQUAL HAVING FLAME SPREAD RATING OF 25 OR LESS AND A SMOKE DENSITY OF 50 OR LESS WHEN TESTED ASTM E-84 METHOD. ₽

FITTING COVER INSULATION SHALL BE FABRICATED AND INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDED PROCEDURES. SWEAT FITTINGS SHALL BE INSULATED WITH MITER CUT PIECES OF IMCOLOCK PIPE INSULATION THE SAME SIZE AS ON ADJACENT PIPING. THREADED FITTINGS SHALL BE INSULATED WITH SLEEVED FITTING COVERS FABRICATED FROM MITER CUT PIECES OF IMCOLOCK PIPE INSULATION ACCORDING TO THE MANUFACTURER'S SLEEVING SIZE RECOMMENDATIONS AND SHALL BE OVERLAPPED 2" AND SEALED TO THE ADJACENT PIPE INSULATION. ALL VALVES SHALL BE INSULATED WITH CUT PIECES OF IMCOLOCK PIPE INSULATIONS. ALL JOINTS AND MITER CUT PIECES ARE TO BE SEALED USING IMCOA'S FUSE SEAL JOINING SYSTEM OR FACTORY APPROVED CONTACT ADHESIVE.

SUPPORTING HANGERS SHALL BE DESIGNED TO RESIST COMPRESSION; SUPPORTING DEVICES SUCH AS SHORT WOOD DOWELS OR WOOD BLOCKS SHALL BE USED IN COMBINATION WITH GALVANIZED SHEET METAL HANGER SHIELDS. THE WOOD SUPPORTING DEVICES SHALL BE 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 THE SPECIFICATIONS AND WITH MANUFACTURER'S INSTRUCTIONS.

NO.

INLET HOT WATER TEMP (°F)

OUTLET MIXED WATER TEMP (*F)

MINIMUM FLOW (GPM)

DESIGN FLOW (GPM)

PRESSURE DROP © DESIGN FLOW (PSI)

VALVE

MANUFACTURER . MODEL NO.

SYMMONS THERMIXER 5-120

THERMOSTATIC

MIXING

VAL

VES

1. MAKE WATER CONNECTIONS TO THERMOSTATIC MIXING VALVE(S) IN MANUFACTURER'S RECOMMENDATIONS.

ACCORDANCE WITH TH

AND/OR VALVES

AS REQUIRED

1"	17-3/8"	155-330	F
1"	15-3/8"	114-154	E
1 2	12-3/8"	61-113	D
	14-11/18"	33–60	C
3/4"	11-3/4"	12-32	B
1/2"	9-5/8"	1-11	Α
SWEAT CONNECTION	CHAMBER LENGTH	FIXTURE UNITS	P.D.I. SYMBOL
	ARRESTORS	SHOCK	

PIPE **MATERIAL LIS**

4

TYPE: SERVICE: DESCRIPTION:

DOMESTIC WATER PIPING

ABOVE SLAB INSIDE THE BUILDING SHALL BE SEAMLESS ASTM B 88 TYPE L COPPER WATER TUBE WITH WROUGHT COPPER FITTINGS, ANSI B16.22. SOLDER MATERIAL SHALL BE 95.5% LEAD FREE, ASTM B 32. THE USE OF DRILLED-T CONNECTIONS IS NOT PERMITTED.

ROUGH-IN:

SK-2 - KITCHEN PRE-RINSE SINK
SINGLE COMPARTMENT SINK, INTEGRAL TO PRE-FABRICATED
STAINLESS STEEL DISHWASH TABLE TOP, FURNISHED BY OWNER
AND INSTALLED BY ARCHITECTURAL DIVISION. PRE-RINSE FAUCET
ALSO FURNISHED BY OWNER. ROUGH-INS, FAUCET INSTALLATION,
AND FINAL CONNECTIONS BY PLUMBING CONTRACTOR. PLUMBING
CONTRACTOR TO PROVIDE STRAINER, INDIRECT WASTE PIPING,
ESCUTCHEONS AT WALL, SUPPLIES AND STOPS, ETC. AS REQUIRED
IN ORDER TO PROPERLY INSTALL FIXTURE.
3/4" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS
FOR HEIGHT REQUIREMENTS. CONFIRM ALL DIMENSIONAL
REQUIREMENTS IN ADVANCE WITH ARCHITECT/OWNER.

CONDENSATE AND INDIRECT DRAIN PIPING SHALL BE

TYPE M COPPER TUBING UP TO 1" ID, TYPE DWV TUBING AND COPPER FITTINGS FOR 1-1/4" AND LARGER SIZES, AND 95-5 SOLDER JOINTS.

Sanitary soil waste and vent and grease waste piping shall be

SUPPLIER.
ROUGH-INS, FAUCET INSTALLATION, AND FINAL CONNECTIONS BY ROUGH-INS, FAUCET INSTALLATION, AND FINAL CONNECTIONS BY PLUMBING CONTRACTOR. PLUMBING CONTRACTOR TO PROVIDE STRAINER, INDIRECT WASTE PIPING, ESCUTCHEONS AT WALL, SUPPLIES AND STOPS, ETC. AS REQUIRED IN ORDER TO PROPERLY INSTALL FIXTURE.
3/4" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS. CONFIRM ALL DIMENSIONAL REQUIREMENTS IN ADVANCE WITH ARCHITECT/OWNER.

HARREL

THITECTS, LP

9575 Katy Frwy., #200 Houston, Texas 77024 tel: 713.722.7071 fax: 713.722.7072

ROUGH-IN:

TRAP SEAL:

FS-1
KITCHEN INDIRECT WASTE
KITCHEN SINK, BOTTOM OUTLET CAST IRON BODY, 12" SQUARE
FLOOR SINK, BOTTOM OUTLET CAST IRON BODY, 12" SQUARE
NICKEL BRONZE FULL GRATE AND RIM, ANCHOR FLANGE, 8" DEEP
SUMP WITH A.R.E. INTERIOR, ALUMINUM DOME BOTTOM STRAINER.
PROVIDE CLAMPING DEVICE FOR DRAINS IN MEMBRANE FLOOR
AREAS. MIFAB FS1730-FL-1.
PROVIDE PRO-SET SYSTEMS, INC. TRAP GUARD FACTORY FITTED TO
MATCH EACH FLOOR SINK BY SIZE, MODEL, AND MANUFACTURER.
REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION
WITH ARCHITECTURAL DRAWINGS AND EQUIPMENT PLACEMENT.
FIELD CUT GRATES PER OWNER'S INSTRUCTIONS IN ORDER TO
PROPERLY SERVE EQUIPMENT.

SK-3 - THREE COMPARTMENT SINK
THREE COMPARTMENT SINK AND FAUCET SET FURNISHED BY KITCHEN
SUPPLIER.

ABOVE SLAB INSIDE BUILDING SHALL BE NO-HUB CAST IRON SYSTEM CONFORMING TO CISPI STANDARD NO. 301-75. NEOPRENE GASKETS SHALL CONFORM TO ASTM STANDARD C564-75.

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

ABOVE GRADE SHALL BE SCHEDULE 40 BLACK STEEL, SEAMLESS, OR ELECTRIC RESISTANCE WELDED, ASTM A-53 WITH WELDED JOINTS AND STEEL FITTINGS OF THE SAME THICKNESS AS PIPE. PIPING 2 INCHES AND SMALLER MAY BE SCHEDULE 40 BLACK STEEL PIPE WITH MALLEABLE IRON 150 PSI CLASS FITTINGS ANSI B16.3, BANDED AIR 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.

	- <u>3</u> - <u>3</u> -	1" 1"	SWEAT CONNECTION 1/2"			TIONS	WATER HEATER	NORITZ NC-380 OUTDOOR, WALL- HANGING, POWER VENTED TANKLESS	NORITZ NC-380 OUTDOOR, WALL- HANGING, POWER VENTED TANKLESS WATER HEATER	MANUFACTURER COMMENT
	ı							Г		
TYPE: DESCRIPTION:	ROUGH-IN:	TYPE: DESCRIPTION:	ROUGH-IN:	SUPPLIES:	STRAINER:	FAUCET:	TYPE: DESCRIPTION:	SUPPLIES: ROUGH-IN:	SEAT:	TYPE: DESCRIPTION:
SK-2 - KITCHEN PRE-RINSE SINK SINGLE COMPARTMENT SINK, INTEGRAL TO PRE-FABRICATED STAINLESS STEEL DISHWASH TABLE TOP, FURNISHED BY OWNER	PLUMBING CONTRACTOR. PLUMBING CONTRACTOR TO PROVIDE STRAINER, WASTE PIPING, ESCUTCHEONS AT WALL, SUPPLIES AND STOPS, ETC. AS REQUIRED IN ORDER TO PROPERLY INSTALL FIXTURE. 2" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS. CONFIRM ALL DIMENSIONAL REQUIREMENTS IN ADVANCE WITH ARCHITECT/OWNER.	SK-1 - KITCHEN WALL HUNG HAND SINK SINGLE COMPARTMENT SINK AND FAUCET SET FURNISHED BY KITCHEN SUPPLIER. ROUGH-INS, FAUCET INSTALLATION, AND FINAL CONNECTIONS BY	WITH ESCUTCHEONS AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK. 2" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.	1-174 17 GAUGE CHROME PLAIED HEAVY CASI BRASS IRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE 8872. 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVES	AERATOR. CHICAGO MODEL 2200-4-E12VPJKCP. CHROME PLATED BRASS GRID STRAINER WITH 1-1/4" 17 GAUGE TAILPIECE WITH LOCK NUT. MCGUIRE 155A.	FAUCET HOLES ON 4" CENTERS. AMERICAN STANDARD "LUCERNE" 0356.015. CHROME PLATED BRASS DECK MOUNTED SINGLE LEVER LAVATORY FITTING WITH 4-3/4" SPOUT, 4" CENTERS COVER PLATE, CFRAMIC MIXING CARTRIDGE VANDAL RESISTANT 2.2 GPM	L-1 - TOILET ROOMS (T.A.S. COMPLIANT FOR ADULTS) LAVATORY, WALL MOUNTED WHITE VITREOUS CHINA NOMINAL 20" X 18" ROWL WITH FRONT OVERFLOW	SLOAN ROYAL 111-1.28 GPF FLUSH VALVE. 4" WASTE, 2" VENT, 1" COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.	FLUSH VALVE WITH LEVER LOCATED ON LEFT OR ON RIGHT SIDE FLUSH VALVE WITH LEVER LOCATED ON LEFT OR ON RIGHT SIDE IN ORDER TO MEET T.A.S. REQUIREMENT THAT FLUSH CONTROLS BE MOUNTED ON THE WIDE SIDE OF THE TOILET AREA. AMERICAN STANDARD MADERA ELONGATED TOILET 3461.001 ELONGATED OPEN FRONT WHITE PLASTIC SEAT WITH SELF-SUSTAINING CHECK HINGES. CHURCH 9500SSC.	WC-1 (T.A.S. COMPLIANT FOR ADULTS) WATER CLOSET, FLOOR MOUNTED 10" ROUGH-IN, WHITE VITREOUS CHINA, 1.28 GALLON PER FLUSH SIPHON JET ACTION, ONE-PIECE
NOOGI TIIN.	TRAP SEAL:	TYPE: SERVICE: DESCRIPTION:	ROUGH-IN:	TRAP SEAL:	SERVICE: DESCRIPTION:	ROUGH-IN:		TYPE: DESCRIPTION:	ROUGH-IN:	TYPE: DESCRIPTION:
	SUMP WITH A.R.E. INTERIOR, SEDIMENT BUCKET. PROVIDE CLAMPING DEVICE FOR DRAINS IN MEMBRANE FLOOR AREAS. MIFAB FS1750-FL-1-5. PROVIDE PRO-SET SYSTEMS, INC. TRAP GUARD FACTORY FITTED TO MATCH EACH FLOOR DRAIN BY SIZE, MODEL, AND MANUFACTURER. REFER TO FLOOR DIANS FOR SIZES COORDINATE FINAL LOCATION	FD-2 KITCHEN AREA CLEANUP FLOOR DRAIN, BOTTOM OUTLET CAST IRON BODY, 8" DIAMETER NICKEL BRONZE STRAINER AND RIM, ANCHOR FLANGE, 6" DEEP	MANUFACTURER. REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION AND INSTALLATION WITH ARCHITECTURAL DRAWINGS / FLOOR CONSTRUCTION.	SCREWS. PROVIDE CLAMPING DEVICE FOR DRAINS IN MEMBRANE FLOOR AREAS. MI-FAB F1100-1-6. PROVIDE PRO-SET SYSTEMS, INC. TRAP GUARD FACTORY FITTED TO MATCH EACH FLOOR DRAIN BY SIZE, MODEL, AND	TOILET ROOMS FLOOR DRAIN, BOTTOM OUTLET CAST IRON BODY, ADJUSTABLE 6" DIAMETER NICKEL BRONZE STRAINER WITH VANDAL PROOF	3/4" COLD WATER. COORDINATE ROUGH-IN LOCATION/HEIGHT AND FINAL CONNECTION WITH EQUIPMENT BEING INSTALLED AND WITH ARCHITECTURAL DRAWINGS.	AND WATER FILTER. WATTS 1/2" 007-S BACKFLOW PREVENTER AND AQUA-PURE AP510 FILTER. ROUTE BACKFLOW PREVENTER DISCHARGE TO FLOOR SINK SERVING ICE MACHINE.	IMC-1 ICE MACHINE CONNECTION, WATER SUPPLY VALVED AT WALL. PROVIDE DOUBLE CHECK VALVE TYPE BACKELOW PREVENTER	PLUMBING CONTRACTOR. PLUMBING CONTRACTOR TO PROVIDE STRAINER, WASTE PIPING, ESCUTCHEONS AT WALL, SUPPLIES AND STOPS, ETC. AS REQUIRED IN ORDER TO PROPERLY INSTALL FIXTURE. 2" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS. CONFIRM ALL DIMENSIONAL REQUIREMENTS IN ADVANCE WITH ARCHITECT/OWNER.	SK-5 - KITCHEN COUNTER MOUNTED HAND SINK SINGLE COMPARTMENT SINK AND FAUCET SET FURNISHED BY KITCHEN SUPPLIER.

COURT O PROVIDE STRAINER, MLL, SUPPLIES AND STOPS, INSTALL FIXTURE. MENSIONAL PROVINGS ALL LAWATORIES AND SINKS SHALL BE SUPPLIED WITH HOT AND COLD WATER TO FAUCETS AS INDICATED ON PLANS AND FIXTURE SUPPLIED WITH HOT AND COLD WATER TO FAUCETS AS INDICATED ON PLANS AND FIXTURE SUPPLIED WITH HOT AND COLD WATER TO FAUCETS AS INDICATED ON PLANS AND FIXTURE SUPPLIED WITH HOT AND COLD WATER TO FAUCETS AS INDICATED ON PLANS AND FIXTURE SUPPLIED WITH HOT AND COLD WATER TO FAUCETS AS INDICATED ON PLANS AND FIXTURE SUPPLIED WITH HOT AND COLD WATER TO FAUCETS AS INDICATED ON PLANS AND FIXTURE SUPPLIED WITH HOT AND COLD WATER TO FAUCETS AS INDICATED ON PLANS AND FIXTURE SUPPLIED WITH HOT AND COLD WATER TO FAUCETS AS INDICATED ON PLANS AND FIXTURE SUPPLIED WITH HOT AND COLD WATER TO FAUCETS AS INDICATED ON PLANS AND FIXTURE SUPPLIED WITH HOT AND COLD WATER TO FAUCETS AS INDICATED ON PLANS AND FIXTURE SUPPLIED WITH HOT AND COLD WATER TO FAUCET SAIL SUPPLIED WITH HOT AND COLD WATER TO FAUCETS AS INDICATED ON PLANS AND FIXTURE SUCCITIONS BY AND SINKS REQUIRED TO PROPERLY CONNECT FIXED WITH HOT AND SINKS REQUIRED TO PROPERLY CONNECT FIXED WITH HOT AND SINKS REQUIRED TO PROPERLY CONNECT FIXED WITH HOT AND SINKS REQUIRED TO PROPERLY CONNECT FIXED WITH HOT AND COLD WATER SUCCITIONS BY AND SINKS REQUIRED TO PROPERLY CONNECT FIXED WITH HOT AND SINKS REQUIRED TO PROPERLY CONNECT FIXED WITH HOT AND SINKS REQUIRED TO PROPERLY CONNECT FIXED WITH HOT AND SINKS REQUIRED TO PROPERLY CONNECT FIXED WITH HOT AND SINKS REQUIRED TO PROPERLY CONNECT FIXED WITH HOT AND SINKS REQUIRED TO PROPERLY CONNECT FIXED WITH HOT AND SINKS REQUIRED TO PROPERLY CONNECT FIXED WITH HOT AND SINKS REQUIRED TO PROPERLY CONNECT FIXED WITH HOT AND SINKS REQUIRED TO PROPERLY CONNECT FIXED WITH HOT AND SINKS REQUIRED TO PROPERLY CONNECT FIXED WITH HOT AND SINKS REQUIRED TO PROPERLY CONNECT FIXED WITH HOT AND SINKS REQUIRED TO PROPERLY CONNECT FIXED	MS-1 - MOP SINK MOP SINK AND FAUCET SET FURNISHED BY KITCHEN SUPPLIER. ROUGH-INS, FAUCET INSTALLATION, AND FINAL CONNECTIONS BY PLUMBING CONTRACTOR. PLUMBING CONTRACTOR TO PROVIDE STRAINER, WASTE PIPING, ESCUTCHEONS AT WALL, SUPPLIES AND STOPS, ETC. AS REQUIRED IN ORDER TO PROPERLY INSTALL FIXTURE. 3" WASTE, 2" VENT, 3/4" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS. CONFIRM ALL DIMENSIONAL REQUIREMENTS IN ADVANCE WITH ARCHITECT/OWNER.	SK-4 - BAR HAND SINK N: SINGLE COMPARTMENT SINK AND FAUCET SET FURNISHED BY KITCHEN SUPPLIER. ROUGH-INS, FAUCET INSTALLATION, AND FINAL CONNECTIONS BY PLUMBING CONTRACTOR. PLUMBING CONTRACTOR TO PROVIDE STRAINER, INDIRECT WASTE PIPING, ESCUTCHEONS AT WALL, SUPPLIES AND STOPS, ETC. AS REQUIRED IN ORDER TO PROPERLY INSTALL FIXTURE. 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS. CONFIRM ALL DIMENSIONAL REQUIREMENTS IN ADVANCE WITH ARCHITECT/OWNER.	PLUMBING CONTRACTOR. PLUMBING CONTRACTOR TO PROVIDE STRAINER, INDIRECT WASTE PIPING, ESCUTCHEONS AT WALL, SUPPLIES AND STOPS, ETC. AS REQUIRED IN ORDER TO PROPERLY INSTALL FIXTURE. 3/4" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS. CONFIRM ALL DIMENSIONAL REQUIREMENTS IN ADVANCE WITH ARCHITECT/OWNER.
COOR CLEANOUT, CAST IRON BODY WITH SECONDARY O-RING TEST SEAL AND ADJUSTABLE COMBINED ACCESS COVER/PLUG TOP SSSEMBLY WITH PRIMARY GASKET SEAL, AND ROUND SCORIATED SICKEL BRONZE COVER. MIFAB C1100-R-1. FOR CARPETED FLOORS ROVIDE MIFAB C1100-RC-1. LL LANATORIES AND SINKS SHALL BE SUPPLIED WITH HOT AND SOLD WATER TO FAUCETS AS INDICATED ON PLANS AND FIXTURE SCHEDULE. PROVIDE CHROME PLATED BRASS SUPPLY STOPS WITH OOSE KEYS AND WALL ESCUTCHEONS. PROVIDE CHROME PLATED TIXTURES. PROVIDE 17 GAUGE CHROME PLATED CAST BRASS P- RAP WITH CLEANOUT AND EXTENSION TO WALL WITH SCUTCHEON. REFER TO FIXTURE SCHEDULE FOR MINIMUM SIZES IF PLUMBING FIXTURE ROUGH-INS. PROVIDE MOLDED CLOSED CELL ANTI-MICROBIAL VINYL SULATION KITS (BY MCGUIRE OR TRUEBRO) AT ALL LAVATORIES AND SINKS REQUIRED TO BE T.A.S. ACCESSIBLE. ALL SUCH TIXTURES AND FINAL INSTALLATIONS SHALL COMPLY WITH THE THAT ACCESSIBILITY STANDARDS REQUIREMENTS. USERT TRAP GUARDS AFTER FINAL RODDING OF DRAINS. INSTALL RAP GUARD WITH CLEAR SILCONE CAULK FOR GAS-TIGHT SEAL. TOR DRAIN RODDING AFTER INSTALLATION, INSERT SEWER TAPE HROUGH LIGHTLY GREASED 1-1/2" PYC PIPE TO PROTECT TRAP SUARD.	R. BY STRAINER, IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	GENERAL NOTES:	AINER, TYPE: TOPS, DESCRIPTION:
	INTURES AND FINAL INSTALLATIONS SHALL COMPLY WITH THE IXTURES AND FINAL INSTALLATIONS SHALL COMPLY WITH THE IXTURES AND FINAL INSTALLATIONS REQUIREMENTS. TATE ACCESSIBILITY STANDARDS REQUIREMENTS. USERT TRAP GUARDS AFTER FINAL RODDING OF DRAINS. INSTALL ROPE OF DRAINS. INSTALL FOR GAS-TIGHT SEAL. OR DRAIN RODDING AFTER INSTALLATION, INSERT SEWER TAPE HROUGH LIGHTLY GREASED 1-1/2" PVC PIPE TO PROTECT TRAP UARD.	LL LAVATORIES AND SINKS SHALL BE SUPPLIED WITH HOT AND SOLD WATER TO FAUCETS AS INDICATED ON PLANS AND FIXTURE CHEDULE. PROVIDE CHROME PLATED BRASS SUPPLY STOPS WITH OOSE KEYS AND WALL ESCUTCHEONS. PROVIDE CHROME PLATED LEXIBLE RISERS OF SIZE REQUIRED TO PROPERLY CONNECT IXTURES. PROVIDE 17 GAUGE CHROME PLATED CAST BRASS PRAP WITH CLEANOUT AND EXTENSION TO WALL WITH SCUTCHEON. REFER TO FIXTURE SCHEDULE FOR MINIMUM SIZES FOLUMBING FIXTURE ROUGH-INS. ROVIDE MOLDED CLOSED CELL ANTI-MICROBIAL VINYL SULLATION KITS (BY MCGUIRE OR TRUEBRO) AT ALL LAVATORIES AND	CO LOOR CLEANOUT, CAST IRON BODY WITH SECONDARY O-RING LOOR CLEANOUT, CAST IRON BODY WITH SECONDARY O-RING EST SEAL AND ADJUSTABLE COMBINED ACCESS COVER/PLUG TOP SSEMBLY WITH PRIMARY GASKET SEAL, AND ROUND SCORIATED IICKEL BRONZE COVER. MIFAB C1100-R-1. FOR CARPETED FLOORS ROVIDE MIFAB C1100-RC-1.
	Hol Consultii 6671 Housto	CONSU	

CONSULTANTS

ROUGH-

Maharaja Bhog

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PLUMBING SCHEDULES

11078 SHEET NAME

PROJECT NUMBER