



ISSUE
10-24-11 LANDLORD REVIEW
11-03-11 ISSUED FOR PERMIT AND PRICING

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

CONSULTANTS

Holste & Associates, Inc.
Consulting Engineers - Texas Reg. #5343
6671 Southwest Freeway, Suite 850
Houston, Texas 77024 (713) 995-1351
www.holsteinc.com
Contact: Kris Oldom (832) 643-0368

PROJECT NAME



Cafe Express Restaurant
PROJECT ADDRESS
3800 SW. Freeway, Suite 124
Houston, Texas 77027

PROJECT NUMBER
11039
SHEET NAME
PLUMBING SCHEDULES
SHEET NUMBER

PLUMBING SCOPE & SPECIFICATION

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

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

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

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

D. 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.

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, 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" 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

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 CUTTING IS BEGUN. SHOULD INTERFERENCE BE FOUND, CONTACT THE ARCHITECT/ENGINEER BEFORE PROCEEDING.

BACKFILL

BACKFILL SHALL NOT BE PLACED UNTIL THE WORK HAS BEEN INSPECTED, TESTED AND APPROVED. USE SUITABLE FRABLE SOILS AS BACKFILL MATERIAL. 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 D698 STANDARD PROCTOR.

PLUMBING PIPING HANGER SPACING

MAXIMUM SPACING SHALL BE 10 FOOT.

CLEANING, TESTING AND ADJUSTING

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.

PIPING INSULATION

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 BY ASTM E-84 METHOD.

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.

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 THESE SPECIFICATIONS AND WITH MANUFACTURER'S INSTRUCTIONS.

TANKLESS GAS WATER HEATERS

ITEM NO.	TOTAL BTUH INPUT	MAXIMUM GPM DELIVERED AT 45°F RISE	MINIMUM FLOW RATE (GPM)	ELECTRICAL REQUIRED	TEMPERATURE SETTING (°F)	MANUFACTURER COMMENT
TWH-1	199,900	7.5	0.5	120V/14/60HZ	180°	NORITZ N-0751M-0D OUTDOOR, WALL-HANGING, POWER VENTED TANKLESS WATER HEATER
TWH-2	199,900	7.5	0.5	120V/14/60HZ	180°	NORITZ N-0751M-0D OUTDOOR, WALL-HANGING, POWER VENTED TANKLESS WATER HEATER

NOTES:
1. PROVIDE FLUE EXHAUST IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND LOCAL CODE REQUIREMENTS.

SHOCK ARRESTORS

P.D.I. 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	14-11/18"	1"
D	61-113	12-3/8"	1"
E	114-154	15-3/8"	1"
F	155-330	17-3/8"	1"

FIRE SPRINKLER SYSTEM

- A. 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.
- B. STUDY THE GENERAL, STRUCTURAL, ELECTRICAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS, IN ORDER TO BECOME FAMILIAR WITH THE BUILDING AND DETAILS 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 COVERAGE PROTECTION.
- C. 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 PAMPHLET 13, AND OTHER LOCAL AUTHORITIES EXERCISING JURISDICTION.
- D. IT SHALL BE THE FIRE PROTECTION INSTALLER'S RESPONSIBILITY, PRIOR TO BID, TO VERIFY PRESSURE AT THE PROJECT SITE BY PERFORMING A FLOW TEST. DETERMINE IF THE AVAILABLE STATIC AND RESIDUAL PRESSURE WILL ADEQUATELY PROVIDE THE FIRE EXTINGUISHING SYSTEM WITH THE NECESSARY PRESSURE OR IF A FIRE PUMP, BREAK TANK AND NECESSARY APPURTENANCES ARE REQUIRED.
- E. SCHEDULE 40 BLACK STEEL PIPE IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA FOR APPLICABLE FIRE PROTECTION SYSTEMS. CONFORM TO ASTM A53 AND A120. PROVIDE PIPING WITH MALLEABLE IRON, CAST IRON, STEEL WELDED OR SCREWED FITTINGS. VICTAULIC GROOVED FITTINGS MAY BE USED ABOVE GRADE IN ACCESSIBLE LOCATIONS ONLY.
- F. 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 LANDLORD'S REPRESENTATIVE PRIOR TO SYSTEM INSTALLATION.
- G. NOTIFY THE LANDLORD'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 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.

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

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 C584-75.

BELOW SLAB SHALL BE SCHEDULE 40 DWV POLYVNYL 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.

PLUMBING FIXTURE SPECIFICATION

TYPE: DESCRIPTION:	SK-1 - KITCHEN WALL HUNG HAND SINK EXISTING SINGLE COMPARTMENT SINK AND FAUCET SET RELOCATED TO POSITION INDICATED. 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. PROVIDE WATTS MMV-UT-0204001 AUTOMATIC SAFETY WATER MIXING DEVICE TO LIMIT HW TO 110°F.	TYPE: DESCRIPTION:	MS-1 - MOP SINK FLOOR MOUNTED SQUARE MOP SINK UNIT 24" X 24" X 12" HIGH RECEPTOR WITH 6" DROP FRONT COMPOSED OF PRECAST TERRAZZO WITH STAINLESS STEEL CAP ON ALL SHOULDERS. PROVIDE FAUCET WITH INTEGRAL STOPS, 4 ARM HANDLES, PAIL HOOK, TOP BRACE WITH WALL FLANGE, VACUUM BREAKER, ROUGH CHROME PLATED. FIXTURE: ACORN TDF-24-SSC FAUCET: ZURN Z-841M1-RC
ROUGH-IN:	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.	ROUGH-IN:	3" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. CONFIRM ALL DIMENSIONAL REQUIREMENTS IN ADVANCE WITH ARCHITECT/OWNER.
TYPE: DESCRIPTION:	SK-2 - KITCHEN WALL HUNG HAND SINK 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, WASTE PIPING, ESCUTCHEONS AT WALL, SUPPLIES AND STOPS, ETC. AS REQUIRED IN ORDER TO PROPERLY INSTALL FIXTURE. PROVIDE WATTS MMV-UT-0204001 AUTOMATIC SAFETY WATER MIXING DEVICE TO LIMIT HW TO 110°F.	TYPE: DESCRIPTION:	IMC-1 ICE MACHINE CONNECTION, WATER SUPPLY VALVED AT WALL. PROVIDE DOUBLE CHECK VALVE TYPE BACKFLOW PREVENTER 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. 3/4" COLD WATER. COORDINATE ROUGH-IN LOCATION/HEIGHT AND FINAL CONNECTION WITH EQUIPMENT BEING INSTALLED AND WITH ARCHITECTURAL DRAWINGS.
ROUGH-IN:	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.	ROUGH-IN:	3/4" COLD WATER. COORDINATE ROUGH-IN LOCATION/HEIGHT AND FINAL CONNECTION WITH EQUIPMENT BEING INSTALLED AND WITH ARCHITECTURAL DRAWINGS.
TYPE: DESCRIPTION:	SK-3 - KITCHEN SINK SINGLE COMPARTMENT SINK, INTEGRAL TO PRE-FABRICATED STAINLESS STEEL TABLE TOP 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.	TYPE: SERVICE: DESCRIPTION:	FD-1 KITCHEN AREA CLEANUP FLOOR DRAIN, BOTTOM OUTLET CAST IRON BODY, 8" DIAMETER NICKEL BRONZE STRAINER AND RIM, ANCHOR FLANGE, 8" DEEP 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 PLANS FOR SIZES. COORDINATE FINAL LOCATION AND INSTALLATION WITH ARCHITECTURAL DRAWINGS AND OWNER.
ROUGH-IN:	1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS. CONFIRM ALL DIMENSIONAL REQUIREMENTS IN ADVANCE WITH ARCHITECT/OWNER.	TRAP SEAL:	PROVIDE PRO-SET SYSTEMS, INC. TRAP GUARD FACTORY FITTED TO MATCH EACH FLOOR DRAIN 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.
TYPE: DESCRIPTION:	SK-4 - KITCHEN SINK SINGLE COMPARTMENT SINK, INTEGRAL TO PRE-FABRICATED STAINLESS STEEL TABLE TOP 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.	ROUGH-IN:	3/4" COLD WATER. CONFIRM MOUNTING HEIGHT IN ADVANCE WITH ARCHITECT/OWNER.
ROUGH-IN:	1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS. CONFIRM ALL DIMENSIONAL REQUIREMENTS IN ADVANCE WITH ARCHITECT/OWNER.	TYPE: DESCRIPTION:	WH-1 - EXTERIOR GENERAL PURPOSE WALL HYDRANT, CONCEALED BOX TYPE, NON-FREEZE, 3/4" MALE HOSE THREAD OUTLET, SELF-DRAINING WITH ANTI-SIPHON VACUUM BREAKER. CHROME PLATED BRONZE HEAD CASTING HOUSED WITH SATIN FINISH NICKEL BRONZE BOX WITH LOCKING HINGED COVER. LOOSE TEE OPERATING KEY. MIFAB MHY-20. 3/4" COLD WATER. CONFIRM MOUNTING HEIGHT IN ADVANCE WITH ARCHITECT/OWNER.
TYPE: DESCRIPTION:	SK-5 - TWO COMPARTMENT SINK TWO 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.	ROUGH-IN:	3/4" COLD WATER. CONFIRM MOUNTING HEIGHT IN ADVANCE WITH ARCHITECT/OWNER.
ROUGH-IN:	1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS. CONFIRM ALL DIMENSIONAL REQUIREMENTS IN ADVANCE WITH ARCHITECT/OWNER.	TYPE: DESCRIPTION:	FCO FLOOR CLEANOUT, CAST IRON BODY WITH SECONDARY O-RING TEST SEAL AND ADJUSTABLE COMBINED ACCESS COVER/PLUG TOP ASSEMBLY WITH PRIMARY GASKET SEAL, AND ROUND SCORATED NICKEL BRONZE COVER. MIFAB C1100-R-1. FOR CARPETED FLOORS PROVIDE MIFAB C1100-RC-1.
TYPE: DESCRIPTION:	SK-6 - BAR HAND SINK 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. PROVIDE WATTS MMV-UT-0204001 AUTOMATIC SAFETY WATER MIXING DEVICE TO LIMIT HW TO 110°F.	GENERAL NOTES:	ALL LAVATORIES AND SINKS SHALL BE SUPPLIED WITH HOT AND COLD WATER TO FAUCETS AS INDICATED ON PLANS AND FIXTURE SCHEDULE. PROVIDE CHROME PLATED BRASS SUPPLY STOPS WITH LOOSE KEYS AND WALL ESCUTCHEONS. PROVIDE CHROME PLATED FLEXIBLE RISERS OF SIZE REQUIRED TO PROPERLY CONNECT FIXTURES. PROVIDE 17 GAUGE CHROME PLATED CAST BRASS P-TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON. REFER TO FIXTURE SCHEDULE FOR MINIMUM SIZES OF PLUMBING FIXTURE ROUGH-INS. PROVIDE MOLDED CLOSED CELL ANTI-MICROBIAL VINYL INSULATION KITS (BY MCGUIRE OR TRUEBRO) AT ALL LAVATORIES AND SINKS REQUIRED TO BE T.A.S. ACCESSIBLE. ALL SUCH FIXTURES AND FINAL INSTALLATIONS SHALL COMPLY WITH THE STATE ACCESSIBILITY STANDARDS REQUIREMENTS. INSERT TRAP GUARDS AFTER FINAL RODDING OF DRAINS. INSTALL TRAP GUARD WITH CLEAR SILICONE CAULK FOR GAS-TIGHT SEAL. FOR DRAIN RODDING AFTER INSTALLATION, INSERT SEWER TAPE THROUGH LIGHTLY GREASED 1-1/2" PVC PIPE TO PROTECT TRAP GUARD.
ROUGH-IN:	1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS. CONFIRM ALL DIMENSIONAL REQUIREMENTS IN ADVANCE WITH ARCHITECT/OWNER.		