B. Bends shall be long sweep type, of the same grade and coated in the same manner as the tubing specified above. Minimum centerline radius of all bends shall be 30" for 6" O.D. and 32" for 8"O.D. In restricted area spaces bends may be 24" for 6" O.D. and 20" for 8"O.D., but should be kept to a minimum. No segmented elbows or short radius plumbing elbows shall be permitted. All joints shall be made with a liquidtite mechanical bolted coupling system or idtite slip coupling system. Edges of tubing and bends must be deburred and sothed prior to forming joints. Expansion sleeves with a moisture barrier must provided where the conduit crosses building expansion joints, liquidtite integrity.

No spiral formed tubing or duct, or other unsmooth interior tubing or conduit shall permitted, except that flexible metal conduit may be used in areas where structural except that flexible metal conduit may be used in areas where structural expensent can be expected. PVC shall be used only for underground and other buried extions of the systems, Schedule 40 type with Long Radius Bends, 30" for 6" PVC at 48" for 8" PVC.

. Multi-Clamped Pull Sleeves, four (4) feet long minimum, must be provided tocess to beverage lines in accessible locations approximately every 75 to bends, whichever occurs first. Where junctions are required, Pull Boxes side dimensions for pulling and turning will be provided in place of a Pull S Conduit system terminations shall be stubbed-up 4" above finished floor unless otherwise lled out on drawings. All floor penetrations shall be sealed with a UL approved fire stop sembly method. for continuous feet or every three having adequate Sleeve.

H. Support hangers will be double rod type and spaced on 10 foot centers other Single Rod hanger assemblies shall be permitted. Support hangers within I foot of each Pull Box. G. All terminations shall be finished bell-shaped swaged outer edge. . Beverage Line Conduit System installation minimum of six (6) similar Arena projects. s. No Clevis or will be provided ring a smooth

3/16" ALUMINUM -(TREAD PLATE)

WALK-IN SECTION

N T S

N

WALK-IN SECTION AT

ENTRANCE N.T.S.

Δ.

50lb ASPHALT PAPER

SLAB

ASPHALT PAPER

NSF APPROVED RADIUS

--- EXTERIOR
WALL PANEL

ADJUSTABLE SWEEP

THRESHOLD PLATE

-BUILDING WALL

HEATER WIRE

FINISHED FLOOR

NOTES: BEVERAGE LINE CONDUIT SYSTEMS

shall be provided for all Beer and

Beverage Line Conduit System Materials shall include as required: 6" and 8" minum Conduit, Aluminum Long Radius Bends, Bolted Split Sleeve Couplings, Long Pull Sleeves, Expansion Sleeves, Custom Galvanized or Stainless Steel II Boxes, Nipple Plates, End Fittings, Double Rod Row Clamp Hangers, Liquid otect Sealant and Tape and other required materials for the complete and proper tallation of the Beverage Line Conduit Systems in accordance with the Specifications.

l. Beverage Line Conduit Systems Soda Systems.

Beverage Line Conduit System Installation shall be complete and include all trenching, ble coring, sleeving, cutting, fire stopping, and patching through walls, floors and ceilings required. All penetrations shall be finished with a UL approved fire stop assembly sthod or as may be permitted with acceptable Engineering Judgments based on Tested Systems from a recognized Fire Protection Engineer.

4. Beverage Line Conduit Systems are required for all Beer and Soda Systems. Drawings for the Beverage Line Conduit Systems are Diagrammatic and intended only to describe service points between Beer Coolers and Storage Rooms and individual Service

6. Kelly BevWay Systems Co. 2425 W. Hubbard Street Chicago, IL 60612 Phone: (871) 753-0600 Fax: (312) 733-6971 Drawings are Diagrammatic Only. All Beverage Line Conduit System Routings, enetrations, Stub-Ups and Termination Points shall be Field Determined and shall scoordinated with other trades on site during the MEP coordination process.

* Secure & tighten removable access panel when line pull and testing are completed.

* When a junction or multiple changes in direction are required install a pull box. Pull Boxes are to be installed with Access Panel on the underside of the Box as illustrated. Access to Pull Boxes must be aintained until beverage lines have een pulled and wet-tested.

PULL SLEEVES

* Install Pull Sleeve in a closed position. If line pull goes smoothly, there is no need to open. If line pull assistance is needed, loosen & slide Pull Sleeve back over conduit as shown for access to beverage lines. Close and latch when finisher * Install Pull Sleeves in accessible location every 75 feet or every 3 bends, whichever occurs first, to assist in the line pull.

Access to Pull Sleeves must be aintained until beverage lines have een pulled and wet-tested.

HOT & COLD — WATER SUPPLY SODA LINES TO -DISPENSER SODA GUN ----(MAIT STATION) SODA & BEER LINES — IN WALL TO DISPENSER 30" RAD MINIMUM 50DA LINES — TO DISPENSER FLOOR SINK BEER DISPENSER VERAGE CONDUIT -SODA GUN (BAR SIDE) SODA BUNDLE (CARBONATED —— WATER & SYRUP LINE) TO COLD PLATE 34 ½"± SODA BUNDLE (CARBONATED WATER (CARBONATED WATER (COLD PLATE) LOCATION TO BE DETERMINED IN FIELD CO2 LINE TO— CARBONATOR CARBONATOR STUB-OUT CONDUIT DUPLEX RECEPTACLE BEER LINES TO BUNDLE W REFRIGERATION -LINES REGULATOR-FILTERED WATER WALL BACKING
— BY GENERAL
CONTRACTOR PENETRATIONS BY BEER SYSTEM INSTALLER --- NITROGEN (N2) AND CO2 MIXED GAS TO REGULATOR REFRICERATION LINES FROM POWER PAK -LOCATION TO BE DETERMINED IN FEILD GAS BLENDER STATION POWER PAK

BEVERAGE CONDUIT

CEILING

STRUCTURE ABOVE

PIPE DRAIN LINE TO FLOOR SINK

42" A.F.F.

COUNTER TOP DISPENSER

BEER LINES DISPENSER

BEER

δo

SODA

SYSTEM

REMOTE MANUAL PULL STATION DETECTION : LINE DETECTORS FIRE SYSTEM DETAIL

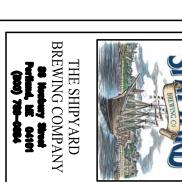
N.T.S. SYSTEM CONTROL AUTOMAN WITH AGENT TANK ENCLOSED PLENUM PROTECTION NOZZLE DUCT PROTECTION NOZZLE

> LLOYD ARCHITECTS Two High Cliff, Plymouth MA 02360 T E L: (508) 746-4646 F A X: (508) 746-1236 E - M A I L: info@1loydarch.com

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