

- AND FLOW
- 2. ACCESS MUST BE MAINTAINED FOR CIRCUIT SETTER.

1/2"TP TO ADJACENT -HANDWASH SINK

TO SINGLE DB-1-

BOXES WHERE SHOWN ON

- STAINLESS STEEL RECESSED

DIALYSIS SUPPLY & WASTE BOX (MIFAB MODEL MI-DIAL-VB) - SINGLE 3/4"VALVE & SUPPLY

OUTLET W/VACUUM BREAKER

- DISCHARGE HOSE BRACKET

-2"STAINLESS STEEL WASTE OUTLET

W/2"SCHEDULE 40 POLY PROPYLENE PIPE WITH MECHANICAL JOINTS & TRAP. FURNISH WITH TRAP PRIMER CONNECTION. TRAP SUPPLY SHOULD BE

FROM ADJACENT PATIENT LAVATORY SINK

- 2"WASTE RECEPTOR

 CIRCUIT SOLVER UNION ASSEMBLY (CSUAS)

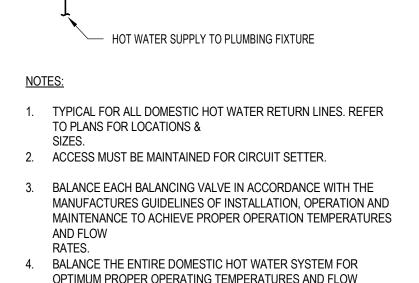
WITH INTEGRAL CHECK VALVE AND STRAINER

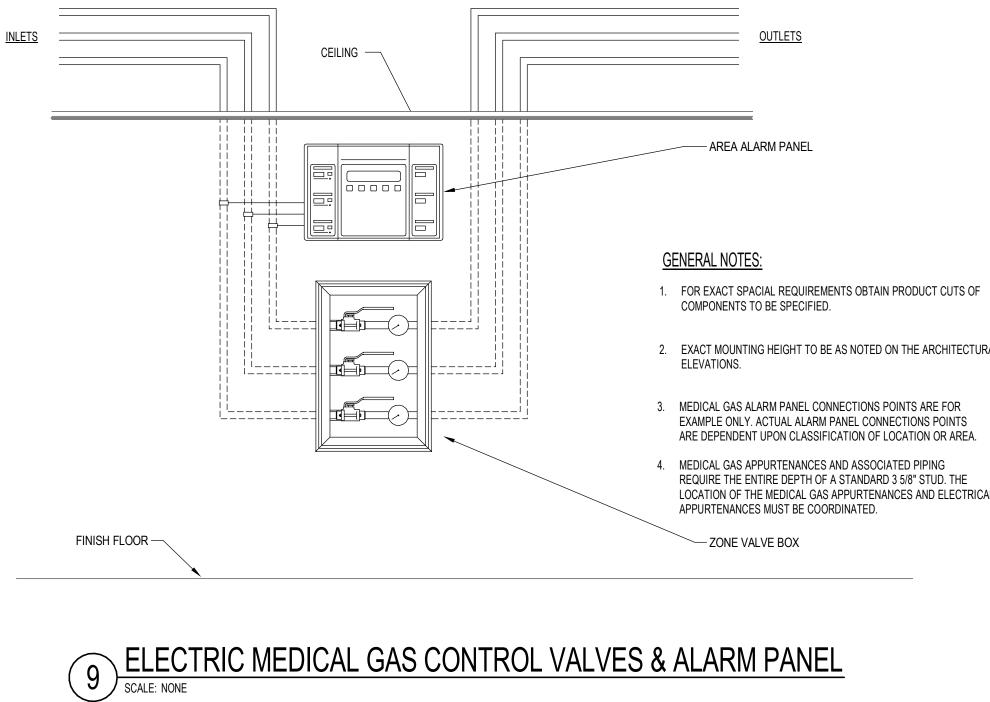
---- BALL VALVE

3/4"TW DROP --WITHIN WALL

_____ — HOT WATER SUPPLY TO PLUMBING FIXTURE 1. TYPICAL FOR ALL DOMESTIC HOT WATER RETURN LINES. REFER TO PLANS FOR LOCATIONS & 3. BALANCE EACH BALANCING VALVE IN ACCORDANCE WITH THE MANUFACTURES GUIDELINES OF INSTALLATION, OPERATION AND MAINTENANCE TO ACHIEVE PROPER OPERATION TEMPERATURES

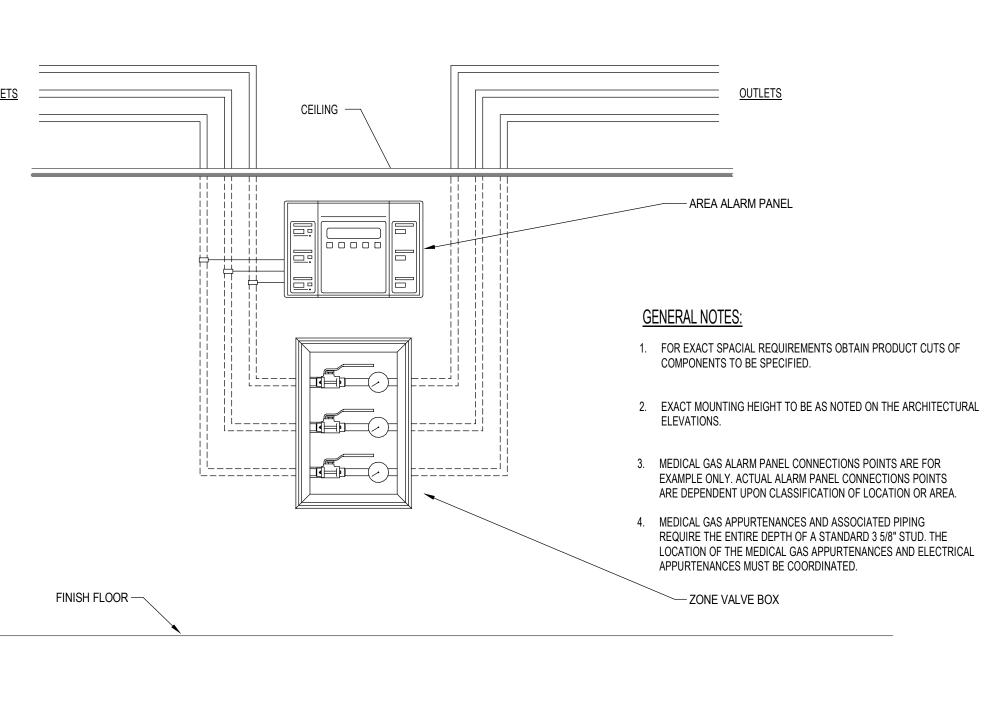
DIALYSIS SUPPLY & WASTE BOX
SCALE: N.T.S.

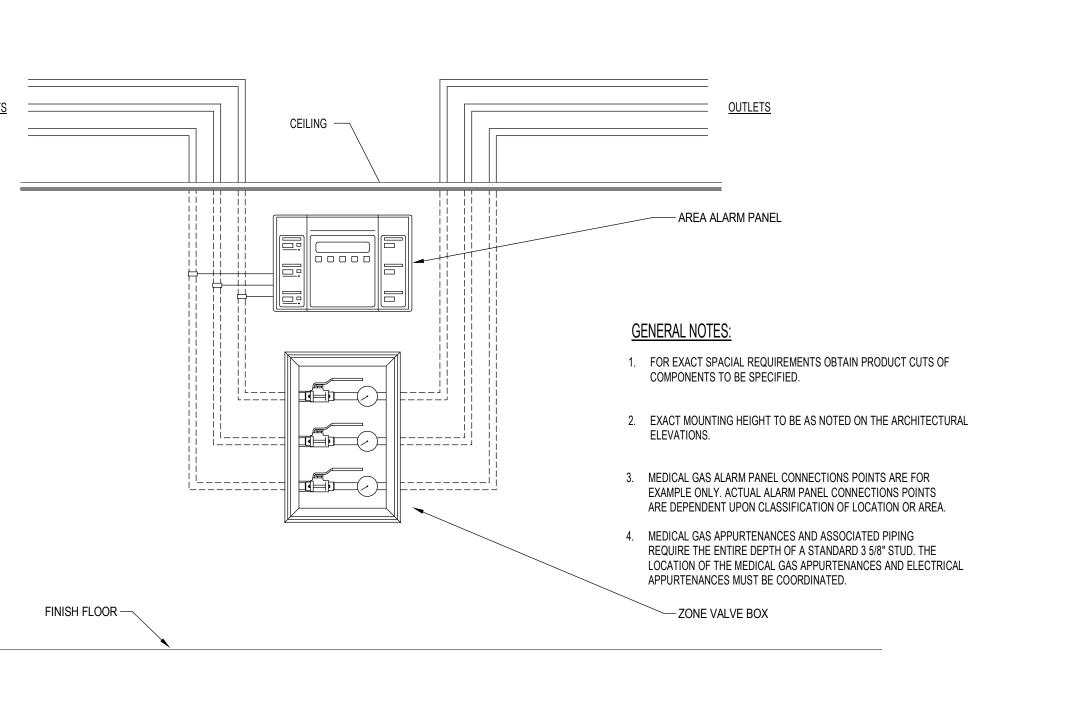




TRAP PRIMER ASSEMBLY

SCALE: N.T.S.





VENT STACK EXTENSION

OPTIONAL CLAMPING

NO-HUB COUPLING

NOTE: VENT STACK OUTLET TO BE 10 FT.(MIN) FROM ANY WALL OR STRUCTURE OR

COLLAR

3 FT. ABOVE STRUCTURE

FLASHING SLEEVE

VENT THRU THE ROOF (VTR)

SCALE: N.T.S.

— COUNTER TOP

ISLAND SINK BOW VENT PIPING

SCALE: N.T.S.

<u>TP-1</u>

/ ISLAND SINK. REFER TO

FIXTURE SCHEDULE

SLEEVE — (TYP)

DETAIL IS DIAGRAMMATIC, MODIFY PIPING TO CONFORM TO ACTUAL ROUGH

IN LOCATIONS. CONTRACTOR IS RESPONSIBLE TO PROVIDE COMPLETE

AND WORKING

— 1 1/2"TW MAIN (SIZE MAY VARY. SEE PLANS)

> ROOF CONSTRUCTION

12" MIN BEFORE CONNECTING TO OTHER

FIXTURE VENTS

FINISH FLOOR

SHEET LEAD FLASHING CLAMPED INTO FLASHING SLEEVE

FILL IN ABOVE SLEEVE AND

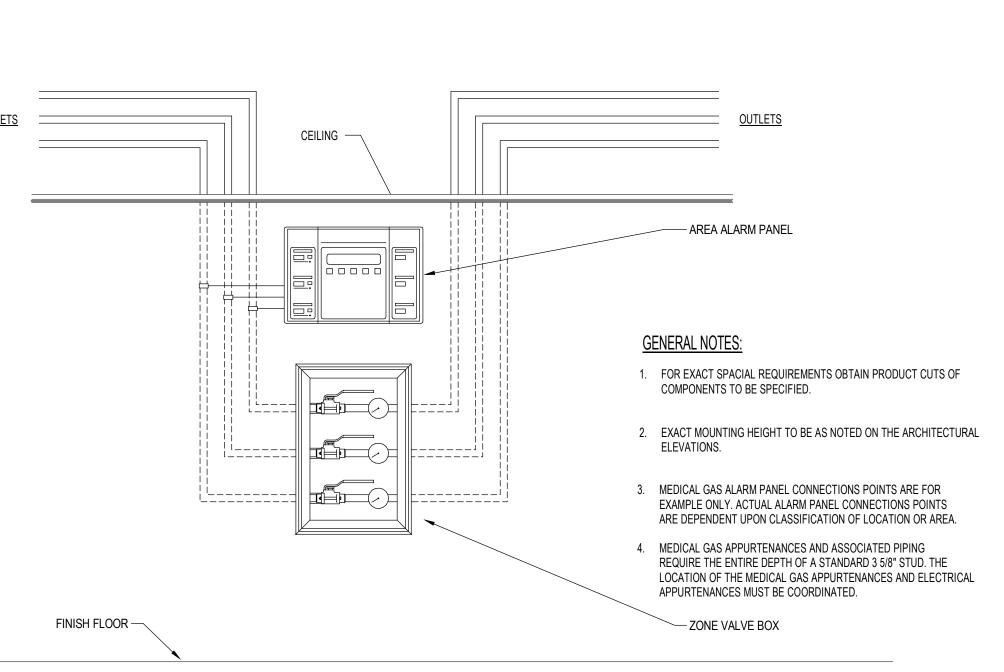
MOP IN ROOFING IN A

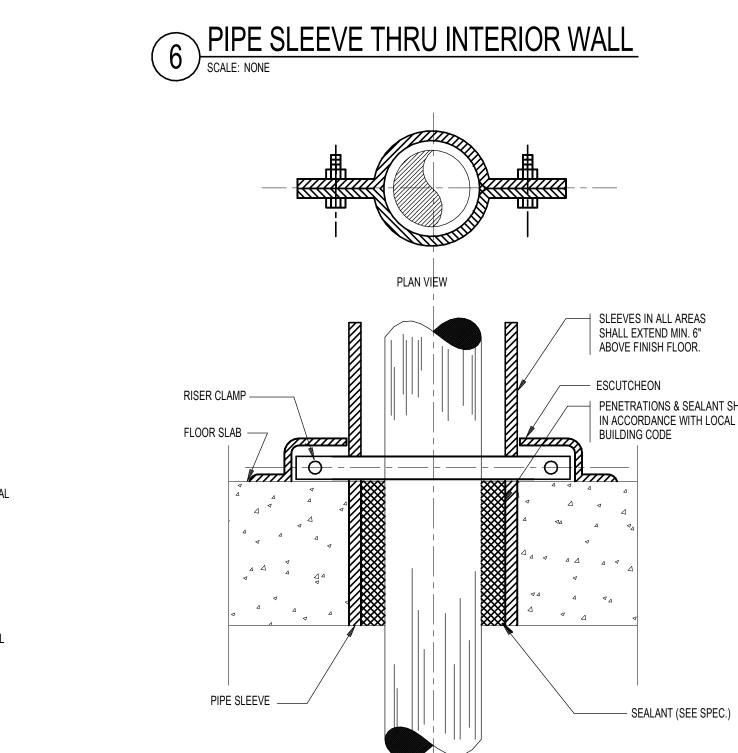
WATERTIGHT MANNER

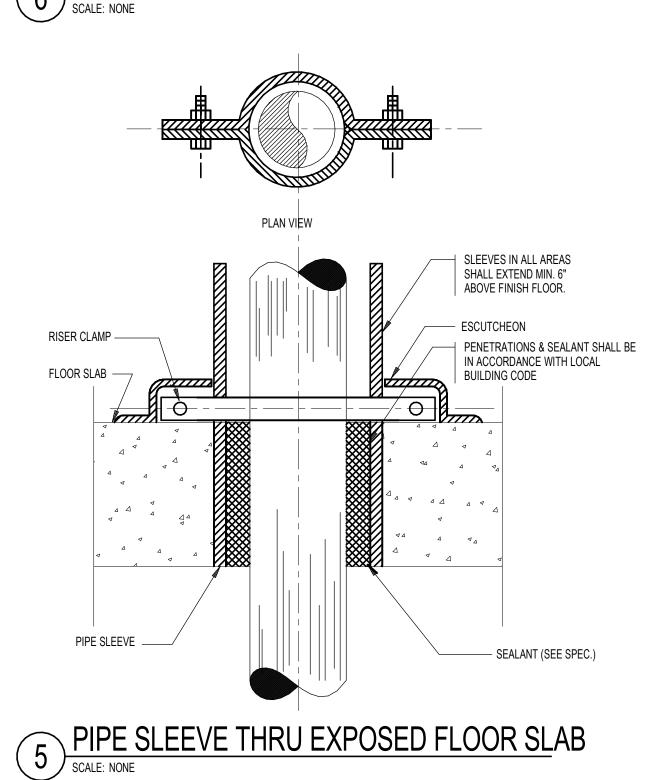
MANUFACTURED STACK

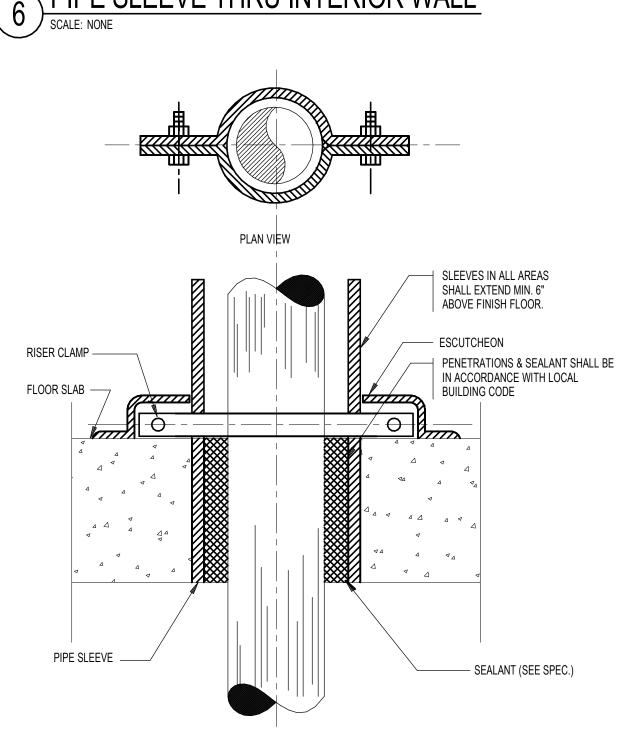
FLASHING SLEEVE

ANCHORED IN PLACE

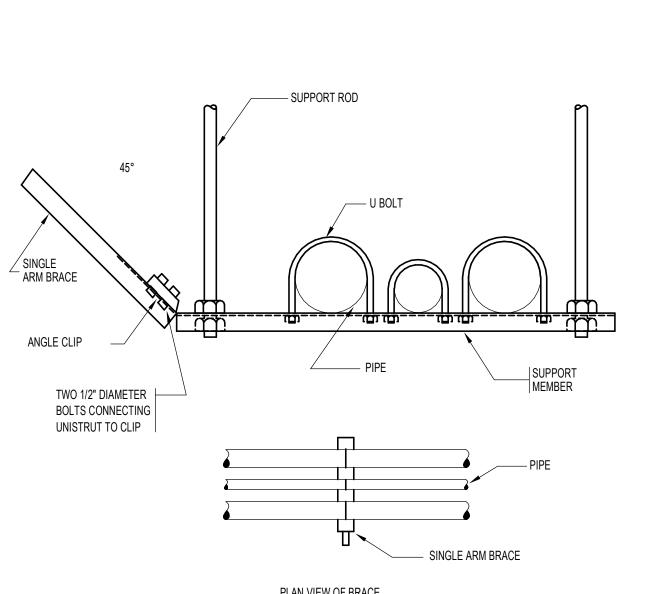












SINGLE ARM BRACE FOR TRAPEZE HUNG PIPE

PLAN VIEW OF BRACE

8 TYPICAL FIRE RATED PIPE SLAB PENETRATION SCALE: NONE

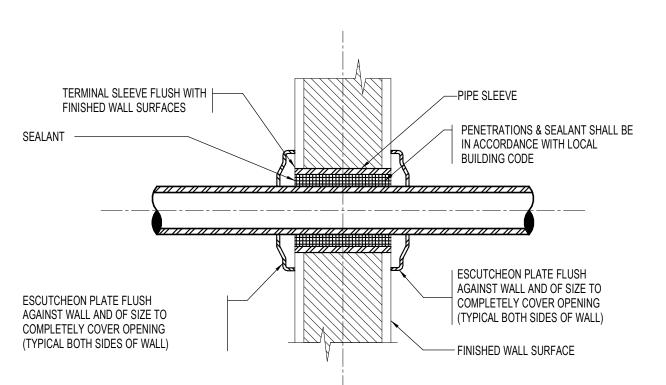
NOTE:

1. FIRESTOP SEALANTS AND PIPING PENETRATIONS THROUGH FIRE RATED

1. FIRESTOP SEALANTS AND PIPING PENETRATIONS THROUGH FIRE RATED

1. FIRESTOP SEALANTS AND PIPING PENETRATIONS THROUGH FIRE RATED

SLEEVES IN MEHCANICAL ROOMS SHALL EXTEND MIN. 6" ABOVE FLOOR SLAB



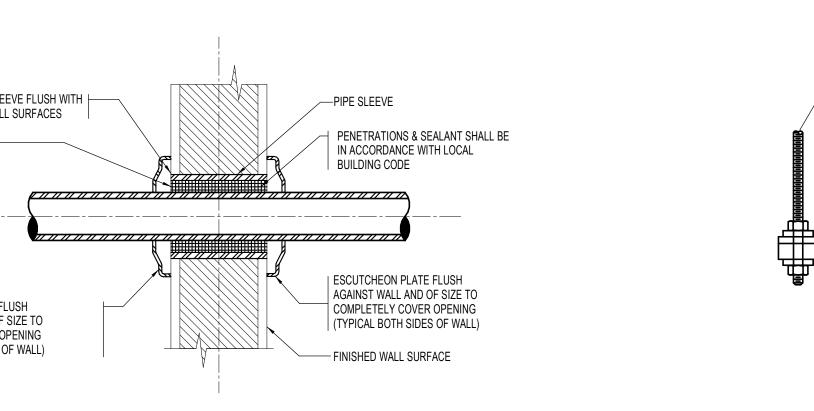
7 PIPE PENETRATION WITHOUT INSULATION
SCALE: NONE

TERMINATE SLEEVE FLUSH WITH

FINISHED WALL SURFACES

PIPE AND INSULATION TO BE CENTERED IN SLEEVE - DO NOT SUPPORT PIPE

FROM SLEEVE



PENETRATIONS & SEALANT SHALL BE IN ACCORDANCE WITH LOCAL

FINISHED ESCUTCHEON PLATE FLUSH

AGAINST WALL AND OF SIZE TO

COMPLETELY COVER OPENING

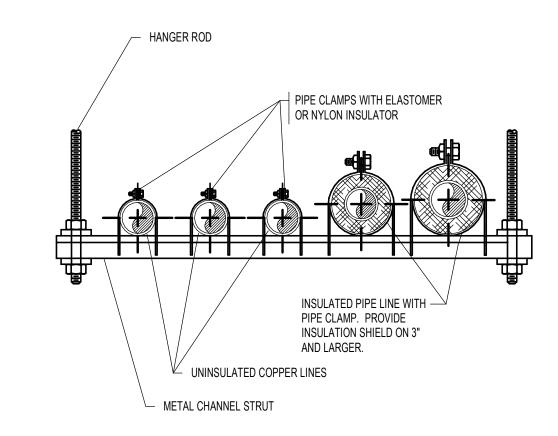
— FINISHED WALL SURFACE

BUILDING CODE

1" MIN.THICKNESS

MINERAL WOOL

- SLAB PENETRATION



HANGER ROD —

LOCKING NUT

SUPPORT NUT

HIGH DENSITY

2 1/2" THRU 3"

4" AND 5"

INSULATION 12" LONG INSULATION SHIELD, 12" LONG FOR PIPES 3" AND LARGER

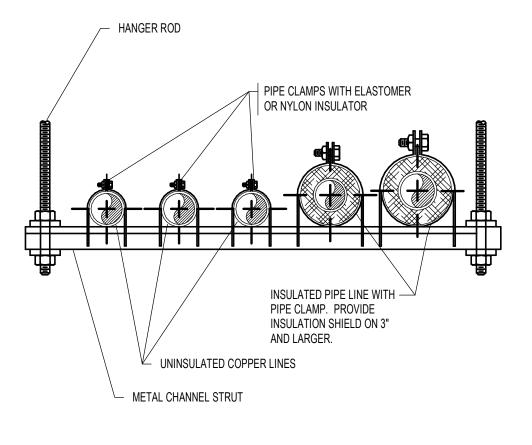
HANGER ROD SCHEDULE

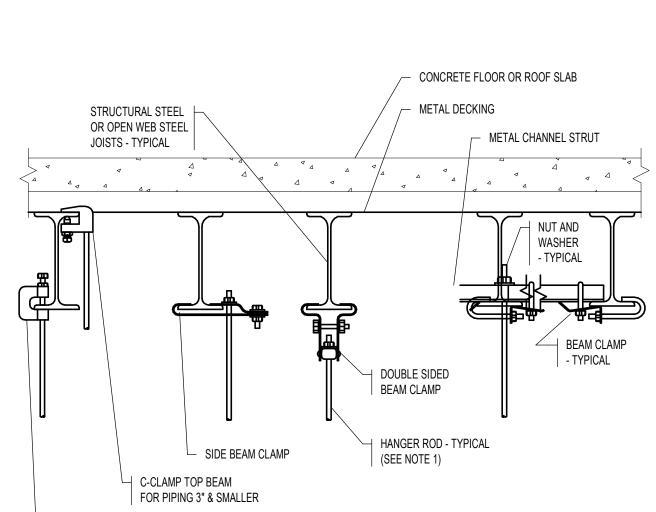
3/8" DIA.

1/2" DIA.

PLUMBING PIPE HANGER INSTALLATION DETAIL

SCALE: NONE





OR OPEN WEB STEEL JOISTS - TYPICAL	METAL CHANNEL STRUT
SIDE BEAM CLAN C-CLAMP TOP BEAM FOR PIPING 3" & SMALLER	DOUBLE SIDED BEAM CLAMP HANGER ROD - TYPICAL (SEE NOTE 1)
C-CLAMP FOR PIPING 3" & SMALLER	

NOTE 1
REFER TO PIPE HANGER DETAIL FOR HANGER ROD SIZE. FOR CEILING SUSPENDED EQUIPMENT PROVIDE MIN. 3/8" DIA. HANGER ROD (REFER TO MANUFACTURERS INSTALLATION INSTRUCTIONS).

TYPICAL METHODS OF SECURING HANGER RODS TO STRUCTURAL STEEL DETAIL

SCALE: NONE

RICHARDS -BUILDING I **OVERALL KEY PLAN** 2 - CONGRESS STREET 3 - VISITOR GARAGE 4 - EAST TOWER 5 - CENTRAL UTILITY PLANT 6 - BEAN BUILDING 7 - RICHARDS BUILDING 8 - MAINE GENERAL BUILDING

PERKINS

- LOCKING NUT

HANGER ROD SPACING

PIPE SIZE MAX. ALLOWABLE SPACING

225 Franklin Street, Suite 1100 Boston, MA 02110

22 Bramhall Street Portland, ME 04102

CONSULTANTS

CIVIL/ LANDSCAPE ARCHITECT

75 John Roberts Road , Suite

1A, South Portland, ME 04106

Simpson Gumpertz & Heger Inc.

41 Seyon Street, Building 1, Suite 500, Waltham, MA 02453

STRUCTURAL ENG/ BUILDING ENVELOPE CONSULTANT

99 Bedford Street, 2nd Floor, Boston MA 02111

2 Seaport Lane, Suite 200, Boston, MA 02210

VDA (Van Deusen & Associates)

101 Summer Street, 4th Floor, Boston MA

3 Baldwin Green Common, Suite 202, Woburn, MA 01801

Sebago Technics

MEPFP ENGINEER/ CODE AKF Group LLC

CONSTRUCTION MANAGER

Turner Construction

ELEVATOR CONSULTANT

02110

COST ESTIMATOR

PROJECT TITLE

Addition

KEY PLANS

EAST TOWER

22 Bramhall Street Portland, ME 04102

East Tower 6 & 7

PETER J. REILLY

PROJECT KEY PLAN

D. G. Jones International

t 617.478.0300 f 617.478.0321 www.perkinswill.com

CLIENT

CONSTRUCTION DOCUMENTS

JANUARY 26, 2018

ADDENDUM NO. 1 03/22/18 DATE Job Number B150312-000 DGC Checked PJR PJR

> **PLUMBING DETAILS**

> > SHEET NUMBER

TITLE

P00-21

Copyright 2017 © Perkins+Will