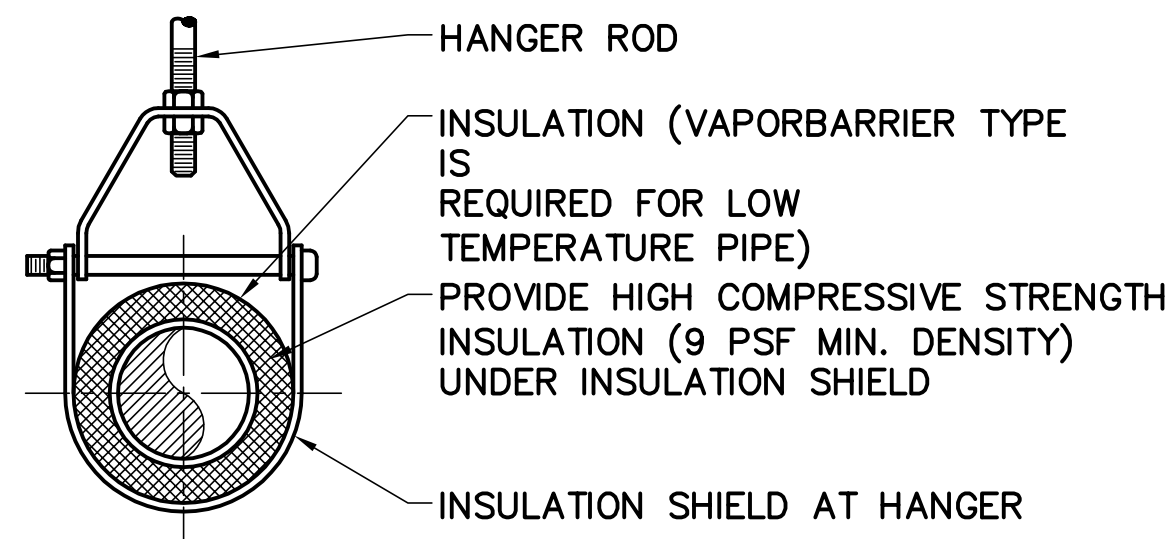
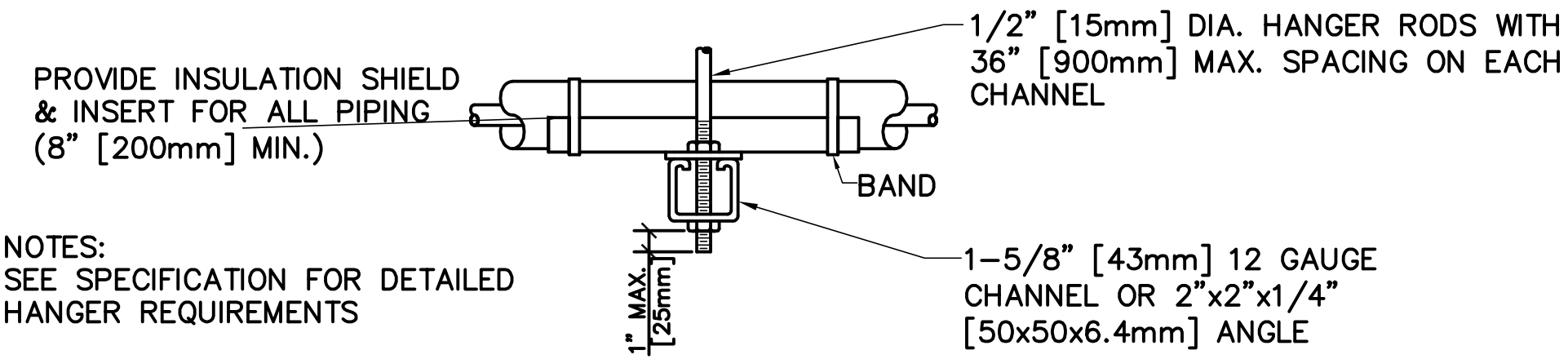


three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



ADJUSTABLE CLEVIS HANGER
TYPE 1 - SEE SPECIFICATIONS



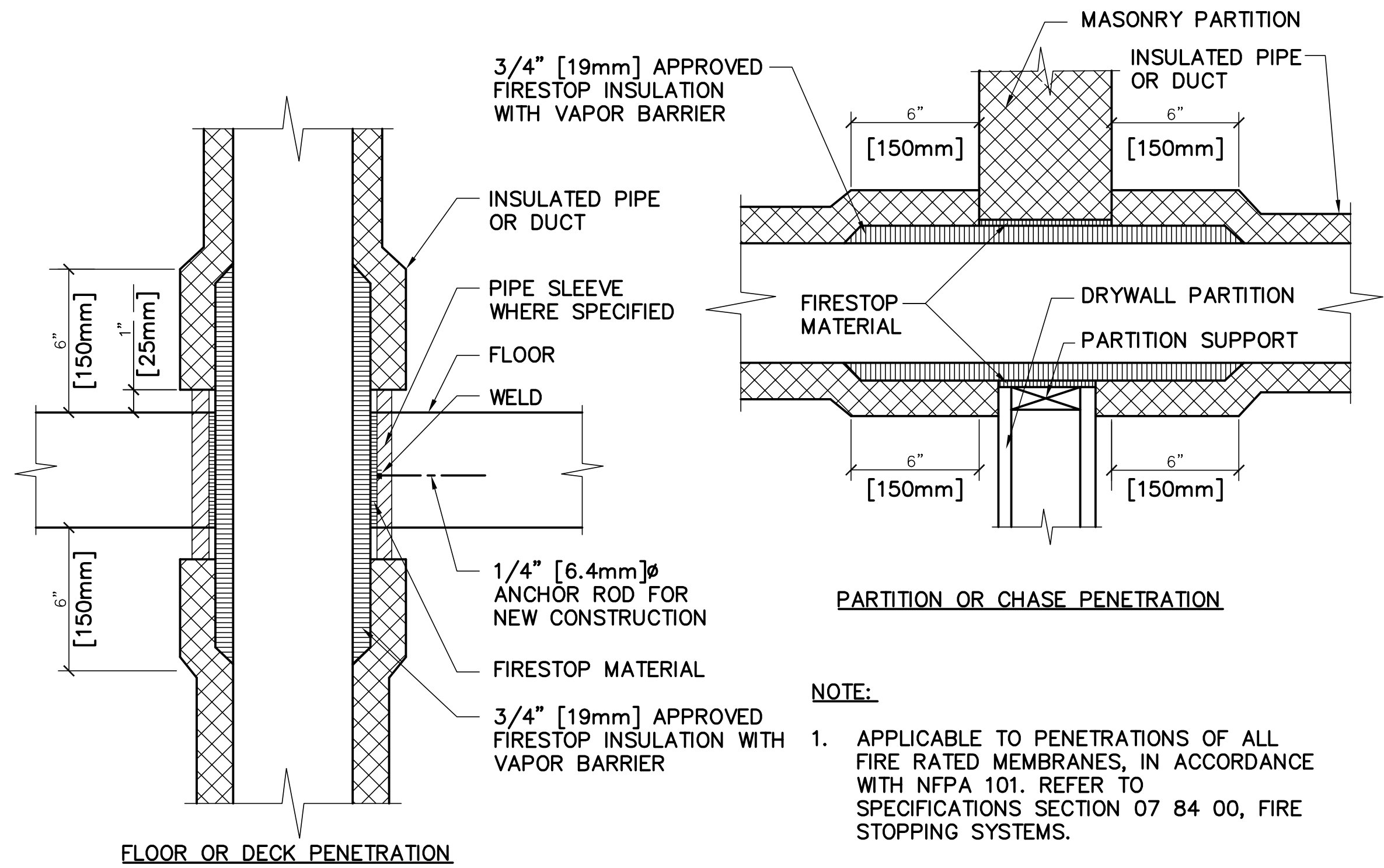
SIDE VIEW TRAPEZE HANGER FOR UP TO 1000 LB. [453KG] UNIFORM LOAD

MAXIMUM PIPE/TUBING SUPPORT SPACING															
NOM. SIZE	IN. [mm]	THRU 3/4 [20]	1 [25]	1 1/4 [32]	1 1/2 [40]	2 [50]	2 1/2 [65]	3 [75]	4 [100]	5 [125]	6 [150]	8 [200]			
PIPE	FT. [mm]	7 [2100]	7 [2100]	7 [2100]	9 [2700]	10 [3000]	11 [3400]	12 [3700]	14 [4100]	16 [4900]	17 [5200]	19 [5800]			
TUBING	FT. [mm]	5 FT [1500]	6 [1800]	7 [2100]	8 [2400]	8 [2400]	9 [2700]	10 [3000]	12 [3700]	13 [4000]	14 [4100]	16 [4900]			

NOTE: FOR TRAPEZE HANGER TAKE SPACING OF SMALLEST SIZE ON TRAPEZE.

1 PIPE HANGERS

NO SCALE

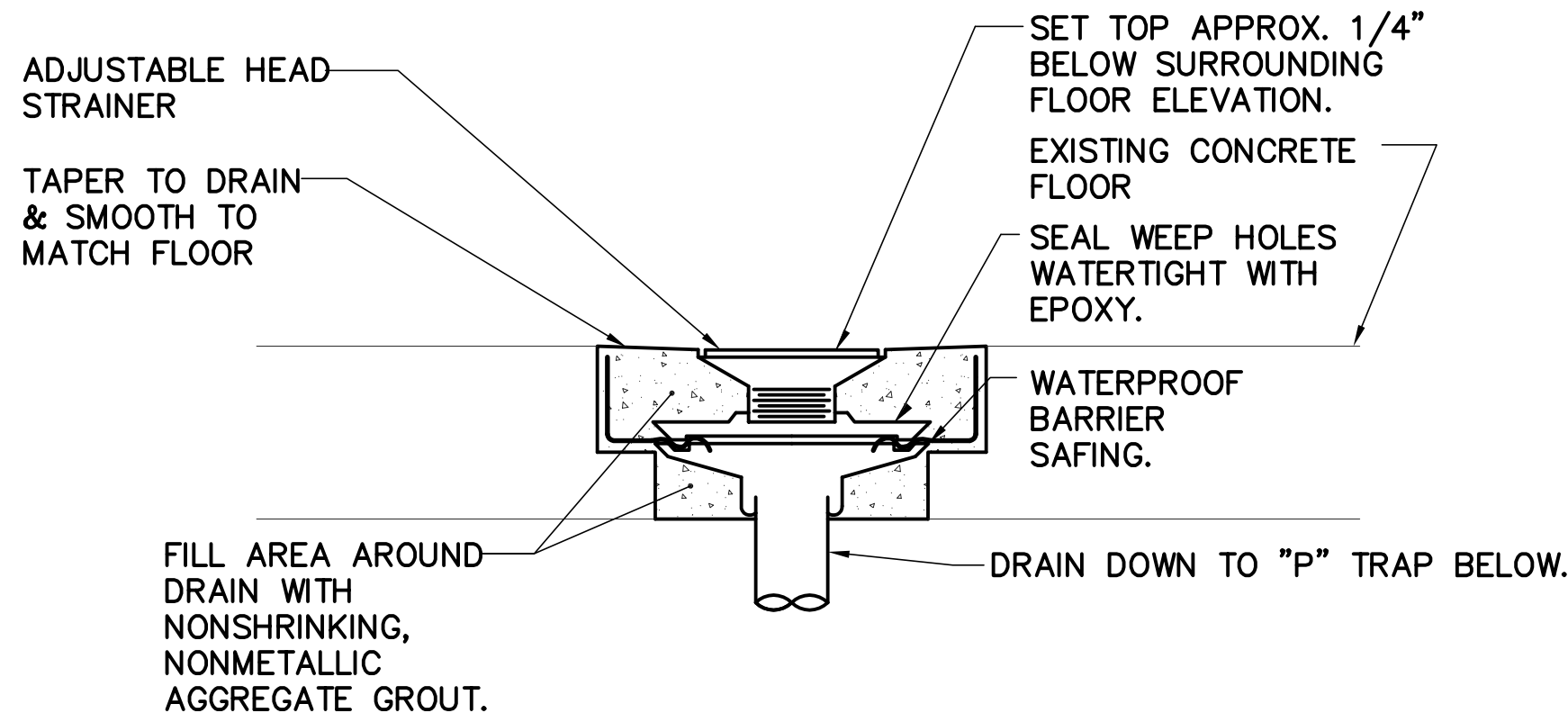


NOTE:

1. APPLICABLE TO PENETRATIONS OF ALL FIRE RATED MEMBRANES, IN ACCORDANCE WITH NFPA 101. REFER TO SPECIFICATIONS SECTION 07 84 00, FIRE STOPPING SYSTEMS.

3 PIPE/DUCT PENETRATION OF SMOKE/FIRE BARRIERS

NO SCALE



2 NEW FLOOR DRAIN IN EXISTING FLOOR

NO SCALE

NOTES:

1. CORE DRILL HOLE IN CONCRETE FLOOR USING 2 SIZES OF HOLES AS SHOWN ABOVE. TOP PORTION OF HOLE SHOULD BE 4" Ø LARGER THAN TOP OF DRAIN MIN. BOTTOM HALF OF HOLE SHALL BE AS SMALL AS POSSIBLE AND STILL ALLOW SPACE FOR FLOOR DRAIN.

PLUMBING FIXTURE ROUGH-IN SCHEDULE

FIXTURE DESCRIPTION	DOMESTIC C.W. (NOTE 3)	DOMESTIC H.W. (NOTE 3)	SANITARY (NOTE 3)	VENT (NOTE 3)	REMARKS
WATER CLOSET	1 1/4"	-	4"	2"	(FLUSHOMETER)
LAVATORY	1/2"	1/2"	1 1/4"	1 1/4"	NOTE 2
SINK	3/4"	3/4"	1 1/2"	1 1/4"	NOTE 2
FLOOR DRAIN	-	-	2"	1 1/2"	
EYEWASH	3/4"	3/4"	-	-	-

NOTES:

1. NOT USED.
2. 1/2" CW AND HW APPLIES ONLY TO THE FINAL VERTICAL RISE-DROP TO EACH FIXTURE. BRANCH PIPING TO VERTICAL RISE-DROP SHALL BE A MINIMUM OF 3/4" INCH UNLESS NOTED OTHERWISE.
3. SIZES SHOWN ARE MINIMUMS. SIZES SHOWN ON THE DRAWING THAT ARE LARGER THAN THE SIZES LISTED IN THE SCHEDULE SHALL DICTATE THE ROUGH-IN SIZE.

GENERAL PLUMBING NOTES

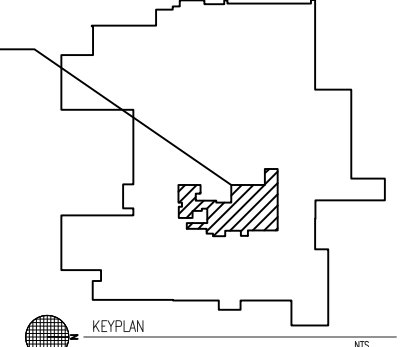
1. EXISTING CONDITIONS ARE BASED ON INFORMATION OBTAINED FROM SITE SURVEYS AND EXISTING BUILDING DOCUMENTS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK. NOT ALL PIPES, DUCTS, WIRING, ETC HAVE BEEN SHOWN.
2. UNLESS NOTED OTHERWISE, WHERE WORK REQUIRES PATCHING OF WALLS OR FLOORS THAT WILL REMAIN, THE CONTRACTOR WHOSE WORK CAUSES DAMAGE OR CREATES OPENINGS IS RESPONSIBLE FOR PATCHING AS REQUIRED TO MATCH ORIGINAL CONSTRUCTION, FIRE RATING, AND FINISH.
3. THIS CONTRACTOR SHALL COORDINATE EXACT PIPE ROUTING WITH ALL OTHER UTILITIES PRIOR TO INSTALLATION.
4. ALL PLUMBING RELOCATION AND SHUT-DOWNS THAT WILL INTERRUPT SERVICE TO OCCUPIED AREAS BEYOND THE LIMITS OF CONSTRUCTION SHALL BE COMPLETED START-TO-FINISH (INCLUDING DEMOLITION, ASBESTOS ABATEMENT, NEW PIPING INSTALLATION, INSULATION, ETC) IN IMMEDIATE SECESSION TO LIMIT UNOCCUPANCY TO THE OWNER.
5. WHEN COMPLETING WORK OUTSIDE NORMAL CONSTRUCTION ZONE, THE CONTRACTOR MAY ONLY WORK ON TWO ROOMS AT A TIME TO LIMIT DISTURBANCES TO HOSPITAL STAFF. CONTRACTORS SHALL COORDINATE ALL WORK WITH FACILITY STAFF.
6. WHERE WORK EXTENDS BEYOND THE CONSTRUCTION LIMITS OF THE RENOVATED AREA, THIS CONTRACTOR SHALL PROVIDE ADDITIONAL INDOOR AIR QUALITY BOUNDARIES AS NECESSARY TO PERFORM THE INDICATED WORK.
7. ALL ABANDONED PLUMBING PIPING AND FIXTURES SHALL BE REMOVED, WHETHER SHOWN OR NOT, BY P.C. DEMOLITION DRAWINGS ARE INTENDED TO SHOW SCOPE OF WORK FOR PRICING BUT MAY NOT SHOW EVERYTHING TO BE REMOVED.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING UTILITIES TO ALL EXISTING AREAS WHERE THOSE AREAS ARE TO REMAIN OCCUPIED. EXTEND AND MAINTAIN TEMPORARY UTILITIES TO ALL EXISTING UTILITIES TO REMAIN WHETHER OR NOT THEY ARE SHOWN ON THE DOCUMENTS. COORDINATE ALL TEMPORARY UTILITIES WITH THE OWNER'S INFECTION CONTROL REPRESENTATIVE.
9. IN CASE OF CONFLICTS OR DISCREPANCIES WITHIN OR AMONG THE CONTRACT DRAWINGS, THE BETTER QUALITY, MORE STRINGENT REQUIREMENTS OR GREATER QUANTITY OF WORK, AS DETERMINED BY THE GOVERNMENT, SHALL BE PROVIDED.
10. CONTRACTOR SHALL INCLUDE SCANNING OF FLOOR FOR ALL FLOOR PENETRATIONS. CONTRACTOR SHALL VERIFY THE PRESENCE OF EXISTING CONDUIT IN THE EXISTING FLOOR SLABS PRIOR TO ANY WORK TAKING PLACE.
11. REFER TO COVER SHEET OF ARCHITECTURAL DRAWINGS FOR MATERIAL STAGING AREA.

Amendment No. 3	09/05/12
Revisions	Date

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Drawing Title

SCHEDULES - PLUMBING

Approved Project Director

Project Title

Building 111 - Radiation Oncology Expansion

Location

VA Medical Center, Milwaukee, WI

Date

20 August 2012

Checked

MJL

Drawn

DAS

Project Number

695-10-131

Building Number

111

Drawing Number

P500

Dwg. 3 of 3

Office of
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