

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

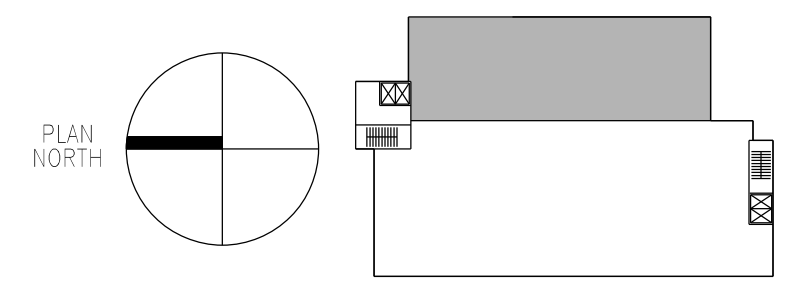
PLUMBING GENERAL NOTES

1. COORDINATE ROUTING AND ELEVATIONS OF PLUMBING PIPING WITH EXISTING STRUCTURE, EXISTING MEP SYSTEMS AND NEW WORK OF OTHER TRADES.

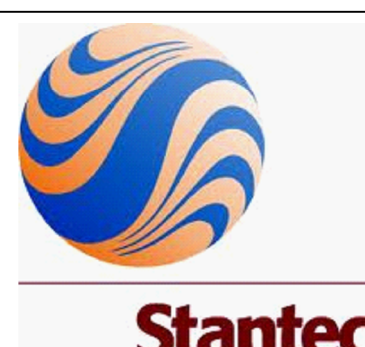


BASEMENT PLUMBING KEY NOTES

- 1 1-1/2" LAB WASTE FROM CUP SINK IN FUME HOOD ABOVE.
- 2 2" LAB WASTE FROM ABOVE.
- 3 4" LAB WASTE FROM LAB FLOOR DRAIN ABOVE.
- 4 1/2" TRAP PRIMER WATER FROM ABOVE.
- 5 4" SANITARY FROM ABOVE.
- 6 4" SANITARY UP TO FLOOR CLEANOUT ABOVE.
- 7 2" LAB WASTE UP TO FLOOR CLEANOUT ABOVE.
- 8 4" SANITARY DOWN TO BELOW FLOOR.
- 9 (2) 1/2" TRAP PRIMER WATER DOWN TO BELOW FLOOR.
- 10 4" LAB WASTE FROM WET LABS DOWN.
- 11 3" LAB WASTE VENT UP.
- 12 3/4" LAB COLD WATER DOWN TO HOSE BIBB.
- 13 1/2" TRAP PRIMER WATER DOWN TO BELOW FLOOR.

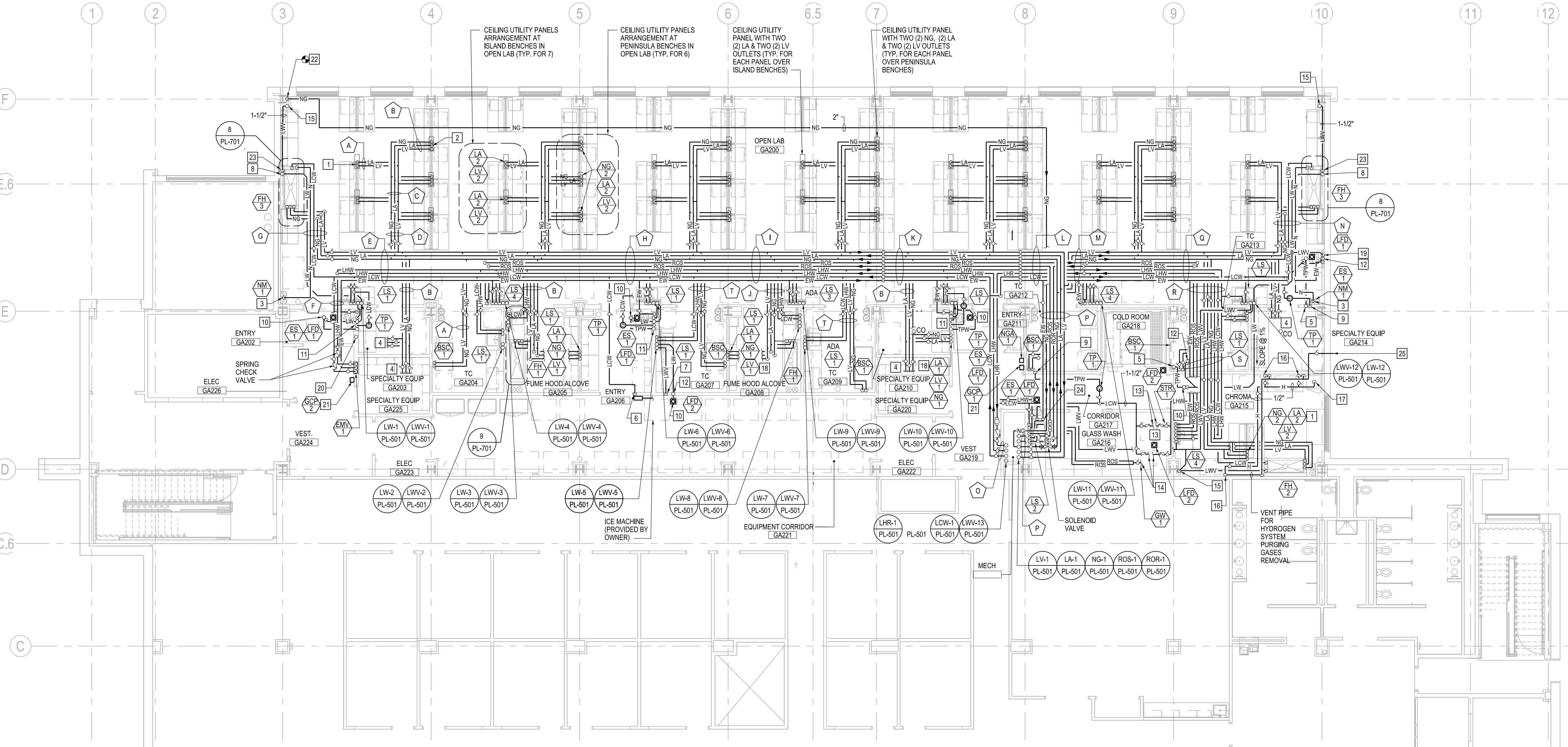
1 PLUMBING PLAN - BASEMENT
1/8"=1'-0"



KEY PLAN
BID DOCUMENTS
FULLY SPRINKLERED

CONSULTANTS:  Stantec Architecture and Engineering LLC 400 Morgan Center 101 E. Diamond Street Butler, PA 16011		ARCHITECT/ENGINEERS:  5700 Powel Grove Dr. Suite 100 Midlothian, Virginia 23112 (804) 282-2403 advetect.com A certified Service Disabled Veteran Owned Small Business (SDVOSE)		Approved VAPHS Director Approved: Associate Director Approved: ACOS/R&D	Approved: V.P. Facility Manager Approved: Manager Project Section Approved: Project Engineer	Drawing Title PLUMBING PLAN - BASEMENT Scale: 1/8" = 1' - 0" Building Number: 30 Drawn By: Checked By:	Project Title UNIVERSITY DRIVE RESEARCH OFFICE BUILDING WET LABS Location University Drive, Pittsburgh, PA 15240 Date 4/30/2013 AutoCAD File Number	Project Number 646-10-100 Contract Number VA244-P-1827 Drawing Number PL-10B Dwg. of	Office of Construction and Facilities Management 
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three eighths inch = one foot
one eighth inch = one foot
one quarter inch = one foot
one half inch = one foot
three quarters inch = one foot
one inch = one foot
one and one half inches = one foot
two inches = one foot
three inches = one foot
four inches = one foot
five inches = one foot
six inches = one foot
seven inches = one foot
eight inches = one foot
nine inches = one foot
ten inches = one foot
eleven inches = one foot
twelve inches = one foot
thirteen inches = one foot
fourteen inches = one foot
fifteen inches = one foot
sixteen inches = one foot
seventeen inches = one foot
eighteen inches = one foot
nineteen inches = one foot
twenty inches = one foot
twenty one inches = one foot
twenty two inches = one foot
twenty three inches = one foot
twenty four inches = one foot
twenty five inches = one foot
twenty six inches = one foot
twenty seven inches = one foot
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twenty nine inches = one foot
thirty inches = one foot
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eighty eight inches = one foot
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ninety inches = one foot
ninety one inches = one foot
ninety two inches = one foot
ninety three inches = one foot
ninety four inches = one foot
ninety five inches = one foot
ninety six inches = one foot
ninety seven inches = one foot
ninety eight inches = one foot
ninety nine inches = one foot
one hundred inches = one foot



1 PLUMBING PLAN - GROUND FLOOR
1/8"=1'-0"

GROUND FLOOR PIPE GROUP SIZING SCHEDULE

TAG	LCW	LHW	LHR	LW	LWV	ROS	ROR	EW	NG	LA	LV	N
A	—	—	—	—	—	—	—	—	—	1/2"	1/2"	—
B	—	—	—	—	—	—	—	—	1/2"	1/2"	3/4"	—
C	—	—	—	—	—	—	—	—	1/2"	1/2"	1"	—
D	—	—	—	—	—	—	—	—	3/4"	3/4"	1"	—
E	1/2"	(2) 2"	—	—	—	—	—	1-1/2"	1/2"	3/4"	1"	—
F	1-1/2"	1-1/2"	—	—	—	—	—	1-1/2"	—	—	—	—
G	1/2"	—	—	1-1/2"	—	—	—	—	1/2"	1/2"	3/4"	1/2"
H	1-1/2"	(2) 2"	—	—	—	(2) 1"	—	1-1/2"	1-1/4"	3/4"	1-1/4"	—
I	1-1/2"	(2) 2"	—	—	—	(2) 1"	—	1-1/2"	1-1/2"	3/4"	1-1/4"	—
J	1/2"	1/2"	—	—	—	(2) 1"	—	—	1/2"	1/2"	3/4"	—
K	2"	(2) 2"	—	—	—	(2) 1"	—	1-1/2"	1-1/2"	3/4"	1-1/2"	—
L	1"	2"	1/2"	—	—	(2) 1"	—	1-1/2"	1-1/2"	1"	2"	—
M	1"	2"	1/2"	—	—	1"	1"	1-1/2"	1"	3/4"	1-1/4"	—

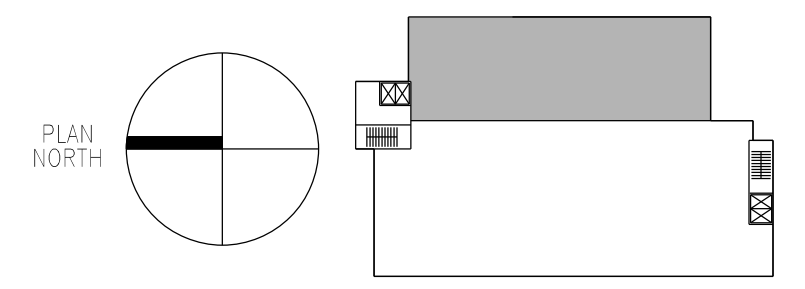
TAG	LCW	LHW	LHR	LW	LWV	ROS	ROR	EW	NG	LA	LV	N
N	1/2"	—	—	1-1/2"	—	—	—	—	1/2"	1/2"	3/4"	1/2"
O	2"	2"	1/2"	—	—	—	—	—	—	—	—	—
P	—	—	—	—	—	1"	1"	—	1-1/2"	1"	2"	—
Q	1"	(2) 1-1/2"	—	—	—	(2) 1"	—	1-1/2"	1/2"	3/4"	1"	—
R	1"	(2) 1-1/2"	—	—	—	(2) 1"	—	1/2"	1/2"	1/2"	3/4"	—
S	1"	(2) 1-1/2"	—	—	2"	(2) 1"	—	1/2"	1/2"	1/2"	3/4"	—
T	1/2"	1/2"	—	1-1/2"	1-1/2"	—	—	—	1/2"	—	3/4"	—

PLUMBING GENERAL NOTES

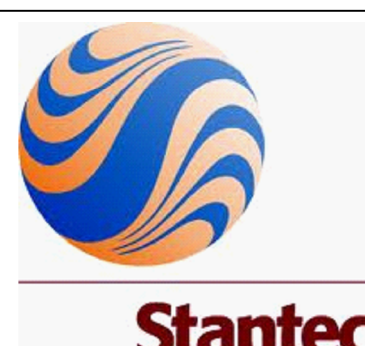


1. COORDINATE MOUNTING HEIGHTS OF PLUMBING PIPING WITH HVAC WORK. REFER TO COORDINATION SECTIONS ON HVAC DRAWING MH-20G.

GROUND FLOOR PLUMBING KEY NOTES

- 1/2" LAB AIR, AND 3/4" LAB VACUUM DOWN. PROVIDE ROUGH-IN AND FINAL CONNECTIONS TO CEILING UTILITY PANEL. (TYP. FOR ALL CEILING UTILITY PANELS OVER EACH ISLAND LAB BENCH).
- 1/2" NATURAL GAS, 1/2" LAB AIR AND 3/4" LAB VACUUM DOWN. PROVIDE ROUGH-IN AND FINAL CONNECTIONS TO CEILING UTILITY PANEL. (TYP. FOR ALL CEILING UTILITY PANELS OVER EACH PENINSULA LAB BENCH).
- 1/2" NITROGEN GAS UP TO ABOVE CEILING.
- 1/2" NATURAL GAS, 1/2" LAB AIR AND 3/4" LAB VACUUM, CAPPED (FOR FUTURE).
- 1/2" TRAP PRIMER WATER FROM ABOVE.
- 1/2" LAB COLD WATER DOWN TO FILTER ASSEMBLY. PROVIDE FILTERED WATER EXTENSION, APPURTENANCES AND FINAL CONNECTION TO ICE MACHINE. PROVIDE INDIRECT WASTE PIPING FROM ICE MACHINE TO FLOOR DRAIN LFD-1 (REFER TO DETAIL 10 ON DRAWING PL-701).
- 2" LAB WASTE VENT FROM BELOW FLOOR, AND UP.
- 1-1/2" LAB WASTE FROM CUP SINK IN FUME HOOD ABOVE.
- 1/2" TRAP PRIMER WATER DOWN TO BELOW FLOOR.
- 1" LAB WASTE FORM LAB FLOOR DRAIN ABOVE.
- 1-1/2" EMERGENCY TEPID WATER DOWN TO EMERGENCY SHOWER/ EYE - FACEWASH COMBINATION. 2" LAB WASTE DOWN TO BELOW FLOOR. 2" LAB WASTE VENT UP TO ABOVE CEILING. 2" LAB WASTE FROM ABOVE. 1-1/2" TRAP PRIMER WATER DOWN TO BELOW FLOOR. 1-1/2" TRAP PRIMER WATER FROM ABOVE.
- 2" LAB WASTE FROM ABOVE.
- 1" LAB COLD WATER AND 1/2" LAB HOT WATER DOWN. PROVIDE PIPING, APPURTENANCES, ROUGH-IN, AND FINAL CONNECTIONS TO STERILIZER. PROVIDE INDIRECT WASTE FROM STERILIZER TO FLOOR DRAIN. COORDINATE WORK WITH STERILIZER INSTALLER.
- 1" RO-WATER SUPPLY, 1" LAB COLD WATER AND 1" LAB HOT WATER DOWN. PROVIDE PIPING, APPURTENANCES, ROUGH-IN, AND FINAL CONNECTIONS TO GLASSWARE WASHER. PROVIDE INDIRECT WASTE FROM GLASSWARE WASHER TO FLOOR DRAIN. COORDINATE WORK WITH GLASSWARE WASHER INSTALLER.
- 1-1/2" LAB WASTE VENT UP TO ABOVE CEILING.
- 1/2" HYDROGEN GAS DOWN, TERMINATE AT 48" ABOVE FINISHED FLOOR, WITH SHUT-OFF VALVE AND PRESSURE REGULATOR.
- 1/2" HYDROGEN GAS FROM HYDROGEN CYLINDER STORAGE CABINET (PROVIDED BY OTHERS) UP TO ABOVE CEILING. PROVIDE PIPING, VALVES, PIPING COMPONENTS AND APPURTENANCES REQUIRED FOR A COMPLETE SYSTEM. INSTALLATION AND TESTING IN COMPLIANCE WITH 2009 INTERNATIONAL FUEL GAS CODE, CHAPTER 7 - GASEOUS HYDROGEN SYSTEMS.
- 1/2" NATURAL GAS, 3/4" LAB VACUUM AND 1/2" LAB AIR DOWN. PROVIDE ROUGH-IN AND FINAL CONNECTIONS TO RESPECTIVE SYSTEMS OUTLETS AT 48" ABOVE FINISHED FLOOR. VERIFY EXACT LOCATIONS OF OUTLETS WITH ARCHITECTURAL DRAWINGS. COORDINATE WORK WITH ELECTRICAL CONTRACTOR.
- 1-1/2" LAB WASTE FROM EYE-FACE WASH, 2" LAB WASTE DOWN TO BELOW FLOOR. 2" LAB WASTE VENT UP TO ABOVE CEILING. 2" LAB WASTE FROM ABOVE. 1-1/2" EMERGENCY TEPID WATER DOWN TO EMERGENCY SHOWER/ EYE-FACE WASH COMBINATION.
- 4" SANITARY FORM ABOVE, AND DOWN TO BASEMENT.
- PROVIDE NATURAL GAS EMERGENCY SHUT-OFF CONTROLLER. ALL APPURTENANCES AND WIRING TO SOLENOID VALVE, AS REQUIRED FOR A COMPLETE ASSEMBLY. REFER TO SPECS 221124 - 2.4 FOR ADDITIONAL INFORMATION.
- CONNECT TO EXISTING NATURAL GAS STUBOUT (PROVIDED UNDER ROB BASE BUILDING DESIGN). SET REGULATOR AT BUILDING WALL @ 7" W.C. MIN.)
- 1-1/2" LAB WASTE FROM CUP SINK IN FUME HOOD DOWN TO BELOW FLOOR. 1-1/2" LAB WASTE VENT UP TO BELOW COUNTERTOP.
- 1-1/2" LAB WASTE FROM EYE-FACE WASH, 2" LAB WASTE DOWN TO BELOW FLOOR. 2" LAB WASTE VENT UP TO 1-1/2" EMERGENCY TEPID WATER DOWN TO EMERGENCY SHOWER/ EYE-FACE WASH COMBINATION.
- PROVIDE DISCHARGE OF HYDROGEN SYSTEM PURGING GASES AT 8 FT (MINIMUM) ABOVE ADJACENT GROUND LEVEL. VENT TERMINAL SHALL BE LOCATED AT 5 FT (MINIMUM) AWAY FROM BUILDING OPENINGS AND MUST NOT BE OBSTRUCTED BY BUILDING FEATURES OR OTHER ELEMENTS.



KEY PLAN
BID DOCUMENTS
FULLY SPRINKLERED

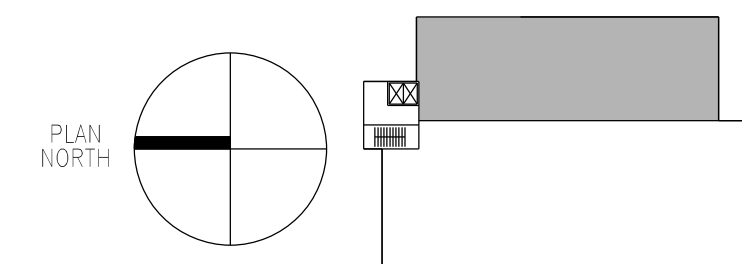
CONSULTANTS:  Stantec Architecture and Engineering LLC 400 Morgan Center 101 E. Diamond Street Butler, PA 16011		ARCHITECT/ENGINEERS:  5700 Powel Grove Dr. Suite 100 Midlothian, Virginia 23112 (804) 282-2403 advetect.com A certified Service Disabled Veteran Owned Small Business (SDVOSE)		Approved: VAPHS Director Approved: Associate Director Approved: ACOS/R&D		Approved: V.P. Facility Manager Approved: Manager Project Section Approved: Project Engineer		Drawing Title PLUMBING PLAN - GROUND FLOOR Scale: 1/8" = 1' - 0" Drawing By:		Project Title UNIVERSITY DRIVE RESEARCH OFFICE BUILDING WET LABS Location University Drive, Pittsburgh, PA 15240 Date 4/30/2013 AutoCAD File Number		Project Number 646-10-100 Contract Number VA244-P-1827 Drawing Number PL-10G Dwg. of		Office of Construction and Facilities Management 	
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TAG	LCW	LHW	LHR	LW	LWV	ROS	ROR	EW	NG	LA	LV	N
A	—	—	—	—	—	—	—	—	—	1/2"	1/2"	—
B	—	—	—	—	—	—	—	—	1/2"	1/2"	3/4"	—
C	—	—	—	—	—	—	—	—	1/2"	1/2"	1"	—
D	—	—	—	—	—	—	—	—	3/4"	3/4"	1"	—
E	1/2"	(2) 2"	—	—	—	—	—	1-1/2"	1/2"	3/4"	1"	—
F	1-1/2"	1-1/2"	—	—	—	—	—	1-1/2"	—	—	—	—
G	1/2"	—	—	1-1/2"	—	—	—	—	1/2"	1/2"	3/4"	1/2"
H	1-1/2"	(2) 2"	—	—	—	(2) 1"	—	1-1/2"	1-1/4"	3/4"	1-1/4"	—
I	1-1/2"	(2) 2"	—	—	—	(2) 1"	—	1-1/2"	1-1/2"	3/4"	1-1/4"	—
J	1/2"	1/2"	—	—	—	(2) 1"	—	—	1/2"	1/2"	3/4"	—
K	2"	(2) 2"	—	—	—	(2) 1"	—	1-1/2"	1-1/2"	3/4"	1-1/2"	—
L	1"	2"	1/2"	—	4"	(2) 1"	—	1-1/2"	1-1/2"	1"	2"	—
M	1"	2"	1/2"	—	—	1"	1"	1-1/2"	1"	3/4"	1-1/4"	—

1. COORDINATE MOUNTING HEIGHTS OF PLUMBING PIPING WITH HVAC WORK. REFER TO COORDINATION SECTIONS ON HVAC DRAWING MH-201.

1	1/2" LAB AIR, AND 3/4" LAB VACUUM DOWN. PROVIDE ROUGH-IN AND FINAL CONNECTIONS TO CEILING UTILITY PANEL. (TYP. FOR ALL CEILING UTILITY PANELS OVER LAB BENCH).
2	1/2" NATURAL GAS, 1/2" LAB AIR AND 3/4" LAB VACUUM DOWN. PROVIDE ROUGH-IN AND FINAL CONNECTIONS TO CEILING UTILITY PANEL. (TYP. FOR ALL CEILING UTILITY PANELS OVER EACH PENNSULA LAB BENCH).
3	1/2" NITROGEN GAS UP TO ABOVE CEILING.
4	1/2" NATURAL GAS, 1/2" LAB AIR AND 3/4" LAB VACUUM. (CAPPED FOR FUTURE).
5	1/2" TRAP PRIMER WATER DOWN FROM ABOVE.
6	1/2" LAB COLD WATER DOWN TO FILTER ASSEMBLY. PROVIDE FILTERED WATER EXTENSION, APPURTENANCES AND FINAL CONNECTION TO ICE MACHINE. PROVIDE INDOOR WASTE PRIVES FROM ICE MACHINE TO FLOOR DRAIN (SEE REFER TO DETAIL 10N DRAWING P-701).
7	2" LAB WASTE FROM BELOW FLOOR, DOWN, AND UP.
8	1-1/2" LAB WASTE FROM CUP SINK IN FUME HOOD. DOWN TO BELOW FLOOR. 1-1/2" LAB WASTE VENT UP TO BELOW COUNTERTOP.
9	1/2" TRAP PRIMER WATER DOWN TO BELOW FLOOR.
10	1-1/2" EMERGENCY TRIP WATER DOWN TO EMERGENCY SHOWER EYE-FACE WASH COMBINATION. 1-1/2" LAB WASTE FROM EYE-FACE WASH. 2" LAB WASTE DOWN TO BELOW FLOOR. 2" LAB WASTE VENT UP TO ABOVE CEILING. 1/2" TRAP PRIMER WATER DOWN TO BELOW FLOOR.
11	2" VENT UP.
12	4" SANITARY FROM FLOOR DRAIN ABOVE.
13	4" SANITARY DOWN TO BELOW FLOOR.
14	4" SANITARY UP TO FLOOR CLEANOUT.
15	1/2" NATURAL GAS, 3/4" LAB VACUUM AND 1/2" LAB AIR DOWN. PROVIDE ROUGH-IN AND FINAL CONNECTIONS TO RESPECTIVE SYSTEMS' OUTLETS AT 48" ABOVE FINISHED FLOOR. VERIFY EXACT LOCATIONS OF OUTLETS WITH ARCHITECTURAL DRAWINGS. COORDINATE WORK WITH ELECTRICAL CONTRACTOR.
16	1/2" LAB HOT WATER, 1/2" LAB COLD WATER AND 1-1/2" LAB WASTE - CAP AT IN FRONT OF WALL (FOR FUTURE SINK).
17	1-1/2" EMERGENCY TRIP WATER DOWN TO EMERGENCY SHOWER EYE-FACE WASH COMBINATION. 1-1/2" LAB WASTE FROM EYE-FACE WASH. 2" LAB WASTE DOWN TO BELOW FLOOR. 2" LAB WASTE VENT UP TO ABOVE CEILING.
18	PROVIDE NATURAL GAS EMERGENCY SHUT-OFF CONTROLLER, ALL APPURTENANCES AND WIRING TO SOLENOID VALVE, AS REQUIRED FOR A COMPLETE ASSEMBLY. REFER TO SPECS 221124 - 2.4 FOR ADDITIONAL INFORMATION.
19	1-1/2" LAB WASTE FROM BELOW FLOOR, DOWN AND UP TO ABOVE CEILING.
20	4" LAB WASTE VENT UP.



KEY PLAN

BID DOCUMENTS
FULLY SPRINKLERED

Office of
Construction
and Facilities
Management

 Department of
Veterans Affairs

CONSULTANTS:



Stantec Architecture and Engineering LLC
400 Morgan Center
101 E. Diamond Street
Butler, PA. 16001

ARCHITECT/ENGINEERS:

ADVETECT 

5700 Powell Grove Dr. Suite 100
Midlothian, Virginia 23112
(804) 282-2403
advetect.com

A certified Service Disabled Veteran Owned Small Business (SDVOSB)

Approved: VAPHS Director

Approved: V.P. Facility Manager

Approved: Associate Director

	Approved: Manager Project Section
--	-----------------------------------

Approved: ACOS/R&D

	Approved: Project Engineer

	Drawing Title
--	---------------

PLUMBING PLAN - FIRST FLOOR

Scale: $1/8" = 1' - 0"$

Drawn By:

Project Title

UNIVERSITY DRIVE RESEARCH
OFFICE BUILDING
WET LABS

Location	University Drive, Pittsburgh, PA 15240
----------	--

Date

AutoCAD File Number

Project Number

646-10-100

Contract Number
VA244-P-1827

	Drawing Number

PL-1

Dwg. of

2ND FLOOR PLUMBING KEY NOTES

- 1 2" VENT UP, 3" VENT UP THROUGH ROOF.
2 2" VENT FROM BELOW FLOOR, AND UP.
3 1/2" TRAP PRIMER WATER DOWN TO BELOW FLOOR.
4 4" LAB WASTE VENT UP THROUGH ROOF.
5 4" LAB WASTE VENT FROM BELOW FLOOR, AND UP.
6 3/4" LAB COLD WATER DOWN TO HOSE BIBB.
7 3" LAB WASTE VENT UP THROUGH ROOF.
8 3" VACUUM EXHAUST UP THROUGH ROOF. TERMINATE WITH GOOSENECK TURNED DOWN, AT 3 FT ABOVE ROOF. PROVIDE VERMIN SCREEN AT TERMINAL.

1 PLUMBING PLAN - SECOND FLOOR

1/8"=1'-0"

CONSULTANTS:



Stantec Architecture and Engineering LLC
400 Morgan Center
101 E. Diamond Street
Butler, PA 16011

ARCHITECT/ENGINEERS:



5700 Powel Grove Dr. Suite 100
Midlothian, Virginia 23112
(804) 282-2403
advetect.com

A certified Service Disabled Veteran Owned Small Business (SDVOSB)

Approved: VAPHS Director

Approved: Associate Director

Approved: ACOS/R&D

Approved: VP, Facility Manager

Approved: Manager Project Section

Approved: Project Engineer

Drawing Title

PLUMBING PLAN -
SECOND FLOOR

Scale:
1/8" = 1' - 0"

Drawn By:

Building Number:
30

Checked By:

Project Title

UNIVERSITY DRIVE RESEARCH
OFFICE BUILDING
WET LABS

Location

University Drive, Pittsburgh, PA 15240

Date

4/30/2013

AutoCAD File Number

Project Number

646-10-100

Contract Number

VA244-P-1827

Drawing Number

PL-102

Dwg. of

KEY PLAN

BID DOCUMENTS
FULLY SPRINKLERED

Office of
Construction
and Facilities
Management



1 LAB WATER SERVICE ASSEMBLY SCHEMATIC

2 REVERSE OSMOSIS WATER SYSTEM ASSEMBLY SCHEMATIC

3 ACID NEUTRALIZATION TANK SCHEMATIC

4 INSTANTANEOUS STEAM WATER HEATER ASSEMBLY INSTALLATION SCHEMATIC
NOT TO SCALE

5 MIXING VALVE ASSEMBLY SCHEMATIC
NOT TO SCALE

6 TRAP PRIMER PIPING SCHEMATIC
NOT TO SCALE





NOTES:

1. SPACING & MATERIALS OF SUPPORTS, AND ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF THE INTERNATIONAL PLUMBING CODE AND VA SPECIFICATIONS.
2. SERVICES & SIZES VARY - REFER TO PLUMBING FLOOR PLANS.
3. PROVIDE PIPE WRAPPING WITH FLEXIBLE ELASTOMER MATERIAL AT SUPPORTS AND CLAMPS TO AVOID METAL TO METAL CONTACT.

8 FUME HOOD IN OPEN LAB PIPING SCHEMATIC
NOT TO SCALE

9 TYP. FUME HOOD AND CASEWORK WITH SINK PIPING SCHEMATIC
NOT TO SCALE

10 ICE MAKER WATER FILTER ASSEMBLY PIPING SCHEMATIC
NOT TO SCALE

		<div>CONSULTANTS:</div> <div><div><div>Stantec Architecture and Engineering LLC 400 Morgan Center 101 E. Diamond Street Butler, PA 16011</div></div><div></div></div>	<div>ARCHITECT/ENGINEERS:</div> <div><div><div>ADVETECT</div><div></div></div><div>5700 Powell Grove Dr. Suite 100 Midlothian, Virginia 23112 (804) 282-2403 advetect.com</div><div>A certified Service Disabled Veteran Owned Small Business (SDVOSB)</div></div>	<div>Approved: VAPHS Director</div> <div>Approved: V.P. Facility Manager</div> <div>Drawing Title</div> <div>PLUMBING DETAILS</div> <div>Scale: NTS</div> <div>Building Number: 30</div> <div>Drawn By:</div> <div>Checked By:</div>	<div>Project Title</div> <div>UNIVERSITY DRIVE RESEARCH OFFICE BUILDING WET LABS</div> <div>Date</div> <div>4/30/2013</div> <div>AutoCAD File Number</div>	<div>Project Number</div> <div>646-10-100</div> <div>Contract Number</div> <div>VA244-P-1827</div> <div>Drawing Number</div> <div>PL-701</div> <div>Dwg. of</div>	<div>Office of Construction and Facilities Management</div> <div> Department of Veterans Affairs</div>	
				<div>Approved: Associate Director</div> <div>Approved: Manager Project Section</div>				
Revisions:	Date			<div>Approved: ACOS/R&D</div> <div>Approved: Project Engineer</div>				