DWV RISERS

NTS

Change in direction in Schedule 40 DWV –PVC and ABS drainage piping shall be made by the appropriate use of 45° (0.785 rad) wyes, quarter bends or long sweep quarter bends, one–sixth, one–eighth, one–sixteenth bends, or by a combination of these or equivalent fittings. Single and double sanitary tees and quarter bends may be used in drainage lines only where the direction of flow is from the horizontal to the vertical.

Short sweeps nat less than 3 inches diameter may be used in soil and waste lines where the change in direction of flow is from the horizontal to the vertical and may be for making necessary offsets between the ceiling and the next floor above.

WATER SUPPLY

NTS

ALL STUB UPS 1/2" MINIMUM

SIZING BASED ON INLET PRESSURE BETWEEN 50 TO 60 PSI

SUPPLY LINES

COLD LINE _____

HOT LINE – – – – – – – – – –

STANDARD 6.5 EEMAX WITH RESTROOM

ELECTRICAL SCHEDULE

CIRCUIT	NOMENCLATURE	BREAKER (AMPS)	WIRE (C.U.)
1/3	HVAC	60 A (2P) HACR TYPE	6–2 SE W/10 GND
8/10	W/H	30 A (2P)	10–2 NM
2,4,5,6	LIGHTS, FANS, AND RECEPTACLES	20 A	12–2 NM

ELECTRICAL PANEL SIZING

DESCRIPTION	SUBPANEL	KVA
GENERAL LIGHTING		
.0035 KW/SF X 431 SF X 1.25=		__1.89__
_12_ RECEPTS AT 180V/1000=		__2.16__
WATER HEATERS		__6.50__
_02_ FANS AT .3 KW X 1.25=		__0.75
HVAC		_10.75__
OTHER J BOX		__–.––
TOTAL _22.05_		
TOTAL/240 X 1000= _91.9_		
INSTALL __100__AMP PANEL		
120/240 V 1ø		

DRY UNIT

ELECTRICAL SCHEDULE

CIRCUIT	NOMENCLATURE	BREAKER (AMPS)	WIRE (C.U.)
1/3	HVAC	60 A (2P) HACR TYPE	6–2 SE W/10 GND
---	W/H	30 A (2P)	10–2 NM
2,4,5,6	LIGHTS, FANS, AND RECEPTACLES	20 A	12–2 NM

ELECTRICAL PANEL SIZING

DESCRIPTION	SUBPANEL	KVA
GENERAL LIGHTING		
.0035 KW/SF X 431 SF X 1.25=		__1.89__
_13_ RECEPTS AT 180V/1000=		__2.34__
WATER HEATERS		__–.––
_01_ FANS AT .3 KW X 1.25=		__0.38__
HVAC		__10.75__
OTHER J BOX		__–.––
TOTAL _15.36_		
TOTAL/240 X 1000= _64.00_		
INSTALL __100__AMP PANEL		
120/240 V 1ø		

WIDE OPEN UNIT

ELECTRICAL SCHEDULE

CIRCUIT	NOMENCLATURE	BREAKER (AMPS)	WIRE (C.U.)
1/3	HVAC	60 A (2P) HACR TYPE	6–2 SE W/10 GND
---	W/H	30 A (2P)	10–2 NM
2,5,6,7	LIGHTS, FANS, AND RECEPTACLES	20 A	12–2 NM
4	OPEN		

ELECTRICAL PANEL SIZING

DESCRIPTION	SUBPANEL	KVA
GENERAL LIGHTING		
.0035 KW/SF X 431 SF X 1.25=		__1.89__
_10_ RECEPTS AT 180V/1000=		__1.80__
WATER HEATERS		__–.––
_01_ FANS AT .3 KW X 1.25=		__0.38__
HVAC		__10.75__
OTHER J BOX		__–.––
TOTAL _14.82_		
TOTAL/240 X 1000= _61.80_		
INSTALL __100__AMP PANEL		
120/240 V 1ø		

LEGEND:

1. LAVATORY
2. ACCESSIBLE WATER CLOSET
3. 42" GRAB BAR
4. 36" GRAB BAR
5. TOILET PAPER HOLDER (ADA)
6. MIRROR TILTED (ADA)
7. 18" VERTICAL GRAB BAR

3 ADDITION BLOCKING REQUIRED IN WALL FOR 42" GRAB BAR @ 1'–0" ℄ AND 4'–6" ℄ OFF OF WALL, 2'–8" A.F.F

4 ADDITION BLOCKING REQUIRED IN WALL FOR 36" GRAB BAR @ 4" TO 6" ℄ AND 4'–0" ℄ OFF OF WALL, 2'–8" A.F.F.

3 ADDITION BLOCKING REQUIRED IN WALL FOR 42" GRAB BAR @ 1'–0" ℄ AND 4'–6" ℄ OFF OF WALL, 2'–8" A.F.F

4 ADDITION BLOCKING REQUIRED IN WALL FOR 36" GRAB BAR @ 4" TO 6" ℄ AND 4'–0" ℄ OFF OF WALL, 2'–8" A.F.F.

INTERIOR ELEVATIONS – (RESTROOM LAYOUT

EMC APPROVED 09 09 2016

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 03/12/18

VOID

September 8, 2016

FOR CONNECTICUT

ARTHUR L. KAY, R.A.
5521 TERRAIN DE GOLF DRIVE
LUTZ, FL 33558

PROFESSIONAL CERTIFICATION:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 8588
EXPIRATION DATE: 6–6–18

ModSpace

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DATE: 8–19–16
CODES: MULTI STATE
LABELS:
SCALE: NTS
REVISIONS:
DRAWN BY: BJS
CHECKED BY:

PLUMBING SUPPLY AND DWV ISOMETRICS AND INTERIOR ELEVATIONS
MODSPACE STOCK SINGLE WIDE (10'x44')
PLAN NO. MOS–1044 (Stock – NE)
SHEET 8 OF 10

JAMES E. BRADLEY, P.E. CONSULTING ENGINEER
1765 CARNEGIE AVENUE
CLEARWATER, FL 33756
REVISIONS: