



M. OLIVARES drawn by: D. GRAHAM checked by: file name:

August 15, 2019

M-501

QTY.	FIXTURE	# of Compart.	Compart.	Compart.	Compart.	Cubic Content Inches	Capacity in Gallons	Actual Drainage Load
1	3-comp sink	3	16	20	12	11520	49.87	37.4
			0	0	0	0	0	
			0	0	0	0	0	
						0	0	
						0	0	
						0	0	
						0	0	
						0	0	
-						0	0	
						0	0	
-			-			0	0	
-			-		-	0	0	
-				-		0	0	
-			+		-	0	0	
						0	0	
-					1	0	0	-
2	Flr. Drain/Sinks	1					37.5	7
							Total Actual Drainage Load	112.4
	1 Minute Drain Period	112.40						
	2 Minute Drain Period	56.20						

SYMBOL LEGEND				
ABBR.	SYMBOL	DESCRIPTION		
		EQUIPMENT DESIGNATION		
		KEYED NOTES		
TYP		TYPICAL		
FCO		FLOOR CLEANOUT		
wco	<u></u>	WALL CLEANOUT		
VTR	0	VENT THRU ROOF		
	+ 5	RISER DOWN		
	—ю	RISER UP		
		DROP		
	─	RISER UP		
НВ		HOSE BIBB / WALL HYDRANT		
CW		COLD WATER LINE		
HW		HOT WATER LINE		
HWR		CIRCULATING HOT WATER		
V		VENT PIPING		
S	s	SANITARY SEWER OR WASTE LINE		
GI	—— GI ——	GREASE SEWER OR WASTE LINE		
G	— G —	GAS PIPING		
D	— D —	CONDENSATE DRAIN LINE		
FD		FLOOR DRAIN		
FS	×	FLOOR SINK		
CAP		CAP ON END OF PIPE		
	——————————————————————————————————————	FLANGED CONNECTION		
		VALVE IN RISER		
		THERMOMETER		
	<u> </u>	PRESSURE GAUGE		
	<u> </u>	FLOW SWITCH		
	<u> </u>	PRESSURE GAUGE W/ GAUGE COCK		
	─ ₩─	GATE VALVE		
	─ ──	GLOBE VALVE		
	─	CHECK VALVE		
	——I⊽I——	PLUG VALVE		
		CONTROL VALVE (THREE-WAY)		
	—☆┐ —	CONTROL VALVE (TWO-WAY)		
		RELIEF VALVE PRESSURE REDUCING VALVE		
	—б—			
		BALL VALVE BALANCING VALVE (BV)		
		STRAINER		
		UNION		

	PLUMBING FIXTURE/EQUIPMENT SCHEDULE
SYMBOL	DESCRIPTION
wco	WALL CLEANOUT: J.R. SMITH 4530-Y CAST IRON C.O. TEE WITH BRASS PLUG AND ROUND STAINLESS STEEL ACCESS COVER WITH VANDAL PROOF SCREW.
FCO	FLOOR CLEANOUT: J.R. SMITH 4023, CAST IRON C.O., WITH ROUND SCORIATED TOP
TMV	THERMOSTATIC MIXING VALVE: LEONARD MODEL 270-LF-BRKT-BV CAPABLE OF .25 GPM TO 12 GPM AT 25 PSI PRESSURE DROP WITH 1/2" CONNECTIONS, BRONZE BODY, THERMOSTAT, WITH LOCKING TEMPERATURE ADJUSTMENT, MOUNTING BRACKET, CABINET WITH STEEEL BAKED ENAMEL CONSTRUCTION, HINGED HARD DOOR AND CYLINDER LOCK. TEMPERATURE LIMITED TO 110°F.
FD	FLOOR DRAIN: J.R. SMITH 2005-U, CAST IRON BODY WITH NICKEL BRASS STRAINER, CLAMPING COLLAR, VANDAL-PROOF SCREWS, COMPLETE WITH TRAP GUARD (TG), SIZE TO MATCH FLOOR DRAIN.
	TRAP 3" VENT 2" CW - HW -
FS	FLOOR SINK: ZURN - SANI-FLOOR RECEPTOR, MODEL Z-1930, 8" X 4" X 4" DEEP CAST IRON BODY AND RECTANGULAR SQUARE HOLE , LIGHT DUTY GRATE1/2 GRATE, COMPLETE WITH TRAP GUARD, SIZE TO MATCH FLOOR SINK.
	TRAP VENT 2"
TG	TRAP GUARD: SURE SEAL INLINE TRAP SEALER, SIZE TO MATCH FLOOR SINK / FLOOR DRAIN PER PLANS.
WHA	WATER HAMMER ARRESTOR: STAINLESS STEEL CONSTRUCTION, PRE-CHARGED, PERMANENTLY SEALED. PIPE SIZE: 1", P.D.I. UNIT RATING: 12-32, MFG.: JAY R. SMITH FIG. NO. 5010.
BFP	BACKFLOW PREVENTOR: WATTS SERIES LF009 REDUCED PRESSURE BACKFLOW PREVENTION DEVICE, LEAD FREE, TWO IN-LINE CHECK VALVES, CAPTURED SPRINGS AND REPLACEABLE CHECK SEATS WITH AN INTERMEDIATE RELIEF VALVE, WORKING PRESSURE UP TO 175 PSI AND WATER TEMPERATURES OF 33 F TO 180 F, USC APPROVED. FURNISH WITH AG-1 AIR GAP DRAIN AND PIPE FULL SIZE TO FLOOR SINK, 2" SIZE.
WH	WATER HEATER: RHEEM ADVANTAGE PLUS GAS WATER HEATER MODEL HE80-160, TANK TYPE WATER HEATER, 80 GALLON CAPACITY, 184 GPH RECOVERY AT 100 DEGREE F RISE, HAVING AN INPUT RATING OF 160,000 BTU/H (NATURAL GAS), 95% THERMAL EFFICIENCY, 3" PVC/CPVC INTAKE AND EXHAUST WITH CONCENTRIC VENT KIT. ELECTRIC REQUIREMENTS 120V POWER SOURCE. WATER HEATER SHALL MEETS THERMAL EFFICIENCY REQUIREMENTS. OUTPUT TEMPERATURE SET TO 140 DEGREES F. CONNECTIONS: 1-1/2" COLD WATER INLET AND 1-1/2" HOT WATER OUTLET.
ET	EXPANSION TANK: AMTROL ST-C SERIES MODEL ST-12-C PRE-PRESSURIZED TANK WITH SEALED IN AIR CHARGE OF 55 PSI. SIZE: TANK VOLUME=6.4 GAL., 3.2 GAL MAXIMUM RECOMMENDED ACCEPTANCE VOLUME.
GI	GREASE INTERCEPTOR: SCHIER POLYETHYLENE GREASE INTERCEPTOR, MODEL GB-75 CAPABLE OF 75 GPM AND 125 GALLON CAPACITY, COMPLETE WITH RISER, ADAPTER, FINISH GRADE COVER AND ALL ACCESSORIES REQUIRED FOR A COMPLETE OPERATING UNIT, COMPLETE WITH EXTENSION AS REQUIRED, 4" INLET, 4" OUTLET.
	TRAP VENT 2"
RH	ROOF HYDRANT: WOODFORD RHY2, FREEZELESS ROOF HYDRANT, 50HF WITH 3/4" HOSE CONNECTION, 1" NPT FEMALE INLET CONNECTION, 1-1/4" GALVANIZED PIPE CASING, 1/8" NPT DRAIN HOLE (DRAIN AND ROUTE TO MOP BASIN), MOUNTING SYSTEM. INSTALL PER MANUFACTURE'S RECOMMENDATIONS.
	TRAP - VENT - CW 1" HW -

GENERAL PLUMBING NOTES

- A. ALL PIPING SHALL BE CONCEALED WHERE POSSIBLE. ALL EXPOSED PIPING, WHERE CONCEALMENT IS NOT POSSIBLE, SHALL BE INSTALLED AND PAINTED AS DIRECTED BY THE ARCHITECT.
- B. ALL PIPING SHALL BE INSULATED, SEE SPECIFICATIONS.
- C. ALL BRANCHES SHALL BE VALVED AND ALL VALVES SHALL HAVE UNIONS ADJACENT. ACCESS PANELS AND DOORS SHALL BE FURNISHED TO GENERAL CONTRACTOR FOR INSTALLATION AND ACCESS TO VALVES WHERE REQUIRED. LOCATE ADDITIONAL VALVES AS SHOWN ON DRAWINGS. SEE SPECIFICATIONS FOR ACCESS DOOR REQUIREMENTS.
- D. ALL PIPING SHALL PITCH TO DRAIN, AND CONTRACTOR SHALL PROVIDE VALVING FOR SYSTEM DRAINAGE. CONTRACTOR SHALL DELIVER A MARKED-UP SET OF PLANS TO THE OWNER (PRIOR TO FINAL PAYMENT) SHOWING ALL BRANCH VALVES AND ALL DRAINAGE POINTS.
- E. CARE SHALL BE TAKEN TO AVOID MECHANICAL DUCTWORK, ELECTRICAL EQUIPMENT AND AIR HANDLING EQUIPMENT ABOVE CEILING. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ROUTING OF PIPING WITH CEILING CONTRACTOR AND SHEET METAL CONTRACTOR. RELOCATION OF PIPING AS A RESULT OF POOR COORDINATION BY THIS CONTRACTOR SHA**LL** BE AT HIS OWN EXPENSE.
- F. NO WATER PIPING SHALL BE LOCATED IN OUTSIDE WALLS, UNLESS SHOWN TO BE AND THEN PIPING TO BE INSULATED AND LOCATED AS CLOSE AS POSSIBLE TO INSIDE OF WALL CAVITY WITH ADDITIONAL INSULATION BETWEEN PIPING AND EXTERIOR OF WALL.
- G. WRITTEN PRIOR APPROVAL REQUIRED FOR ALL PROPOSED SUBSTITUTIONS OF EQUIPMENT AND MATERIALS, RECEIVED BY ENGINEER, 10 DAYS PRIOR TO BID DATE OF PROJECT TO ALLOW ADEQUATE TIME FOR REVIEW AND RESPONSE.
- H. ALL TRENCHING AND BACKFILL FOR PIPING SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR.
- WEIGHT HUB AND SPIGOT CAST IRON.

I. ALL SEWER PIPING BELOW FLOOR SLAB (BELOW GRADE) SHALL BE STANDARD

- J. ALL PIPE PENETRATIONS THRU FIRE-RATED ASSEMBLIES SHALL BE SLEEVED AND SEALED WITH CODE-APPROVED FIRE BARRIER MATERIALS.
- K. SECURE ALL PIPING TO WALLS FOR A RIGID INSTALLATION WITH UNISTRUT BRACKETS AND GASKETED PIPE CLAMPS.

PLUMBING FIXTURE/FOURAVERRS VIETURE

CITY OF ALBUQUERQUE PLANNING

SYMBOL	DES RIP be sonstrued to be a permit for any violations of any code or ordinance
WC-1	WATER CLOSET: AMERICAN STANDARD "MADERANT AN 'BE 2009 2627 M. CO1, 1.0 GPF, FLOOR MOUNTED, HIGH EFFICIENCY, SIPHON JET, ATRICOLO ON NA, E'LO SOATED RIM BOLT CAPS (15" RIM HEIGHT), 1-1/2" TOP SPUD, SLOAN ROYAL 114 6 69/13/1960 VALVE, "SOREWDRIVER ANGLE STOP AND FLUSH CONNECTION, SOLID OF PLASTIC SEAT WITH OPEN FRONT, EXTENDED BACK AND SELF-SUSTAINING CHECK HIR SEATE SEATE OF SITE FOR AIR OF SITE
	TRAP 4" VENT 2" CW 1" HW
WC-2	WATER CLOSET: AMERICAN STANDARD "MADERA 16.5" H EL 3461.001 1.6 GPF, FLOOR MOUNTED, HIGH EFFICIENCY, SIPHON JET, VITREOUS CHINA, ELONGATED RIM, BOLT CAPS (16.5" RIM HEIGHT), 1-1/2" TOP SPUD, SLOAN ROYAL 111 1.6 GPF FLUSH VALVE, 1" SCREWDRIVER ANGLE STOP AND FLUSH CONNECTION, SOLID WHITE PLASTIC SEAT WITH OPEN FRONT, EXTENDED BACK AND SELF-SUSTAINING CHECK HINGE, LESS COVER. UNIT SHALL MEET ALL ADA REQUIREMENTS FOR THE PHYSICALLY CHALLENGED.
	TRAP 4" VENT 2" CW 1" HW
UR	URINAL: AMERICAN STANDARD "LYNBROOK" 6601.012 1.0 GPF, VITREOUS CHINA, WALL URINAL, 3/4" TOP SPUD, JR SMITH NO. 0636 URINAL SUPPORT, SLOAN 8186-1.0 BATTERY-OPERATED 1.0 GPF FLUSH VALVE WITH VACUUM BREAKER, SCREWDRIVER ANGLE STOP AND FLUSH CONNECTION. UNIT SHALL MEET ALL ADA REQUIREMENTS FOR THE PHYSICALLY CHALLENGED. COLOR WHITE.
	TRAP 2" VENT 1-1/2" CW 3/4" HW -
LAV	LAVATORY: AMERICAN STANDARD "LUCERNE" 0355.012 VITREOUS CHINA LAVATORY WITH BACK, FRONT OVERFLOW, DRILLED FOR JR SMITH 0700 FLOOR SUPPORTED CARRIER WITH CONCEALED ARMS, 5402.172H HERITAGE SUPPLY FITTING WITH .5 GPM AERATOR, INDEXED HANDLES AND GRID DRAIN, CHROME PLATED CAST BRASS ANGLE SUPPLIES WITH LOOSE KEY STOPS, AND CHROME PLATED CODE APPROVED ADJUSTABLE "P" TRAP WITH WASTE TO WALL, INSTALL FOR WHEELCHAIR USE. INSULATE ALL WATER PIPING AND TRAP BELOW LAVATORY WITH PLUMBEREX "PRO-EXTREME UNDER LAV. PROTECTOR, LAVATORY SIZE 20" X 18".
	TRAP 1-1/4" VENT 1-1/2" CW 1/2" HW 1/2"
HS	HAND SINK: ADVANCE TABCO MODEL 7-PS-54, WALL MOUNTED, 304 STAINLESS STEEL 20 GAUGE HAND SINK WITH SPLASH MOUNTED FAUCET, BASKET DRAIN, P-TRAP AND WALL BRACKET. PROVIDE ALL ASSOCIATED EQUIPMENT TO HAVE A FULLY OPERATIONAL SINK. SINK SIZE 17-1/4"X15-1/4"X5"
	TRAP 1-1/2" VENT 1-1/2" CW 1/2" HW 1/2"
SK-1	THREE COMPARTMENT SINK: (OWNER FURNISHED AND CONTRACTOR INSTALLED) ADVANCE TABCO MODEL 93-3-54-36RL 16 GAUGE TYPE 304 STAINLESS STEEL 8" HIGH SPLASH, FREE STANDING THREE-COMPARTMENT SINK, 87" X 27" X 12", T&S BRASS B-0231 12" SWING NOZZLE, WALL MOUNTED, 8" CENTERS SINK FAUCET WITH LEVER HANDLES, T&S BRASS MPQ-8WLV-08-CR PRE-RINSE UNIT WALL MOUNT, 8" SWIVEL, LEVER HANDLE, VACUUM BREAKER, 24" STAINLESS STEEL FLEX HOSE, 6" WALL BRACKET WITH SALVAJO 200-SA 3-MRSS-LD DISPOSER, SINK ASSEMBLY, 2 HP MOTOR, 208V/60/1-PH, 12.1 AMPS, T&S BRASS B-3950 2" DRAIN OUTLET WITH TWIST HANDLE. SINK SIZE 127"X27" WITH 36" DRAINBOARD AND (3) 16"x20"x12" COMPARTMENTS. CONTRACTOR SHALL PROVIDE ALL REQUIRED ACCESSORIES FOR A FULL OPERATIONAL SINK. COORDINATE WITH KITCHEN EQUIPMENT SUPPLIER. PROVIDE FLOOR SINK (FS).
	TRAP VENT CW 1/2" HW 1/2"
SK-2	SINK: (OWNER FURNISHED CONTRACTOR INSTALLED) ADVANCE TABCO MODEL TA-11Q-2 DOUBLE SINK WELDED INTO TABLE TOP, 10"W X 14"D X 5" DEEP BOWLS WITH FAUCET, K-4 SUPPORT BRACKET FOR LEVER WASTE DRAIN HANDLE. CONTRACTOR SHALL PROVIDE ALL REQUIRED ACCESSORIES FOR A FULL OPERATIONAL SINK. COORDINATE WITH KITCHEN EQUIPMENT SUPPLIER. PROVIDE FLOOR SINK.
	TRAP VENT CW 1/2" HW 1/2"
МВ	MOP BASIN: FIAT MODEL TSBC1611 NEO-CORNER SERIES, SIZE 32" X 32" X 12" DEEP, ONE PIECE MOLDED STONE, UNIT SHALL HAVE 12" HIGH WALLS WITH NOT LESS THAN 2" WIDE SHOULDERS, COMPLETE WITH QDC-3XH QUICK DRAIN CONNECTOR, CHROME PLATED BRASS DRAIN, 830-AA MOP SERVICE FAUCET CHROME PLATED WITH VACUUM BREAKER, INTEGRAL STOPS, ADJUSTABLE WALL BRACE, PAIL HOOK AND 3/4" HOSE THREAD ON SPOUT, 832AA HOSE & HOSE BRACKET, 833AA SILICONE SEALANT AND 889-CC MOP HANGER.
	TRAP 3" VENT 2" CW 1/2" HW 1/2"

June 07, 2019 T. DURAN D. GRAHAM checked by: file name: 18074A_P601

4015 Carlisle Blvd NE Suite E Albuquerque, NM 87107 WWW.TESTUDOENG.COM, PH 505-554-1282

1 Minute Drain Period

2 Minute Drain Period

Albuquerque, NM Type of Building Cafeteria 1/7/2019

QTY.	FIXTURE	# of Compart.			Compart. Depth	Cubic Content Inches	Capacity in Gallons	Actual Drainage Load
1	3-comp sink	Las	16	20	12	11520	49.87	37.40
			0	0	0	0	0	
			0	0	0	0	0	
						0	0	
						- 0	0	
						0	0	
						0	0	0
						0	0	
						0	0	
						0	0	
						0	0	
						0	0	
						0	0	
						0	0	
					4	0	0	
						0	0	
					i i	0	0	
2	Flr. Drain/Sinks	1					37.5	7.5
							Total Actual Drainage Load	112-40

	SYN	MBOL LEGEND
ABBR.	SYMBOL	DESCRIPTION
		EQUIPMENT DESIGNATION
		KEYED NOTES
TYP		TYPICAL
FCO		FLOOR CLEANOUT
WCO	<u> </u>	WALL CLEANOUT
VTR	0	VENT THRU ROOF
	+ 5	RISER DOWN
	—ю	RISER UP
		DROP
	o	RISER UP
НВ		HOSE BIBB / WALL HYDRANT
CW		COLD WATER LINE
HW		HOT WATER LINE
HWR		CIRCULATING HOT WATER
V		VENT PIPING
S	s	SANITARY SEWER OR WASTE LINE
GI	—— GI ——	GREASE SEWER OR WASTE LINE
G	— G —	GAS PIPING
D	— D —	CONDENSATE DRAIN LINE
FD		FLOOR DRAIN
FS		FLOOR SINK
CAP	─	CAP ON END OF PIPE
	──	FLANGED CONNECTION
	Ť	VALVE IN RISER
		THERMOMETER
	<u> </u>	PRESSURE GAUGE
	P	FLOW SWITCH
		PRESSURE GAUGE W/ GAUGE COCK
	─ ₩─	GATE VALVE
	─ ──	GLOBE VALVE
		CHECK VALVE
		PLUG VALVE
	─ ₩─	CONTROL VALVE (THREE-WAY)
	——☆——	CONTROL VALVE (TWO-WAY)
		RELIEF VALVE
		PRESSURE REDUCING VALVE
	<u>—</u> б—	BALL VALVE
		BALANCING VALVE (BV)
		STRAINER
		UNION

Т	PLUMBING FIXTURE/EQUIPMENT SCHEDULE
SYMBOL	DESCRIPTION
WCO	WALL CLEANOUT: J.R. SMITH 4530-Y CAST IRON C.O. TEE WITH BRASS PLUG AND ROUND STAINLESS STEEL ACCESS COVER WITH VANDAL PROOF SCREW.
FCO	FLOOR CLEANOUT: J.R. SMITH 4023, CAST IRON C.O., WITH ROUND SCORIATED TOP
TMV	THERMOSTATIC MIXING VALVE: LEONARD MODEL 270-LF-BRKT-BV CAPABLE OF .25 GPM TO 12 GPM AT 25 PSI PRESSURE DROP WITH 1/2" CONNECTIONS, BRONZE BODY, THERMOSTAT, WITH LOCKING TEMPERATURE ADJUSTMENT, MOUNTING BRACKET, CABINET WITH STEELL BAKED ENAMEL CONSTRUCTION, HINGED HARD DOOR AND CYLINDER LOCK. TEMPERATURE LIMITED TO 110°F.
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	TRAP 3" VENT 2" CW - HW -
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WHA	WATER HAMMER ARRESTOR: STAINLESS STEEL CONSTRUCTION, PRE-CHARGED, PERMANENTLY SEALED. PIPE SIZE: 1", P.D.I. UNIT RATING: 12-32, MFG.: JAY R. SMITH FIG. NO. 5010.
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GI	GREASE INTERCEPTOR: SCHIER POLYETHYLENE GREASE INTERCEPTOR, MODEL GB-75 CAPABLE OF 75 GPM AND 125 GALLON CAPACITY, COMPLETE WITH RISER, ADAPTER, FINISH GRADE COVER AND ALL ACCESSORIES REQUIRED FOR A COMPLETE OPERATING UNIT, COMPLETE WITH EXTENSION AS REQUIRED, 4" INLET, 4" OUTLET.
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RH	ROOF HYDRANT: WOODFORD RHY2, FREEZELESS ROOF HYDRANT, 50HF WITH 3/4" HOSE CONNECTION, 1" NPT FEMALE INLET CONNECTION, 1-1/4" GALVANIZED PIPE CASING, 1/8" NPT DRAIN HOLE (DRAIN AND ROUTE TO MOP BASIN), MOUNTING SYSTEM. INSTALL PER MANUFACTURE'S RECOMMENDATIONS.

GENERAL PLUMBING NOTES

VENT - CW 1" HW -

TRAP -

- A. ALL PIPING SHALL BE CONCEALED WHERE POSSIBLE. ALL EXPOSED PIPING, WHERE CONCEALMENT IS NOT POSSIBLE, SHALL BE INSTALLED AND PAINTED AS DIRECTED BY THE ARCHITECT.
- B. ALL PIPING SHALL BE INSULATED, SEE SPECIFICATIONS.
- C. ALL BRANCHES SHALL BE VALVED AND ALL VALVES SHALL HAVE UNIONS ADJACENT. ACCESS PANELS AND DOORS SHALL BE FURNISHED TO GENERAL CONTRACTOR FOR INSTALLATION AND ACCESS TO VALVES WHERE REQUIRED. LOCATE ADDITIONAL VALVES AS SHOWN ON DRAWINGS. SEE SPECIFICATIONS FOR ACCESS DOOR REQUIREMENTS.
- D. ALL PIPING SHALL PITCH TO DRAIN, AND CONTRACTOR SHALL PROVIDE VALVING FOR SYSTEM DRAINAGE. CONTRACTOR SHALL DELIVER A MARKED-UP SET OF PLANS TO THE OWNER (PRIOR TO FINAL PAYMENT) SHOWING ALL BRANCH VALVES AND ALL DRAINAGE POINTS.
- E. CARE SHALL BE TAKEN TO AVOID MECHANICAL DUCTWORK, ELECTRICAL EQUIPMENT AND AIR HANDLING EQUIPMENT ABOVE CEILING. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ROUTING OF PIPING WITH CEILING CONTRACTOR AND SHEET METAL CONTRACTOR. RELOCATION OF PIPING AS A RESULT OF POOR COORDINATION BY THIS CONTRACTOR SHA**LL** BE AT HIS OWN EXPENSE.
- F. NO WATER PIPING SHALL BE LOCATED IN OUTSIDE WALLS, UNLESS SHOWN TO BE AND THEN PIPING TO BE INSULATED AND LOCATED AS CLOSE AS POSSIBLE TO INSIDE OF WALL CAVITY WITH ADDITIONAL INSULATION BETWEEN PIPING AND EXTERIOR OF WALL.
- G. WRITTEN PRIOR APPROVAL REQUIRED FOR ALL PROPOSED SUBSTITUTIONS OF EQUIPMENT AND MATERIALS, RECEIVED BY ENGINEER, 10 DAYS PRIOR TO BID DATE OF PROJECT TO ALLOW ADEQUATE TIME FOR REVIEW AND RESPONSE.
- THIS CONTRACTOR. I. ALL SEWER PIPING BELOW FLOOR SLAB (BELOW GRADE) SHALL BE STANDARD

H. ALL TRENCHING AND BACKFILL FOR PIPING SHALL BE THE RESPONSIBILITY OF

- WEIGHT HUB AND SPIGOT CAST IRON.
- J. ALL PIPE PENETRATIONS THRU FIRE-RATED ASSEMBLIES SHALL BE SLEEVED AND SEALED WITH CODE-APPROVED FIRE BARRIER MATERIALS.
- K. SECURE ALL PIPING TO WALLS FOR A RIGID INSTALLATION WITH UNISTRUT BRACKETS AND GASKETED PIPE CLAMPS.

PLUMBING FIXTURE/FOURAVERRS VIETURE

CITY OF ALBUQUERQUE PLANNING

SYMBOL	DES PIP be construed to be a permit for any violations of any code or ordinance
WC-1	WATER CLOSET: AMERICAN STANDARD "MADERANTA" 'BE"2000 2627 6.001, 1.0 GPF, FLOOR MOUNTED, HIGH EFFICIENCY, SIPHON JET, ATREOUS S: 'N.A, E'.O. G.A, ED RIM BOLT CAPS (15" RIM HEIGHT), 1-1/2" TOP SPUD, SLOAN ROYAL 611 6 69/13/190 VALVE, "SCREWDRIVER ANGLE STOP AND FLUSH CONNECTION, SOLID VALUE FILES TO SEAT VITH OPEN FRONT, EXTENDED BACK AND SELF-SUSTAINING CHECK HIR ST. 10 15 16 16 16 16 16 16 16 16 16 16 16 16 16
	TRAP 4" VENT 2" CW 1" HW
WC-2	WATER CLOSET: AMERICAN STANDARD "MADERA 16.5" H EL 3461.001 1.6 GPF, FLOOR MOUNTED, HIGH EFFICIENCY, SIPHON JET, VITREOUS CHINA, ELONGATED RIM, BOLT CAPS (16.5" RIM HEIGHT), 1-1/2" TOP SPUD, SLOAN ROYAL 111 1.6 GPF FLUSH VALVE, 1" SCREWDRIVER ANGLE STOP AND FLUSH CONNECTION, SOLID WHITE PLASTIC SEAT WITH OPEN FRONT, EXTENDED BACK AND SELF-SUSTAINING CHECK HINGE, LESS COVER. UNIT SHALL MEET ALL ADA REQUIREMENTS FOR THE PHYSICALLY CHALLENGED.
	TRAP 4" VENT 2" CW 1" HW
UR	URINAL: AMERICAN STANDARD "LYNBROOK" 6601.012 1.0 GPF, VITREOUS CHINA, WALL URINAL, 3/4" TOP SPUD, JR SMITH NO. 0636 URINAL SUPPORT, SLOAN 8186-1.0 BATTERY-OPERATED 1.0 GPF FLUSH VALVE WITH VACUUM BREAKER, SCREWDRIVER ANGLE STOP AND FLUSH CONNECTION. UNIT SHALL MEET ALL ADA REQUIREMENTS FOR THE PHYSICALLY CHALLENGED. COLOR WHITE.
	TRAP 2" VENT 1-1/2" CW 3/4" HW -
LAV	LAVATORY: AMERICAN STANDARD "LUCERNE" 0355.012 VITREOUS CHINA LAVATORY WITH BACK, FRONT OVERFLOW, DRILLED FOR JR SMITH 0700 FLOOR SUPPORTED CARRIER WITH CONCEALED ARMS, 5402.172H HERITAGE SUPPLY FITTING WITH .5 GPM AERATOR, INDEXED HANDLES AND GRID DRAIN, CHROME PLATED CAST BRASS ANGLE SUPPLIES WITH LOOSE KEY STOPS, AND CHROME PLATED CODE APPROVED ADJUSTABLE "P" TRAP WITH WASTE TO WALL, INSTALL FOR WHEELCHAIR USE. INSULATE ALL WATER PIPING AND TRAP BELOW LAVATORY WITH PLUMBEREX "PRO-EXTREME UNDER LAV. PROTECTOR, LAVATORY SIZE 20" X 18".
	TRAP 1-1/4" VENT 1-1/2" CW 1/2" HW 1/2"
HS	HAND SINK: ADVANCE TABCO MODEL 7-PS-54, WALL MOUNTED, 304 STAINLESS STEEL 20 GAUGE HAND SINK WITH SPLASH MOUNTED FAUCET, BASKET DRAIN, P-TRAP AND WALL BRACKET. PROVIDE ALL ASSOCIATED EQUIPMENT TO HAVE A FULLY OPERATIONAL SINK. SINK SIZE 17-1/4"X15-1/4"X5"
	TRAP 1-1/2" VENT 1-1/2" CW 1/2" HW 1/2"
SK-1	THREE COMPARTMENT SINK: (OWNER FURNISHED AND CONTRACTOR INSTALLED) ADVANCE TABCO MODEL 93-3-54-36RL 16 GAUGE TYPE 304 STAINLESS STEEL 8" HIGH SPLASH, FREE STANDING THREE-COMPARTMENT SINK, 87" X 27" X 12", T&S BRASS B-0231 12" SWING NOZZLE, WALL MOUNTED, 8" CENTERS SINK FAUCET WITH LEVER HANDLES, T&S BRASS MPQ-8WLV-08-CR PRE-RINSE UNIT WALL MOUNT, 8" SWIVEL, LEVER HANDLE, VACUUM BREAKER, 24" STAINLESS STEEL FLEX HOSE, 6" WALL BRACKET WITH SALVAJO 200-SA 3-MRSS-LD DISPOSER, SINK ASSEMBLY, 2 HP MOTOR, 208V/60/1-PH, 12.1 AMPS, T&S BRASS B-3950 2" DRAIN OUTLET WITH TWIST HANDLE. SINK SIZE 127"X27" WITH 36" DRAINBOARD AND (3) 16"x20"x12" COMPARTMENTS. CONTRACTOR SHALL PROVIDE ALL REQUIRED ACCESSORIES FOR A FULL OPERATIONAL SINK. COORDINATE WITH KITCHEN EQUIPMENT SUPPLIER. PROVIDE FLOOR SINK (FS).
	TRAP VENT CW 1/2" HW 1/2"
SK-2	SINK: (OWNER FURNISHED CONTRACTOR INSTALLED) ADVANCE TABCO MODEL TA-11Q-2 DOUBLE SINK WELDED INTO TABLE TOP, 10"W X 14"D X 5" DEEP BOWLS WITH FAUCET, K-4 SUPPORT BRACKET FOR LEVER WASTE DRAIN HANDLE. CONTRACTOR SHALL PROVIDE ALL REQUIRED ACCESSORIES FOR A FULL OPERATIONAL SINK. COORDINATE WITH KITCHEN EQUIPMENT SUPPLIER. PROVIDE FLOOR SINK.
	TRAP VENT CW 1/2" HW 1/2"
МВ	MOP BASIN: FIAT MODEL TSBC1611 NEO-CORNER SERIES, SIZE 32" X 32" X 12" DEEP, ONE PIECE MOLDED STONE, UNIT SHALL HAVE 12" HIGH WALLS WITH NOT LESS THAN 2" WIDE SHOULDERS COMPLETE WITH QDC-3XH QUICK DRAIN CONNECTOR, CHROME PLATED BRASS DRAIN, 830-AA MOP SERVICE FAUCET CHROME PLATED WITH VACUUM BREAKER, INTEGRAL STOPS, ADJUSTABLE WALL BRACE, PAIL HOOK AND 3/4" HOSE THREAD ON SPOUT, 832AA HOSE & HOSE BRACKET, 833AA SILICONE SEALANT AND 889-CC MOP HANGER.



June 07, 2019 T. DURAN D. GRAHAM checked by: file name: 18074_P601

P-601

4015 Carlisle Blvd NE Suite E Albuquerque, NM 87107 WWW.TESTUDOENG.COM, PH 505—554—1282

CITY OF ALBUQUEROU PLANNING **GENERAL UTILITY NOTES** GENERAL UTILITY NOTES (CONT'D) GENERAL UTILITY NOTES (CONT'D) GENERAL NOTPPROVED A REFER TO SHE T P-50 be Considered to be a property for any A. CONTRACTOR NOTE: THESE DRAWINGS REFLECT INFORMATION ON UTILITIES GATHERED BY SITE E. SPECIFIC: THE CONTRACTOR SHALL BEAR ALL COSTS AND BE TOTALLY RESPONSIBLE FOR ALL OF THE I. ALL MATERIALS (VALVES, MANHOLES, FIRE HYDRANTS, UTILITY LINES, ETC.), REMOVED FROM THE SITE SURVEY PROVIDED ARCHITECT, SITE INSPECTION, PREVIOUS EXISTING CONSTRUCTION UTILITY SERVICES AND THEIR COMPLETE INSTALLATION, AS SHOWN ON THE CONTRACT DRAWINGS, ARE TO BE TURNED OVER TO THE OWNER'S MAINTENANCE PERSONNEL, OR DISPOSED OF AS DIRECTED B REFER TO SHELT P-601 FOR P. JBB 120 15 26296 NOTES A ") SCHEDULES. DRAWINGS/RECORDS, AND DISCUSSIONS MUNICIPAL OFFICIALS. IT IS POSSIBLE THAT THE EXACT AND/OR DETAILS AND SPECIFICATIONS. BY OWNER OR HIS REPRESENTATIVE. LOCATION OF BURIED LINES IN THE IMMEDIATE VICINITY OF THE PROPOSED BUILDING MAY BE SOMEWHAT DIFFERENT FROM THE LOCATION SHOWN ON THIS DRAWING. IF ADDITIONAL LINES ARE F. THIS CONTRACTOR IS TOTALLY RESPONSIBLE FOR CONTACTING PUBLIC UTILITY COMPANIES, J. CAUTION NOTES: THE CONTRACTOR SHALL HAND EXCAVATE FOR INSTALLATION OF ALL NEW UTILITIES CROSSING EXISTING ELECTRICAL (SEE ELECTRICAL DRAWINGS) AND GAS BURIED UTILITIES. HAND ENCOUNTERED, THEY SHALL BE EXPOSED AND IDENTIFIED BY THIS CONTRACTOR. WHERE ADDITIONAL MUNICIPALITIES, AND/OR OTHERS HAVING JURISDICTION ON UTILITY SERVICES (PRIOR TO SUBMITTING KEYED NOTE cleanly of these plans shall be on the job site for all LINES AND/OR DIFFERING LOCATIONS ARE ENCOUNTERED, THIS CONTRACTOR SHALL REQUEST THAT HIS BID) FOR ALL CURRENT INFORMATION ON FEE CHARGES AND ALL OTHER COST EXPENSES REQUIRED EXCAVATION SHALL BE PERFORMED SIX (6) FEET BEYOND THESE UTILITIES IN EACH DIRECTION, THE ARCHITECT ISSUE A RULING AS TO ANY NECESSARY CHANGE OF MATERIALS, RE-ROUTING, IN PROVIDING COMPLETE AND FULLY OPERATING UTILITY SERVICES TO THIS PROJECT. HE SHALL TYPICAL. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE SUPPORT AND INCLUDE SUCH COSTS IN HIS BID. NO ADDITIONAL COSTS TO THE PROJECT WILL BE ALLOWED FOR ABANDONING OR RELOCATING OF SUCH LINES. PROTECTION FOR EXISTING UTILITIES BEING CROSSED BY NEW UTILITIES AND UNDERMINED BY THE 1 COORDINATE EXACT LOCATION OF GREASE TRAP WITH CIVIL PLANS. CONTRACTOR'S NEGLIGENCE IN ATTAINING ALL SUBJECT COSTS REQUIRED IN PROVIDING A COMPLETE REQUIRED EXCAVATION. B. THE LOCAL GAS COMPANY SHALL BE THE SOLE AUTHORITY IN RULING ON THE DISPOSITION OF NATURAL INSTALLATION AND COMPLETE OPERATING UTILITY SERVICES FOR THIS PROJECT. 2 REFER TO CIVIL PLANS FOR EXACT ROUTING OF GREASE DRAIN PIPING. GAS PIPING. ALL LINES ENCOUNTERED THAT INTERFERE WITH CONSTRUCTION SHALL BE RELOCATED (IF K. THIS CONTRACTOR SHALL INSTALL PROPER (OSHA) BARRICADES IN PEDESTRIAN AND VEHICULAR TRAFFIC AREAS AS NEEDED TO INSURE SAFETY AND THAT ALL FEDERAL, STATE AND LOCATE G. REFER TO ARCHITECTURAL PLANS FOR COORDINATION WITH FINAL FINISHED AND EXISTING GRADES, ACTIVE) AND SHALL BE REMOVED (IF INACTIVE) BY THIS CONTRACTOR UNDER THIS CONTRACT. ALL 3 SEE SHEET P-101 FOR CONTINUATION. BIDDERS ARE CAUTIONED TO THOROUGHLY INVESTIGATE EXACT SITE CONDITIONS BEFORE SUBMITTING AND OTHER SITE IMPROVEMENTS. ALSO REFER TO CIVIL, LANDSCAPING, AND ELECTRICAL DRAWINGS, STANDARDS ARE COMPLIED WITH. THEIR BIDS. ALL EXISTING LINES REQUIRING MINIMUM EARTH COVERAGE, AS REQUIRED BY STATE AND AND OTHER DRAWINGS INCLUDED IN THIS SET OF CONTRACT DOCUMENTS. 4 CONNECT NEW GAS YARD LINE TO EXISTING GAS LINE IN STREET. CONTRACTOR LOCAL CODES, OR AS NOTED DUE TO NEW FINISH GRADES, SHALL BE ADJUSTED AS REQUIRED TO HAVE L. CONTRACTOR SHALL MAKE EVERY EFFORT TO PROMPTLY COVER ALL PIPE TRENCHES AND OTHER SHALL COORDINATE WORK INSTALLATION WITH LOCAL GAS AUTHORITY. MINIMUM COVERAGE REQUIREMENTS. H. CONTRACTOR SHALL EXPOSE AND VERIFY INVERT ELEVATIONS OF RELEVANT SEWER LINES AND EXCAVATION SITES TO MINIMIZE ANY POTENTIAL HAZARDS. MANHOLES BEFORE SETTING ANY NEW INVERTS (EITHER INSIDE BUILDING AREA OR ON SITE). SHOULD 5 NEW GAS METER AND REGULATOR. REFER TO SHEET P-101 FOR MORE C. ANY WORK OR INSTALLATION NOT ACCEPTED BY THE ARCHITECT OR MECHANICAL ENGINEER DUE TO INVERTS DIFFER GREATLY FROM THOSE SHOWN ON THESE DRAWINGS, THE ARCHITECT SHALL BE INFORMATION. IMPROPER WORKMANSHIP OR LACK OF PROPER COORDINATION SHALL BE REMOVED AND CORRECTLY NOTIFIED AND A DECISION MADE AS TO ANY CHANGE IN MANHOLE INVERTS, CHANGES IN ROUTING INSTALLED AT THE MECHANICAL CONTRACTOR'S EXPENSE, AS DIRECTED. AND/OR CHANGE IN ON-SITE SEWER LINE SLOPES AND INVERTS. 6 NEW GAS YARD LINE SHALL BE COORDINATE INSTALLATION WITH LOCAL GAS COMPANY AND NEW/EXISTING UTILITIES AND CONDITIONS. D. MINIMUM DEPTH BELOW GRADE (COVER): GAS 18" BASKETBALI N 78°47'10" June 07, 2019 D. GRAHAM file name: N 80°54'54" WATERMETER SHROPSHIRE PLACE, N.W. (62' R/W) TESTUDO
ENGINEERING
4015 Carlisle Blvd NE Suite E
Albuquerque, NM 87107
WWW.TESTUDOENG.COM, PH 505-554-1282 NORTH PLUMBING SITE PLAN ALTERNATE

GENERAL UTILITY NOTES GENERAL UTILITY NOTES (CONT'D) GENERAL UTILITY NOTES (CONT'D) I. ALL MATERIALS (VALVES, MANHOLES, FIRE HYDRANTS, UTILITY LINES, ETC.), REMOVED FROM THE SITE A. CONTRACTOR NOTE: THESE DRAWINGS REFLECT INFORMATION ON UTILITIES GATHERED BY SITE E. SPECIFIC: THE CONTRACTOR SHALL BEAR ALL COSTS AND BE TOTALLY RESPONSIBLE FOR ALL OF THE A REFER TO SHE T P-50 be Constitute 1 to be a per in for any SURVEY PROVIDED ARCHITECT, SITE INSPECTION, PREVIOUS EXISTING CONSTRUCTION UTILITY SERVICES AND THEIR COMPLETE INSTALLATION, AS SHOWN ON THE CONTRACT DRAWINGS, ARE TO BE TURNED OVER TO THE OWNER'S MAINTENANCE PERSONNEL, OR DISPOSED OF AS DIRECTED B REFER TO SHELT P-601 FOR P. UBB 120 15 26296 NOTES A ") SCHEDULES. DRAWINGS/RECORDS, AND DISCUSSIONS MUNICIPAL OFFICIALS. IT IS POSSIBLE THAT THE EXACT AND/OR DETAILS AND SPECIFICATIONS. BY OWNER OR HIS REPRESENTATIVE. LOCATION OF BURIED LINES IN THE IMMEDIATE VICINITY OF THE PROPOSED BUILDING MAY BE SOMEWHAT DIFFERENT FROM THE LOCATION SHOWN ON THIS DRAWING. IF ADDITIONAL LINES ARE F. THIS CONTRACTOR IS TOTALLY RESPONSIBLE FOR CONTACTING PUBLIC UTILITY COMPANIES, J. CAUTION NOTES: THE CONTRACTOR SHALL HAND EXCAVATE FOR INSTALLATION OF ALL NEW UTILITIES CROSSING EXISTING ELECTRICAL (SEE ELECTRICAL DRAWINGS) AND GAS BURIED UTILITIES. HAND ENCOUNTERED, THEY SHALL BE EXPOSED AND IDENTIFIED BY THIS CONTRACTOR. WHERE ADDITIONAL MUNICIPALITIES, AND/OR OTHERS HAVING JURISDICTION ON UTILITY SERVICES (PRIOR TO SUBMITTING KEYED NOTE cleanly of these plans shall be on the job site for all LINES AND/OR DIFFERING LOCATIONS ARE ENCOUNTERED, THIS CONTRACTOR SHALL REQUEST THAT HIS BID) FOR ALL CURRENT INFORMATION ON FEE CHARGES AND ALL OTHER COST EXPENSES REQUIRED EXCAVATION SHALL BE PERFORMED SIX (6) FEET BEYOND THESE UTILITIES IN EACH DIRECTION, THE ARCHITECT ISSUE A RULING AS TO ANY NECESSARY CHANGE OF MATERIALS, RE-ROUTING, IN PROVIDING COMPLETE AND FULLY OPERATING UTILITY SERVICES TO THIS PROJECT. HE SHALL TYPICAL. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE SUPPORT AND ABANDONING OR RELOCATING OF SUCH LINES. INCLUDE SUCH COSTS IN HIS BID. NO ADDITIONAL COSTS TO THE PROJECT WILL BE ALLOWED FOR PROTECTION FOR EXISTING UTILITIES BEING CROSSED BY NEW UTILITIES AND UNDERMINED BY THE 1 COORDINATE EXACT LOCATION OF GREASE TRAP WITH CIVIL PLANS. CONTRACTOR'S NEGLIGENCE IN ATTAINING ALL SUBJECT COSTS REQUIRED IN PROVIDING A COMPLETE REQUIRED EXCAVATION. B. THE LOCAL GAS COMPANY SHALL BE THE SOLE AUTHORITY IN RULING ON THE DISPOSITION OF NATURAL INSTALLATION AND COMPLETE OPERATING UTILITY SERVICES FOR THIS PROJECT. 2 REFER TO CIVIL PLANS FOR EXACT ROUTING OF GREASE DRAIN PIPING. K. THIS CONTRACTOR SHALL INSTALL PROPER (OSHA) BARRICADES IN PEDESTRIAN AND VEHICULAR GAS PIPING. ALL LINES ENCOUNTERED THAT INTERFERE WITH CONSTRUCTION SHALL BE RELOCATED (IF TRAFFIC AREAS AS NEEDED TO INSURE SAFETY AND THAT ALL FEDERAL, STATE AND LOCATE G. REFER TO ARCHITECTURAL PLANS FOR COORDINATION WITH FINAL FINISHED AND EXISTING GRADES, ACTIVE) AND SHALL BE REMOVED (IF INACTIVE) BY THIS CONTRACTOR UNDER THIS CONTRACT. ALL 3 SEE SHEET P-101 FOR CONTINUATION. AND OTHER SITE IMPROVEMENTS. ALSO REFER TO CIVIL, LANDSCAPING, AND ELECTRICAL DRAWINGS, BIDDERS ARE CAUTIONED TO THOROUGHLY INVESTIGATE EXACT SITE CONDITIONS BEFORE SUBMITTING STANDARDS ARE COMPLIED WITH. THEIR BIDS. ALL EXISTING LINES REQUIRING MINIMUM EARTH COVERAGE, AS REQUIRED BY STATE AND AND OTHER DRAWINGS INCLUDED IN THIS SET OF CONTRACT DOCUMENTS. 4 CONNECT NEW GAS YARD LINE TO EXISTING GAS LINE IN STREET. CONTRACTOR LOCAL CODES, OR AS NOTED DUE TO NEW FINISH GRADES, SHALL BE ADJUSTED AS REQUIRED TO HAVE L. CONTRACTOR SHALL MAKE EVERY EFFORT TO PROMPTLY COVER ALL PIPE TRENCHES AND OTHER SHALL COORDINATE WORK INSTALLATION WITH LOCAL GAS AUTHORITY. MINIMUM COVERAGE REQUIREMENTS. H. CONTRACTOR SHALL EXPOSE AND VERIFY INVERT ELEVATIONS OF RELEVANT SEWER LINES AND EXCAVATION SITES TO MINIMIZE ANY POTENTIAL HAZARDS. MANHOLES BEFORE SETTING ANY NEW INVERTS (EITHER INSIDE BUILDING AREA OR ON SITE). SHOULD 5 NEW GAS METER AND REGULATOR. REFER TO SHEET P-101 FOR MORE C. ANY WORK OR INSTALLATION NOT ACCEPTED BY THE ARCHITECT OR MECHANICAL ENGINEER DUE TO INVERTS DIFFER GREATLY FROM THOSE SHOWN ON THESE DRAWINGS, THE ARCHITECT SHALL BE INFORMATION. IMPROPER WORKMANSHIP OR LACK OF PROPER COORDINATION SHALL BE REMOVED AND CORRECTLY NOTIFIED AND A DECISION MADE AS TO ANY CHANGE IN MANHOLE INVERTS, CHANGES IN ROUTING INSTALLED AT THE MECHANICAL CONTRACTOR'S EXPENSE, AS DIRECTED. AND/OR CHANGE IN ON-SITE SEWER LINE SLOPES AND INVERTS. 6 NEW GAS YARD LINE SHALL BE COORDINATE INSTALLATION WITH LOCAL GAS COMPANY AND NEW/EXISTING UTILITIES AND CONDITIONS. D. MINIMUM DEPTH BELOW GRADE (COVER): GAS 18" BASKETBALI N 78°47'10" CONCRETE N 80°54'54" WATERMETER SHROPSHIRE PLACE, N.W. (62' R/W) TESTUDO
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GENERAL NOTPPROVED

CITY OF ALBUQUEROU PLANNING



June 07, 2019 D. GRAHAM checked by: file name:

PS-101

GENERAL NCTPPROVED

The Approval of these plans shall not

A REFER TO SHE IT P-50 be Constituted to the any
violations of any code or ordinance

B REFER TO SHEET P-601 TOR F. UBB 16 15 26276 NOTES ATO SCHEDULES.

CITY OF ALBUQUEROUS PLANNING

KEYED NOT stimed sopy of these plans shall be on the job site for all requested inspections.

1 REFER TO CIVIL PLANS FOR CONTINUATION.

2 REFER TO SHEET PS-101 FOR CONTINUATION.

3 INVERT ELEVATION = 33" +/- BELOW FINISHED FLOOR.

4 INVERT ELEVATION = 32.5" +/- BELOW FINISHED FLOOR.

5 EXTEND 3" GREASE SEWER (GI) TO GREASE INTERCEPTOR. REFER TO CIVIL PLANS FOR CONTINUATION AND LOCATION OF GREASE INTERCEPTOR.

6 NEW GAS METER AND REGULATOR ASSEMBLY INSTALLED BY LOCAL GAS AUTHORITY. GAS METER AND REGULATOR TO BE SET FOR A TOTAL LOAD OF 1124 CFH. REGULATOR TO REDUCE PRESSURE DOWN TO 7" W.C. CONTRACTOR SHALL COORDINATE LOCATION, SIZE AND INSTALLATION AND SHALL PAY FOR ALL COST ASSOCIATED WITH YARD LINE, GAS REGULATOR AND METER, ETC. FOR A COMPLETE SYSTEM.

PROVIDE FULL BORE GAS SHUTOFF VALVE DOWNSTREAM OF GAS METER FOR ISOLATION AND SAFETY, PER LOCAL CODE. EXTEND AND ROUTE 2-1/2" GAS LINE UP ALONG WALL TO ROOF TOP AND ROUTE AS SHOWN.

8 1" CW UP TO ROOF HYDRANT. COORDINATE EXACT LOCATION WITH ARCHITECT AND SOLAR PANELS.

9 2" VENT FROM BELOW FLOOR UP IN WALL TO CEILING SPACE AND ROUTE AS SHOWN. REFER TO SHEET PS-101 FOR CONTINUATION.

August 15, 2019 D. GRAHAM

P-101a ALTERNATE

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B REFER TO SHEET P-601 FOR F. UBBING 15-26276NOTES AND SCHEDULES.

CITY OF ALBUQUEROUS PLANNING

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August 15, 2019 D. GRAHAM checked by:

P-101

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SHOWN.

B REFER TO SHEET P-601 FOR F. UMBING LECENCY NOTES A: ") SCHEDULES.

CITY OF ALBUQUEROU

KEYED NOTES 09/13/49

1 REFER TO SHEET P-101 FOR CONTINUITION.

2 2" VENT FROM BELOW FLOOR UP IN WALL TO CEILING SPACE AND ROUTE AS

3 ROUTE FULL SIZE CONDENSATE FROM FUTURE WALK-IN COOLER EVAPORATOR ROUTED TO FLOOR SINK IN MECHANICAL ROOM AND TERMINATE AT FLOOR SINK WITH AIR GAP. ALL HORIZONTAL CONDENSATE PIPING SHALL SLOPE AT 1/8" PER FOOT TOWARDS DISCHARGE. COORDINATE ROUTING WITH OTHER TRADES.

4 FULL SIZE CONDENSATE WITH P-TRAP FROM MECHANICAL UNIT DOWN THROUGH ROOF INTO CEILING SPACE AND ROUTE AS SHOWN. ALL HORIZONTAL CONDENSATE PIPING SHALL SLOPE AT 1/8" PER FOOT TOWARDS DISCHARGE. COORDINATE ROUTING WITH OTHER TRADES.

5 3/4" CONDENSATE LINE DOWN IN WALL, ELBOW THROUGH WALL AND TERMINATE AT MOP BASIN WITH AIR GAP.

6 3/4" CW/HW DOWN IN WALL. ROUTE 1/2" CW/HW TO EACH LAVATORY.

1-1/2" CW DOWN IN WALL. ROUTE 1" CW TO URINAL AND 1-1/2" CW TO EACH WATER CLOSET. PROVIDE WATER HAMMER ARRESTOR (WHA) WITH ACCESS PANEL PRIOR TO LAST WATER CLOSET. COORDINATE WITH ARCHITECT

8 3/4" CW DOWN IN WALL TO HOSE BIBB (HB).

9 2" CW FROM BELOW FLOOR UP TO BACKFLOW PREVENTER (BFP) AND EXTEND TO CEILING SPACE AND ROUTE AS SHOWN. INSTALL PER DETAIL ON DETAIL SHEET.

10 3/4" CW/HW DOWN IN WALL TO MOP BASIN.

11 1/2" 140° HW DOWN IN WA**LL** FOR FUTURE DISHWASHER. COORDINATE WITH KITCHEN EQUIPMENT SUPPLIER.

12 1/2" CW/HW DOWN IN WALL TO SINK.

13 1-1/2" GAS LINE DOWN THROUGH ROOF AND IN WALL TO SOLENOID VALVE FOR EMERGENCY SHUT-OFF. INSTALL MANUAL LEVER HANDLE EMERGENCY SHUT-OFF VAVLE UP 5'-0" ABOVE FINISH FLOOR AND LABEL, "EMERGENCY SHUT-OFF VALVE -GAS SERVICE - CLOSE ONLY IN CASE OF EMERGENCY". INSTALL GAS SOLENOID VALVE IN DROP AND WIRE IN SERIES WITH HOOD FIRE PROTECTION SYSTEM TO CLOSE IN CASE OF EMERGENCY AND FIRE PROTECTION SYSTEM DISCHARGE. COORDINATE EXACT LOCATION WITH ARCHITECT AND ELECTRICAL. EXTEND 1-1/2" GAS LINE UP IN WALL TO CEILING SPACE AND ROUTE AS SHOWN.

14 1-1/2" GAS LINE DOWN IN WALL AND EXTEND TO KITCHEN EQUIPMENT AS SHOWN.

15 1-1/4" GAS LINE TO GAS RANGE WITH GRIDDLE. PROVIDED GAS VALVE, UNION, DIRT LEG AND FLEX CONNECTION. TOTAL LOAD FOR GAS RANGE WITH GRIDDLE IS 302 MBH. COORDINATE WITH KITCHEN EQUIPMENT SUPPLIER.

16 1" GAS LINE TO GAS CONVECTION OVEN. PROVIDED GAS VALVE, UNION, DIRT LEG AND FLEX CONNECTION. TOTAL LOAD FOR GAS CONVECTION OVEN IS 120 MBH. COORDINATE WITH KITCHEN EQUIPMENT SUPPLIER.

17 1" GAS LINE DOWN THROUGH ROOF TO WATER HEATER. PROVIDED GAS VALVE, UNION, DIRT LEG AND FLEX CONNECTION. TOTAL LOAD FOR WATER HEATER IS 160

18 1-1/2" CW DOWN TO WATER HEATER. 1-1/2" HW UP FROM WATER HEATER. CONNECT PER MANUFACTURE'S RECOMMENDATIONS. INSTALL PER DETAIL ON DETAIL SHEET.

^ 2" CW DOWN IN WALL. ROUTE 1-1/2" CW TO EACH WATER CLOSET. PROVIDE WATER HAMMER ARRESTOR (WHA) WITH ACCESS PANEL PRIOR TO LAST WATER CLOSET. COORDINATE WITH ARCHITECT.

20 3/4" CW DOWN ALONG WALL TO MAKE-UP WATER AND DRAIN ASSEMBLY. EXTEND 3/4" MAKE-UP WATER TO CEILING SPACE AND ROUTE AS SHOWN. REFER TO DETAIL.

21 3/4" MAKE-UP WATER UP THROUGH ROOF TO MECHANICAL EQUIPMENT AND CONNECT PER MANUFACTURE'S REQUIREMENTS.

22 1-1/4" GAS LINE TO ROOF TOP UNIT. PROVIDED GAS VALVE, UNION, DIRT LEG AND FLEX CONNECTION. TOTAL LOAD FOR ROOF TOP UNIT IS 350 MBH.

23 1" GAS LINE TO ROOF TOP UNIT. PROVIDED GAS VALVE, UNION, DIRT LEG AND FLEX

CONNECTION. TOTAL LOAD FOR ROOF TOP UNIT IS 67 MBH.

24 1" GAS LINE TO MAKE-UP AIR UNIT. PROVIDED GAS VALVE, UNION, DIRT LEG AND FLEX CONNECTION. TOTAL LOAD FOR MAKE-UP AIR UNIT IS 125 MBH.

25 1/2" CW/HW DOWN IN WALL TO HAND SINK.

26 1-1/2" CW AND 1/2" HW DOWN IN WALL. ROUTE 1/2" CW/HW TO LAVATORY AND EXTEND 1-1/2" CW TO WATER CLOSET. PROVIDE WATER HAMMER ARRESTOR (WHA) WITH ACCESS PANEL PRIOR TO WATER CLOSET. COORDINATE WITH ARCHITECT.

27 1/2" CW DOWN IN WALL AND ROUTE 1/2" CW TO EACH DRINKING FOUNTAIN.

28 3/4" CW AND 3/4" 140° HW DOWN TO WALL MOUNTED THERMOSTATIC MIXING VALVE (TMV). EXTEND 3/4" HW UP FROM TMV UP TO CEILING SPACE AND ROUTE AS SHOWN. TMV SHA**LL** BE SET TO AN OUPUT OF 110° F TEMPERATURE.

29 3/4" CW/HW DOWN IN WALL. ROUTE 1/2" CW/HW TO EACH FAUCET.

KITCHEN EQUIPMENT NOTE

"DISHWASHER", ETC. SHALL BE FURNISHED AND SET IN PLACE BY OTHERS UNDER ANOTHER SECTION OF PLANS AND SPECIFICATIONS. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ROUGH-IN AND CONNECTIONS OF EQUIPMENT REQUIRING COLD WATER, HOT WATER, DIRECT WASTE AND VENT, INDIRECT WASTE, DRAIN PIPING, GAS PIPING, ETC., IF REQUIRED. THIS CONTRACTOR SHALL VERIFY EXACT MODEL OF EQUIPMENT ACTUALLY FURNISHED AND SHALL BE RESPONSIBLE FOR ALL REQUIRED CONNECTIONS. CONTRACTOR TO FURNISH ALL INTERCONNECTING PIPING, P-TRAPS, INDIRECT WASTE LINES, ETC., TO MAKE EQUIPMENT OPERATIONAL AND TO COMPLY WITH ALL APPLICABLE CODES.









September 5, 2019 T. DURAN D. GRAHAM checked by: 18074A_P401 file name:

ALTERNATE

GENERAL NCTPPROVED

A REFER TO SHE IT P-50 be Constituted to be a permit for any violations of any code or ordinance

B REFER TO SHEET P-601 FOR F. UMBING LECENCY NOTES A: ") SCHEDULES.

CITY OF ALBUQUEROU

KEYED NOT printed sopy of these plans shall be on the jeb site for all requested inspections.

- 1 REFER TO SHEET P-101 FOR CONTINUATION.
- 2 2" VENT FROM BELOW FLOOR UP IN WALL TO CEILING SPACE AND ROUTE AS
- 3 ROUTE FULL SIZE CONDENSATE FROM FUTURE WALK-IN COOLER EVAPORATOR ROUTED TO FLOOR SINK IN MECHANICAL ROOM AND TERMINATE AT FLOOR SINK WITH AIR GAP. ALL HORIZONTAL CONDENSATE PIPING SHALL SLOPE AT 1/8" PER FOOT TOWARDS DISCHARGE. COORDINATE ROUTING WITH OTHER TRADES.
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- 11 1/2" 140° HW DOWN IN WA**LL** FOR FUTURE DISHWASHER. COORDINATE WITH KITCHEN EQUIPMENT SUPPLIER.
- 12 1/2" CW/HW DOWN IN WALL TO SINK.
- 13 1-1/2" GAS LINE DOWN THROUGH ROOF AND IN WALL TO SOLENOID VALVE FOR EMERGENCY SHUT-OFF. INSTALL MANUAL LEVER HANDLE EMERGENCY SHUT-OFF VAVLE UP 5'-0" ABOVE FINISH FLOOR AND LABEL, "EMERGENCY SHUT-OFF VALVE -GAS SERVICE - CLOSE ONLY IN CASE OF EMERGENCY". INSTALL GAS SOLENOID VALVE IN DROP AND WIRE IN SERIES WITH HOOD FIRE PROTECTION SYSTEM TO CLOSE IN CASE OF EMERGENCY AND FIRE PROTECTION SYSTEM DISCHARGE. COORDINATE EXACT LOCATION WITH ARCHITECT AND ELECTRICAL. EXTEND 1-1/2" GAS LINE UP IN WALL TO CEILING SPACE AND ROUTE AS SHOWN.
- 14 1-1/2" GAS LINE DOWN IN WALL AND EXTEND TO KITCHEN EQUIPMENT AS SHOWN.
- 15 1-1/4" GAS LINE TO GAS RANGE WITH GRIDDLE. PROVIDED GAS VALVE, UNION, DIRT LEG AND FLEX CONNECTION. TOTAL LOAD FOR GAS RANGE WITH GRIDDLE IS 302 MBH. COORDINATE WITH KITCHEN EQUIPMENT SUPPLIER.
- 16 1" GAS LINE TO GAS CONVECTION OVEN. PROVIDED GAS VALVE, UNION, DIRT LEG AND FLEX CONNECTION. TOTAL LOAD FOR GAS CONVECTION OVEN IS 120 MBH. COORDINATE WITH KITCHEN EQUIPMENT SUPPLIER.
- 17 1" GAS LINE DOWN THROUGH ROOF TO WATER HEATER. PROVIDED GAS VALVE, UNION, DIRT LEG AND FLEX CONNECTION. TOTAL LOAD FOR WATER HEATER IS 160
- 18 1-1/2" CW DOWN TO WATER HEATER. 1-1/2" HW UP FROM WATER HEATER. CONNECT PER MANUFACTURE'S RECOMMENDATIONS. REFER TO DETAIL.

~~~~~~~ 2" CW DOWN IN WALL. ROUTE 1-1/2" CW TO EACH WATER CLOSET. PROVIDE WATER HAMMER ARRESTOR (WHA) WITH ACCESS PANEL PRIOR TO LAST WATER CLOSET. COORDINATE WITH ARCHITECT.

- 20 3/4" CW DOWN ALONG WALL TO MAKE-UP WATER AND DRAIN ASSEMBLY. EXTEND 3/4" MAKE-UP WATER TO CEILING SPACE AND ROUTE AS SHOWN. REFER TO DETAIL.
- 21 3/4" MAKE-UP WATER UP THROUGH ROOF TO MECHANICAL EQUIPMENT AND CONNECT PER MANUFACTURE'S REQUIREMENTS.
- 22 1-1/4" GAS LINE TO ROOF TOP UNIT. PROVIDED GAS VALVE, UNION, DIRT LEG AND FLEX CONNECTION. TOTAL LOAD FOR ROOF TOP UNIT IS 350 MBH.
- 23 1" GAS LINE TO ROOF TOP UNIT. PROVIDED GAS VALVE, UNION, DIRT LEG AND FLEX CONNECTION. TOTAL LOAD FOR ROOF TOP UNIT IS 67 MBH.
- 24 1" GAS LINE TO MAKE-UP AIR UNIT. PROVIDED GAS VALVE, UNION, DIRT LEG AND

FLEX CONNECTION. TOTAL LOAD FOR MAKE-UP AIR UNIT IS 125 MBH.

- 25 1/2" CW/HW DOWN IN WALL TO HAND SINK.
- 26 1-1/2" CW AND 1/2" HW DOWN IN WALL. ROUTE 1/2" CW/HW TO LAVATORY AND EXTEND 1-1/2" CW TO WATER CLOSET. PROVIDE WATER HAMMER ARRESTOR (WHA) WITH ACCESS PANEL PRIOR TO WATER CLOSET. COORDINATE WITH ARCHITECT.
- 27 1/2" CW DOWN IN WALL AND ROUTE 1/2" CW TO EACH DRINKING FOUNTAIN.
- 28 3/4" CW AND 3/4" 140° HW DOWN TO WALL MOUNTED THERMOSTATIC MIXING VALVE (TMV). EXTEND 3/4" HW UP FROM TMV UP TO CEILING SPACE AND ROUTE AS SHOWN. TMV SHALL BE SET TO AN OUPUT OF 110° F TEMPERATURE.
- 29 3/4" CW/HW DOWN IN WALL. ROUTE 1/2" CW/HW TO EACH FAUCET.

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