

PARTIAL FIRST FLOOR PLUMBING PLAN
SCALE: 1/16" = 1'-0"

WATER HEATER SCHEDULE - ELECTRIC							
MARK	MANUFACTURER & MODEL NO.	CAPACITY GALLONS	NUMBER OF ELEMENTS /KW	ELECTRICAL CHART'S	RECOVERY GAL/HOUR AT 60 FISE	EXPANSION TANK AMTROL MODEL NO.	TEMPERATURE SETTING
DWH-1-6	STATE E58 6 SONS	6	1/1.65	120/1PH	8	AX-15	110° F
DWH-7	EMW SP3012	NSAWINEXOUS	1/3.0	120/1PH	41° @ 5 RPM	N/A	110° F


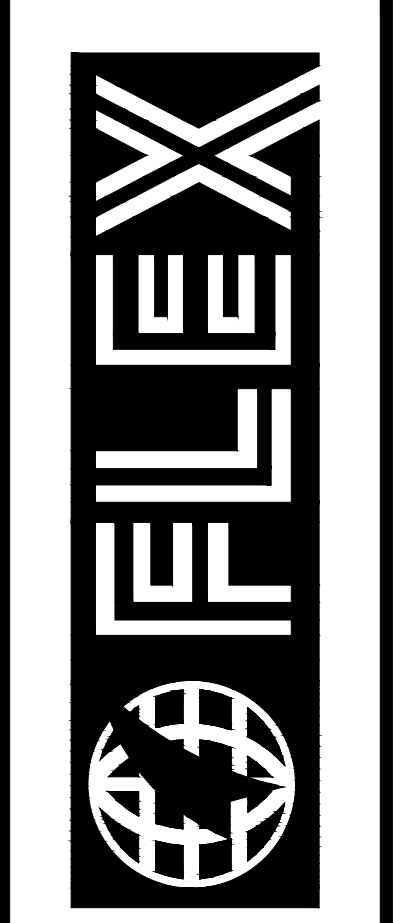
* LOCHINW - STATE - RHEEM - BRADFORD WHITE

PLUMBING SPECIALTIES SCHEDULE						
MARK	MANUFACTURER & MODEL NO.	TYPE	SIZE	MATERIAL	MOUNTING	REMARKS
CO-1	ZURN ZH1400-VP	FLOOR CLEANOUT	LINE SIZE 4" MAXIMUM	CAST IRON W/ NICKEL BRONZE TOP	FLOOR	VANDAL-PROOF SCREWS TOP TO MATCH FLOOR COVERING
CO-2	ZURN ZH1474-N-VP	HEAVY DUTY CLEANOUT HOUSING W/ INTERNAL C/O 2"140-8P	LINE SIZE 4" MAXIMUM	CAST IRON W/ NICKEL BRONZE TOP	FLOOR	VANDAL-PROOF SCREWS
FD-1	ZURN ZM415-B-VP	FLOOR DRAIN W/ 5" TYPE "B" STRAINER	3"	CAST IRON W/ NICKEL BRONZE TOP	FLOOR	VANDAL-PROOF TOP
FD-2	ZURN ZM513	FLOOR DRAIN W/ BUCKET	4"	CAST IRON W/ NICKEL BRONZE TOP	FLOOR	3/4" SLOTTED GRATE, SEDIMENT BUCKET & TRAP PRIMER CONNECTION
FPM	ZURN Z1300	FREEZE-PROOF WALL HYDRANT	3/4" CW	NICKEL BRONZE BOX AND TOP	WALL	FURNISH WITH 4 KEYS PER EACH HYDRANT
FPH	WOODFORD Y2	FREEZE-PROOF YARD HYDRANT	1" N.P.T. CW	GALVANIZED STEEL	GROUND	AUTO. DRAINING BACKFLOW PROTECTED. PROVIDE W/ 3" OPERATING PIPE.
FB	CHICAGO FAUCET NO.293	HOSE BIBB W/ W/CM BREAKER NO.272KCP	1/2" CW	POLISHED CHROME PLATED	WALL	MOUNT W/ 3" OPERATING PIPE. SEE NO.293-6
WHA	WILKINS 1250-(A TO F)	WATER HAMMER ARRESTER	1/2", 3/4" OR 1"	COPPER TYPE "L"	PIPE	SEE DOMESTIC WATER RISER FOR LOCATION & SIZE.

PLUMBING FIXTURE SCHEDULE									
MARK	MANUFACTURER & MODEL NO.	TYPE	TRIM	SUPPLY	DRAIN	COLOR	MOUNTING	OTHER	
WC-1 (HANDICAPPED)	AMERICAN STANDARD "MADERA" (W/EVERCLEAN) 3451.160	ELONGATED FLOOR MOUNT W.C. W/TOP SPUD ADA 16-1/2" HIGH	SLOW ROYAL 111 1.6 GPF	1" CW	4" W/ INTEGRAL TRAP	TOILET: WHITE VITREOUS CHINA VALVE: CHROME	FLOOR 10" ROUGH IN	OLSONITE #8555 SEAL FLUSH CONTROLS ON WIDE SIDE	
WC-2	AMERICAN STANDARD "MADERA" (W/EVERCLEAN) 3451.160	ELONGATED FLOOR MOUNT W.C. W/TOP SPUD 15" HIGH	SLOW ROYAL 111 1.6 GPF	1" CW	4" W/ INTEGRAL TRAP	TOILET: WHITE VITREOUS CHINA VALVE: CHROME	FLOOR 10" ROUGH IN	OLSONITE #8555 SEAL FLUSH CONTROLS ON WIDE SIDE	
WC-3 (HANDICAPPED)	AMERICAN STANDARD "TOILET (W/EVERCLEAN) 2467.100	ELONGATED FLOOR MOUNT W.C. ADA 16-1/2" HIGH	FLUSH TANK 1.1 GPF	1/2" CW	4" W/ INTEGRAL TRAP	TOILET: WHITE VITREOUS CHINA VALVE: CHROME	FLOOR 12" ROUGH IN	OLSONITE #8555 SEAL.	
UR-1 (HANDICAPPED)	AMERICAN STANDARD "WASHBROOK" 6590.125	WALL HUNG FLUSH VALVE URINAL	SLOW OPIMA 186-013 ES-5 HARDWARES AUTO-MATIC SENSOR OPERATED FLUSH VALVE	3/4" CW	2" W/ INTEGRAL TRAP	URINAL: WHITE VITREOUS CHINA VALVE: POLISHED CHROME	URINAL: WALL MOUNT W/ WALL HANGERS	MOUNT WITH FLOOR TO RM DIMENSION OF 17" (WALL HANGERS INCLUDED WITH URINAL)	
UR-2	AMERICAN STANDARD "WASHBROOK" 6590.125	WALL HUNG FLUSH VALVE URINAL	SLOW OPIMA 186-013 ES-5 HARDWARES AUTO-MATIC SENSOR OPERATED FLUSH VALVE	3/4" CW	2" W/ INTEGRAL TRAP	URINAL: WHITE VITREOUS CHINA VALVE: POLISHED CHROME	URINAL: WALL MOUNT W/ WALL HANGERS	MOUNT WITH FLOOR TO RM DIMENSION OF 17" (WALL HANGERS INCLUDED WITH URINAL)	
L-1 (HANDICAPPED)	AMERICAN STANDARD "LUCERNE" 0355.012	20-1/2"x18-1/4" WALL HUNG LAVATORY	PRO FLO PELL1011M POP-UP DRAIN, SINGLE METAL LEVER HANDLE	3/8" HW & CW CHROME PLATED WITH STOPS	1-1/4" KY CODE P-TRAP	LAVATORY: WHITE VITREOUS CHINA FAUCET: POLISHED CHROME	WALL MOUNT W/ WALL HANGER	MOUNT TOP OF RM 34" A.F.F. WITH SUPPLY AND TRAP COVERS. INSULATE HOT WATER SUPPLY AND DRAIN (WALL HANGER INCLUDED WITH LAVATORY)	
L-2 (HANDICAPPED)	AMERICAN STANDARD "AQUALYN" 0476.005	20-3/8"x17-3/8" COUNTERTOP SINK	PRO FLO PELL1011M POP-UP DRAIN, SINGLE METAL LEVER HANDLE	3/8" HW & CW CHROME PLATED WITH STOPS	1-1/4" KY CODE P-TRAP	LAVATORY: WHITE VITREOUS CHINA FAUCET: POLISHED CHROME	COUNTERTOP SELF RIMMING		
S-1	JUST DL-2333-A-R	SINK, 18 GA. SS, 22"x33" O.D., (2) 14"x6" DEEP BOWLS 3 HOLE ADA COMPLIANT	JUST -892, 2.0 GPM, WISHERLESS MOUNT FAUCET W/SCOURER, SPRAY HOSE & SPRAY SPOUT, ADA COMPLIANT	1/2" HW & CW CHROME PLATED WITH STOPS	J-35 CRUMB CUP, 1-1/2" TALLFACE, 1-1/2" P-TRAP	SINK: STAINLESS STEEL FAUCET: POLISHED CHROME	COUNTERTOP LAY-IN SELF RIMMING		
MB-1	MUSTIE 63M "DURASTONE"	MOP SERVICE BASIN 24"x24"x10" DEEP	#63.600A SERVICE FAUCET WITH W/CM BREAKER & REINFORCING BAR	1/2" HW & CW	3" DRAIN	SINK: WHITE DURASTONE - MOLDED CONSTRUCTION FAUCET: CHROME	FLOOR MOUNTED	#63.401 BUMPER GUARD (2) EA., #65.600 MOP HANGER, #65.700 HOSE & HOSE HOLDER, #67.200 DUNGGUARD WALL GUARDS	
EW-1 (HANDICAPPED)	QASIS "SERCOOLER II" P/ACSL	WATER COOLER SPUT-LEVEL 6.0 GPH	PRESSURE TOUCH PADS	3/8" CW W/STOP	1-1/4" KY CODE P-TRAP	COLOR BY ARCHITECT	WALL MOUNTED	MOUNT RUBBER CENTER LINE AT 36" A.F.F. AND A MINIMUM OF 15" FROM THE WALL. INSULATE P-TRAP.	

PLUMBING PIPE SCHEDULE			
INTERIOR BELOW GRADE	INTERIOR ABOVE FLOOR	EXTERIOR WITHIN 2' OF BUILDING	EXTERIOR, BURIED
DOMESTIC COLD WATER SOFT COPPER: ASTM B88-03 TYPE L HARD COPPER: ASTM B88-03 TYPE L	SCH 40 PVC: ASTM D1785	SOFT COPPER: ASTM B88-03 TYPE L HARD COPPER: ASTM B88-03 TYPE L	SOFT COPPER: ASTM B88-03 TYPE K
DOMESTIC HOT WATER SOFT COPPER: ASTM B88-03 TYPE L HARD COPPER: ASTM B88-03 TYPE L	SCH 40 CPVC: ASTM D2846	SOFT COPPER: ASTM B88-03 TYPE L HARD COPPER: ASTM B88-03 TYPE L	SOFT COPPER: ASTM B88-03 TYPE K
SANITARY SEWER HUBLESS CAST IRON: ASTM A888-04a (IF BUILDING CODE ALLOWS) HARD COPPER DWV: ASTM B306-02 ABS PLASTIC SCH 40: ASTM D2661-02 PVC PLASTIC SCH 40: ASTM D2665-04a(1)	HUBLESS CAST IRON: ASTM A888-04a (IF BUILDING CODE ALLOWS) HARD COPPER DWV: ASTM B306-02 ABS PLASTIC SCH 40: ASTM D2661-02 PVC PLASTIC SCH 40: ASTM D2665-04a(1)	HUBLESS CAST IRON: ASTM A888-04a HARD COPPER DWV: ASTM B306-02 ABS PLASTIC SCH 40: ASTM D2661-02 PVC PLASTIC SCH 40: ASTM D2665-04a(1)	HUBLESS CAST IRON: ASTM A888-04a HARD COPPER DWV: ASTM B306-02 ABS PLASTIC SCH 40: ASTM D2661-02 PVC PLASTIC SCH 40: ASTM D2665-04a(1)
CONDENSATE DRAIN HARD COPPER: ASTM B88-03 TYPE M	SCH 40 PVC: ASTM D1785		

PARTIAL FIRST FLOOR PLUMBING PLAN & SCHEDULES
SCALE: 1/16" = 1'-0"

FLEXFILMS, U.S.A., LLC
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PROJECT L-12 BOPET U.S.A.


DATE	REVISION	BY
NOV. 1, 11	VALUE ENGINEERING RE-DESIGN DOCUMENT	
JAN. 20, 12	REVISION ASSOCIATED WITH FINISHED FLOOR PLAN	

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PROJECT NO.	DATE	SCALE
8529-02	JULY 2011	AS NOTED

DESIGNED BY: RCD
DRAWN BY: TBW
CHECKED BY: RCD
REVIEWED BY: RCD

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