## PLUMBING FIXTURE SCHEDULE

FIXTURE SELECTION IS BASED ON KOHLER MODELS UNLESS OTHERWISE NOTED, APPROVED EQUAL MANUFACTURERS AS FOLLOWS:

FIXTURES: KOHLER, AMERICAN STANDARD, ZURN FAUCETS & TRIM: KOHLER, AMERICAN STANDARD, BRASSCRAFT, DELTA, MCGUIRE,

SANITARY DASH, ZURN

FLUSH VALVES: KOHLER, DELANY, SLOAN, ZURN FIXTURE SEATS: AMERICAN STANDARD, BEMIS, BENEKE, CENTOCO, CHURCH, KOHLER

FIAT, FLORESTONE, STERN WILLIAMS

FIXTURE CARRIERS: JOSAM, JAY R. SMITH, WADE, ZURN

MOP SINKS:

STAINLESS STEEL SINKS: ELKAY, JUST, KOHLER SHOWER VALVES & TRIM: AMERICAN STANDARD, DELTA, KOHLER, SPEAKMAN, ZURN, WATER COOLERS: ELKAY, HALSEY TAYLOR, OASIS

- WC-1 WATER CLOSET WALL HUNG FLUSH VALVE 1.28 GPF TOP SPUD: KOHLER COMBO MODEL 72514 SIPHON JET ELONGATED BOWL, 1-1/2" TOP SPUD, WATER SAVER 1.28 GPF FLUSH VALVE, HEAVY DUTY SOLID PLASTIC ELONGATED OPEN FRONT SEAT WITH CHECK HINGE. BOLT CAPS 471310-100. CARRIER BY JOSAM, SMITH OR WADE, AS REQUIRED.
- WC-1H WATER CLOSET WALL HUNG FLUSH VALVE 1.28 GPF TOP SPUD: KOHLER COMBO MODEL 72514 SIPHON JET ELONGATED BOWL, 1-1/2" TOP SPUD, WATER SAVER 1.28 GPF FLUSH VALVE, HEAVY DUTY SOLID PLASTIC ELONGATED OPEN FRONT SEAT WITH CHECK HINGE. BOLT CAPS 471310-100. CARRIER BY
- WC-2 WATER CLOSET FLOOR MOUNT FLUSH VALVE 1.28 GPF TOP SPUD: KOHLER COMBO MODEL 72515 SIPHON JET ELONGATED BOWL, 1-1/2" TOP SPUD. WATER SAVER 1.28 GPF FLUSH VALVE, HEAVY DUTY SOLID PLASTIC ELONGATED OPEN FRONT SEAT WITH CHECK HINGE. BOLT CAPS 471310-100.

JOSAM, SMITH OR WADE, AS REQUIRED. MOUNT AT HABDICAPPED HEIGHT.

UR-1 URINAL - WALL HUNG - FLUSH VALVE - 1/8th GPF TOP SPUD: KOHLER COMBO MODEL 72525 WATER SAVER WITH 3/4" TOP SPUD, SIPHON JET, UR-2 URINAL - WALL HUNG - FLUSH VALVE - 1/8th GPF TOP SPUD - HANDICAPPED:

MOUNT AT HANDICAPPED HEIGHT.

L-1 LAVATORY - COUNTER TOP - HANDICAPPED: KOHLER PENNINGTON K-2196 20-1/4" X 17-1/2" DROP-IN MOUNT VITREOUS CHINA OVAL LAVATORY; SLOAN EBF-650 SENSOR OPERATED FAUCET WITH AERATOR; MCGUIRE 155WC OFFSET GRID DRAIN WITH 1-1/4" TAILPIECE; MCGUIRE 170 STOP-SUPPLY KIT, MCGUIRE 8872C P-TRAP. INSULATE P-TRAP AND SUPPLIES WITH HANDI-LAV INSULATION KIT. ACCEPTABLE ALTERNATE STOP-SUPPLY KIT IS

KOHLER COMBO MODEL 72525 WATER SAVER WITH 3/4" TOP SPUD, SIPHON JET,

- BRASSCRAFT CS400A. ACCEPTABLE ALTERNATE FAUCET IS GLACIER BAY 169. L-2 LAVATORY - WALL HUNG - HANDICAPPED: VITREOUS CHINA, WHITE, KOHLER NO. K-2005 "KINGSTON" LAVATORY WITH 4" FAUCET CENTERS; SLOAN EBF-650 SENSOR OPERATED FAUCET WITH 0.5 GPM AERATOR; 1-1/4" TAILPIECE; MCGUIRE 170 STOP-SUPPLY KIT. MCGUIRE 8872C P-TRAP. MCGUIRE 155WC OFFSET GRID DRAIN. INSULATE P-TRAP AND SUPPLIES WITH HANDI-LAV INSULATION KIT. ACCEPTABLE ALTERNATE STOP-SUPPLY KIT IS BRASSCRAFT CS400A. PROVIDE J.R. SMITH FIG. NO.
- WF-1 WASHFOUNTAIN: BRADLEY MODEL LVRD3-IR-DCD-6315-KT0000-TMA TERREON STANDARD HEIGHT 3-USER WASH FOUNTAIN WITH INFRARED CONTROL FAUCET. THERMOSTATIC MIXING VALVE, COLOR SELECTION BY OWNER. CHROME PLATED 1-1/2" CAST BRASS P-TRAP - 17GA AND SUPPLY STOP AND RISER. FAUCET TO HAVE .5 GPM AREATOR AND BE SET AT A 12 SECOND CYCLE.

710 LABOR SAVER FLOOR MOUNTED FIXTURE SUPPORT.

- MS-1 MOP SINK FLOOR MOUNTED MOLDED STONE BASIN FIAT NO. MSB-2424 WITH NO. 830AA FAUCET, 832AA HOSE & BRACKET & NO. 889-CC-24 MOP HANGER.
- KS-1 KITCHEN SINK SINGLE COMPARTMENT TOP MOUNTED: ELKAY NO. LRAD2521, 25" X 18 1/4" X 4-1/2" DEEP TOP MOUNT STAINLESS STEEL, KOHLER MODEL K-15171-FL-CP CORALAIS SINGLE LEVER FAUCET WITHOUT SPRAY, MCGUIRE 151A STAINLESS STEEL CUP STRAINERS, LK-35 DRAINS (2), CHROME PLATED 1-1/2" P-TRAP AND SUPPLIES WITH STOPS, PROVIDE 1.8 GPM AREATOR ON FAUCET.
- KS-2 BAR SINK TOP MOUNTED: ELKAY LRAD1517. 15" X 17 1/2" X 4-1/2" DEEP TOP MOUNT STAINLESS STEEL. ELKAY LKD 20888 GOOSENECK FAUCET WITH LEVER HANDLES AND LK-58 BASKET STRAINER DRAIN; PROVIDE ANGLE SUPPLIES WITH STOPS.
- ES-1 EMERGENCY SHOWER / EYE WASH HANDICAPPED: BRADLEY NO. S19-310BF WITH 1" STAY-OPEN BALL VALVE WITH PULL ROD FOR SHOWER AND STAINLESS STEEL EYEWASH BOWL WITH FLOW HEADS & PUSH-FLAG, BARRIER FREE. ACCEPTABLE ALTERNATES INCLUDE EQUAL BY GUARDIAN, SPEAKMAN, OR HAWS.
- US-1 UTILITY SINK: FIAT MODEL FL-1 FLOOR MOUNTED UTILITY SINK. PROVIDE 1-1/2" CHROME PLATED

TRAP, SUPPLIES AND STOPS.

DF-1 ELECTRIC WATER COOLER- SPLIT LEVEL: ACORN AQUA MODEL A112108F-CSC3-WF1 HANDICAPPED WATER COOLERS. ONE WITH REFRIGERATION SYSTEM, STAINLESS STEEL BOWLS, FLEXIBLE BUBBLERS, HAND OPERATING CONTROLS AND ANGLE SUPPLY WITH STOP, MCGUIRE 8872C P-TRAP. SPECIFIED WITH CONCEALED COOLER CARRIERS AND INLINE WATER FILTER ON WATER

			WATER	HEATE	CR SCHEI	)ULI	+,		
		STORAGE	GPH	OUTLET	ELECTRICAL CRITERIA	GAS CF	RITERIA	ENERGY	
SYMBOL	LOCATION/MODEL NO.	CAPACITY GALLONS	REC./TEMP. RISE	TEMPERATURE	KW INPUT	BTU INPUT	FLUE SIZE	FACTOR (EF)	NOTES
EWH-1	MAIN OFFICE/ DSE-120	120	30/80°	120°F	6.0				1, 2, 3, 4
EWH-2	WAREHOUSE TOILET ROOM/DSE-50	50	30/80°	120°F	6.0				1, 2, 3, 4
EWH-3	MAINTENANCE AREA/SP8208	TANKLESS	28° @ 2.0 GPM		8.3				1, 2, 3, 5
EWH-4	REMOTE TOILET ROOMS/EX35	TANKLESS	48° @ .5 GPM		3.5				1, 2, 3, 6
EWH-5	BATTERY MAINTENANCE/ ED108480T12 EFD	TANKLESS	32° @ 23 GPM		108				1, 2, 3, 7

- 1. PROVIDE T&P RELIEF VALVE AND VACUUM RELIEF VALVE
- 2. PROVIDE GATE/BALL VALVES WITH UNIONS AND DIELECTRIC FITTINGS ON WATER INLET AND OUTLET CONNECTIONS.
- 3. ALL UNITS SHALL MEET ASHRAE 90.1-2001 AND ALL LOCAL CODE REQUIREMENTS. 4. DESIGN BASIS: A.O. SMITH, COMMERCIAL GRADE GRADE, DURA-POWER, ASME RATING NOT REQ'D.

MOP SINK

US-1

EWC-1

IMS

KITCHEN SINK

UTILITY SINK

EMERGENCY SHOWER/EYE WASH

ELECTRIC WATER COOLER

ICE MAKER SUPPLY

5. DESIGN BASIS: EEMAX SINGLE POINT SP SERIES. 6. DESIGN BASIS: EEMAX SINGLE POINT EX SERIES.

7. DESIGN BASIS: EEMAX SINGLE POINT ED SERIES.

	FIXTURE SCHEDULE					
			MINIMUM SIZE UTILITY	(		
FIXTURE#	FIXTURE TYPE	WASTE CONNECTION	HOT WATER SUPPLY	COLD WATER SUPPLY		
WC-1	WATER CLOSET — WALL HUNG FLUSH VALVE	4"		1"		
WC-1H	WATER CLOSET — WALL HUNG FLUSH VALVE — HANDICAPPED	4"		1"		
WC-2	WATER CLOSET — FLOOR MOUNT FLUSH VALVE — HANDICAPPED	4"		1"		
URL-1	URINAL	2"		3/4"		
URL-2	URINAL – HANDICAPPED	2"		3/4"		
L-1	LAVATORY – COUNTER	1 1/4"	1/2"	1/2"		
L-2	LAVATORY - WALL HUNG	1-1/4"	1/2"	1/2"		
WF-1	WASH FOUNTAIN	1-1/2"	3/4"	3/4"		

1 1/2"

1-1/4"

1-1/2"

1 1/2"

1/2"

1-1/4" TEPID

1/2"

1/2"

1/2"

1/2"

1/2"

F	LOW TEST DATA SCHEDULE				
UPON AWARD OF THE CONTRACT, THE FIRE PROTECTION CONTRACTOR SHALL PERFORM A FLOW TEST ON THE TWO HYDRANTS NEAREST THE SITE AND FORWARD THE TEST DATA TO THE ENGINEER AND ARCHITECT THE FOLLOWING WATER PRESSURE/FLOW DATA WAS OBTAINED FROM:					
HARRINGTON GROUP					
STATIC PRESSURE:	66 PSI				
RESIDUAL PRESSURE:	56 PSI				
FLOW (GPM):	1404 GPM				
ELEVATION OF TEST HYDRANT:					
LOCATION OF TEST HYDRANT:	HYDRANT #4566 - 2867 HOLLY SPRINGS ROAD (GA 82)				
DATE OF TEST:	07/02/2013				
TIME OF DAY OF TEST:	3:30 PM				

### DRAINAGE PRODUCTS/SPECIALTIES

UNLESS OTHERWISE INDICATED NUMBERS ARE JAY R. SMITH. APPROVED EQUAL PRODUCTS: ZURN. JOSAM. WADE. WATTS AND PRECISION PLUMBING PRODUCTS

FCO-CONCRETE FLOORS JAY R. SMITH FIG. 4220 C.I. CLEANOUT WITH GASKET SEAL THREADED PLUG FOR EASY REMOVAL, ADJUSTABLE ROUND CAST IRON TOP WITH SECURING SCREW, SPEEDI-SET OUTLET CONNECTION.

JAY R. SMITH FIG. 4151 C.I. CLEANOUT WITH GASKET SEAL THREADED PLUG FOR EASY REMOVAL, ADJUSTABLE ROUND NICKEL BRONZE TOP RECESSED FOR TILE WITH SECURING SCREW, SPEEDI-SET OUTLET CONNECTION.

FCO-CARPETED FLOORS JAY R. SMITH FIG. 4020-Y C.I. CLEANOUT WITH GASKET SEAL THREADED PLUG. ADJUSTABLE ROUND NICKEL BRONZE TOP COMPLETE WITH STAINLESS STEEL CARPET MARKER WITH SECURING SCREW, SPEEDI-SET OUTLET CONNECTION.

YCO-EXTERIOR PAVED/CONCRETE AREAS JAY R. SMITH FIG. 4261 C.I. FLANGED HOUSING WITH HEAVY DUTY C.I. COVER, LIFTING DEVICE, GASKET SEAL THREADED PLUG, V.P. SCREWS IN COVER.

YCO-EXTERIOR UNSURFACED AREAS JAY R. SMITH FIG. 4261 C.I. FLANGED HOUSING WITH HEAVY DUTY C.I. COVER, LIFTING DEVICE, GASKET SEAL THREADED PLUG, V.P. SCREWS IN COVER. PROVIDE 24" x 12" CONCRETE PAD FLUSH WITH SURFACE.

FD-G - FLOOR DRAINS-GENERAL/RESTROOMS JAY R. SMITH FIG. 2005-B6 SERIES C.I. FLOOR DRAIN WITH 6" DIAMETER SQUARE NICKEL BRONZE STRAINER, SPEEDI-SET OUTLET CONNECTION AND TRAP PRIMER CONNECTION.

FD "M" -FLOOR DRAINS-GENERAL PURPOSE/MECHANICAL ROOM JAY R. SMITH FIG. 3715 SERIES CAST IRON 12" DIAMETER DRAIN WITH SEDIMENT BUCKET, CAST IRON GRATE WITH INTEGRAL 4" FUNNEL, SPEEDI-SET OUTLET CONNECTION.

LAVATORY-WALL HUNG SUPPORT JAY R. SMITH #700 FOR MASONRY WALLS AND #700-M31 FOR METAL STUD WALLS.

ELECTRIC WATER COOLER CARRIER-WALL HUNG JAY R. SMITH FIG. 830 SUPPORT WITH UPRIGHTS OF HIGH STRENGTH STEEL WITH WELDED BASES BOLTED TO FLOOR. FOR STEEL STUD WALLS, USE M31 RECTANGULAR UPRIGHTS.

TP-"A"-AUTOMATIC TRAP PRIMER PPP PRIME-RITE SERIES AUTOMATIC TRAP PRIMER WITH MULTIPLE OUTLET DISTRIBUTION UNITS AS REQUIRED.

WATER HAMMER ARRESTORS J.R. SMITH HYDROTROL WATER HAMMER ARRESTORS. INSTALL IN AN UPRIGHT POSITION AT ALL FLUSH VALVES, DISHWASHERS, PRV STATIONS, AND OTHER QUICK CLOSING VALVES, SOLENOIDS AND PLUMBING FIXTURES. LOCATE AND SIZE AS INDICATED ON DRAWINGS. WHERE NOT SHOWN ON DRAWINGS, LOCATE AND SIZE IN ACCORDANCE WITH PDI STANDARD WH-201.

RD-ROOF DRAINS-INSULATED ROOF JAY R. SMITH FIG. 1015-Y-RC. C.I. BODY WITH FLASHING CLAMP AND SUMP RECEIVER CLAMP, CAST IRON, ADJUSTABLE EXTENSION TO SUIT INSULATION THICKNESS, NO HUB OUTLET

CONNECTION, CAST IRON DOME. JAY R. SMITH FIG. 1080-Y C.I. BODY WITH 2" HIGH WATER DAM AND CAST IRON, NO HUB OUTLET CONNECTION, CAST IRON DOME.

NFHB-HOSEBIBB-EXTERIOR JAY R. SMITH FIG. 5609-QT NON FREEZE 3/4" CAST BRONZE EXPOSED HYDRANT INTEGRAL VACUUM BREAKER, NICKEL BRONZÉ FACE, AND SIZED IN ACCORDANCE WITH WALL THICKNESS.

3/4" ROOF MOUNT PEDESTAL NON-FREEZE HYDRANT COMPLETE WITH MOUNTING FLANGE AND SHROUD, MALE HOSE END OUTLET WITH VACUUM BREAKER, WOODFORD SRH-MS.

WASHING MACHINE UTILITY CONNECTION GUY GRAY MODEL B200 16 GAUGE UTILITY CONNECTION WITH 1/2" ANGLE VALVES AND 2" WASTE. PROVIDE FR-12 SERIES IN ALL FIRE RATED WALLS.

GUY GRAY MODEL BIM875 16 GAUGE SUPPLY WITH 1/2" INLET, AND 1/4" OUTLET ANGLE VALVE. PROVIDE FR-12 SERIES IN ALL FIRE RATED WALLS.

SI-1 - INTERCEPTOR DRAIN AT SCRUBBER DUMP, JAY R. SMITH 3100 SERIES. C.I. FLOOR SINK WITH ACID RESISTANT COATING, 8 1/2" SQUARE FULL NICKEL BRONZE GRATE. FD-"AR" - ACID RESISTANT FLOOR DRAIN ORION AWFDSRD, 4" ACID RESISTANT FLOOR DRAIN

ACID NEUTRALIZATION TANK ORION STYLE 5, 100 GALLON ACID NEUTRALIZATION TANK WITH 4" OUTLET AND 2" VENT PROVIDE EXTENTION AS REQUIRED TO MEET DRAIN INVERT.

ACID RESISTANT PIPING ACID RESISTANT WASTE AND VENT PIPE SHALL BE ORION BLUELINE SCHEDULE 40

POLYPROPLENE PIPING WITH RIONFUSE JOINTS

#### PLUMBING NOTES REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND ELEVATIONS OF ALL

PLUMBING FIXTURES. ALL PLUMBING WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE 2006 INTERNATIONAL PLUMBING CODE (WITH 2013 GEORGIA AMENDMENTS) AND ALL APPLICABLE LOCAL CODES AND ORDINANCES.

> ALL GAS PIPING WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE 2006 INTERNATIONAL FUEL GAS CODE (WITH 2013 GEORGIA AMENDMENTS) AND ALL APPLICABLE LOCAL CODES AND ORDINANCES.

- ALL PIPING ABOVE GRADE SHALL BE PROPERLY SUPPORTED FROM THE BUILDING STRUCTURE AND SHALL NOT REST ON CEILING TILES OR BE SUPPORTED FROM
- WATER PIPING ROUTED ABOVE CEILING AND IN EXTERIOR WALLS SHALL BE ROUTED ON HEATED SIDE (UNDERSIDE) OF CEILING INSULATION AND HEATED SIDE (INSIDE)
- SANITARY AND DRAINAGE PIPING 2" AND SMALLER SHALL BE SLOPED AT 1/4" PER FOOT

MINIMUM, PIPING 3" AND LARGER SHALL BE SLOPED AT 1/8" PER FOOT MINIMUM.

- TOPS OF ALL FLOOR DRAINS AND CLEANOUTS SHALL BE SET FLUSH WITH FINISHED FLOOR. TRAP PRIMERS ARE TO BE PROVIDED ON ALL FLOOR DRAINS AND HUB DRAINS NOT RECEIVING CONTINUOUS DISCHARGES. TP "L" LAVATORY WASTE TRAP PRIMERS ARE TO BE PROVIDED ON DRAINS IN PUBLIC RESTROOMS, AND OTHER AREAS WITH DRAINS ADJACENT TO LAVATORIES. TP "A" AUTOMATIC TRAP PRIMERS ARE TO BE PROVIDED IN ALL OTHER
- PLUMBING AND FIRE PROTECTION PIPING IS NOT TO BE INSTALLED IN ELECTRICAL ROOMS, ELECTRICAL CLOSETS, TELEPHONE ROOMS, OR ELEVATOR EQUIPMENT ROOMS EXCEPT PIPING SERVING THAT SPECIFIC ROOM.
- LOCATE ALL SECTIONAL OR MAIN CONTROL VALVES WITHIN 1'-0" FROM ACCESS PANELS, CEILING TILES, OR OTHER POINT OF ACCESS.

REQUIRED LOCATIONS.

- ALL COLD WATER, HOT WATER AND DRAIN PIPING AT HANDICAPPED FIXTURES SHALL BE INSULATED WITH HANDI-LAV GUARD MODELS 102 AND 105 INSULATION KITS UNLESS A KNEE WALL IS PROVIDED.
- PROVIDE SHOCK ABSORBERS SIZED PER PDI SPECIFICATIONS ON ALL DOMESTIC WATER LINES SERVING FLUSH VALVE FIXTURES, WASHING MACHINES SUPPLIES, PRV STATIONS AND OTHER INSTALLATIONS WITH QUICK CLOSING VALVES.
- PROVIDE REDUCED PRESSURE BACKFLOW PREVENTORS AT ALL DOMESTIC WATER CONNECTIONS TO MECHANICAL EQUIPMENT, IRRIGATION CONNECTIONS, AND VENDING EQUIPMENT CONNECTIONS AS REQUIRED BY LOCAL CODE AND AUTHORITIES. BACKFLOW PREVENTORS ARE TO BE LOCATED WITH A MINIMUM OF 1'-0" CLEARANCE AT THE LOWEST POINT AND AT NO MORE THAN 5'-0" ABOVE FLOOR AT THE HIGHEST POINT OF THE DEVIC
- PROVIDE MANUFACTURED EXPANSION DEVICE OR FABRICATED EXPANSION LOOP ON ALL PIPING SYSTEMS CROSSING BUILDING EXPANSION JOINTS.
- CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL PLUMBING EQUIPMENT WITH THE ELECTRICAL DRAWINGS AND THE ELECTRICAL CONTRACTOR, AND SHALL FURNISH EQUIPMENT WIRED FOR THE VOLTAGES SHOWN THEREIN.
- 6. ALL PLUMBING EQUIPMENT, PIPING, INSULATION, ETC. INSTALLED IN HVAC PLENUM SPACES SHALL MEET CODE REQUIREMENTS FOR SMOKE AND COMBUSTIBILITY.
- ALL PLUMBING EQUIPMENT AND SYSTEMS SHALL BE GUARANTEED FOR A MINIMUM PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE.
- 18. ALL PIPE PENETRATIONS OF FIRE AND/OR SMOKE RATED ASSEMBLIES SHALL BE FIRE STOPPED AS REQUIRED TO RESTORE ASSEMBLY TO ORIGINAL INTEGRITY. FIRE BARRIER PRODUCTS SHALL BE AS MANUFACTURED BY 3M COMPANY: CP25 CAULK, CS195 COMPOSITE PANEL, PSS 7900 OR FS195 WRAP/SRINK. ACCEPTABLE ALTERNATE MANUFACTURERS: TREMCO, HILTI, METACAULK, NELSON SYSTEMS.
- 19. PROVIDE AN INLINE FILTER ON THE DOMESTIC WATER SUPPLY TO ALL ICE MACHINES, FILTRINE MODEL 4TM OR ENGINEER APPROVED EQUAL.

SYMBOL	ABBREVIATION	IBING LEGEND  DESCRIPTION
51 mB0L	A/C	ABOVE CEILING
	AD	AREA DRAIN
	A/F	ABOVE FLOOR
	AFF	ABOVE FINISHED FLOOR
	AFG	ABOVE FINISHED GRADE
	A/P	ACCESS PANEL
	B/C	BELOW COUNTER
	B/F	BELOW FLOOR
	B/G	BELOW GRADE
2-	BV	HOT WATER RETURN BALANCING VALVE
	CV	CHECK VALVE
	CW	COLD WATER PIPING
G	DN	PIPING TURNING DOWN
0	ERD	EMERGENCY ROOF DRAIN
ERL—	ERL	EMERGENCY RAIN LEADER
•	FCO	FLOOR CLEANOUT
<u> </u>	FD	FLOOR DRAIN
G	G	GAS PIPING - LOW PRESSURE
—_MG——	MG	GAS PIPING - MEDIUM PRESSURE
$\longrightarrow$	GV	GATE/BALL VALVE
<b>→</b> ,	HB/NFHB	HOSE BIBB/NON-FREEZE HOSE BIBB
	H.C.	HANDICAPPED
<u></u>	HD	HUB DRAIN
	HW	HOT WATER PIPING
	HWR	HOT WATER RETURN PIPING
	0/н	OVER HEAD
œ <del></del>		P-TRAP
	PRV	PRESSURE REDUCING VALVE
0	RD	ROOF DRAIN
XTX	RPBP	REDUCED PRESSURE BACKFLOW PREVENTOR
—-S——	S,W	SOIL, WASTE PIPING (ABOVE GROUND)
s	S,W	SOIL, WASTE PIPING (BELOW GROUND)
<del></del>	SA	SHOCK ABSORBER
ST	ST	STORM DRAINAGE PIPING (ABOVE GROUND)
——ST——	ST	STORM DRAINAGE PIPING (BELOW GROUND)
	TP	TRAP PRIMER
		UNION
0	UP	PIPING TURNING UP
	V	VENT PIPING
		1

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VENT THRU ROOF

WALL CLEANOUT

YARD CLEANOUT

WALL HYDRANT/NON-FREEZE WALL HYDRANT

VTR

WCO

WH/NFWH

YCO

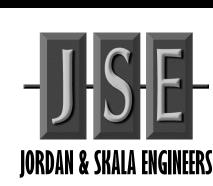
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PROJECT INFORMATION

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ROJECT NO 07/31/2013 2013-018

# SHEET TITLE NOTES,

LEGENDS, & **ABBREVIATIONS** - PLUMBING

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FOR CONSTRUCTION