					TR	IM				MINIMUM	CONNECTIO	N SIZES (IN)				
IXTURE TAG	DESCRIPTION	MANUFACTURER	MODEL	MANUFACTURER	MODEL	TYPE	MOTION SENSOR	COLD	COLD WATER		/ATER	DRAIN		VENT	SPECIFICATION	REMARKS
				MANUFACTURER	MIODEL	ITPE	CONTROL	SIZE	FU	SIZE	FU	SIZE	DFU	VENI		
LAV-1	LAVATORY - WALL MOUNTED - BARRIER FREE - ADA	AMERICAN STANDARD	WHEELCHAIR USERS LAVATORY	KOHLER	K-13462	ELECTRONIC	YES	1/2	1.5	1/2	1.5	1-1/2	1	1-1/2	VITREOUS CHINA, 20" X 27" WALL MOUNT SINK W/ 14" WIDE, 14-3/4" FRONT TO BACK, 4-3/4" DEEP BOWL, FRONT OVERFLOW, CONCEALED ARMS SUPPORT, FAUCET LEDGE. FAUCET CENTER HOLE ONLY. ASME A112.19.2 CERTIFIED.	PROVIDE ZURN Z1231 CONCEAL WALL-MOUNTED LAVATORY SU SYSTEM.
WC-1	WATER CLOSET - FLUSH VALVE - WALL MOUNTED - BARRIER FREE - ADA	AMERICAN STANDARD	AFWALL MILLENIUM FLOWISE TOILET SYSTEM	AMERICAN STANDARD	SELECTRONIC FLUSH VALVE	ELECTRONIC	YES	1	10	-	-	4	4	2	VITREOUS CHINA, 26" X 14" X 15" WALL-MOUNTED FLUSHOMETER VALVE TOILET, CONVENTIONAL GLAZE, SENSOR OPERATED 1.28/1.1 GPF DUAL FLUSH, 1-1/2" TOP SPUD. ASME A112.19.2 CERTIFIED.	PROVIDE ZURN Z1202-N4 NO WATER CLOSET CARRIER SYST SINGLE WATER CLOSETS
SK-1	SERVICE SINK	ADVANCE TABCO	FS-WM-1-ADA-F	AMERICAN STANDARD	8350.235	MANUAL	NO	1/2	2.25	1/2	2.25	3	2	1-1/2	14 GAUGE TYPE "304" STAINLESS STEEL, 1-5/8" TUBULAR "304" STAINLESS STEEL WALL BRACKETS, STAINLESS STEEL GUSSETS 8" O.C. FAUCET HOLES PUNCHED. ALL TIG WELDED, WELDED AREAS BLENDED TO MATCH ADJACENT SURFACES AND TO A SATIN FINISH. DIE FORMED TUBULAR WALL BRACKETS. 8-1/2" HIGH BACKSPLASH, 5" SINK BOWL DEPTH. NSF 61 STANDARD 9 COMPLIANT.	EW
HB-1	INTERIOR HOSE BIBB WITH KEY	MURDOCK	8121CP-LF	-	5	MANUAL	•	3/4	-	-		-		•	HEAVY BRASS BODY, FURNISHED WITH A LOCK SHIELD BONNET AND REMOVABLE LOOSE KEY HANDLE. VACUUM BREAKERS ARE ATMOSPHERIC TYPE AND CONFORM TO THE REQUIREMENTS OF ASSE STANDARD 1011.	=
FD-1	FLOOR DRAIN - SEE NOTE 3	ZURN	Z415SL	».	-	-		-	-		-	3	2	2	FLOOR AND SHOWER DRAIN, DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE COLLAR WITH SEEPAGE SLOTS AND "TYPE SL" POLISHED, NICKEL BRONZE SQUARE, WIDE FLANGED, LIGHT DUTY STRAINER.	
CB-1	CATCH BASIN	ZURN	Z887-24-HD	•	-	-		-	-	_	-	4	-	·	CATCH BASIN SHALL BE 23·1/4" WIDE REVEAL X 24-5/8" LONG AND 24" DEEP. CATCH BASIN SHALL BE MADE OF 0% WATER ABSORBENT HDPE. SHALL MECHANICALLY LOCK INTO THE CONCRETE SURROUND. BASIN SHALL WEIGH LESS THAN 20.0 LBS. CATCH BASIN SHALL HAVE REBAR CLIPS STANDARD TO SECURE BASIN IN ITS FINAL LOCATION. SHALL BE PROVIDED WITH STANDARD DGC GRATES THAT LOCK DOWN TO FRAME. ZURN 22-1/4" WIDE REVEAL DUCTILE IRON SLOTTED GRATE CONFORMING TO ASTM SPECIFICATION A536-84, GRADE 80-55-06. DUCTILE IRON GRATE IS RATED CLASS C PER THE DIN EN 1433 TOP LOAD CLASSIFICATION. SUPPLIED IN 24" NOMINAL LENGTH WITH 11/16 WIDE SLOTS, AND 2-1/2" BEARING DEPTH. GRATE HAS AN OPEN AREA OF 164.00 SQ IN. PER FT. THE 1/4" THICK HEAVY DUTY FRAME ASSEMBLY CONFORMS TO EITHER ASTM SPECIFICATION A36 OR A536-84, WITH 4-4 LONG CONRETE ANCHORS PER BASIN. THE FRAME IS SUPPLIED WITH A PODER COATED FINISH. ALL WELDS MUST BE PERFORMED BY A CERTIFIED WELDER PER ASTM STANDARD AWS D1.1. FRAMES SHALL BE PRODUCED IN USA.	
EW-1	EMERGENCY EYEWASH STATION	HAWS	7360B-7460B	-	-	-		1/2	-	1/2			-		WALL MOUNTED EYE/FACE WASH SHALL INCLUDE A STAINLESS STEEL 11" ROUND BOWL, AN AXION MSR EYE/FACE WASH HEAD SUPPLIED BY AN INTEGRAL FLOW CONTROL, CHROME-PLATED BRASS STAY-OPEN BALL VALVE EQUIPPED WITH STAINLESS STEEL BALL AND STEM, AND CHROME-PLATED BRASS IN-LINE 50 X 50 MESH WATER STRAINER. UNIT SHALL ALSO INCLUDE CAST-ALUMINUM CHROMATE PROTECTED WALL BRACKET, YELLOW PLASTIC POP-OFF DUST COVER FOR EYEWASH HEAD, TAILPIECE, UNIVERSAL SIGN, 1/2" IPS INLET AND 1-1/2" IPS WASTE.	PROVIDE THERMOSTATIC MIX VALVE HAWS MODEL 9201E OUTLET TEMPERATURE SHAL SET TO 80 DEGREES F.

NOTES

1. CHROME PLATE ALL DRAIN PIPE, FITTINGS, P-TRAPS AND SUPPLY LINES THAT ARE EXPOSED, LOCATED WITHIN VANITIES OR ACCESSIBLE CABINETS OR BEHIND WATER CLOSETS

2. MINIMUM CONNECTION SIZES INDICATED ARE EQUIPMENT CONNECTION SIZES OR CODE MINIMUM SIZES, SEE PLANS AND DIAGRAMS FOR ACTUAL SIZES REQUIRED

3. ALL FLOOR DRAINS SHALL HAVE TRAP SEALS. MANUFACTURER: ZURN; Z1072

4. INSULATE EXPOSED DRAIN AND SUPPLY PIPING FOR HANDICAPPED FIXTURES WITH TRUEBRO LAV GUARD.

WATER HEATER [ELECTRIC]

			EQUIPMENT SPECIFICATIONS								MINIMUM PERFORMANCE OF WATER HEATING (NYSECC TABLE C404.2)				E C404.2)		
EQUIPMENT NO.	LOCATION	SYSTEM SERVED	ELECTRIC POWER	RECOVERY GPH AT 100 DEG RISE	WATER CONNECTION	MNF	MODEL NO.	NOMINAL DIMENSION DIA x H	CAPACITY (GAL)	NOMINAL OPERATING WEIGHT (LBS.)	VOLTS / PHASE	EQUIPMENT TYPE	SIZE CATEGORY	SUBCATEGORY	PERFORMANC E REQUIRED 0.97-0.00132V EFFICIENCY	WATER HEATER EFFICIENCY	SPECIFICATIONS
WH-1	MEZZANINE	BUILDING	3,000 W	12 GAL.	3/4"	A.O. SMITH	DEL-6	14.25" X 15.5"	6	85	208/1	WATER HEATER, ELECTRIC	< 12 KW	RESISTANCE		-	HEATER SHALL HAVE 150 PSI WORKING PRESSURE AND BE EQUIPPED WITH EXTRUDED HIGH DENSITY ANODE ROD. EACH ELEMENT SHALL BE CONTROLLED BY AN INDIVIDUALLY MOUNTED THERMOSTAT AND HIGH TEMPERATURE CUTOFF SWITCH. THE OUTER JACKET SHALL BE OF BAKED ENAMEL FINISH AND SHALL BE PROVIDED WITH FULL SIZE CONTROL COMPARTMENT FOR PERFORMANCE OF SERVICE AND MAINTENANCE THROUGH FRONT PANELS AND SHALL ENCLOSE THE TANK WITH FOAM INSULATION. THE DRAIN VALVE SHALL BE LOCATED IN THE FRONT FOR EASE OF SERVICING. HEATER TANK SHALL SHALL A THREE YEAR LIMITED WARRANTY AS OUTLINED IN THE WRITTEN WARRANTY. FULLY ILLUSTRATED INSTRUCTION MANUAL TO BE INCLUDED.

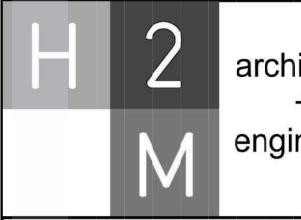
EXPANSION TANK SCHEDULE

	LAFANSIO	IN TAINE SC	SHEDULE										
Ì			SYSTEM	PERFORM	EQUIPMENT SPECIFICATIONS								
	EQUIPMENT NO.	LOCATION	SERVED	ESTIMATED VOLUME (GAL.)	MAX. OPERATING PRESS. RANGE (PSIG)	MAX. OPERATING TEMP. RANGE (DEG. F)	MNF	MODEL NO.	DIMENSION DIA. x H	WATER CONNECTION	OPERATING WEIGHT (LBS.)		REMARKS
	ET-1	MEZZANINE	HOT WATER HEATING	2.0	150	200	AMTROL	ST-5	8" X 13"	3/4"	7	I LIDETUENE TODOCAT EINIGU WATED CIDOLII ATOD AND DDO JECTIONIWEI DED AID VALVE	CONTRACTOR TO SET PRESSURE OF EXPANSION TANK TO MATCH WATER SUPPLY PRESSURE PRIOR TO INSTALLATION. EXPANSION TANK TO BE MOUNTED VERTICALLY.

MIXING VALVE												
EQUIPMENT		BASIS OF DESIGN INFORMATION										
NO.	LOCATION	MAXIMUM PRESSURE RANGE	MINIMUM FLOW	MAXIMUM FLOW	MANUFACTUER	MODEL	NOMINAL DIMENSIONS (W X H)					
MV-1	LAVATORY	125 PSI	0.25 GPM	12 GPM	LEONARD	270-LF	5" X 5.5"					
MV-2	EMERGENCY EYEWASH STATION	125 PSI	1 GPM	12 GPM	HAWS	9201EFE	4-1/2" X 5-1/4"					

INTERCEPTOR SCHEDULE

EQUIPMENT				BASIS	OF DESIGN INFORM	IATION					
NO.	LOCATION	FLUID	FLOW (GPM)	INLET AND OUTLET SIZE	MANUFACTUER	MODEL	NOMINAL DIMENSIONS (L X W X H)	SPECIFICATION	REMARKS		
SI-1	OPEN FLOOR	SAND	50	4"	ZURN	Z1187-SI-E		INTEGRAL EVIENGIAN ALMO IIID NII ET/OUTLET	INTERCEPTOR TO BE INSTALLED FLUSH WITH F.F. PROVIDE NO-HUB INLET/OUTLETS. PROVIDE EXTRA-HEAVY-DUTY REINFORCED COVER FOR VEHICULAR TRAFFIC.		



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CONSULTANTS:	

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VAILS GATE FIRE DISTRICT

New Storage Building (Phase I) New Fire Station (Phase II)



872 Blooming Grove Turnpike New Windsor, NY 12553

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