

WALLS

WALLS

<u>TYPE OF INSULATION</u>	<u>INSULATION TYPE *</u>	<u>HEATING ONLY</u>
<u>TYPE OF INSULATION LOCATION</u> INSULATION EXTENDING TO OUTSIDE SURFACE INSULATION LOCATED INSIDE & WITHIN FLOOR-CEILING SPACES		
WITHIN THE CONDITIONED SPACE OR WITHIN A JOINT SPACE OF THE BUILDING		

NOT REQUIRED NOT REQUIRED

WHERE BOTH ARE USED FOR BOTH HEATING & COOLING, THE INSULATION SHOULD BE AS REQUIRED FOR MOST DETERMINATIVE CONDITION.

INSULATION MAY BE OMITTED IN THAT PORTION OF A WALL WHICH IS LOCATED WITHIN A WALL OF A FLOOR-CEILING SPACE WHERE BOTH SIDES OF THIS SPACE ARE EXPOSED TO CONDITIONED AIR & WHERE THIS SPACE IS NOT VENTILATED OR OTHERWISE EXPOSED TO UNCONDITIONED AIR.

INSULATION TYPE

- A - 2 INCH MIN. MINERAL FIBER BULKHEAD
 OR 2 INCH MIN. MINERAL FIBER BULKHEAD (JOINT LINE)
- B - 2 INCH MIN. MINERAL FIBER BOARD
 MATERIAL WITH A PERMEANCE OF AIR OF LESS
- C - 1/2 INCH MIN. MINERAL FIBER BULKHEAD
 OR 1/2 INCH MIN. MINERAL FIBER BULKHEAD (JOINT LINE)
 OR 1/2 INCH MIN. MINERAL FIBER BOARD
 MATERIAL WITH A PERMEANCE OF AIR OF LESS
- D - WATERPROOF BARRIER

OR TYPING SHALL BE INDICATED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

PLUMBING SYMBOLS & ABBREVIATIONS					
SYMBOL	ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION	
	S or W	SANITARY SOIL OR WASTE	ASB	ASBESTOS	
	S or W	SANITARY SOIL OR WASTE	ASFP	ASBESTOS AVENT PIPE	
	V	VENT	B	AT BELOW	
	CW	COLD WATER	AP	ACCESS PANEL	
	HW	HOT WATER	DBL	BELOW	
	HWRR	HOT WATER RETURN	GB	GATCH BACHIN	
	SD	STORM DRAIN	GB	GOING	
	OSD	OVERFLOW STORM DRAIN	GI	CAST IRON	
	G	FUEL GAS	CGC	CONCRETE	
	IW	INDIRECT WASTE	CON	CONNECTION	
	FS	FIRE SPRINKLER	DN	DOWN	
	FCR	FLOOR CLEANOUT	DS	DRAWING	
	WC	WALL CLEANOUT	EW	EACH WAY	
	H	HEAD	EXP	EXPANDED	
	SV	SHUT-OFF VALVE	ELN	ELEVATION	
	CV	CHECK VALVE	FE	FIRE EXTINGUISHER	
	STR	STRAINER	FEG	FIRE EXTINGUISHER & GASNET	
	U	UNION	FHC	FIRE HOSE CABINET	
	FSH	FIRE SPRINKLER HEAD (AUTOMATIC)	FLR	FLOOR	
	FS	FLOW SWITCH	FR	FINISH GRADE	
	FC	FLOW CONTROL	FIN	FINISH GRADE	
	P-T	PRESSURE-TEMPERATURE GAUGE	GR	GRADE	
	PG	PRESSURE GAUGE	H.L.	HOUSE LATERAL	
	T	THERMOMETER	HAN	HOSE GATE VALVE	
	HS	HOT STEAM PIPE	HBR	HEAD	
	ICW	INDUSTRIAL COLD WATER	HS	HIGH ELEVATION	
	180°HW	180°F HOT WATER	M.H.	MANHOLE	
			N.C.	NOT IN CONTRACT	
			POG	POINT OF CONNECTION	
			R.H.G.	ROOF HOSE OUTLET	
			AB	APLASH BLOCK	
			LOS	UNDER OTHER SECTIONS	
			VB	VACUUM BREAKER	
			VTR	VENT THRU ROOF	
			W	WITH	
			WH	WATER HEATER	

Hand-drawn schematic diagram of a typical fuel detail for a nuclear reactor. The diagram shows a vertical assembly with various components labeled. At the top, a 'FUEL ROD' is shown with a 'FUEL ROD GUIDE' and 'FUEL ROD SUPPORT'. Below this is a 'FUEL ROD' with a 'FUEL ROD GUIDE' and 'FUEL ROD SUPPORT'. The central part is a 'FUEL ROD' with a 'FUEL ROD GUIDE' and 'FUEL ROD SUPPORT'. The bottom part is a 'FUEL ROD' with a 'FUEL ROD GUIDE' and 'FUEL ROD SUPPORT'. The diagram is labeled 'TYPICAL FUEL DETAIL' and includes a scale bar and a logo.

PLUMBING FIXTURE CONNECTION SCHEDULE											
ITEM	DESCRIPTION	SIZE OF WATER	TRIP	WALT	COND. WATER	NET WATER	APPROXIMATE	AMOUNT PLUMBING	COND. WATER	PLUMBING WATER	REMARKS
W1 1	WATER CLOSET	2"	1/4"	2"	1/4"	0	W1	4	0	0	PER HTR, TANK TYPE - PRIVATE
W2 2	BR	2"	1/4"	2"	1/4"	0	W2	4	0	0	PER HTR, TANK TYPE, ELONGATED BOWL - HOUF
L 1	LAVATORY	1 1/2"	1/4"	1 1/2"	1/4"	1/2"	L	1	1	1	COLLECTOR HTR, FOR UP MIXING VALVE, LEVER HANDLE
L 2	BR	1 1/2"	1/4"	1 1/2"	1/4"	1/2"	L	1	2	2	WALL HUNG, MIX FAUCET W/LEVER, HANDLAMPED
KD 1	KITCHEN SINK	2"	1/2"	1 1/2"	1/2"	1/2"	KD	2	2	2	COLLECTOR HTR, STRAINER, DILL CROSS - 1/2" TUBULAR
BT 1	BATH TUB	2"	1/2"	1 1/2"	1/2"	1/2"	BT	2	2	2	TUB/SAFE, OVER RIM FILLER, FOR MIXING VALVE, SHR. HTR
WM 1	WASHING MACHINE	2"	1/2"	1 1/2"	1/2"	1/2"	WM	2	2	2	W/2 STRAIGHT, 1/2" HTR, RECESSED EOL
HB 1	HOSE BIBB	0	0	0	0	0	HB	0	0	0	SMALL, ROUGH BRASS PLUMB.
HB 2	BR	0	0	0	0	0	HB	0	0	0	MEDIUM, ROUGH BRASS, W/ND
SHR 1	SHOWER	2"	2"	1 1/2"	1/2"	0	SHR	2	4	4	SHR/SAFE, PD VALVE, SHR. HTR, SHR/SAFE
FD 1	FLOOR DRAIN	2"	2"	1 1/2"	0	0	FD	2	0	0	SMALL - P.U.E. TOP

[illegible]

I HAVE REVIEWED THE ENERGY CONSERVATION
STANDARD FOR RESIDENTIAL BUILDINGS AND I
FIND THE DESIGN AND CALCULATIONS SUBMITTED
SUBSTANTIALLY CONFORMS WITH THESE REGULA-
TIONS.

Charles W. Sculston

Charles W. Sculston

no.	date	by
revision		
Group		
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project title		
RECEIVED ☐ NO EXCEPTIONS TAKEN ☐ REJECTED — RESUBMIT ☒ (AMEND AS NOTED AND RESUBMIT)		
THE PROJECT CONTRACTOR HAS ACCEPTED THE DESIGN CONCEPT OF THE PROJECT. CONTRACTOR HAS AGREED TO MAKE THE NECESSARY REVISIONS TO BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL. THE CONTRACTOR HAS AGREED TO BE RESPONSIBLE FOR THE DESIGN OF THE PROJECT. THE CONTRACTOR HAS AGREED TO BE RESPONSIBLE FOR THE DESIGN OF THE PROJECT.		
EDWARDS + PITMAN SANTA BARBARA, CALIFORNIA		
BY	DATE	SEP 06 1988
sheet title		
DETAILS & SCHEDULES		
scale	NOTED	date
drawn	as	checked C.W.E.
project no.	sheet no.	M-6

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