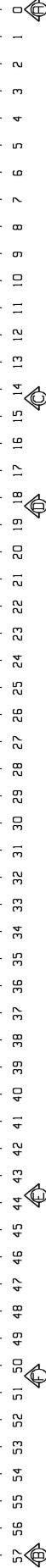
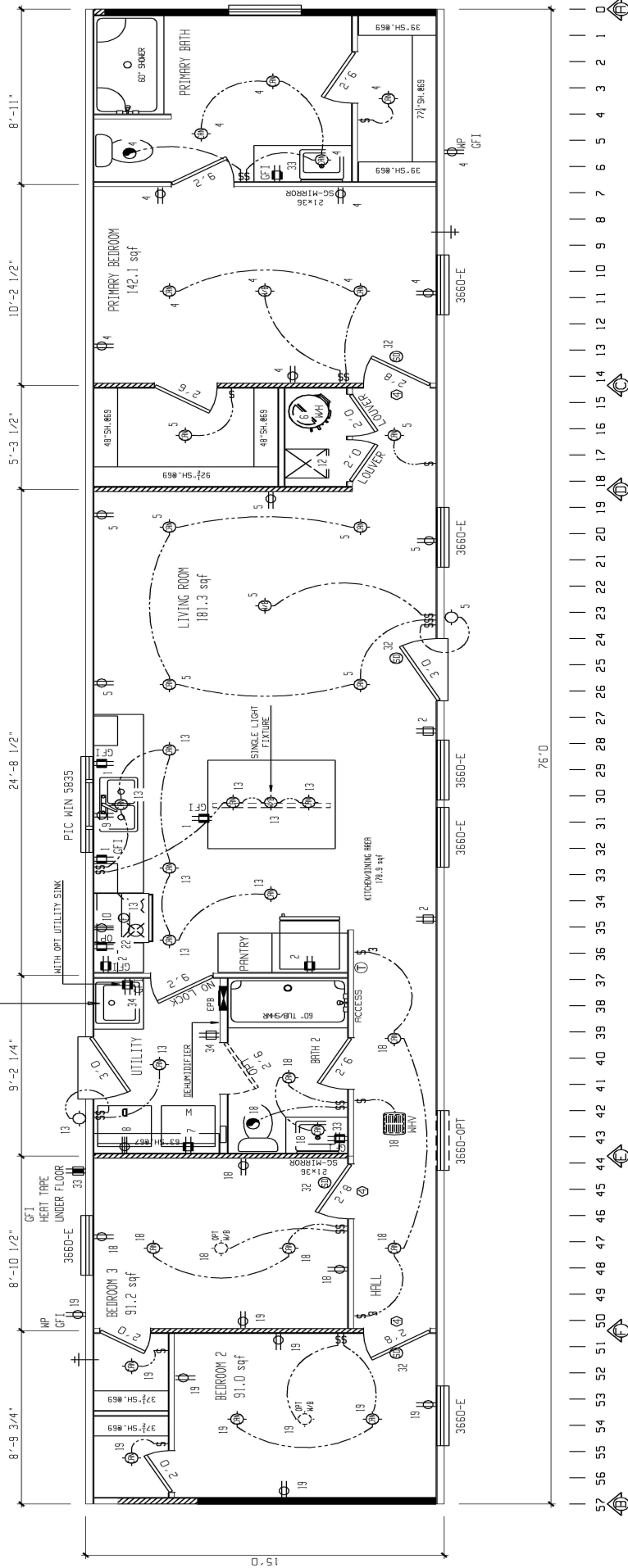


OPTION UTILITY SINK
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957-5406.0

WIND-1		WIND-2		WIND-3		WIND-4		WIND-5		WIND-6		WIND-7		WIND-8		WIND-9		WIND-10		WIND-11		WIND-12		WIND-13		WIND-14		WIND-15		WIND-16		WIND-17		WIND-18		WIND-19		WIND-20		WIND-21		WIND-22		WIND-23		WIND-24		WIND-25		WIND-26		WIND-27		WIND-28		WIND-29		WIND-30		WIND-31		WIND-32		WIND-33		WIND-34		WIND-35		WIND-36		WIND-37		WIND-38		WIND-39		WIND-40		WIND-41		WIND-42		WIND-43		WIND-44		WIND-45		WIND-46		WIND-47		WIND-48		WIND-49		WIND-50		WIND-51		WIND-52		WIND-53		WIND-54		WIND-55		WIND-56		WIND-57		WIND-58		WIND-59		WIND-60		WIND-61		WIND-62		WIND-63		WIND-64		WIND-65		WIND-66		WIND-67		WIND-68		WIND-69		WIND-70		WIND-71		WIND-72		WIND-73		WIND-74		WIND-75		WIND-76		WIND-77		WIND-78		WIND-79		WIND-80		WIND-81		WIND-82		WIND-83		WIND-84		WIND-85		WIND-86		WIND-87		WIND-88		WIND-89		WIND-90		WIND-91		WIND-92		WIND-93		WIND-94		WIND-95		WIND-96		WIND-97		WIND-98		WIND-99		WIND-100		WIND-101		WIND-102		WIND-103		WIND-104		WIND-105		WIND-106		WIND-107		WIND-108		WIND-109		WIND-110		WIND-111		WIND-112		WIND-113		WIND-114		WIND-115		WIND-116		WIND-117		WIND-118		WIND-119		WIND-120		WIND-121		WIND-122		WIND-123		WIND-124		WIND-125		WIND-126		WIND-127		WIND-128		WIND-129		WIND-130		WIND-131		WIND-132		WIND-133		WIND-134		WIND-135		WIND-136		WIND-137		WIND-138		WIND-139		WIND-140		WIND-141		WIND-142		WIND-143		WIND-144		WIND-145		WIND-146		WIND-147		WIND-148		WIND-149		WIND-150		WIND-151		WIND-152		WIND-153		WIND-154		WIND-155		WIND-156		WIND-157		WIND-158		WIND-159		WIND-160		WIND-161		WIND-162		WIND-163		WIND-164		WIND-165		WIND-166		WIND-167		WIND-168		WIND-169		WIND-170		WIND-171		WIND-172		WIND-173		WIND-174		WIND-175		WIND-176		WIND-177		WIND-178		WIND-179		WIND-180		WIND-181		WIND-182		WIND-183		WIND-184		WIND-185		WIND-186		WIND-187		WIND-188		WIND-189		WIND-190		WIND-191		WIND-192		WIND-193		WIND-194		WIND-195		WIND-196		WIND-197		WIND-198		WIND-199		WIND-200		WIND-201		WIND-202		WIND-203		WIND-204		WIND-205		WIND-206		WIND-207		WIND-208		WIND-209		WIND-210		WIND-211		WIND-212		WIND-213		WIND-214		WIND-215		WIND-216		WIND-217		WIND-218		WIND-219		WIND-220		WIND-221		WIND-222		WIND-223		WIND-224		WIND-225		WIND-226		WIND-227		WIND-228		WIND-229		WIND-230		WIND-231		WIND-232		WIND-233		WIND-234		WIND-235		WIND-236		WIND-237		WIND-238		WIND-239		WIND-240		WIND-241		WIND-242		WIND-243		WIND-244		WIND-245		WIND-246		WIND-247		WIND-248		WIND-249		WIND-250		WIND-251		WIND-252		WIND-253		WIND-254		WIND-255		WIND-256		WIND-257		WIND-258		WIND-259		WIND-260		WIND-261		WIND-262		WIND-263		WIND-264		WIND-265		WIND-266		WIND-267		WIND-268		WIND-269		WIND-270		WIND-271		WIND-272		WIND-273		WIND-274		WIND-275		WIND-276		WIND-277		WIND-278		WIND-279		WIND-280		WIND-281		WIND-282		WIND-283		WIND-284		WIND-285		WIND-286		WIND-287		WIND-288		WIND-289		WIND-290		WIND-291		WIND-292		WIND-293		WIND-294		WIND-295		WIND-296		WIND-297		WIND-298		WIND-299		WIND-300		WIND-301		WIND-302		WIND-303		WIND-304		WIND-305		WIND-306		WIND-307		WIND-308		WIND-309		WIND-310		WIND-311		WIND-312		WIND-313		WIND-314		WIND-315		WIND-316		WIND-317		WIND-318		WIND-319		WIND-320		WIND-321		WIND-322		WIND-323		WIND-324		WIND-325		WIND-326		WIND-327		WIND-328		WIND-329		WIND-330		WIND-331		WIND-332		WIND-333		WIND-334		WIND-335		WIND-336		WIND-337		WIND-338		WIND-339		WIND-340		WIND-341		WIND-342		WIND-343		WIND-344		WIND-345		WIND-346		WIND-347		WIND-348		WIND-349		WIND-350		WIND-351		WIND-352		WIND-353		WIND-354		WIND-355		WIND-356		WIND-357		WIND-358		WIND-359		WIND-360		WIND-361		WIND-362		WIND-363		WIND-364		WIND-365		WIND-366		WIND-367		WIND-368		WIND-369		WIND-370		WIND-371		WIND-372		WIND-373		WIND-374		WIND-375		WIND-376		WIND-377		WIND-378		WIND-379		WIND-380		WIND-381		WIND-382		WIND-383		WIND-384		WIND-385		WIND-386		WIND-387		WIND-388		WIND-389		WIND-390		WIND-391		WIND-392		WIND-393		WIND-394		WIND-395		WIND-396		WIND-397		WIND-398		WIND-399		WIND-400		WIND-401		WIND-402		WIND-403		WIND-404		WIND-405		WIND-406		WIND-407		WIND-408		WIND-409		WIND-410		WIND-411		WIND-412		WIND-413		WIND-414		WIND-415		WIND-416		WIND-417		WIND-418		WIND-419		WIND-420		WIND-421		WIND-422		WIND-423		WIND-424		WIND-425		WIND-426		WIND-427		WIND-428		WIND-429		WIND-430		WIND-431		WIND-432		WIND-433		WIND-434		WIND-435		WIND-436		WIND-437		WIND-438		WIND-439		WIND-440		WIND-441		WIND-442		WIND-443		WIND-444		WIND-445		WIND-446		WIND-447		WIND-448		WIND-449		WIND-450		WIND-451		WIND-452		WIND-453		WIND-454		WIND-455		WIND-456		WIND-457		WIND-458		WIND-459		WIND-460		WIND-461		WIND-462		WIND-463		WIND-464		WIND-465		WIND-466		WIND-467		WIND-468		WIND-469		WIND-470		WIND-471		WIND-472		WIND-473		WIND-474		WIND-475		WIND-476		WIND-477		WIND-478		WIND-479		WIND-480		WIND-481		WIND-482		WIND-483		WIND-484		WIND-485		WIND-486		WIND-487		WIND-488		WIND-489		WIND-490		WIND-491		WIND-492		WIND-493		WIND-494		WIND-495		WIND-496		WIND-497		WIND-498		WIND-499		WIND-500		WIND-501		WIND-502		WIND-503		WIND-504		WIND-505		WIND-506		WIND-507		WIND-508		WIND-509		WIND-510		WIND-511		WIND-512		WIND-513		WIND-514		WIND-515		WIND-516		WIND-517		WIND-518		WIND-519		WIND-520		WIND-521		WIND-522		WIND-523		WIND-524		WIND-525		WIND-526		WIND-527		WIND-528		WIND-529		WIND-530		WIND-531		WIND-532		WIND-533		WIND-534		WIND-535		WIND-536		WIND-537		WIND-538		WIND-539		WIND-540		WIND-541		WIND-542		WIND-543		WIND-544		WIND-545		WIND-546		WIND-547		WIND-548		WIND-549		WIND-550		WIND-551		WIND-552		WIND-553		WIND-554		WIND-555		WIND-556		WIND-557		WIND-558		WIND-559		WIND-560		WIND-561		WIND-562		WIND-563		WIND-564		WIND-565		WIND-566		WIND-567		WIND-568		WIND-569		WIND-570		WIND-571		WIND-572		WIND-573		WIND-574		WIND-575		WIND-576		WIND-577		WIND-578		WIND-579		WIND-580		WIND-581		WIND-582		WIND-583		WIND-584		WIND-585		WIND-586		WIND-587		WIND-588		WIND-589		WIND-590		WIND-591		WIND-592		WIND-593		WIND-594		WIND-595		WIND-596		WIND-597		WIND-598		WIND-599		WIND-600		WIND-601		WIND-602		WIND-603		WIND-604		WIND-605		WIND-606		WIND-607		WIND-608		WIND-609		WIND-610		WIND-611		WIND-612		WIND-613		WIND-614		WIND-615		WIND-616		WIND-617		WIND-618		WIND-619		WIND-620		WIND-621		WIND-622		WIND-623		WIND-624		WIND-625		WIND-626		WIND-627		WIND-628		WIND-629		WIND-630		WIND-631		WIND-632		WIND-633		WIND-634		WIND-635		WIND-636		WIND-637		WIND-638		WIND-639		WIND-640		WIND-641		WIND-642		WIND-643		WIND-644		WIND-645		WIND-646		WIND-647		WIND-648		WIND-649		WIND-650		WIND-651		WIND-652		WIND-653		WIND-654		WIND-655		WIND-656		WIND-657		WIND-658		WIND-659		WIND-660		WIND-661		WIND-662		WIND-663		WIND-664		WIND-665		WIND-666		WIND-667		WIND-668		WIND-669		WIND-670		WIND-671		WIND-672		WIND-673		WIND-674		WIND-675		WIND-676		WIND-677		WIND-678		WIND-679		WIND-680		WIND-681		WIND-682		WIND-683		WIND-684		WIND-685		WIND-686		WIND-687		WIND-688		WIND-689		WIND-690		WIND-691		WIND-692		WIND-693		WIND-694		WIND-695		WIND-696		WIND-697		WIND-698		WIND-699		WIND-700		WIND-701		WIND-702		WIND-703		WIND-704		WIND-705		WIND-706		WIND-707		WIND-708		WIND-709		WIND-710		WIND-711		WIND-712		WIND-713		WIND-714		WIND-715		WIND-716		WIND-717		WIND-718		WIND-719		WIND-720		WIND-721		WIND-722		WIND-723		WIND-724		WIND-725		WIND-726		WIND-727		WIND-728		WIND-729		WIND-730		WIND-731		WIND-732		WIND-733		WIND-734		WIND-735		WIND-736		WIND-737		WIND-738		WIND-739		WIND-740		WIND-741		WIND-742		WIND-743		WIND-744		WIND-745		WIND-746		WIND-747		WIND-748		WIND-749		WIND-750		WIND-751		WIND-752		WIND-753		WIND-754		WIND-755		WIND-756		WIND-757		WIND-758		WIND-759		WIND-760		WIND-761		WIND-762		WIND-763		WIND-764		WIND-765		WIND-766		WIND-767		WIND-768		WIND-769		WIND-770		WIND-771		WIND-772		WIND-773		WIND-774		WIND-775		WIND-776		WIND-777		WIND-778		WIND-779		WIND-780		WIND-781		WIND-782		WIND-783		WIND-784		WIND-785		WIND-786		WIND-787		WIND-788		WIND-789		WIND-790		WIND-791		WIND-792		WIND-793		WIND-794		WIND-795		WIND-796		WIND-797		WIND-798		WIND-799		WIND-800		WIND-801		WIND-802		WIND-803		WIND-804		WIND-805		WIND-806		WIND-807		WIND-808		WIND-809		WIND-810		WIND-811		WIND-812		WIND-813		WIND-814		WIND-815		WIND-816		WIND-817		WIND-818		WIND-819		WIND-820		WIND-821		WIND-822		WIND-823		WIND-824		WIND-825		WIND-826		WIND-827		WIND-828		WIND-829		WIND-830		WIND-831		WIND-832		WIND-833		WIND-834		WIND-835		WIND-836		WIND-837		WIND-838		WIND-839		WIND-840		WIND-841		WIND-842		WIND-843		WIND-844		WIND-845		WIND-846		WIND-847		WIND-848		WIND-849		WIND-850		WIND-851		WIND-852		WIND-853		WIND-854		WIND-855		WIND-856		WIND-857		WIND-858		WIND-859		WIND-860		WIND-861		WIND-862		WIND-863		WIND-864		WIND-865		WIND-866		WIND-867		WIND-868		WIND-869		WIND-870		WIND-871		WIND-872		WIND-873		WIND-874		WIND-875		WIND-876		WIND-877		WIND-878		WIND-879		WIND-880		WIND-881		WIND-882		WIND-883		WIND-884		WIND-885		WIND-886		WIND-887		WIND-888		WIND-889		WIND-890		WIND-891		WIND-892	
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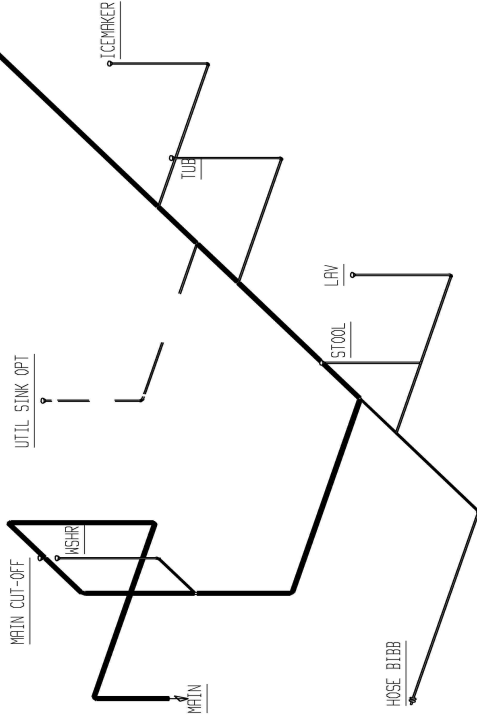
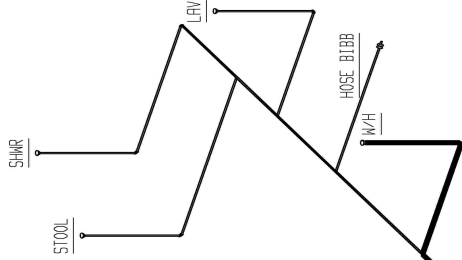
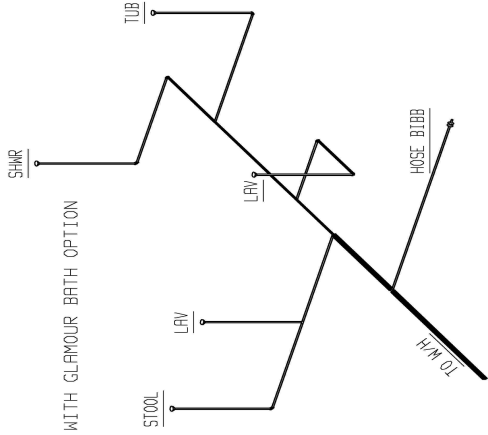
APPROVED BY
NIA INC. 10/13/2023
FEDERAL MANUFACTURED HOME
CONSTRUCTION AND SAFETY STANDARDS

Version R13.20

Designed by GDB



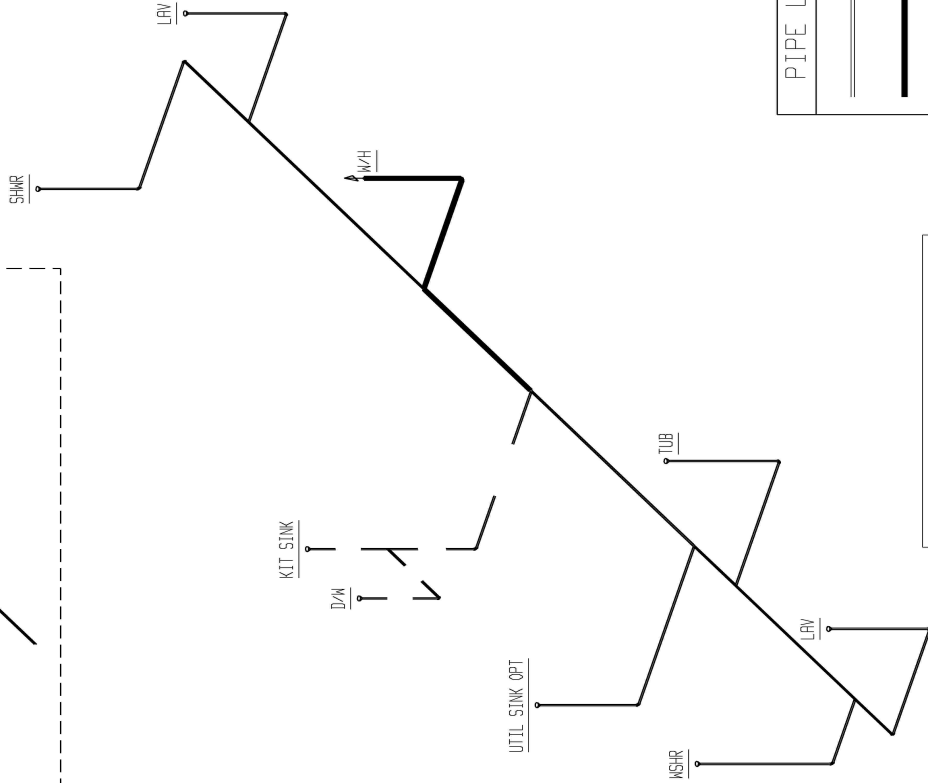
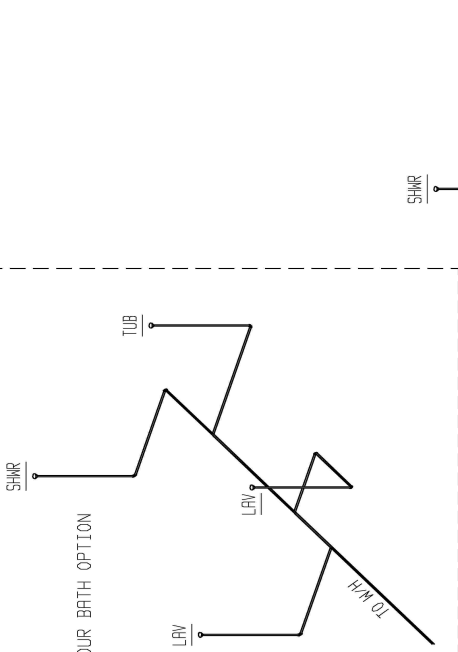
WITH GLAMOUR BATH OPTION



COLD WATER SUPPLY PLUMBING

957-5406.1

WITH GLAMOUR BATH OPTION



HOT WATER SUPPLY PLUMBING

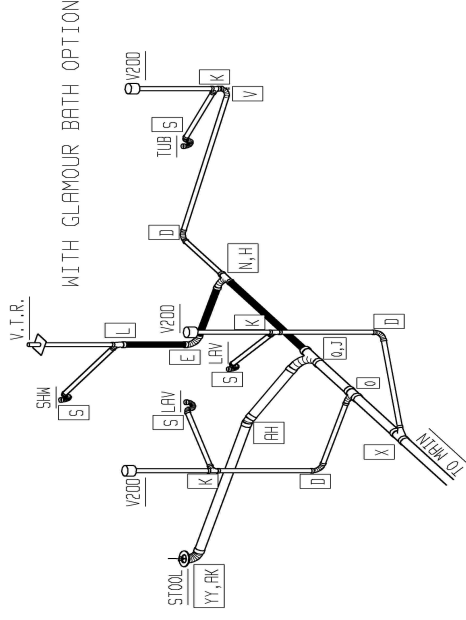
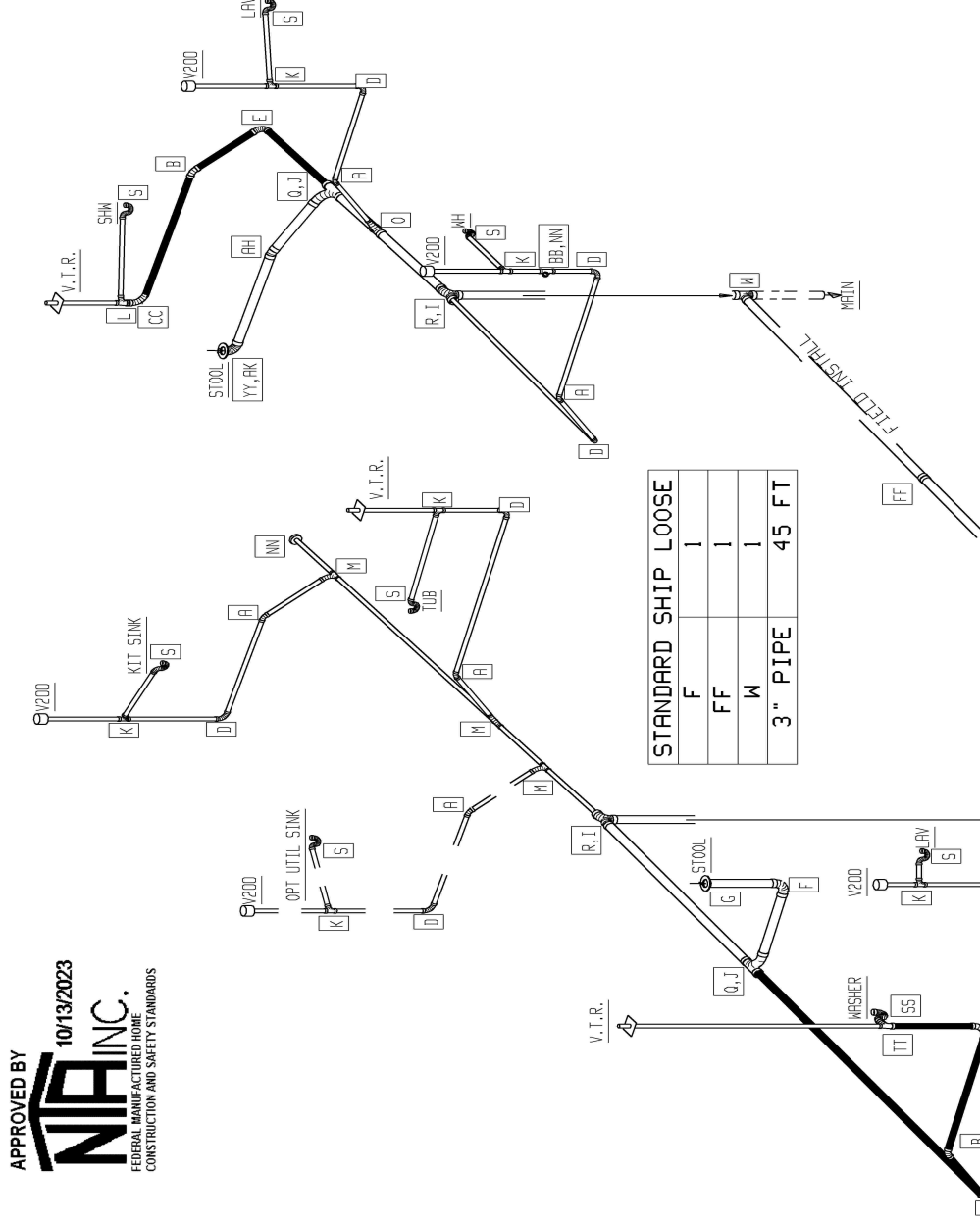
PIPE LEGEND

=====	1"
=====	3/4"
=====	1/2"

BRAND CLAYTON		SERIES HR16	DRAWING TITLE SUPPLY PLUMBING				MODEL NAME 5406		SQ. FT. 1140	
CLAYTON HOME BUILDING GROUP			REVISIONS		BY	DATE	GENERAL NOTES HOSE BIBBS PER SPECS			
							PLANT 957	DESCRIPTION 16X76 3BR-2BA	MODEL NO. 5406	
							DRAWN BY GDB	DATE PRINTED 10/10/2023	SHEET NO. 9-1	
							ORIG. DATE 06/06/2023			

PIPING AND FITTING MATERIAL TYPE TO BE:
ABS (ACRYLONITRILE-BUTADIENE-STYRENE)
OR PVC (POLYVINYL CHLORIDE)

PIPE LEGEND



STANDARD SHIP LOOSE	
F	1
FF	1
W	1
3" PIPE	45 FT

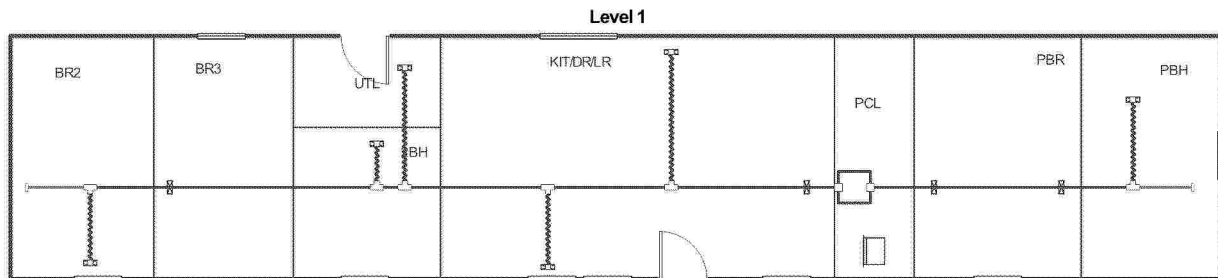
LET	DESCRIPTION	LET	DESCRIPTION	LET	DESCRIPTION	LET	DESCRIPTION	LET	DESCRIPTION
A	1.5" x 45° 1-1/4" BEND	R	3" x 3" 1/4" ELBOW	V	1.5" x 3" 3/4" ELBOW	U	3" x 3" 1/4" ELBOW	X	3" x 3" 1/4" ELBOW
E	2" x 90° SWEEP-1/4" BEND	F	3" x 3" 1/4" ELBOW	W	2" x 3" 1/4" ELBOW	Z	2" x 3" 1/4" ELBOW	BB	3" x 3" 1/4" ELBOW
I	3" x 90° SWEEP-1/4" BEND	J	3" x 3" 1/4" ELBOW	AA	3" x 3" 1/4" ELBOW	CC	3" x 3" 1/4" ELBOW	DD	3" x 3" 1/4" ELBOW
L	3" x 90° SWEEP-1/4" BEND	M	3" x 3" 1/4" ELBOW	CC	3" x 3" 1/4" ELBOW	DD	3" x 3" 1/4" ELBOW	FF	3" x 3" 1/4" ELBOW
N	3" x 90° SWEEP-1/4" BEND	O	3" x 3" 1/4" ELBOW	EE	3" x 3" 1/4" ELBOW	GG	3" x 3" 1/4" ELBOW	HH	3" x 3" 1/4" ELBOW
P	3" x 90° SWEEP-1/4" BEND	Q	3" x 3" 1/4" ELBOW	II	3" x 3" 1/4" ELBOW	JJ	3" x 3" 1/4" ELBOW	KK	3" x 3" 1/4" ELBOW
R	3" x 90° SWEEP-1/4" BEND	S	3" x 3" 1/4" ELBOW	KK	3" x 3" 1/4" ELBOW	LL	3" x 3" 1/4" ELBOW	NN	3" x 3" 1/4" ELBOW
T	3" x 90° SWEEP-1/4" BEND	U	3" x 3" 1/4" ELBOW	MM	3" x 3" 1/4" ELBOW	OO	3" x 3" 1/4" ELBOW	PP	3" x 3" 1/4" ELBOW
V	3" x 90° SWEEP-1/4" BEND	W	3" x 3" 1/4" ELBOW	PP	3" x 3" 1/4" ELBOW	QQ	3" x 3" 1/4" ELBOW	SS	3" x 3" 1/4" ELBOW
X	3" x 90° SWEEP-1/4" BEND	Y	3" x 3" 1/4" ELBOW	RR	3" x 3" 1/4" ELBOW	TT	3" x 3" 1/4" ELBOW	UU	3" x 3" 1/4" ELBOW
Z	3" x 90° SWEEP-1/4" BEND	AA	3" x 3" 1/4" ELBOW	SS	3" x 3" 1/4" ELBOW	TT	3" x 3" 1/4" ELBOW	VV	3" x 3" 1/4" ELBOW
BB	3" x 90° SWEEP-1/4" BEND	CC	3" x 3" 1/4" ELBOW	TT	3" x 3" 1/4" ELBOW	UU	3" x 3" 1/4" ELBOW	WW	3" x 3" 1/4" ELBOW
CC	3" x 90° SWEEP-1/4" BEND	DD	3" x 3" 1/4" ELBOW	UU	3" x 3" 1/4" ELBOW	VV	3" x 3" 1/4" ELBOW	XX	3" x 3" 1/4" ELBOW
DD	3" x 90° SWEEP-1/4" BEND	EE	3" x 3" 1/4" ELBOW	VV	3" x 3" 1/4" ELBOW	WW	3" x 3" 1/4" ELBOW	YY	3" x 3" 1/4" ELBOW
EE	3" x 90° SWEEP-1/4" BEND	FF	3" x 3" 1/4" ELBOW	WW	3" x 3" 1/4" ELBOW	XX	3" x 3" 1/4" ELBOW	ZZ	3" x 3" 1/4" ELBOW
FF	3" x 90° SWEEP-1/4" BEND	GG	3" x 3" 1/4" ELBOW	XX	3" x 3" 1/4" ELBOW	YY	3" x 3" 1/4" ELBOW	AA	3" x 3" 1/4" ELBOW
GG	3" x 90° SWEEP-1/4" BEND	HH	3" x 3" 1/4" ELBOW	YY	3" x 3" 1/4" ELBOW	ZZ	3" x 3" 1/4" ELBOW	BB	3" x 3" 1/4" ELBOW
HH	3" x 90° SWEEP-1/4" BEND	II	3" x 3" 1/4" ELBOW	ZZ	3" x 3" 1/4" ELBOW	AA	3" x 3" 1/4" ELBOW	CC	3" x 3" 1/4" ELBOW
II	3" x 90° SWEEP-1/4" BEND	JJ	3" x 3" 1/4" ELBOW	AA	3" x 3" 1/4" ELBOW	BB	3" x 3" 1/4" ELBOW	DD	3" x 3" 1/4" ELBOW
JJ	3" x 90° SWEEP-1/4" BEND	KK	3" x 3" 1/4" ELBOW	BB	3" x 3" 1/4" ELBOW	CC	3" x 3" 1/4" ELBOW	EE	3" x 3" 1/4" ELBOW
KK	3" x 90° SWEEP-1/4" BEND	LL	3" x 3" 1/4" ELBOW	CC	3" x 3" 1/4" ELBOW	DD	3" x 3" 1/4" ELBOW	FF	3" x 3" 1/4" ELBOW
LL	3" x 90° SWEEP-1/4" BEND	MM	3" x 3" 1/4" ELBOW	DD	3" x 3" 1/4" ELBOW	EE	3" x 3" 1/4" ELBOW	GG	3" x 3" 1/4" ELBOW
MM	3" x 90° SWEEP-1/4" BEND	NN	3" x 3" 1/4" ELBOW	EE	3" x 3" 1/4" ELBOW	FF	3" x 3" 1/4" ELBOW	HH	3" x 3" 1/4" ELBOW
NN	3" x 90° SWEEP-1/4" BEND	OO	3" x 3" 1/4" ELBOW	FF	3" x 3" 1/4" ELBOW	GG	3" x 3" 1/4" ELBOW	II	3" x 3" 1/4" ELBOW
OO	3" x 90° SWEEP-1/4" BEND	PP	3" x 3" 1/4" ELBOW	GG	3" x 3" 1/4" ELBOW	HH	3" x 3" 1/4" ELBOW	JJ	3" x 3" 1/4" ELBOW
PP	3" x 90° SWEEP-1/4" BEND	QQ	3" x 3" 1/4" ELBOW	HH	3" x 3" 1/4" ELBOW	II	3" x 3" 1/4" ELBOW	KK	3" x 3" 1/4" ELBOW
QQ	3" x 90° SWEEP-1/4" BEND	RR	3" x 3" 1/4" ELBOW	II	3" x 3" 1/4" ELBOW	JJ	3" x 3" 1/4" ELBOW	LL	3" x 3" 1/4" ELBOW
RR	3" x 90° SWEEP-1/4" BEND	SS	3" x 3" 1/4" ELBOW	JJ	3" x 3" 1/4" ELBOW	KK	3" x 3" 1/4" ELBOW	MM	3" x 3" 1/4" ELBOW
SS	3" x 90° SWEEP-1/4" BEND	TT	3" x 3" 1/4" ELBOW	KK	3" x 3" 1/4" ELBOW	LL	3" x 3" 1/4" ELBOW	NN	3" x 3" 1/4" ELBOW
TT	3" x 90° SWEEP-1/4" BEND	UU	3" x 3" 1/4" ELBOW	LL	3" x 3" 1/4" ELBOW	MM	3" x 3" 1/4" ELBOW	OO	3" x 3" 1/4" ELBOW
UU	3" x 90° SWEEP-1/4" BEND	VV	3" x 3" 1/4" ELBOW	MM	3" x 3" 1/4" ELBOW	NN	3" x 3" 1/4" ELBOW	PP	3" x 3" 1/4" ELBOW
VV	3" x 90° SWEEP-1/4" BEND	WW	3" x 3" 1/4" ELBOW	NN	3" x 3" 1/4" ELBOW	OO	3" x 3" 1/4" ELBOW	QQ	3" x 3" 1/4" ELBOW
WW	3" x 90° SWEEP-1/4" BEND	XX	3" x 3" 1/4" ELBOW	OO	3" x 3" 1/4" ELBOW	PP	3" x 3" 1/4" ELBOW	RR	3" x 3" 1/4" ELBOW
XX	3" x 90° SWEEP-1/4" BEND	YY	3" x 3" 1/4" ELBOW	PP	3" x 3" 1/4" ELBOW	QQ	3" x 3" 1/4" ELBOW	SS	3" x 3" 1/4" ELBOW
YY	3" x 90° SWEEP-1/4" BEND	ZZ	3" x 3" 1/4" ELBOW	QQ	3" x 3" 1/4" ELBOW	RR	3" x 3" 1/4" ELBOW	TT	3" x 3" 1/4" ELBOW
ZZ	3" x 90° SWEEP-1/4" BEND	AA	3" x 3" 1/4" ELBOW	RR	3" x 3" 1/4" ELBOW	SS	3" x 3" 1/4" ELBOW	UU	3" x 3" 1/4" ELBOW
AA	3" x 90° SWEEP-1/4" BEND	BB	3" x 3" 1/4" ELBOW	SS	3" x 3" 1/4" ELBOW	TT	3" x 3" 1/4" ELBOW	VV	3" x 3" 1/4" ELBOW
BB	3" x 90° SWEEP-1/4" BEND	CC	3" x 3" 1/4" ELBOW	TT	3" x 3" 1/4" ELBOW	UU	3" x 3" 1/4" ELBOW	WW	3" x 3" 1/4" ELBOW
CC	3" x 90° SWEEP-1/4" BEND	DD	3" x 3" 1/4" ELBOW	UU	3" x 3" 1/4" ELBOW	VV	3" x 3" 1/4" ELBOW	XX	3" x 3" 1/4" ELBOW
DD	3" x 90° SWEEP-1/4" BEND	EE	3" x 3" 1/4" ELBOW	VV	3" x 3" 1/4" ELBOW	WW	3" x 3" 1/4" ELBOW	YY	3" x 3" 1/4" ELBOW
EE	3" x 90° SWEEP-1/4" BEND	FF	3" x 3" 1/4" ELBOW	WW	3" x 3" 1/4" ELBOW	XX	3" x 3" 1/4" ELBOW	ZZ	3" x 3" 1/4" ELBOW
FF	3" x 90° SWEEP-1/4" BEND	GG	3" x 3" 1/4" ELBOW	XX	3" x 3" 1/4" ELBOW	YY	3" x 3" 1/4" ELBOW	AA	3" x 3" 1/4" ELBOW
GG	3" x 90° SWEEP-1/4" BEND	HH	3" x 3" 1/4" ELBOW	YY	3" x 3" 1/4" ELBOW	ZZ	3" x 3" 1/4" ELBOW	BB	3" x 3" 1/4" ELBOW
HH	3" x 90° SWEEP-1/4" BEND	II	3" x 3" 1/4" ELBOW	ZZ	3" x 3" 1/4" ELBOW	AA	3" x 3" 1/4" ELBOW	CC	3" x 3" 1/4" ELBOW
II	3" x 90° SWEEP-1/4" BEND	JJ	3" x 3" 1/4" ELBOW	AA	3" x 3" 1/4" ELBOW	BB	3" x 3" 1/4" ELBOW	DD	3" x 3" 1/4" ELBOW
JJ	3" x 90° SWEEP-1/4" BEND	KK	3" x 3" 1/4" ELBOW	BB	3" x 3" 1/4" ELBOW	CC	3" x 3" 1/4" ELBOW	EE	3" x 3" 1/4" ELBOW
KK	3" x 90° SWEEP-1/4" BEND	LL	3" x 3" 1/4" ELBOW	CC	3" x 3" 1/4" ELBOW	DD	3" x 3" 1/4" ELBOW	FF	3" x 3" 1/4" ELBOW
LL	3" x 90° SWEEP-1/4" BEND	MM	3" x 3" 1/4" ELBOW	DD	3" x 3" 1/4" ELBOW	EE	3" x 3" 1/4" ELBOW	GG	3" x 3" 1/4" ELBOW
MM	3" x 90° SWEEP-1/4" BEND	NN	3" x 3" 1/4" ELBOW	EE	3" x 3" 1/4" ELBOW	FF	3" x 3" 1/4" ELBOW	HH	3" x 3" 1/4" ELBOW
NN	3" x 90° SWEEP-1/4" BEND	OO	3" x 3" 1/4" ELBOW	FF	3" x 3" 1/4" ELBOW	GG	3" x 3" 1/4" ELBOW	II	3" x 3" 1/4" ELBOW
OO	3" x 90° SWEEP-1/4" BEND	PP	3" x 3" 1/4" ELBOW	GG	3" x 3" 1/4" ELBOW	HH	3" x 3" 1/4" ELBOW	JJ	3" x 3" 1/4" ELBOW
PP	3" x 90° SWEEP-1/4" BEND	QQ	3" x 3" 1/4" ELBOW	HH	3" x 3" 1/4" ELBOW	II	3" x 3" 1/4" ELBOW	KK	3" x 3" 1/4" ELBOW
QQ	3" x 90° SWEEP-1/4" BEND	RR	3" x 3" 1/4" ELBOW	II	3" x 3" 1/4" ELBOW	JJ	3" x 3" 1/4" ELBOW	LL	3" x 3" 1/4" ELBOW
RR	3" x 90° SWEEP-1/4" BEND	SS	3" x 3" 1/4" ELBOW	JJ	3" x 3" 1/4" ELBOW	KK	3" x 3" 1/4" ELBOW	MM	3" x 3" 1/4" ELBOW
SS	3" x 90° SWEEP-1/4" BEND	TT	3" x 3" 1/4" ELBOW	KK	3" x 3" 1/4" ELBOW	LL	3" x 3" 1/4" ELBOW	NN	3" x 3" 1/4" ELBOW
TT	3" x 90° SWEEP-1/4" BEND	UU	3" x 3" 1/4" ELBOW	LL	3" x 3" 1/4" ELBOW	MM	3" x 3" 1/4" ELBOW	OO	3" x 3" 1/4" ELBOW
UU	3" x 90° SWEEP-1/4" BEND	VV	3" x 3" 1/4" ELBOW	MM	3" x 3" 1/4" ELBOW	NN	3" x 3" 1/4" ELBOW	PP	3" x 3" 1/4" ELBOW
VV	3" x 90° SWEEP-1/4" BEND	WW	3" x 3" 1/4" ELBOW	NN	3" x 3" 1/4" ELBOW	OO	3" x 3" 1/4" ELBOW	QQ	3" x 3" 1/4" ELBOW
WW	3" x 90° SWEEP-1/4" BEND	XX	3" x 3" 1/4" ELBOW	OO	3" x 3" 1/4" ELBOW	PP	3" x 3" 1/4" ELBOW	RR	3" x 3" 1/4" ELBOW
XX	3" x 90° SWEEP-1/4" BEND	YY	3" x 3" 1/4" ELBOW	PP	3" x 3" 1/4" ELBOW	QQ	3" x 3" 1/4" ELBOW	SS	3" x 3" 1/4" ELBOW
YY	3" x 90° SWEEP-1/4" BEND	ZZ	3" x 3" 1/4" ELBOW	QQ	3" x 3" 1/4" ELBOW	RR	3" x 3" 1/4" ELBOW	TT	3" x 3" 1/4" ELBOW
ZZ	3" x 90° SWEEP-1/4" BEND	AA	3" x 3" 1/4" ELBOW	RR	3" x 3" 1/4" ELBOW	SS	3" x 3" 1/4" ELBOW	UU	3" x 3" 1/4" ELBOW
AA	3" x 90° SWEEP-1/4" BEND	BB	3" x 3" 1/4" ELBOW	SS	3" x 3" 1/4" ELBOW	TT	3" x 3" 1/4" ELBOW	VV	3" x 3" 1/4" ELBOW
BB	3" x 90° SWEEP-1/4" BEND	CC	3" x 3" 1/4" ELBOW	TT	3" x 3" 1/4" ELBOW	UU	3" x 3" 1/4" ELBOW	WW	3" x 3" 1/4" ELBOW
CC	3" x 90° SWEEP-1/4" BEND	DD	3" x 3" 1/4" ELBOW	UU	3" x 3" 1/4" ELBOW	VV	3" x 3" 1/4" ELBOW	XX	3" x 3" 1/4" ELBOW
DD	3" x 90° SWEEP-1/4" BEND	EE	3" x 3" 1/4" ELBOW	VV	3" x 3" 1/4" ELBOW	WW	3" x 3" 1/4" ELBOW	YY	3" x 3" 1/4" ELBOW
EE	3" x 90° SWEEP-1/4" BEND	FF	3" x 3" 1/4" ELBOW	WW	3" x 3" 1/4" ELBOW	XX	3" x 3" 1/4" ELBOW	ZZ	3" x 3" 1/4" ELBOW
FF	3" x 90° SWEEP-1/4" BEND	GG	3" x 3" 1/4" ELBOW	XX	3" x 3" 1/4" ELBOW	YY	3" x 3" 1/4" ELBOW	AA	3" x 3" 1/4" ELBOW
GG	3" x 90° SWEEP-1/4" BEND	HH	3" x 3" 1/4" ELBOW	YY	3" x 3" 1/4" ELBOW	ZZ	3" x 3" 1/4" ELBOW	BB	3" x 3" 1/4" ELBOW
HH	3" x 90° SWEEP-1/4" BEND	II	3" x 3" 1/4" ELBOW	ZZ	3" x 3" 1/4" ELBOW	AA	3" x 3" 1/4" ELBOW	CC	3" x 3" 1/4" ELBOW
II	3" x 90° SWEEP-1/4" BEND	JJ	3" x 3" 1/4" ELBOW	AA	3" x 3" 1/4" ELBOW	BB	3" x 3" 1/4" ELBOW	DD	3" x 3" 1/4" ELBOW
JJ	3" x 90° SWEEP-1/4" BEND	KK	3" x 3" 1/4" ELBOW	BB	3" x 3" 1/4" ELBOW	CC	3" x 3" 1/4" ELBOW	EE	3" x 3" 1/4" ELBOW
KK	3" x 90° SWEEP-1/4" BEND	LL	3" x 3" 1/4" ELBOW	CC	3" x 3" 1/4" ELBOW	DD	3" x 3" 1/4" ELBOW	FF	3" x 3" 1/4" ELBOW
LL	3" x 90° SWEEP-1/4" BEND	MM	3" x 3" 1/4" ELBOW	DD	3" x 3" 1/4" ELBOW	EE	3" x 3" 1/4" ELBOW	GG	3" x 3" 1/4" ELBOW
MM	3" x 90° SWEEP-1/4" BEND	NN	3" x 3" 1/4" ELBOW	EE	3" x 3" 1/4" ELBOW	FF	3" x 3" 1/4" ELBOW	HH	3" x 3" 1/4" ELBOW
NN	3" x 90° SWEEP-1/4" BEND	OO	3" x 3" 1/4" ELBOW	FF	3" x 3" 1/4" ELBOW	GG	3" x 3" 1/4" ELBOW	II	3" x 3" 1/4" ELBOW
OO	3" x 90° SWEEP-1/4" BEND	PP	3" x 3" 1/4" ELBOW	GG	3" x 3" 1/4" ELBOW	HH	3" x 3" 1/4" ELBOW	JJ	3" x 3" 1/4" ELBOW
PP	3" x 90° SWEEP-1/4" BEND	QQ	3" x 3" 1/4" ELBOW	HH	3" x 3" 1/4" ELBOW	II	3" x 3" 1/4" ELBOW	KK	3" x 3" 1/4" ELBOW
QQ	3" x 90° SWEEP-1/4" BEND	RR	3" x 3" 1/4" ELBOW	II	3" x 3" 1/4" ELBOW	JJ	3" x 3" 1/4" ELBOW	LL	3" x 3" 1/4" ELBOW
RR	3" x 90° SWEEP-1/4" BEND	SS	3" x 3" 1/4" ELBOW	JJ	3" x 3" 1/4" ELBOW	KK	3" x 3" 1/4" ELBOW	MM	3" x 3" 1/4" ELBOW
SS	3" x 90° SWEEP-1/4" BEND	TT	3" x 3" 1/4" ELBOW	KK	3" x 3" 1/4" ELBOW	LL	3" x 3" 1/4" ELBOW	NN	3" x 3" 1/4" ELBOW
TT	3" x 90° SWEEP-1/4" BEND	UU	3" x 3" 1/4" ELBOW	LL	3" x 3" 1/4" ELBOW	MM	3" x 3" 1/4" ELBOW	OO	3" x 3" 1/4" ELBOW
UU	3" x 90° SWEEP-1/4" BEND	VV	3" x 3" 1/4" ELBOW	MM	3" x 3" 1/4" ELBOW	NN	3" x 3" 1/4" ELBOW	PP	3" x 3" 1/4" ELBOW
VV	3" x 90° SWEEP-1/4" BEND	WW	3" x 3" 1/4" ELBOW	NN	3" x 3" 1/4" ELBOW	OO	3" x 3" 1/4" ELBOW	QQ	3" x 3" 1/4" ELBOW
WW	3" x 90° SWEEP-1/4" BEND	XX	3" x 3" 1/4" ELBOW	OO	3" x 3" 1/4" ELBOW	PP	3" x 3" 1/4" ELBOW	RR	3" x 3" 1/4" ELBOW
XX	3" x 90° SWEEP-1/4" BEND	YY	3" x 3" 1/4" ELBOW	PP	3" x 3" 1/4" ELBOW	QQ	3" x 3" 1/4" ELBOW	SS	3" x 3" 1/4" ELBOW
YY	3" x 90° SWEEP-1/4" BEND	ZZ	3" x 3" 1/4" ELBOW	QQ	3" x 3" 1/4" ELBOW	RR	3" x 3" 1/4" ELBOW	TT	3" x 3" 1/4" ELBOW
ZZ	3" x 90° SWEEP-1/4" BEND	AA	3" x 3" 1/4" ELBOW	RR	3" x 3" 1/4" ELBOW	SS	3" x 3" 1/4" ELBOW	UU	3" x 3" 1/4" ELBOW
AA	3" x 90° SWEEP-1/4" BEND	BB	3" x 3" 1/4" ELBOW	SS	3" x 3" 1/4" ELBOW	TT	3" x 3" 1/4" ELBOW	VV	3" x 3" 1/4" ELBOW
BB	3" x 90° SWEEP-1/4" BEND	CC	3" x 3" 1/4" ELBOW	TT	3" x 3" 1/4" ELBOW	UU	3" x 3" 1/4" ELBOW	WW	3" x 3" 1/4" ELBOW
CC	3" x 90° SWEEP-1/4" BEND	DD	3" x 3" 1/4" ELBOW	UU	3" x 3" 1/4" ELBOW	VV	3" x 3" 1/4" ELBOW	XX	3" x 3" 1/4" ELBOW
DD	3" x 90° SWEEP-1/4" BEND	EE	3" x 3" 1/4" ELBOW	VV	3" x 3" 1/4" ELBOW	WW	3" x 3" 1/4" ELBOW	YY	3" x 3" 1/4" ELBOW
EE	3" x 90° SWEEP-1/4" BEND	FF	3" x 3" 1/4" ELBOW	WW	3" x 3" 1/4" ELBOW	XX	3" x 3" 1/4" ELBOW	ZZ	3" x 3" 1/4" ELBOW
FF	3" x 90° SWEEP-1/4" BEND	GG	3" x 3" 1/4" ELBOW	XX	3" x 3" 1/4" ELBOW	YY	3" x 3" 1/4" ELBOW	AA	3" x 3" 1/4" ELBOW
GG	3" x 90° SWEEP-1/4" BEND	HH							

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FEDERAL MANUFACTURED HOME
CONSTRUCTION AND SAFETY STANDARDS



957-5406.4.1

Job #: 5406(I)
Performed by CLAYTON ROCKWELL for:
5406(I)
ROCKWELL, NC

Scale: 1 : 136
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Project Summary Entire House

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Job: 5406(I)
Date: Apr 04, 2023
By: CLAYTON ROCKWELL

Project Information

For: 5406(I), CLAYTON 957
ROCKWELL, NC

Notes: DUCT COOLING CAPACITY = 26,000 BTU/HR
REFER TO MODEL PLAN 5406 FOR THERMAL CALCULATIONS

Design Information

Weather: Fort Bragg/Simmons, NC, US

Winter Design Conditions

Outside db	26 °F
Inside db	70 °F
Design TD	44 °F

Summer Design Conditions

Outside db	95 °F
Inside db	75 °F
Design TD	20 °F
Daily range	M
Relative humidity	50 %
Moisture difference	41 gr/lb

Heating Summary

Structure	14259 Btuh
Ducts	3398 Btuh
Central vent (60 cfm)	2892 Btuh
Outside air	
Humidification	0 Btuh
Piping	0 Btuh
Equipment load	20548 Btuh

Sensible Cooling Equipment Load Sizing

Structure	10459 Btuh
Ducts	3148 Btuh
Central vent (60 cfm)	1289 Btuh
Outside air	
Blower	0 Btuh
Use manufacturer's data	n
Rate/swing multiplier	1.00
Equipment sensible load	14851 Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

Latent Cooling Equipment Load Sizing

Structure	1149 Btuh
Ducts	590 Btuh
Central vent (60 cfm)	1644 Btuh
Outside air	
Equipment latent load	3382 Btuh

	Heating	Cooling
Area (ft²)	1159	1159
Volume (ft³)	9272	9272
Air changes/hour	0.45	0.23
Equiv. AVF (cfm)	75	42

Equipment Total Load (Sen+Lat)	18234 Btuh
Req. total capacity at 0.70 SHR	1.8 ton

Heating Equipment Summary

Make	Smart Comfort
Trade	15 SEER2 R SERIES R410A HP
Model	R4H5S24*K*AAA*
AHRI ref	0
Efficiency	7.5 HSPF2
Heating input	
Heating output	22800 Btuh @ 47°F
Temperature rise	27 °F
Actual air flow	780 cfm
Air flow factor	0.044 cfm/Btuh
Static pressure	0.30 in H2O
Space thermostat	
Capacity balance point = 26 °F	

Cooling Equipment Summary

Make	Smart Comfort
Trade	15 SEER2 R SERIES R410A HP
Cond	R4H5S24*K*AAA*
Coil	FEVA0024**+NAVA43601CK
AHRI ref	0
Efficiency	12.0 EER2, 15.2 SEER2
Sensible cooling	16380 Btuh
Latent cooling	7020 Btuh
Total cooling	23400 Btuh
Actual air flow	780 cfm
Air flow factor	0.057 cfm/Btuh
Static pressure	0.30 in H2O
Load sensible heat ratio	0.81

Backup: Smart Comfort
Input = 10 kW, Output = 34121 Btuh, 100 AFUE

957-5406.4.2

Bold/italic values have been manually overridden

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.



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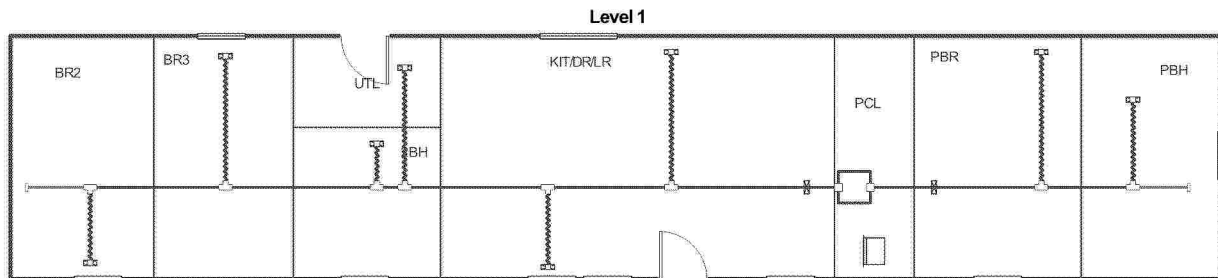
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INC.
FEDERAL MANUFACTURED HOME
CONSTRUCTION AND SAFETY STANDARDS



957-5406.4.3

Job #: 5406(P)
Performed by CLAYTON ROCKWELL for:
5406(P)
ROCKWELL, NC

Scale: 1 : 136
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Project Summary Entire House

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10/13/2023

FEDERAL MANUFACTURED HOME
CONSTRUCTION AND SAFETY STANDARDSJob: 5406(P)
Date: Apr 04, 2023
By: CLAYTON ROCKWELL

Project Information

For: 5406(P), CLAYTON 957
ROCKWELL, NCNotes: DUCT COOLING CAPACITY = 26,000 BTU/HR
REFER TO MODEL PLAN 5406 FOR THERMAL ZONE CALCULATIONS

Design Information

Weather: Fort Bragg/Simmons, NC, US

Winter Design Conditions

Outside db 26 °F
Inside db 70 °F
Design TD 44 °F

Summer Design Conditions

Outside db 95 °F
Inside db 75 °F
Design TD 20 °F
Daily range M
Relative humidity 50 %
Moisture difference 41 gr/lb

Heating Summary

Structure 14259 Btuh
Ducts 3398 Btuh
Central vent (60 cfm) 2892 Btuh
Outside air
Humidification 0 Btuh
Piping 0 Btuh
Equipment load 20548 Btuh

Sensible Cooling Equipment Load Sizing

Structure 10459 Btuh
Ducts 3148 Btuh
Central vent (60 cfm) 1289 Btuh
Outside air
Blower 0 Btuh
Use manufacturer's data n
Rate/swing multiplier 1.00
Equipment sensible load 14851 Btuh

Infiltration

Method Simplified
Construction quality Average
Fireplaces 0

Latent Cooling Equipment Load Sizing

Structure 1149 Btuh
Ducts 590 Btuh
Central vent (60 cfm) 1644 Btuh
Outside air
Equipment latent load 3382 Btuh

	Heating	Cooling
Area (ft²)	1159	1159
Volume (ft³)	9272	9272
Air changes/hour	0.45	0.23
Equiv. AVF (cfm)	75	42

Equipment Total Load (Sen+Lat) 18234 Btuh
Req. total capacity at 0.70 SHR 1.8 ton

Heating Equipment Summary

Make Smart Comfort
Trade 15 SEER2 R SERIES R410A HP
Model R4H5S24*K*AAA*
AHRI ref 0
Efficiency 7.5 HSPF2
Heating input 22800 Btuh @ 47°F
Heating output 27 °F
Temperature rise 780 cfm
Actual air flow 0.044 cfm/Btuh
Air flow factor 0.30 in H2O
Static pressure
Space thermostat
Capacity balance point = 26 °F

Cooling Equipment Summary

Make Smart Comfort
Trade 15 SEER2 R SERIES R410A HP
Cond R4H5S24*K*AAA*
Coil FEVA0024**+NAVA43601CK
AHRI ref 0
Efficiency 12.0 EER2, 15.2 SEER2
Sensible cooling 16380 Btuh
Latent cooling 7020 Btuh
Total cooling 23400 Btuh
Actual air flow 780 cfm
Air flow factor 0.057 cfm/Btuh
Static pressure 0.30 in H2O
Load sensible heat ratio 0.81Backup: Smart Comfort
Input = 10 kW, Output = 34121 Btuh, 100 AFUE

957-5406.4.4

Bold/italic values have been manually overridden

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.



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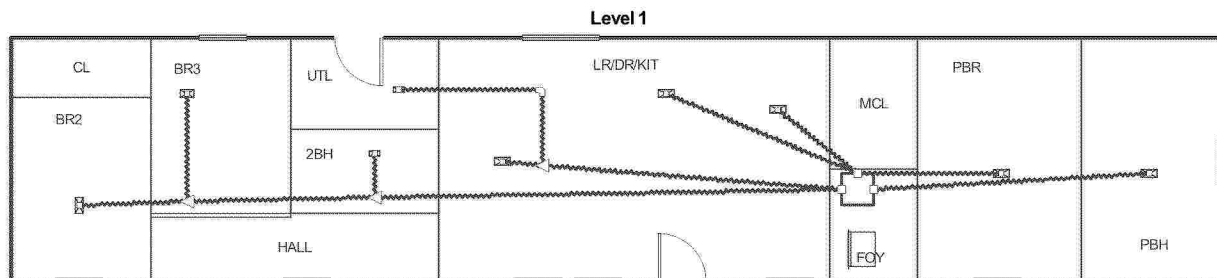
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CONSTRUCTION AND SAFETY STANDARDS



957-5406.4.5

Job #: 5406(OHVD)
Performed by CLAYTON ROCKWELL for:
5406(OHVD)
ROCKWELL, NC

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Project Summary Entire House

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FEDERAL MANUFACTURED HOME
CONSTRUCTION AND SAFETY STANDARDS

Job: 5406(OHVD)
Date: Sep 15, 2023
By: CLAYTON ROCKWELL

Project Information

For: 5406(OHVD), CLAYTON 957
ROCKWELL, NC

Notes: DUCT COOLING CAPACITY = 30,667 BTU/HR
REFER TO MODEL PLAN 5406 FOR THERMAL ZONE CALCULATIONS

Design Information

Weather: Fort Bragg/Simmons, NC, US

Winter Design Conditions

Outside db	26 °F
Inside db	70 °F
Design TD	44 °F

Summer Design Conditions

Outside db	95 °F
Inside db	75 °F
Design TD	20 °F
Daily range	M
Relative humidity	50 %
Moisture difference	41 gr/lb

Heating Summary

Structure	14234 Btuh
Ducts	3552 Btuh
Central vent (60 cfm)	2892 Btuh
Outside air	
Humidification	0 Btuh
Piping	0 Btuh
Equipment load	20678 Btuh

Sensible Cooling Equipment Load Sizing

Structure	13766 Btuh
Ducts	3154 Btuh
Central vent (60 cfm)	1289 Btuh
Outside air	
Blower	0 Btuh
Use manufacturer's data	n
Rate/swing multiplier	1.00
Equipment sensible load	18154 Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

Latent Cooling Equipment Load Sizing

Structure	1948 Btuh
Ducts	723 Btuh
Central vent (60 cfm)	1644 Btuh
Outside air	
Equipment latent load	4314 Btuh

	Heating	Cooling
Area (ft²)	1157	1157
Volume (ft³)	9259	9259
Air changes/hour	0.45	0.23
Equiv. AVF (cfm)	75	42

Equipment Total Load (Sen+Lat)	22469 Btuh
Req. total capacity at 0.70 SHR	2.2 ton

Heating Equipment Summary

Make	Smart Comfort
Trade	15 SEER2 R SERIES R410A HP
Model	R4H5S30*K*AAA*
AHRI ref	0
Efficiency	7.5 HSPF2
Heating input	
Heating output	28000 Btuh @ 47°F
Temperature rise	28 °F
Actual air flow	920 cfm
Air flow factor	0.052 cfm/Btuh
Static pressure	0.30 in H2O
Space thermostat	
Capacity balance point = 21 °F	
Backup: Smart Comfort	
Input = 10 kW, Output = 34121 Btuh, 100 AFUE	

Cooling Equipment Summary

Make	Smart Comfort
Trade	15 SEER2 R SERIES R410A HP
Cond	R4H5S30*K*AAA*
Coil	FEVA0036**+NAVA43601CK
AHRI ref	0
Efficiency	12.0 EER2, 14.3 SEER2
Sensible cooling	19320 Btuh
Latent cooling	8280 Btuh
Total cooling	27600 Btuh
Actual air flow	920 cfm
Air flow factor	0.054 cfm/Btuh
Static pressure	0.30 in H2O
Load sensible heat ratio	0.81

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