DIVISION OF INDUSTRY SERVICES
Plumbing Product Review
P.O. Box 2658
Madison, Wisconsin 53701-2658
TTY: Contact Through Relay

Scott Walker, Governor
Dave Ross, Secretary

August 17, 2016

STRATFORD HOMES LTD.
PAUL SCHROEPFER
PO BOX 37
STRATFORD WI 54484

Re: Description: PREFABRICATED PLUMBING SYSTEM
Manufacturer: STRATFORD HOMES LTD.
Product Name: (trans id 2742158) ONE AND TWO FAMILY/TWO STORY
Model Number(s): SH-1-2-87
Product File No: 20160201

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters SPS 382 through 384, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of August 2021.

This approval supersedes the approval issued on August 18, 2011 under product file number 20110260.

This approval is contingent upon compliance with the following stipulation(s):

- The flowing water supply pressure at the point(s) of connection must be at least 30 psig.
- The manufacturer must keep at the manufacturing plant a set of plans and specifications bearing the department's stamp of approval. The plans and specifications must be open to inspection by an authorized representative of the department.
- The maximum water supply fixture units (wsfu) on PEX tubing must not exceed 20.5 wsfu for 1-inch tubing, 11 wsfu for 3/4-inch tubing, 8 wsfu for 5/8-inch tubing, and 4 wsfu for 1/2-inch tubing.
- All plumbing system components that contact potable water that may be consumed shall conform with NSF 372 or NSF Standard 61, section 9.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Glen W. Schlueter
Environmental Engineer - Plumbing Product Reviewer
Depart of Safety and Professional Services
Division of Industry Services
Bureau of Technical Services
(608) 267-1401 Phone
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Stratford Homes Limited Partnership

STRATFORD , WISCONSIN

PRE-FAB. PLUMBING

MODEL # SH – 2 – 87
ONE AND TWO FAMILY / TWO STORY
CONNECTION FITTING – ***PEX WATER*** SUPPLY SYSTEM

NO.	QTY	DESCRIPTION	PART #
(1)	4	¾" X ¾" COUPLER (brass)	XLC44
(2)	3	¾"X ¾" X ¾" TEE	XLT444
(3)	6	¾"X ¾" X ½" REDUCER TEE	XLT443
(4)	5	¾"X ½"X ½" REDUCER TEE	XLT433
(5)	4	½"INSERT X ½" M SWEAT ELL	XLE33MC
(6)	8	½"INSERT X ½" CLOSED END STUD/OUT ELL	XLE33SO6
(7)	1	½"C X ½" M SWEAT ELL + ADAPTER	704
(8)	2	½" C X ½"F 90^0 DROP ELL	707-3-5
(9)	4	½" INSERT X ½" INSERT SHUT OFF VALVE	XLV33
(10)	1	½"x ½" INSERT X ½" M SWEAT TEE + ADAPTER	711 + XLC33M
(11)	1	½" C SHOCK ARRESTER	MM-500-SWA-AA

MODEL # SH – 2 – 87
ONE AND TWO FAMILY / TWO STORY
CONNECTION FITTING – ***COPPER*** WATER SUPPLY SYSTEM

NO.	QTY	DESCRIPTION	SIZE	COMMENTS
(1)	17	ELL	½ x ½"	c x c
(2)	8	SHUT OFF VALVE	½ x ½"	c x c
(3)	5	TEE	¾ x ½ x ½"	c x c x c
(4)	1	TEE	¾ x ¾ x ¾"	c x c x c
(5)	5	TEE	¾ x ¾ x ½"	c x c x c
(6)	4	ELL	¾ x ¾"	c x c
(7)	2	COUPLER	¾ x ¾"	c x c
(8)	2	90^0 DROP ELL	½ x ½"	c x f
(9)	1	TEE	½ x ½ x ½"	c x c x c
(10)	3	W.C. SUPPLY VALVE KIT .	½ x ½	c x comp.
(11)	6	LAV.SINK SUPPLY VALVE	½ x ½"	c x comp.
(12)	1	SHOCK ARRESTER	½"	c
(13)	1	OUTSIDE HOSE BIBB	½"	c

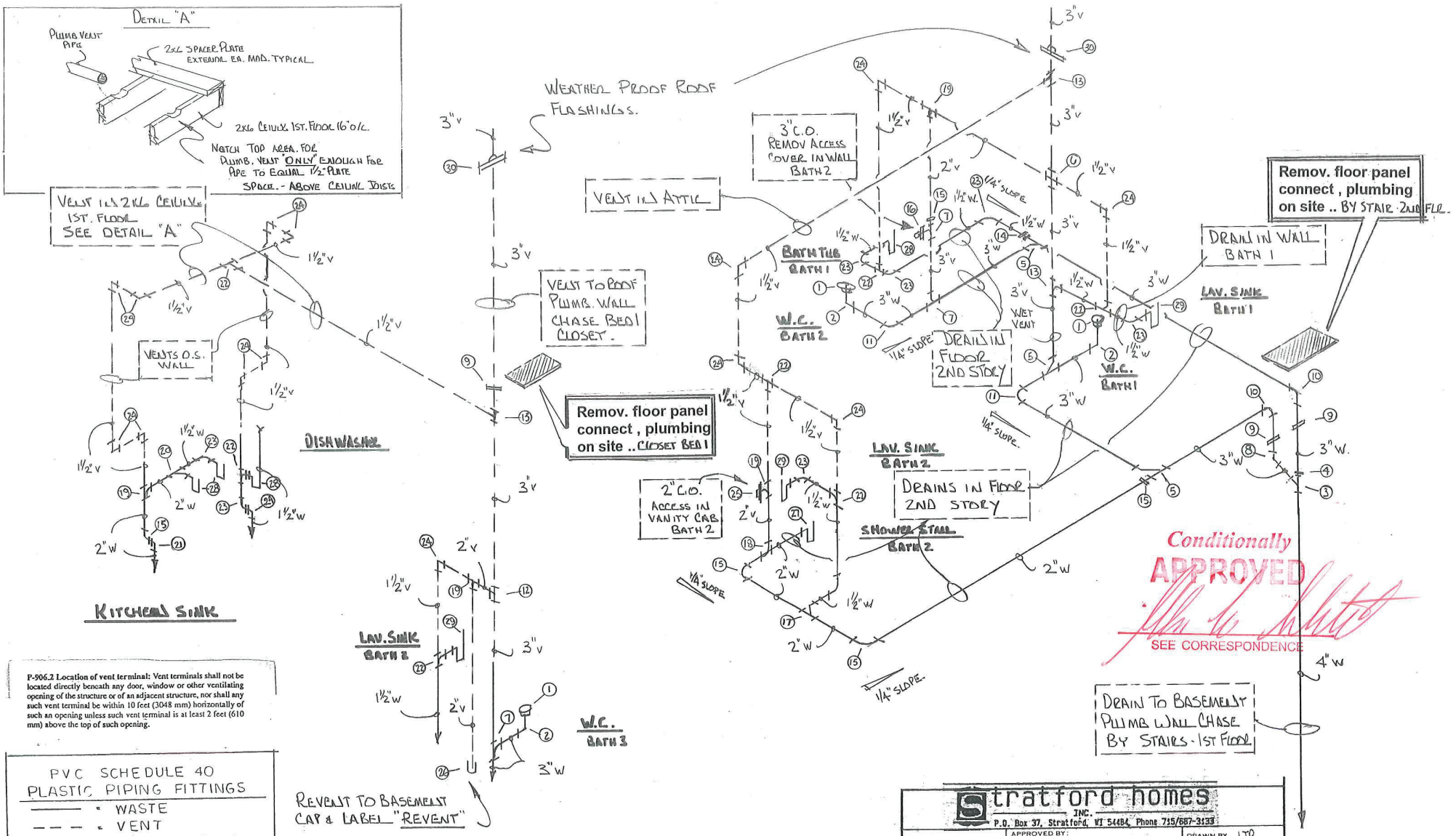
FAUCET CONNECTIONS AND TRAP INSPECTION
ACCESSIBLE UNDER CABINETS OR REMOVABLE

MODEL # SH – 2 – 87
ONE AND TWO FAMILY / TWO STORY

DRAINAGE PLUMBING FITTING LIST

PVC SCHEDULE 40 PLASTIC

NO.	QTY.	DESCRIPTION	SIZE
1	3	CLOSET FLANGE HUB END	4"
2	3	CLOSET BEND	4 X 3"
3	1	WYE	4 X 4 X 3"
4	1	FLUSH BUSHING	4 X 3"
5	3	LONG TURN TEE WYE , SINGLE	3"
6	1	DOUBLE SANITARY TEE	3 X 3 X 2 X 1 1/2"
7	3	SANITARY TEE	3"
8	1	1/8 BEND ELL 45	3"
9	3	COUPLER	3"
10	2	1/4 BEND ELL 90	3"
11	2	LONG SWEEP 1/4 BEND ELL 90	3"
12	1	SANITARY TEE	3 X 3 X 2"
13	3	SANITARY TEE	3 X 3 X 1 1/2"
14	1	FLUSH BUSHING	3 X 1 1/2"
15	3	FLUSH BUSHING	3 X 2"
16	1	FITTING C.O. ADAPTER w/ PLUG	3"
17	1	LONG TURN TEE WYE , SINGLE	2 X 2 X 1 1/2"
18	1	SANITARY TEE	2"
19	4	SANITARY TEE	2 X 1 1/2 X 2"
20	1	LONG TURN TEE WYE , SINGLE	2 X 1 1/2 X 1 1/2"
21	1	1/4 BEND ELL 90	2"
22	7	SANITARY TEE	1 1/2"
23	7	LONG SWEEP 1/4 BEND ELL 90	1 1/2"
24	15	1 /4 BEND ELL 90	1 1/2"
25	1	FITTING C.O. ADAPTER w/ PLUG	2"
26	1	SLIP CAP	2"
27	1	P TRAP w/ SOLVENT WELD JOINT	2"
28	4	P TRAP LA PATTERN w/ UNION	1 1/2"
29	3	P TRAP LA PATTERN w/ UNION	1 1/4 X 1 1/2"
30	2	NEOPRENE ROOF FLASHING	3"



P-906.2 Location of vent terminal: Vent terminals shall not be located directly beneath any door, window or other ventilating opening of the structure or of an adjacent structure, nor shall any such vent terminal be within 10 feet (3048 mm) horizontally of such an opening unless such vent terminal is at least 2 feet (610 mm) above the top of such opening.

PVC SCHEDULE 40
PLASTIC PIPING FITTINGS
——— = WASTE
– – – = VENT
ALL HORIZONTAL PIPING TO BE SUPPORTED 4'-0" O.C.

Lav.- kitchen sink- utility- bath tub traps are union joint type P-traps for clean out use ...

Conditionally APPROVED
SEE CORRESPONDENCE

Stratford homes INC.
P.O. Box 37, Stratford, WI 54484, Phone 715/687-3133

SCALE:	APPROVED BY:	DRAWN BY LTP
DATE: 6-9-86	Revised 12-12-86 W.	REVISED

28 X 26 TWO STORY DUPLEX

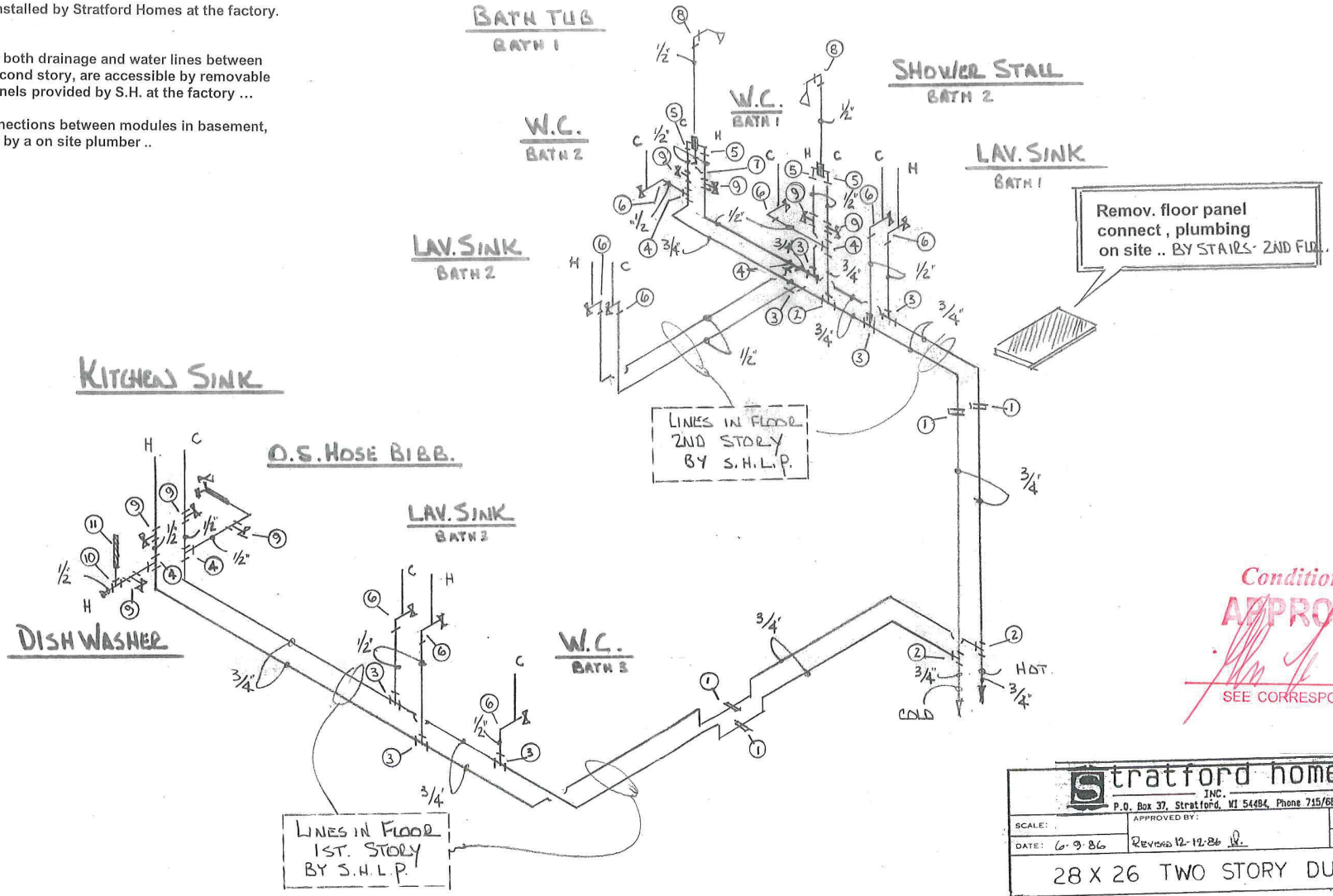
DRAINAGE PLUMBING DETAILS

MODEL # SH – 2 – 87

Solid Lines = installed by Stratford Homes at the factory.

Connection for both drainage and water lines between the first and second story, are accessible by removable floor or wall panels provided by S.H. at the factory ...

Crossover connections between modules in basement, To be provided by a on site plumber ..



Conditionally APPROVED

SEE CORRESPONDENCE

Stratford homes INC.
P.O. Box 37, Stratford, WI 54484, Phone 715/687-3133

SCALE:	APPROVED BY:	DRAWN BY LJP
DATE: 6-9-86	Revised 12-12-86 LP	REVISED 6-12-06 LP

28 X 26 TWO STORY DUPLEX

PEX WATER SUPPLY DETAILS
MODEL # SH – 2- 87

[1] WATER DISTRIBUTION PIPING MATERIAL ABOVE GROUND , TYPE L RIGID COPPER WITH WROT COPPER SOLDER TYPE FITTINGS .

[2] TYPE SOLDER USED 95/5 , FLUX NO.5 . NO LEAD TYPE SOLDER .

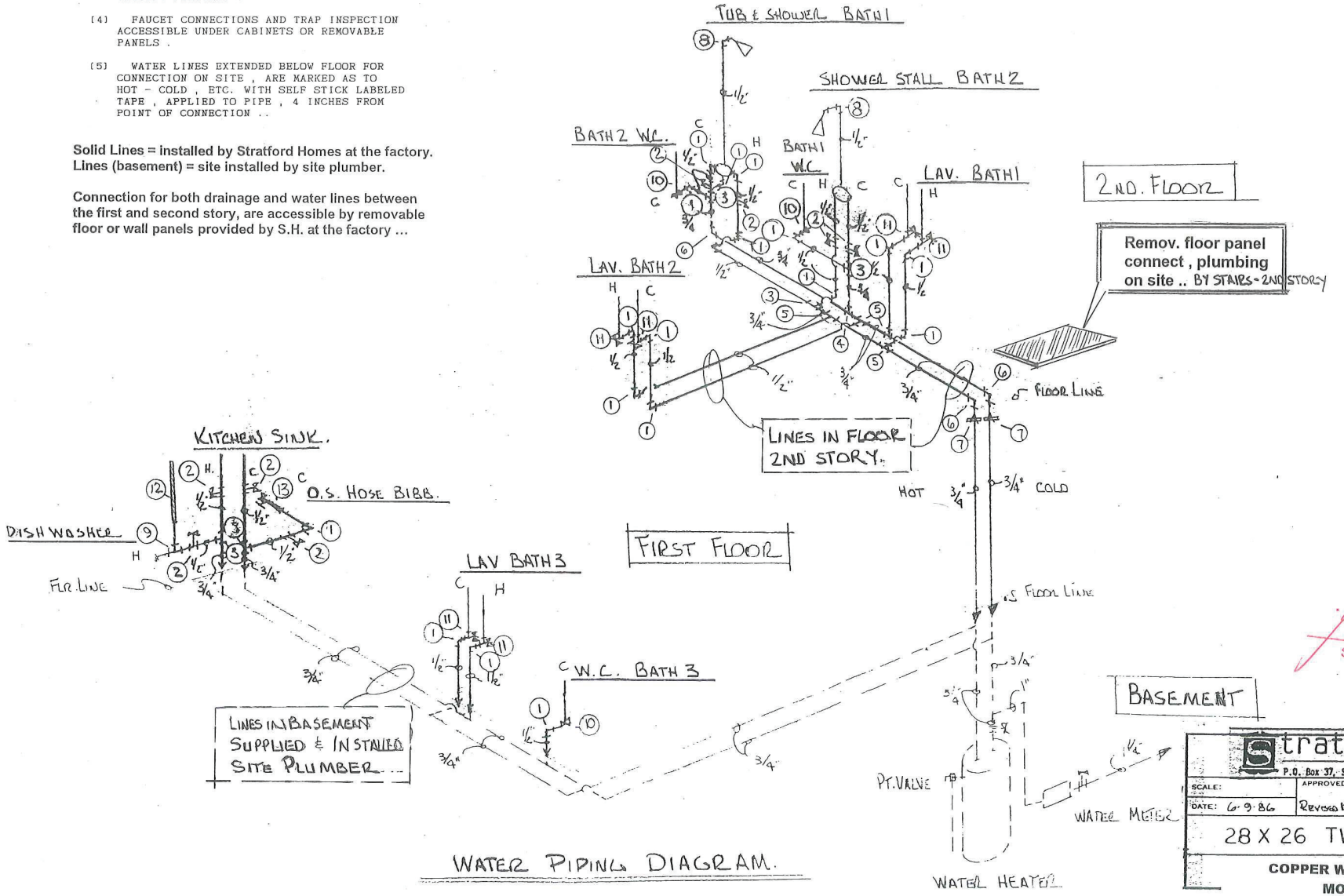
[3] AIR HAMMER ARRESTERS PROVIDED ON QUICK CLOSING FIXTURES .

[4] FAUCET CONNECTIONS AND TRAP INSPECTION ACCESSIBLE UNDER CABINETS OR REMOVABLE PANELS .

[5] WATER LINES EXTENDED BELOW FLOOR FOR CONNECTION ON SITE , ARE MARKED AS TO HOT - COLD , ETC. WITH SELF STICK LABELED TAPE , APPLIED TO PIPE , 4 INCHES FROM POINT OF CONNECTION ..

Solid Lines = installed by Stratford Homes at the factory.
Lines (basement) = site installed by site plumber.

Connection for both drainage and water lines between the first and second story, are accessible by removable floor or wall panels provided by S.H. at the factory ...



WATER PIPING DIAGRAM.

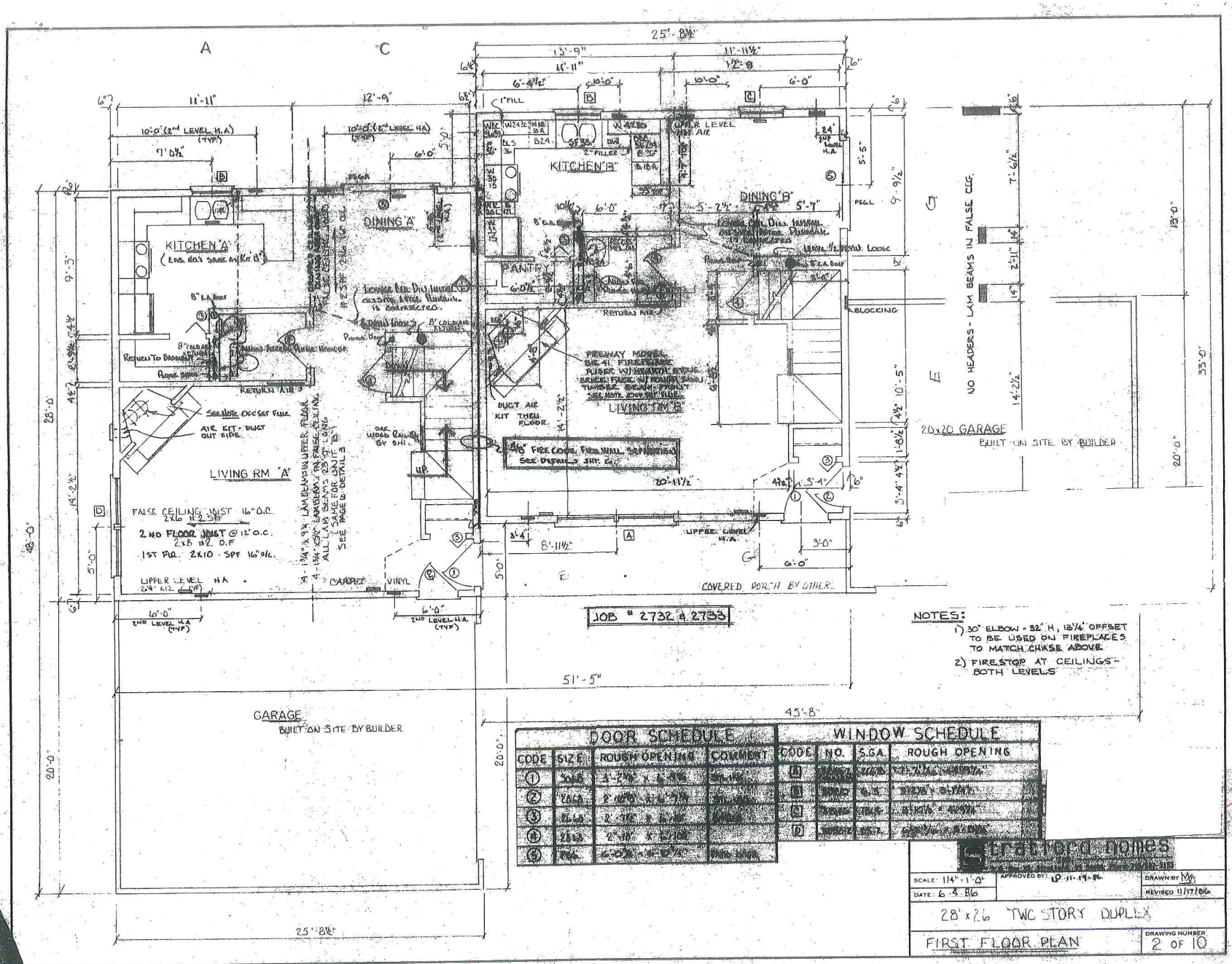
Conditionally APPROVED
SEE CORRESPONDENCE

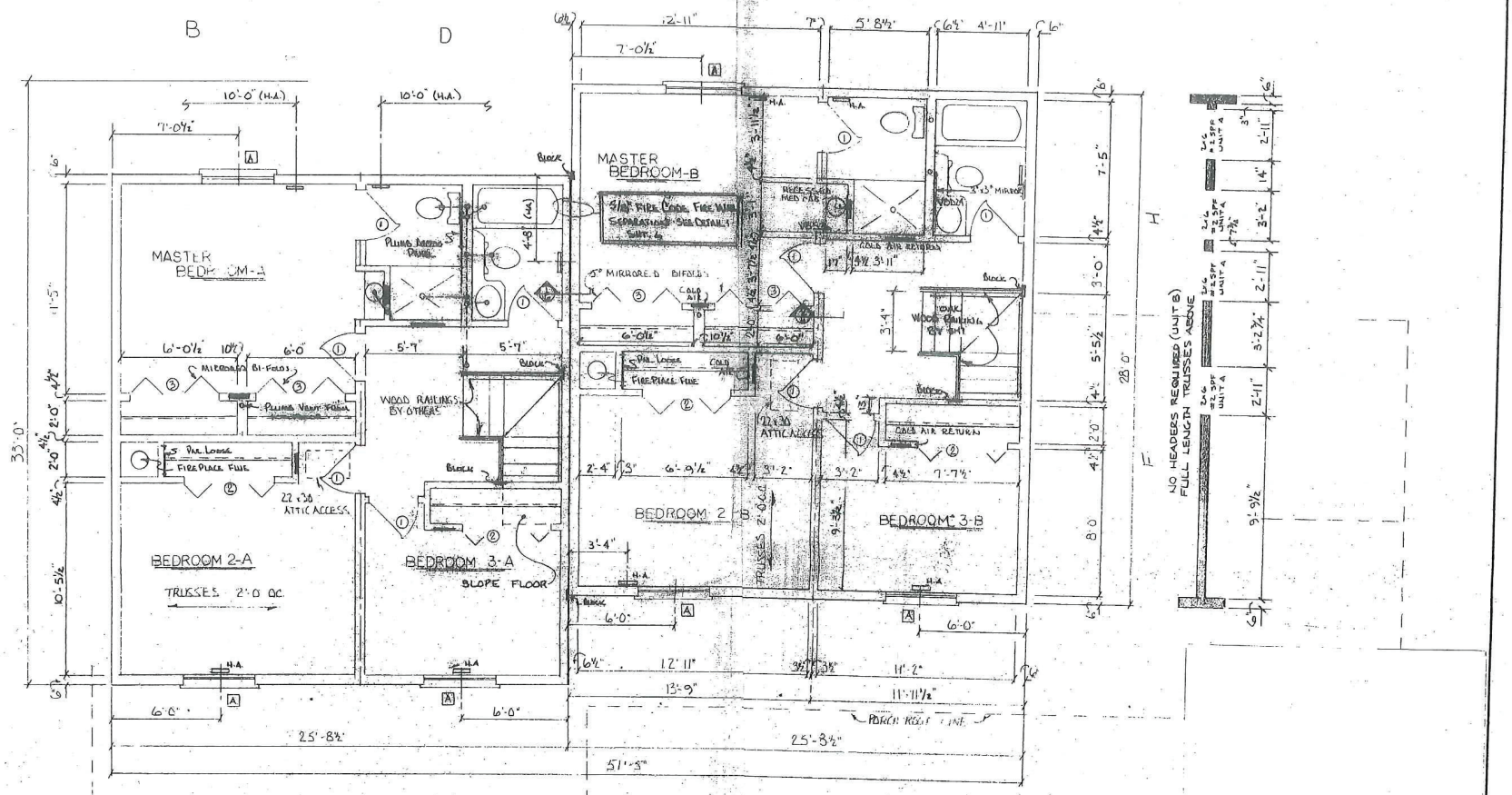
Stratford homes INC.
P.O. Box 37, Stratford, WI 54484 Phone 715/687-3133

SCALE:	APPROVED BY:	DRAWN BY LJP
DATE: 6-9-86	Revised 12-12-86 LJP	REVISED

28 X 26 TWO STORY DUPLEX

COPPER WATER SUPPLY DETAILS
MODEL # SH - 2- 87


KITCHEN 'A'
DINING 'A'
KITCHEN 'B'
DINING 'B'
PANTRY
LIVING RM 'A'
LIVING RM 'B'
20x20 GARAGE
BUILT ON SITE BY BUILDER
GARAGE
BUILT ON SITE BY BUILDER
COVERED PORCH BY OTHER
NO HEADERS - LAM BEAMS IN FALSE CLG.
JOB # 2732 & 2733
NOTES:
1) 30" ELBOW - 32" H, 12¼" OFFSET TO BE USED ON FIREPLACES TO MATCH CHASE ABOVE
2) FIRESTOP AT CEILINGS - BOTH LEVELS
DOOR SCHEDULE
WINDOW SCHEDULE
Conditionally APPROVED
SEE CORRESPONDENCE
SCALE: 1/4" = 1'-0"
DATE: 6-3-86
APPROVED BY: 11-19-86
DRAWN BY
REVISED 11/17/86
28' x 26' TWO STORY DUPLEX
FIRST FLOOR PLAN
DRAWING NUMBER 2 OF 10



WINDOW SCHEDULE				DOOR SCHEDULE			
CODE	NO.	S.G.A.	ROUGH OPENING	CODE	SIZE	ROUGH OPENING	COMMENT
A	[illegible]	[illegible]	5'-10½" x 4'-9¼"	①	[illegible]	2'-10" x 6'-10½"	
B				②	[illegible]	5'-1½" x 6'-10"	BIFOLD
C				③	[illegible]	4'-1½" x 6'-10½"	MIRRORED BI-FOLD

SCALE 1/4" = 1'-0" | APPROVED BY: | DRAWN BY MJ

DATE 10-4-86 | REVISED 9/25/86 11/18/86

28 x 26 2-STORY DUPLEX

SECOND STORY FLOOR PLAN | DRAWING NUMBER 3 OF 10

17 X 22 PRINTED ON NO. 1000R CLEARPRINT 4

Conditionally APPROVED
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