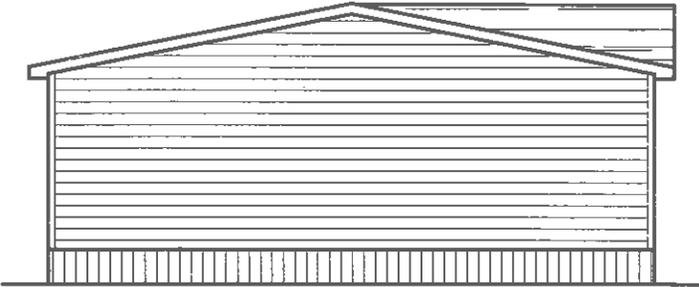
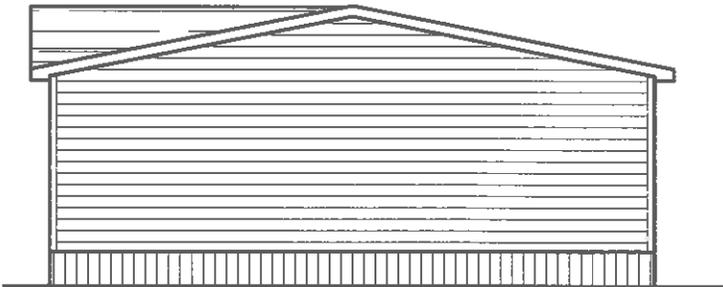


REAR ELEVATION



LEFT ELEVATION



RIGHT ELEVATION



FRONT ELEVATION

2,001 SQ.FT. (STD PLAN "CONDITIONED")
 N/A SQ.FT. (W/OPT. PORCH/RECESS "CONDITIONED")

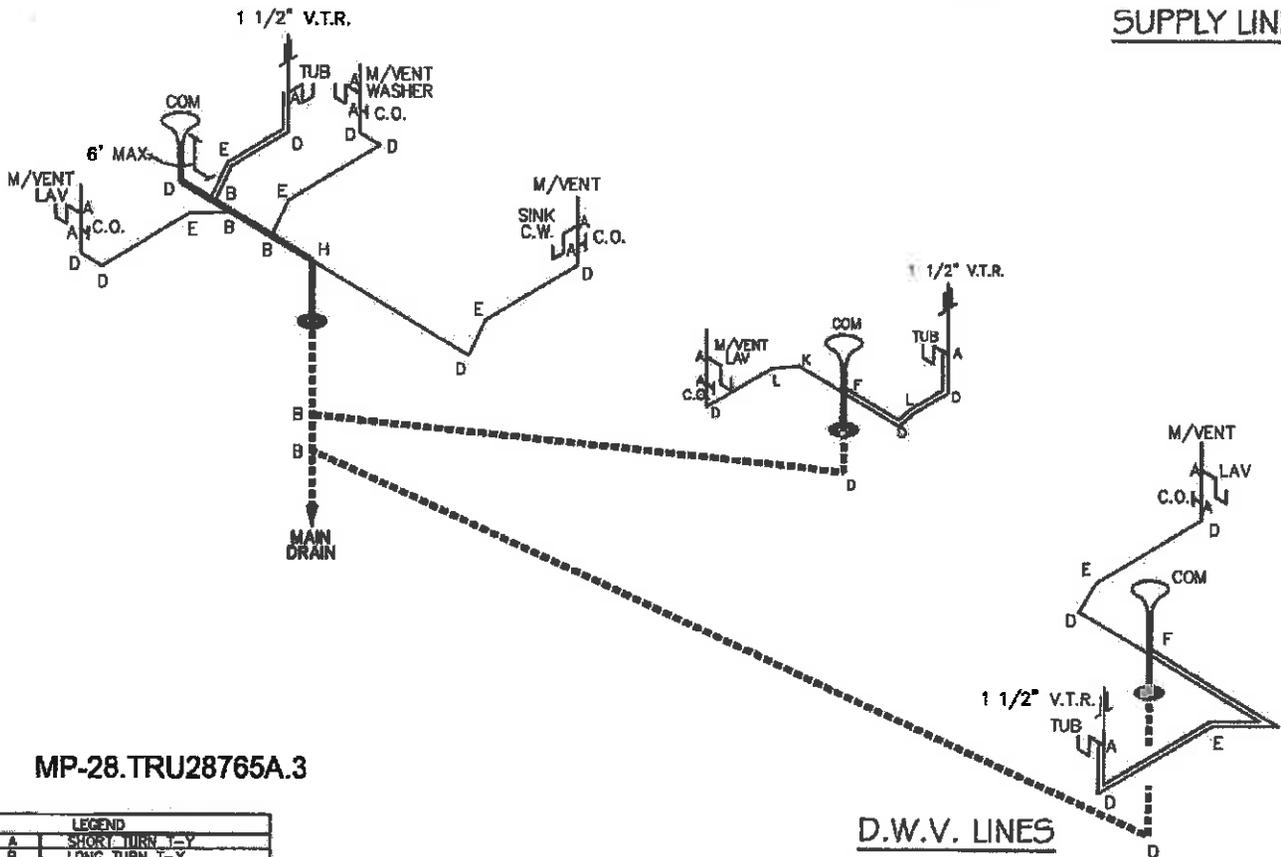
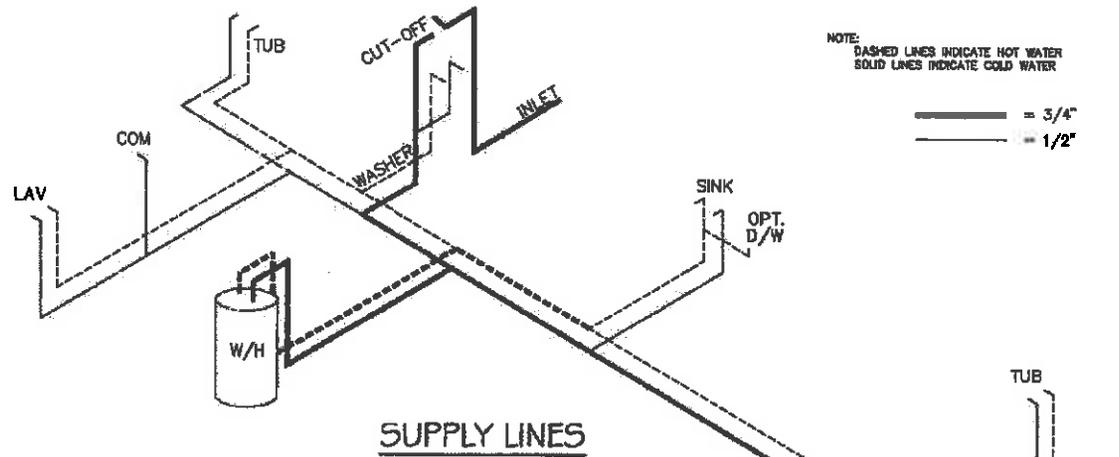
	Model #: TRU28765A	Drawing #:
	Date: 1.24.12 Scale: N.T.S.	TRU-M008-76-5
Product Designer: HarmonB	28' x 76' Triumph	
Elevation	REV:	

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CONSTRUCTION AND SAFETY STANDARDS



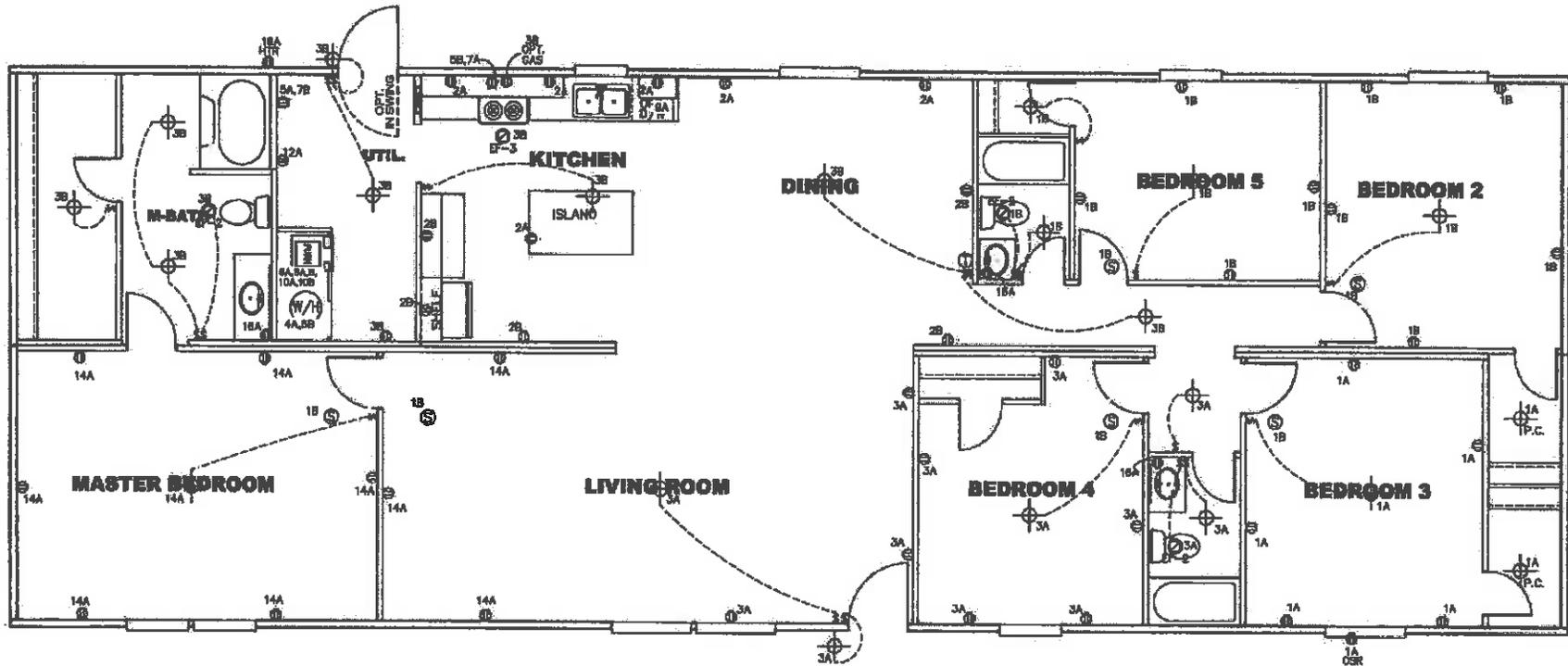
MP-28.TRU28765A.3

LEGEND	
A	SHORT TURN T-Y
B	LONG TURN T-Y
C	1/4 BEND
D	LONG SWEEP 1/4 BEND
E	45 ELL
F	DBL. SANITARY TEE
G	4x3 CLOSET ELL
H	DOUBLE ELL
I	22 1/2" ELL
J	45° Y
K	LONG TURN STREET ELBOW
L	45 FTG ELL

DWV LINE SIZE CHART	
—	= 3"
—	= 2"
—	= 1 1/2"

2,001 SQ.FT. (STD PLAN "CONDITIONED")
N/A SQ.FT. (W/OPT. PORCH/RECESS "CONDITIONED")

TRU HOMES	Model #: TRU28765A	Drawing #:
	Date: 22.18	Scale: N.T.S.
Product Designer: HultingJ	28' x 76' *****	
D.W.V. and Supply Lines		REV: 6/25/2018 8:35:44 PM, hultingj



SYMB	DESCRIPTION	SYMB	DESCRIPTION
⓪	115v RECEPTACLE OUTLET	Ⓛ	DISHWASHER
Ⓛ	220v RECEPTACLE OUTLET	Ⓜ	GARBAGE DISPOSAL
Ⓛ	GFI RECEPTACLE OUTLET	Ⓜ	JACUZZI
Ⓛ	THERMOSTAT	Ⓜ	WHIRLPOOL
Ⓛ	SMOKE DETECTOR	Ⓜ	SPA
Ⓛ	SWITCH	GFI	GROUND FAULT INTERUPTOR
Ⓛ	EXHAUST FAN	OSR	OUTSIDE RECEPTACLE
Ⓛ	FLOOD LIGHT FIXTURE	HTR	HEAT TAPE RECEPTACLE
Ⓛ	FIRE EXTINGUISHER	P.C	PULL CHAIN FIXTURE
Ⓛ	LIGHT FIXTURE	Ⓛ	CEILING FAN
Ⓛ	CAN LIGHT	Ⓛ	LIGHT/FAN COMBO
Ⓛ	STRIP LIGHT	Ⓛ	PENDANT LIGHT FIXTURE
Ⓛ	FLORESCENT LIGHT	SEP	SERVICE PANEL

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NOTES:

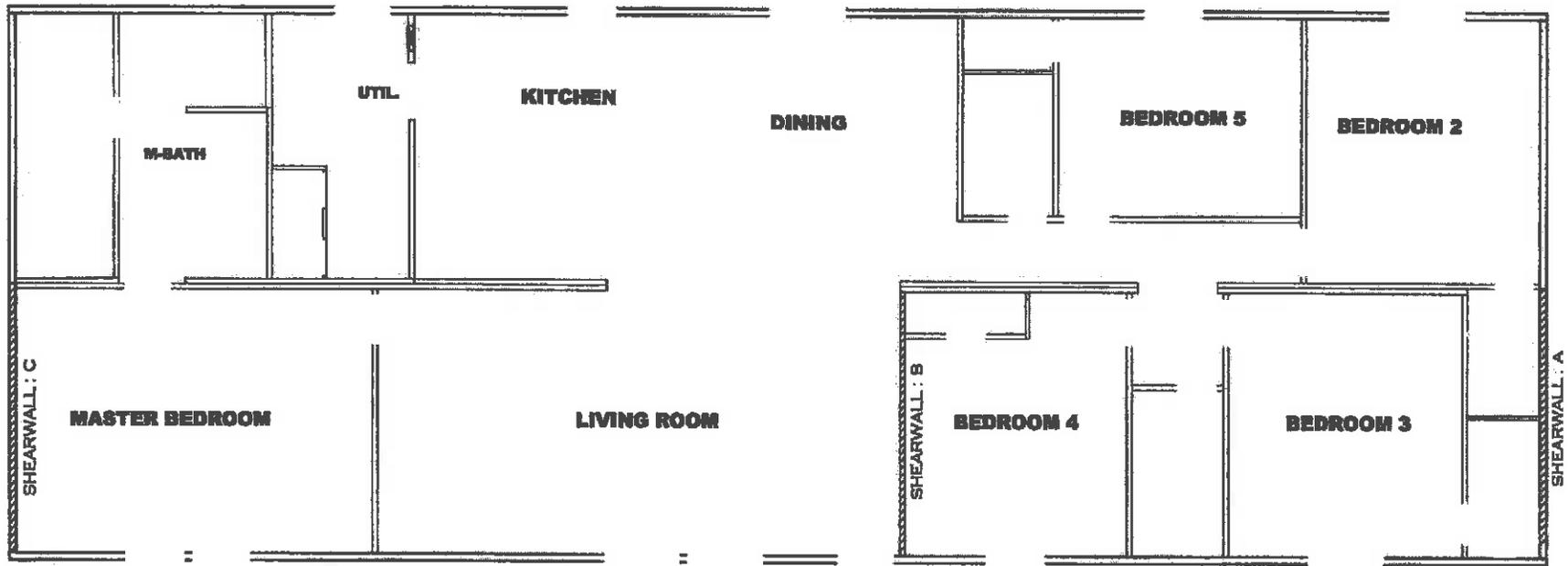
- REFER TO EL SECTION OF THE DAPIA FOR SYMBOL CHART.
- EITHER LIGHT OR RECEPTACLE MUST CONNECT TO SWITCH.
- EF-1= 50 CFM EXHAUST FAN REQUIRED FOR THERMAL ZONE III THERMAL ZONES I & II MAY USE FAN OR WINDOW W/1.5 SQ. FT. OPENABLE GLASS.
- EF-2= 50 CFM EXHAUST FAN REQUIRED THERMAL ZONE I, II, AND III.
- EF-3= 100 CFM RANGE EXHAUST FAN, SWITCH AT HOOD.
- ALL SMOKE ALARMS TO BE LOCATED ON THE CEILING.
- DIMENSIONS SHOWN ON PRINT ARE APPROXIMATE AND TO BE USED ONLY AS A GUIDELINE.
- REFER TO EL SECTION OF THE DAPIA OR THE MFG. INSTALLATION INSTRUCTIONS FOR PROPER WIRE SIZE AND BREAKER SIZE FOR SPECIFIC APPLIANCE AND MODEL BEING INSTALLED.

MP-28.TRU28765A.2

CIRCUIT	CIRCUIT #	WIRE	BREAKER	CIRCUIT	CIRCUIT #	WIRE	BREAKER	CIRCUIT	CIRCUIT #	WIRE	BREAKER
LIGHT/RESEP	1A,1B,3A,3B,14A	14-2	15-SP	WATER HEATER	4A,8B	SEE NOTE #8		BATHROOM	18A	12-2	20-SP
KITCHEN	2A,2B	12-2	20-SP	RANGE	5B,7A	SEE NOTE #8		OPT G/DISP	9B	SEE NOTE #8	
WASHER	12A	12-2	20-SP	FURNACE	6A,8A,B,10A,B	SEE NOTE #8		OPT SPA/WH/ACC	11A,B	SEE NOTE #8	
DRYER	5A,7B	SEE NOTE #8		OPT G/WASH	9A	SEE NOTE #8		FREEZER	N/A	SEE NOTE #8	
				SMOKE DECT.	1B	SEE NOTE #8					

2,001 SQ.FT. (STD PLAN "CONDITIONED")
 N/A SQ.FT. (W/OPT. PORCH/RECESS "CONDITIONED")

TRU HOMES	Model #: TRU28765A	Drawing #:
	Date: 6.22.18	Scale: N.T.S.
Product Designer: HurlingJ	28' x 76' *****	
ELECTRICAL PLAN		REV: 6/27/2018 8:44:24 AM, HurlingJ



Model # TRU-M008-76-5 Minimum Joist Spacing 16"
 Box Width = 100" Double wide No Offset Box
 Box Length = 76" No Clearency
 No Skylights No Original Downer
 No Porches No Sunken Floor
 Joist Size = #2 apr 2x8 Legs 4x4 No Rampet Roof

Version R13.7

Shearwall (In./Feet)	Length	PLF	# of Joints	Legs	Notes
A	6'	130*	2	2/1	
C	76'	128*	2	3/1	
B	31.87'	Full	2	2/2	0.06
C	76'	128*	2	4/3	
A	6'	Full	2	3/2	
B	31.87'	Full	2	3/2	
C	76'	128*	2	4/3	

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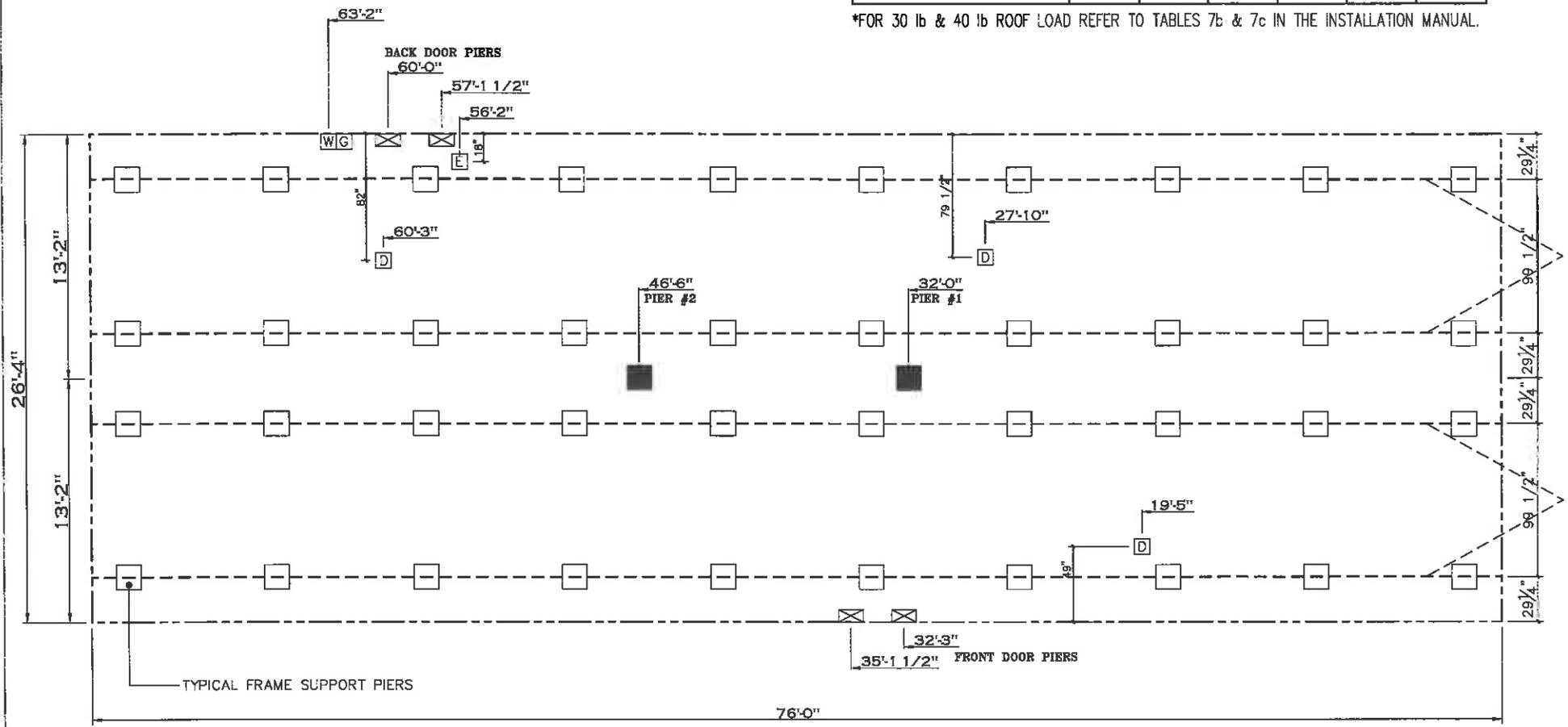
 6/27/2018
 FEDERAL MANUFACTURED HOME
 CONSTRUCTION AND SAFETY STANDARDS

2,001 SQ.FT. (STD PLAN "CONDITIONED")
 N/A SQ.FT. (W/OPT. PORCH/RECESS "CONDITIONED")

 Product Designer: Hasting	Model # TRU28765A	Drawing #:
	Date: 6.22.18	Scale: N.T.S.
28' x 76'		TRU-M008-76-5
Shearwall Page		REV: 6/25/2018 9:35:23 PM, hasting

20 lb ROOF LOAD SIDEWALL OPENING PIER LOAD 28' BOX WIDTH	SIDEWALL OPENING (FT) REQUIRED PIER LOAD (LBS)					
	3	4	5	6	8	10
	1175	1330	1485	1640	1950	2260

*FOR 30 lb & 40 lb ROOF LOAD REFER TO TABLES 7b & 7c IN THE INSTALLATION MANUAL.



- GENERAL NOTES:**
- PIER LOADS SHOWN ARE TO BE USED TO SIZE THE FOOTINGS BELOW THE MARRIAGEWALL FOR COLUMN SUPPORT PIERS. REFER TO TABLES 6b AND 6c IN THE INSTALLATION MANUAL FOR LOAD ON FRAME PIER FOOTINGS FOR HOMES THAT DO NOT REQUIRE PERIMETER BLOCKING. REFER TO TABLES 7b AND 7c IN THE INSTALLATION MANUAL FOR LOAD ON FRAME PIER FOOTINGS THAT REQUIRE PERIMETER BLOCKING. REFER TO TABLES 10 AND 10a TO DETERMINE FOOTING SIZE FOR ALL PIERS.
 - REFER TO TABLE 9 FOR PIER CONFIGURATION AND MAXIMUM ALLOWABLE HEIGHTS. CROSS REFERENCE THE PIER HEIGHT WITH THE MAXIMUM ALLOWABLE FLOOR HEIGHT LISTED IN THE FRAME TIEDOWN CHARTS (TABLE 18, 19, AND 20).
 - FLOOR WIDTH SHOWN IS FOR STANDARD PRODUCT ONLY. CONTACT THE MFG PLANT FOR SPECIFICATIONS OF OPTIONS ORDERED.
 - SERVICE DROP LOCATIONS IDENTIFIED ARE APPROXIMATE.
 - THE MAXIMUM SPACING FOR FRAME SUPPORT PIERS FOR 8" I-BEAMS IS 8 FEET, 10" & 12" I-BEAMS ARE 10 FEET.

PIER LEGEND	
□	= SUPPORT UNDER MATING OPENING
■	= SUPPORT AT MATING COLUMN
▨	= SUPPORT UNDER MATING WALL
■	= PIER PORCH/RECESSED ENTRY
□	= PIER MAIN BEAM
▨	= PIER PERIMETER
●	= TIE-DOWN SUPPORT (QTY PER TEL M, SEE DETAIL D-6 IN FOUND. PKG.)

SERVICE DROP LEGEND	
E	= ELECTRICAL DROP
W	= WATER INLET
D	= DWV PLUMBING DROP
G	= GAS INLET

20 lb Roof Load			28 lb Roof Load		
Column Pier #	Distance from Pitch Post	Pier Load (lbs)	Column Pier #	Distance from Pitch Post	Pier Load (lbs)
1	32	0	1	32,000	5272
2	46	6	2	46,500	5272

2,001 SQ.FT. (STD PLAN "CONDITIONED")
N/A SQ.FT. (W/OPT. PORCH/RECESS "CONDITIONED")

TRU HOMES Model #: TRU28765A Drawing #:
Date: 1.24.12 Scale: N.T.S. TRU-MOOB-76-5

Product Designer: Harmon B 28' x 76' *****

PIER LOADS REV: 6/27/2018 11:40:23 AM, Huiting J

Duct Design Input

Model	TRU28765A	Mfg.	TRU-MFG	Date	6/25/2018	Source	TRU-M008-76-5
Design Type	Flow Direction	Plenum Connection	Plenum Location	Plenum Width X	Plenum Length		
Double-section	Down Flow	Direct to a Trunk	Floor B	11 X 13 (Sqr. In)			

Note: all the unspecified dimensions are in inches.

Crossover	Supply	To	Material	H / D	Width	Length (ft)	Offset Dk.	Offset
1	Floor B	Floor A	Flex	12	N/A	14	Center	0

Floor A	Vertical	Material	Trunk H	Trunk W	First Floor	Aluminum	5	12
Direction	Distance(ft)	Boot Type	Boot H/D	Boot W	Boot L (ft)	Reg. Type	Register H	Register W
Left 1	3.56	Reg. Boot	4	10	0.5	Boot Reg.	4	10
Left 2	1.59	Reg. Boot	4	10	0.5	Boot Reg.	4	10
Left 3	15.25	Reg. Boot	4	10	0.5	Boot Reg.	4	10
Right 1	21.05	Reg. Boot	4	10	0.5	Boot Reg.	4	10
Right 2	1.5	Reg. Boot	4	10	0.5	Boot Reg.	4	10
Right 3	14.98	Reg. Boot	4	10	0.5	Boot Reg.	4	10
Right 4	1.17	Reg. Boot	4	10	0.5	Boot Reg.	4	10

Floor B	Vertical	Material	Trunk H	Trunk W	First Floor	Aluminum	5	12
Direction	Distance(ft)	Boot Type	Boot H/D	Boot W	Boot L (ft)	Reg. Type	Register H	Register W
Left 1	4.37	Reg. Boot	4	10	0.5	Boot Reg.	4	10
Right 1	18.17	Reg. Boot	4	10	0.5	Boot Reg.	4	10
Right 2	15.75	Reg. Boot	4	10	0.5	Boot Reg.	4	10
Right 3	4.38	Reg. Boot	4	10	0.5	Boot Reg.	4	10
Right 4	12.21	Reg. Boot	4	10	0.5	Boot Reg.	4	10
Right 5	1	Reg. Boot	4	10	0.5	Boot Reg.	4	10

Duct Design Performance

The refrigerated air cooling supply duct system including registers must be capable of handling at least 300 cfm per 10,000 Btu/h with a static pressure no greater than 0.3 inches of water when measured at room temperature-HUD Manufactured Home Construction and Safety Standards, Part 3280.715 (a) (3) (ii)

Performance Calculated at a Static Pressure of 0.3 In. wc.

Air Flow Rate (SCFM)	1710	Duct Capacity (Btu/Hr)	57000
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CertiDuct 5.1



MP-28.TRU28765A.4