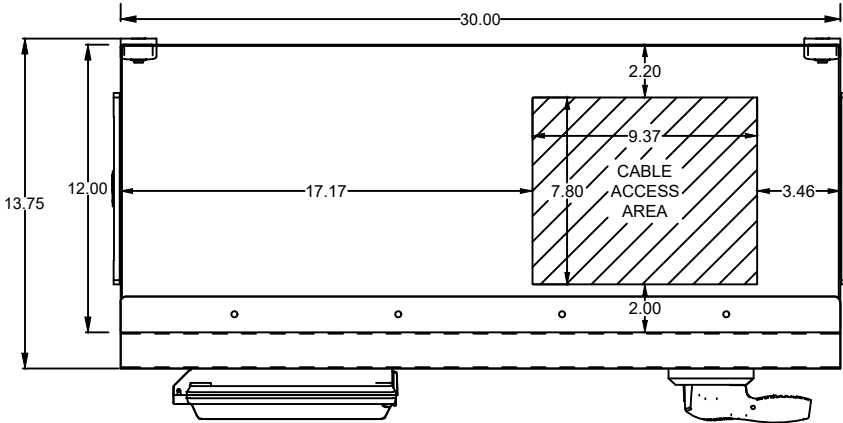
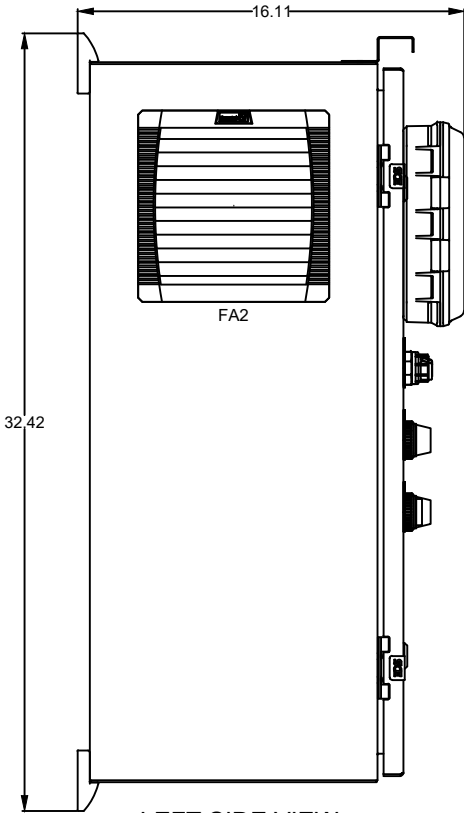


LABEL LEGEND

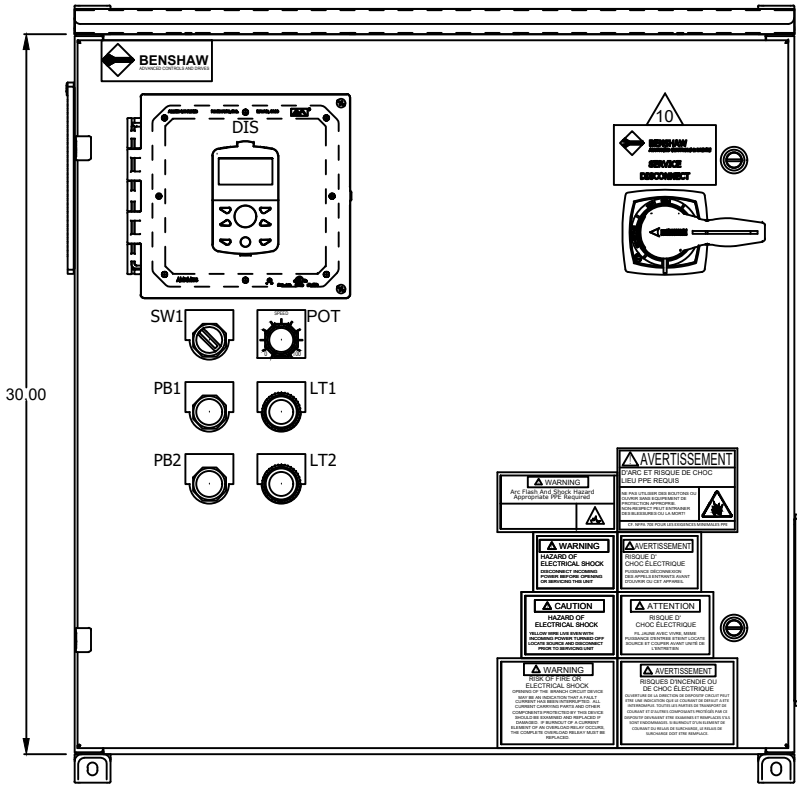
- CB1: CIRCUIT BREAKER
- DIS: VFD LCD DISPLAY/KEYPAD
- GND: GROUND LUG
- VFD: VARIABLE FREQUENCY DRIVE
- TB1: TERMINAL BLOCKS
- R0: CONTROL RELAY
- T1: CONTROL POWER TRANSFORMER
- FU4-FU5: PRIMARY FUSES (T1)
- FU6: SECONDARY FUSE (T1)
- TS1: HEATER THERMOSTAT
- TS2: FAN THERMOSTAT
- FA1: VENT FAN INTAKE
- FA2: VENT FAN EXHAUST
- SW1: HAND-OFF-AUTO SELECTOR SWITCH
- POT: SPEED POTENTIOMETER
- PB1: START PUSHBUTTON
- PB2: STOP PUSHBUTTON
- LT1: PILOT LIGHT RUN RED
- LT2: PILOT LIGHT FAULT AMBER



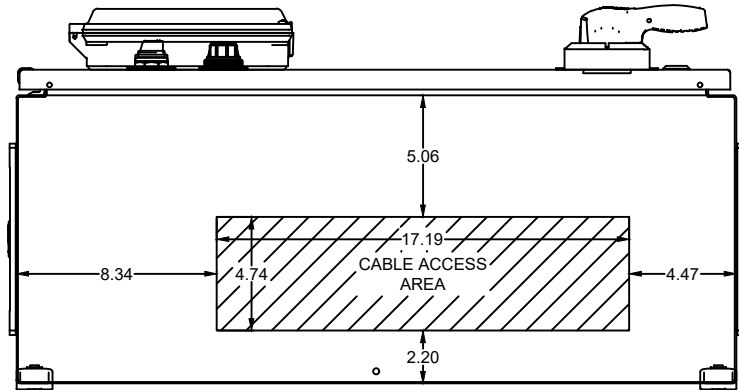
TOP VIEW



LEFT SIDE VIEW



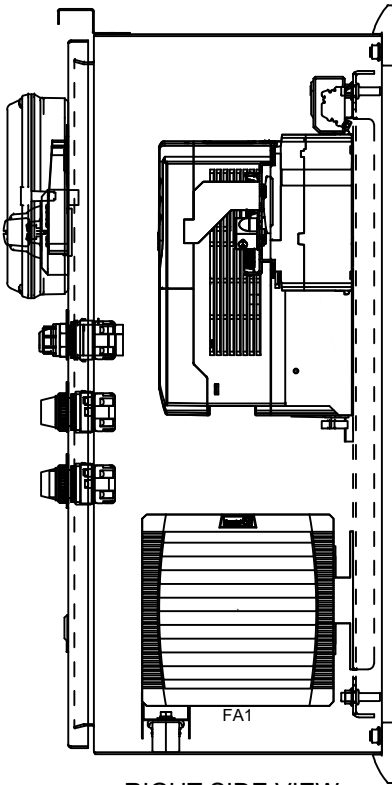
FRONT VIEW



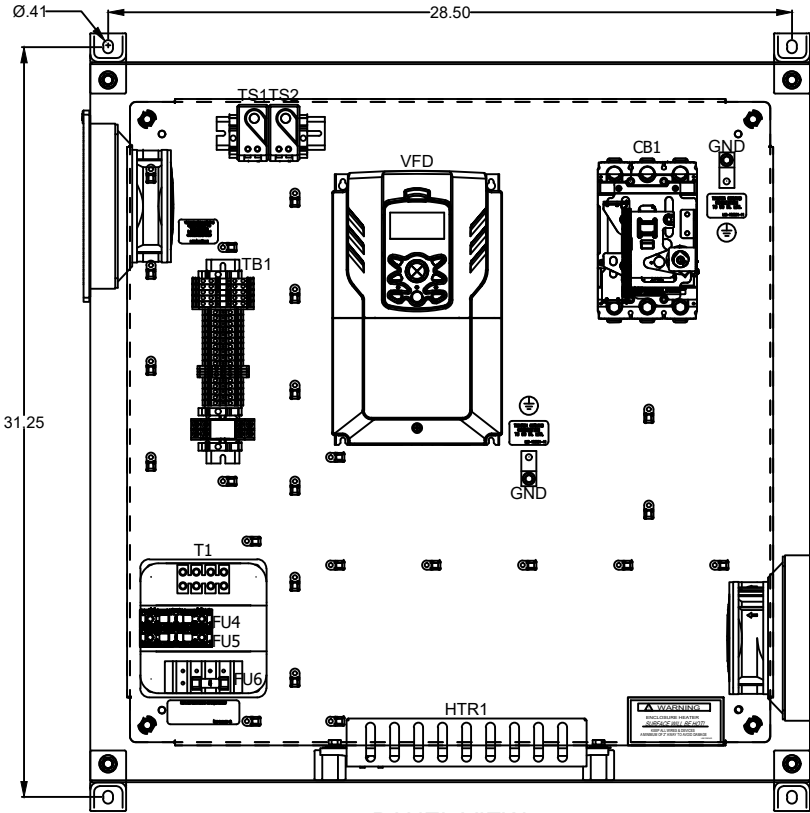
BOTTOM VIEW

NOTES:

1. MINIMUM WIRE BENDING SPACE SHALL BE 3.00" FROM TOP OF CIRCUIT BREAKER POWER CONNECTION TO TOP OF ENCLOSURE.
2. ENSURE THAT ALL RIBBON CABLES ARE ROUTED AWAY FROM POWER CONDUCTORS.
3. MINIMUM WIRE BENDING SPACE SHALL BE 3.00" FROM OUTPUT VFD POWER CONNECTION TO TOP OR BOTTM OF ENCLOSURE.
4. ENCLOSURE LAYOUT IS DESIGNED FOR CABLE ENTRY/EXIT TO BE TOP/BOTTOM.
5. ENCLOSURE IS ANSI-61 GRAY POWDER COATED INSIDE AND OUT.
6. ENCLOSURE ENVIROMENTAL RATING IS UL TYPE 3R.
7. UNIT SCCR IS 65KAIC.
8. ESTIMATED WEIGHT: 160LBS.
9. ALLOW A MINIMUM OF 4 INCHES OF SPACE ON BOTH SIDES OF THE ENCLOSURE FOR PROPER VENTILATION.
10. MOTOR CONTROLLER IS SUITABLE FOR USE AS SERVICE EQUIPMENT. IF MOTOR CONTROLLER IS GOING TO BE USED AS SERVICE EQUIPMENT, INSTALL "SERVICE DISCONNECT" LEGEND AS SHOWN. "SERVICE DISCONNECT" IS SHIPPED LOOSE WITH MOTOR CONTROLLER.



RIGHT SIDE VIEW



PANEL VIEW

APPROVED: CHG. BY: CHANGE:

REVISIONS

DO NOT SCALE DWG

THIRD ANGLE PROJECTION

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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN INCHES INTERPRET DRAWING PER ASME Y14.5M-1994 TOLERANCES: .XX ± .03 .XXX ± .015 ANGLES ± 1° MATERIAL: FINISH:

TITLE: ENCLOSURE LAYOUT H2X VFD HEAVY DUTY 15HP 460VAC 60HZ STANDARD DUTY 20HP 460VAC 60HZ

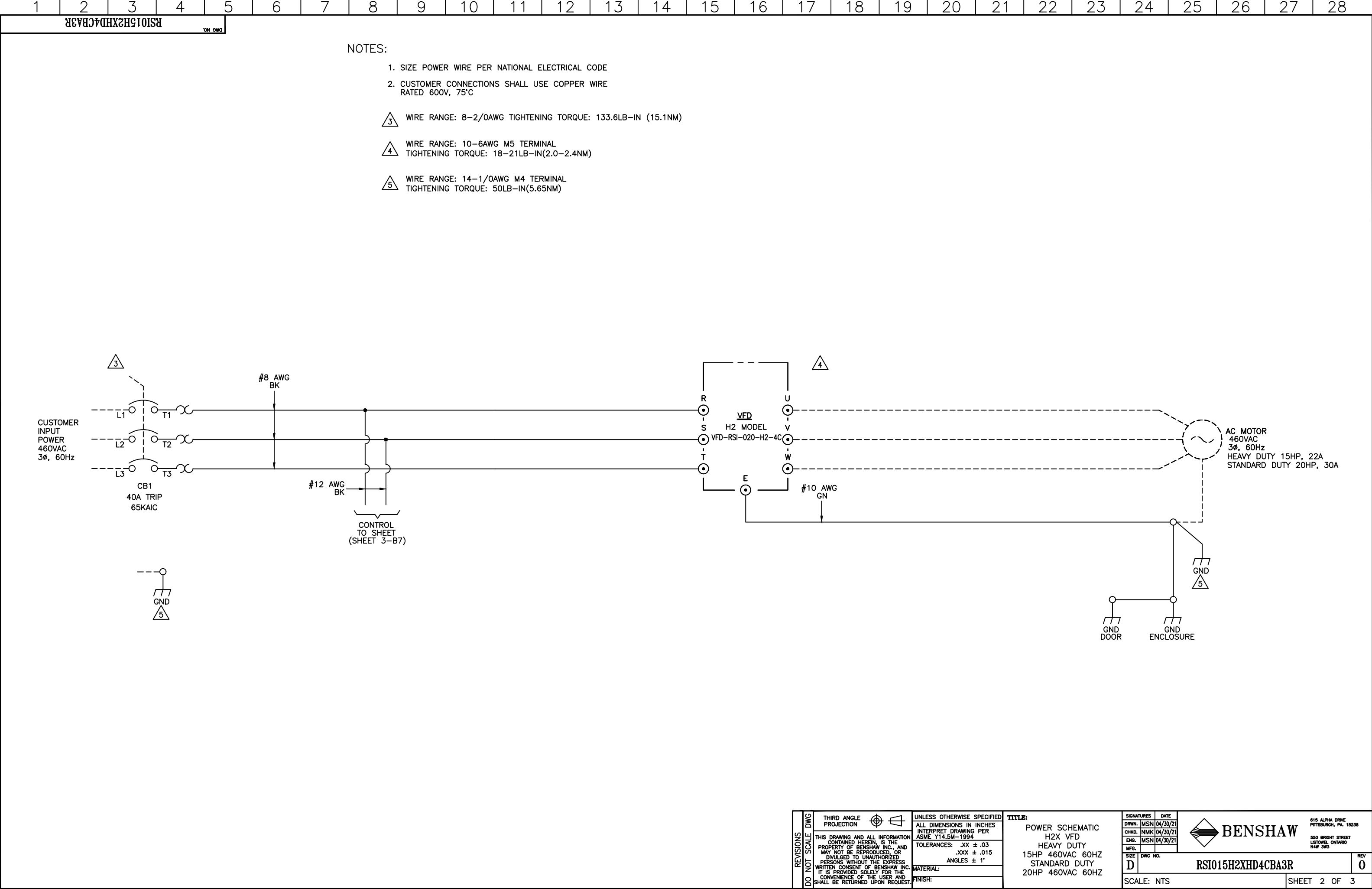
SIGNATURES	DATE
DRWN. MSN	04/30/21
CHKD. NMR	04/30/21
ENG. MSN	04/30/21
MFG.	

SIZE	DWG NO.	REV
D	RSI015H2XHD4CBA3R	0

SCALE: 1:4

SHEET 1 OF 3

615 ALPHA DRIVE
PITTSBURGH, PA. 15236
550 BRIGHT STREET
LISTOWEL, ONTARIO
N4W 3W3



REVISIONS

DO NOT SCALE DWG

THIRD ANGLE PROJECTION

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UNLESS OTHERWISE SPECIFIED

ALL DIMENSIONS IN INCHES INTERPRET DRAWING PER ASME Y14.5M–1994

TOLERANCES: .XX ± .03
.XXX ± .015
ANGLES ± 1°

MATERIAL:

FINISH:

TITLE:

POWER SCHEMATIC
H2X VFD
HEAVY DUTY
15HP 460VAC 60HZ
STANDARD DUTY
20HP 460VAC 60HZ

SIGNATURES

DATE

DRWN. MSN 04/30/21

CHKD. NMK 04/30/21

ENG. MSN 04/30/21

MFG.

SIZE D

DWG NO. RSI015H2XHD4CBA3R

REV 0

SCALE: NTS

SHEET 2 OF 3

BENSHAW

615 ALPHA DRIVE
PITTSBURGH, PA. 15238
550 BRIGHT STREET
LITTONEL, ONTARIO
N4W 3W3

