

ZONING FOR HEAT DISTRIBUTION

Hudson Housing Authority Hudson, MA

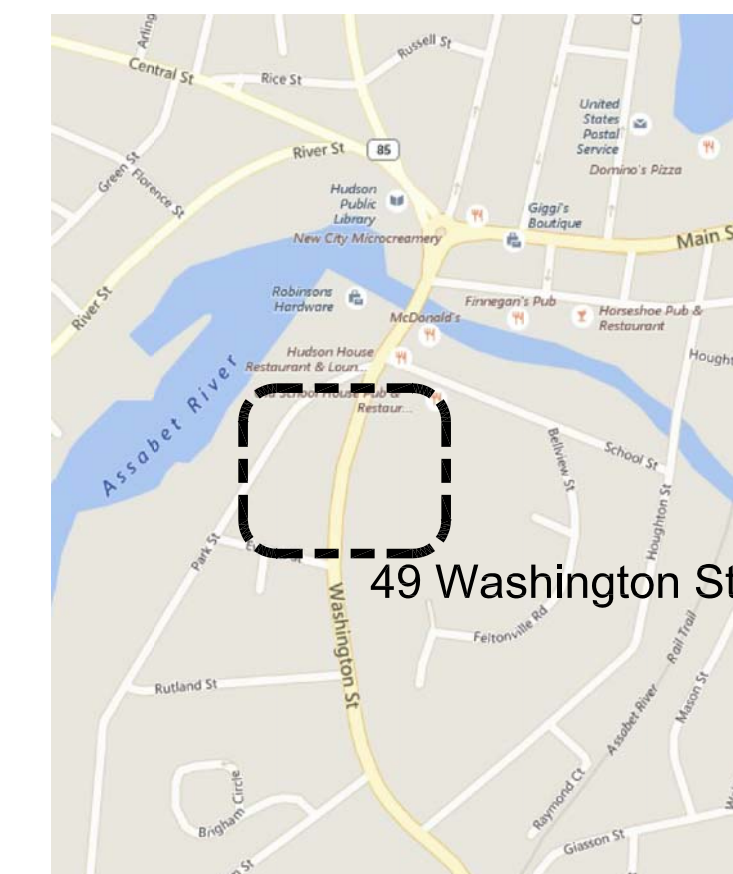
DHCD Project #: 141047

SEPTEMBER 21, 2016

BID SET



49 Washington Street
(689-1)



Location Map

Drawing List

- T1.00 COVER SHEET
- M-0.1 MECHANICAL LEGEND AND NOTES
- M-1.0 BASEMENT AND FIRST FLOOR MECHANICAL PLAN
- M-1.1 SECOND FLOOR MECHANICAL PLAN

ANDREW M. BROCKWAY
& Associates

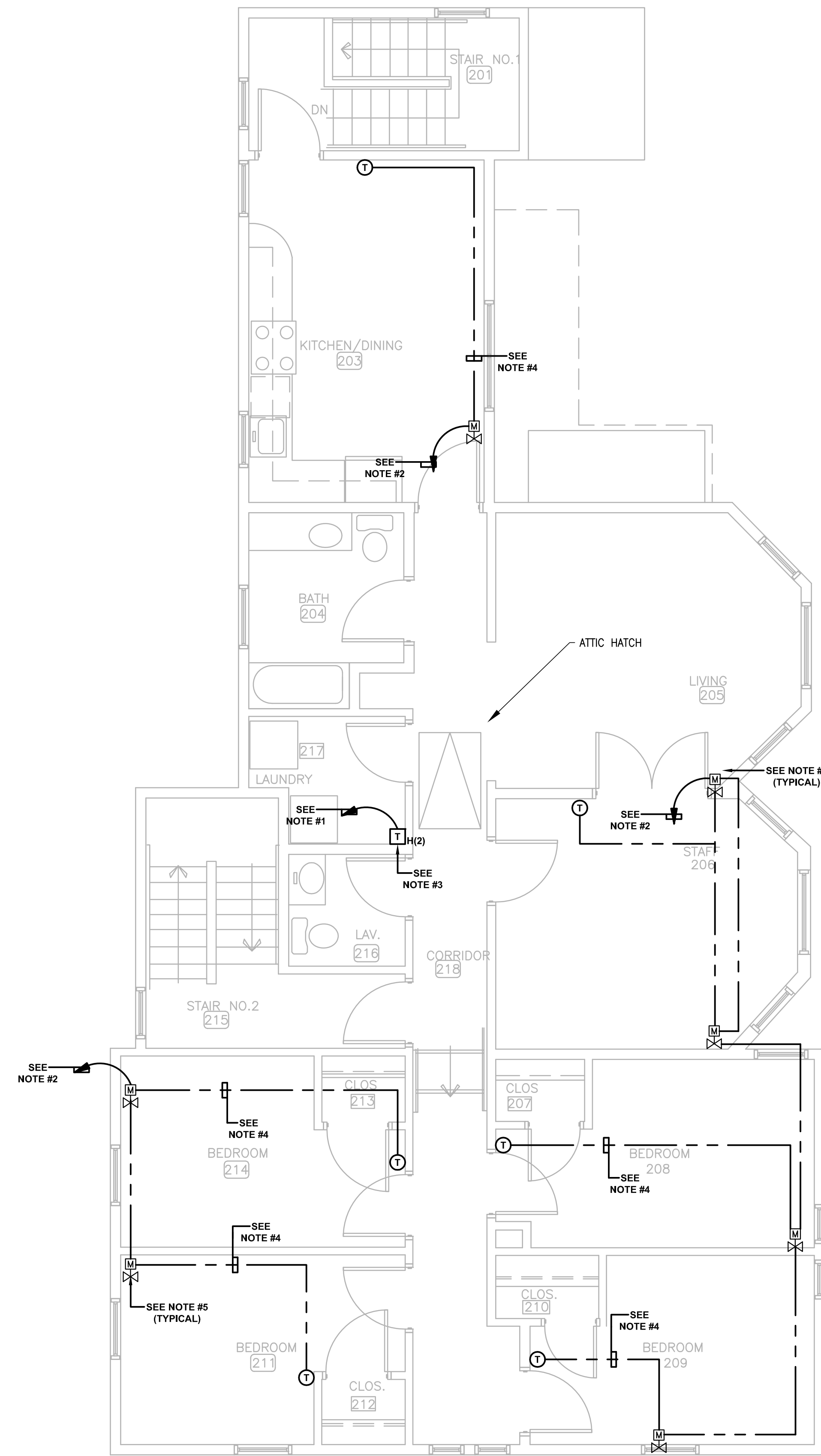
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T1.00

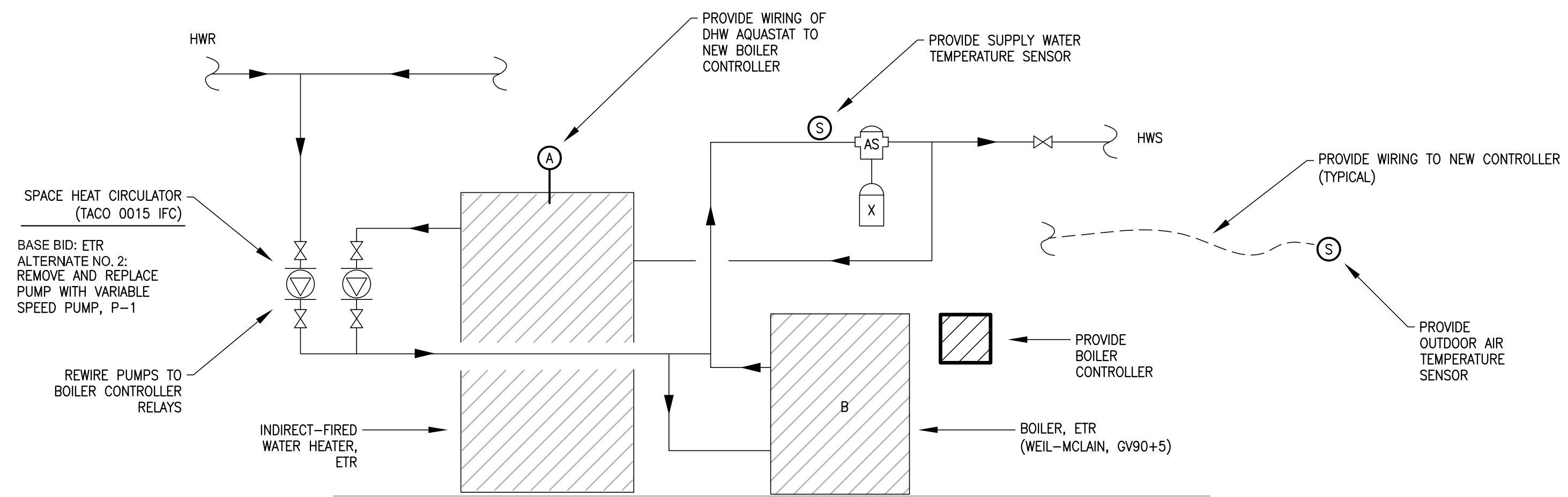


NOTES:

1. THE ELECTRICAL CONTRACTOR SHALL WIRE TO NEW CIRCUIT BREAKER LOCATED IN EXISTING BASEMENT PANELBOARD.
2. THE CONTRACTOR SHALL WIRE TO THE HEATING SYSTEM TRANSFORMER AT THE SECOND FLOOR.
3. THE FINAL LOCATION OF THE HEATING SYSTEM TRANSFORMER AND THERMOSTAT SHALL BE DETERMINED BY THE CONTRACTOR AND ARCHITECT IN THE FIELD.
4. THERMOSTAT WIRING SHALL BE CONCEALED. THE CONTRACTOR SHALL FISH CABLE IN WALL TO ATTIC SPACE OR BASEMENT SO THAT THE WIRING IS CONCEALED.
5. THE MECHANICAL CONTRACTOR SHALL REMOVE THE EXISTING NON-ELECTRIC ZONE VALVE (NEZV) FROM WITHIN THE BASEBOARD ENCLOSURE. PROVIDE MOTORIZED 2-WAY ZONE VALVE AND RECONNECT TO EXISTING PIPING.
6. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL A 20 AMPERE 1-POLE CIRCUIT BREAKER IN EXISTING PANELBOARD FOR THE BUILDING HEATING SYSTEM TRANSFORMERS.

MECHANICAL NOTES:

1. SEE SPECIFICATIONS AND DETAILS FOR FURTHER REQUIREMENTS.
2. INSTALL EQUIPMENT AND SYSTEMS PER CODE AND PER MANUFACTURER'S INSTRUCTIONS.
3. ALL DIMENSIONS AND LOCATIONS ARE APPROXIMATE. CONTRACTOR TO INSPECT AND VERIFY ALL INFORMATION IN FIELD AND INFORM THE ENGINEERS OF ANY DISCREPANCIES IN WRITING IMMEDIATELY.
4. EQUIPMENT, DUCTS AND PIPING MAY BE SHOWN DISPLACED FOR CLARITY.
5. GC TO PROVIDE REQUIRED FIRESTOPPING AND ACOUSTICAL SEALANT. MC TO PROVIDE GC WITH MARKED UP PLAN SHOWING PENETRATIONS.
6. MC TO SUPPLY ACCESS HATCHES. GC TO INSTALL.
7. CONCEAL ALL CONTROL WIRING FOR THERMOSTATS WITHIN WALLS. NO SURFACE MOUNTED RACEWAYS.



NOTES:

REMOVE EXISTING TWO-ZONE CONTROLLER. PROVIDE TEKMAR 260 BOILER CONTROLLER. TEMPERATURE SENSOR WIRING, PROGRAMMING, AND STARTUP. CONTROLLER SHALL PROVIDE START/STOP SIGNAL TO EXISTING BOILER, OUTDOOR TEMPERATURE RESET OF SUPPLY WATER TEMPERATURE, DHW ZONE CONTROL INCLUDING BOILER RESET OVERRIDE, WARM WEATHER SHUT DOWN OF SPACE HEAT, AND PUMP CONTROL FOR TWO PUMPS.

NO. DATE REVISION

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STAMP

PROJECT NUMBER
DHCD # 141047
 PROJECT
ZONING FOR HEAT DISTRIBUTION
49 WASHINGTON ST (689-I)
HUDSON HOUSING AUTHORITY
HUDSON, MA

TITLE
SECOND FLOOR MECHANICAL PLAN

DATE SECTION DRAWING NUMBER
09/21/16 **M-1.1**

1 SECOND FLOOR MECHANICAL PLAN
 M-1.1 SCALE: 1/4" = 1'-0"

2 ALTERNATE NO. 1 - BOILER CONTROLS
 M-1.1 SCALE: NTS