



ADDENDUM #1

CITY HALL HVAC UPGRADE

BID #15/16-002 – PWP# WA-2015-224

BIDS DUE NO LATER THAN: 1:45 PM ON JULY 29, 2015

PUBLIC BID OPENING: 2:00 PM ON JULY 29, 2015

This addendum is to notify all potential proposers of clarifications made to the Bid documents as stated below.

1. Air handling units AHU-2, 3, and 4 shall have the following requirement added to the unit selection: The air handlers shall be provided with a 6” space between the heating and cooling coils for the freeze stat installation and access. Additionally the unit shall have an access door for this area. The control contractor shall be responsible for providing and installing the freeze stat in each air handler.
2. Specification section 237313 - MODULAR INDOOR CENTRAL-STATION AIR-HANDLING UNITS shall have the title changed to include outdoor air handlers also. The new specification title shall read MODULAR INDOOR/OUTDOOR CENTRAL-STATION AIR-HANDLING UNITS.
3. VAV Box 1-29 shall be changed to a unit size 10 and shall have the same air flow rates and settings as VAV Box 1-33. See the attached Sketch-1 for duct revisions associated with VAV 1-29.
4. For clarity, the doghouse enclosures at the air handler that are required for enclosing the hot water and chilled water piping arrangement, control valves and associated components are to be custom built on site. The exact size and location relative to the air handler shall be verified in the field and then submitted as a shop drawing for approval. The enclosure shall have a galvanized sheet metal finish (both inside and exterior) with a 2” rigid insulation between sheet metal panels. It shall be constructed to the same standard as specification 233119 section 2.2.B. See the attached Sketch-2 for the revised detail 1/M6.1. The roof curb shall be extended for the doghouse enclosure as required and flashed into the roof per the existing roof manufacturer’s requirement.
5. All of the hot water and chilled water piping located in the doghouse enclosure shall be wrapped with a Raychem or equal self-regulating electric heat tape prior to the piping being insulated. The electric heat tape shall be connected directly to the 120 volt convenience outlet provided with the unit. The electrical connection shall be coordinated with the electrical contractor. All piping in the dog house enclosure shall be fully heat taped and insulated with the mineral fiber piping insulation per specification 230719
6. For clarity on the piping schedule and insulation requirements in specification 230719 sections 3.12 and 3.13. All indoor and outdoor hot water (both domestic and heating hot water) and chilled water piping (including related components) shall be insulated with the mineral fiber insulation. Isolation valves and Control valves are not required to be insulated.

7. For clarification. It is the contractor's responsibility for draining the boiler and chiller piping systems as required to complete the necessary shut down's and modifications to the piping system.
8. The controls contractor shall provide the required sensors/detectors and monitoring components as required per code to operate the required refrigerant ventilation fans, REF-1 and REF-2, located in the chiller room. Additionally provide an E-stop (emergency stop) button for the chiller and a ventilation fan override switch on the wall just outside of the door to the chiller room. Contractor shall field verify the exact location of these controls.
9. The contractor shall provide and install additional isolation valves for the CHWS, CHWR, HWS and HWR piping in the crawl space between buildings 200 east / 200 west and between buildings 300 east / 300 west (a total of 8 full port pipe size valves). These valves will be used to isolate each building during the HVAC modifications performed for each buildings air handler system.
10. The main global control panel and the AHU-1 control panel shown in the main air handler room on sheet M2.5 will need to be moved and installed directly on the other side of the wall in the adjacent Mech/Elec. room directly to the east. See attached Sketch-3

Please note and adjust your bid according to the revisions, additions, deletions, clarifications or modifications as presented on this Addendum #1, which are made a part of this bid. NOTE: To avoid disqualification, this Addendum 1 (and any other addenda) must be signed by an authorized representative of the bidding firm in the space provided and must be submitted with your firm's sealed proposal (not later than 1:45 pm on July 29, 2015). Failure to return this addendum, duly signed, may be cause for rejection of the bid. ALL ADDENDA SHOULD BE SIGNED AND PLACED IN SEQUENTIAL ORDER AND ATTACHED TO THE FRONT OF THE BID PACKAGE, COMPLETE WITH ALL REQUIRED DOCUMENTS.

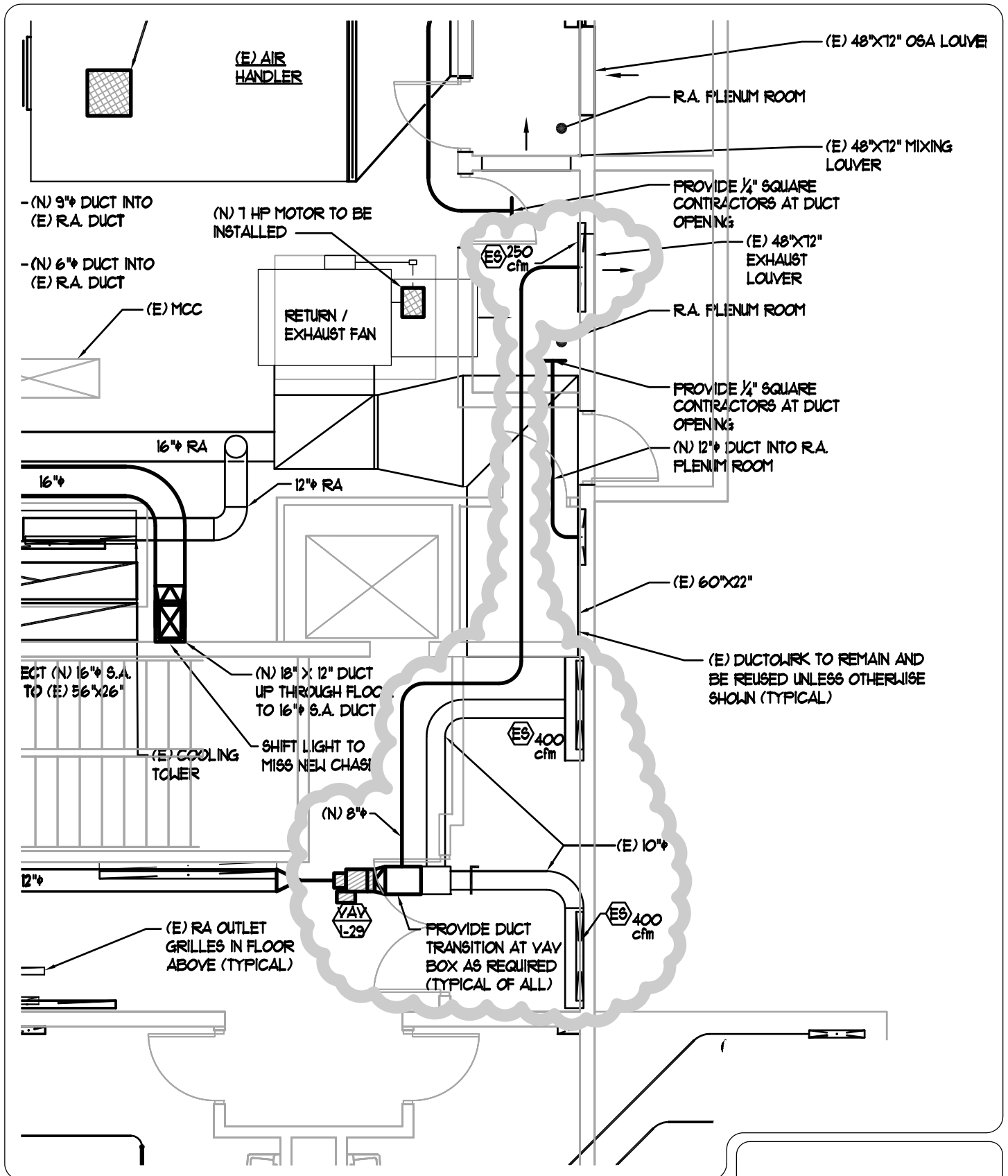
 CONTRACTOR BUSINESS NAME

 Dan Marran, C.P.M., CPPO
 Contracts and Risk Manager

X _____
 Authorized Signature

July 21, 2015

 Printed Name of Person Signing



VAV-29 DUCT LAYOUT REVISIONS

TITLE: MECHANICAL SYS. SERVING 1ST FLOOR

SCALE: NONE DRAWN BY: MCM

JOB NAME: SPARKS CITY HALL HVAC UPGRADE

CHECKED BY: MCM DATE: 07/16/2015

ADDENDUM #1 SKETCH #1 DRAWING NO.: MI.7

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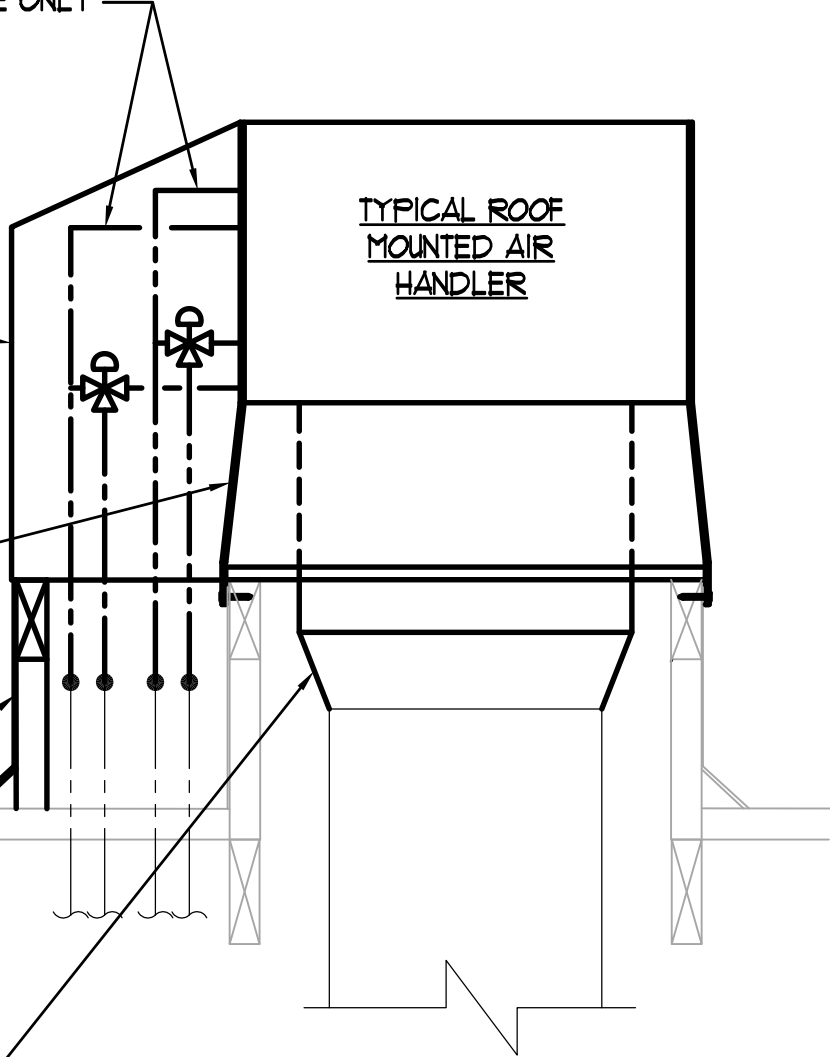
EXTEND PIPING AND TRANSITION AS REQUIRED TO CONNECT THE TO THE NEW AIR HANDLER COILS. PIPING IN THIS DETAIL IS DIAGRAMATIC IN NATURE AND IS SHOWN FOR REFERENCE ONLY

FIELD FABRICATED DOGHOUSE ENCLOSURE WITH ACCESS DOOR TO HOUSE THE PIPING ARRANGEMENT FOR THE COILS CONNECTIONS AND CONTROL VALVE COMPONENTS

MICRO-METAL OR EQUAL, FACTORY BUILT CURB ADAPTOR MINIMUM 12" HEIGHT TO BE INSTALLED PER MANUFACTURERS REQUIREMENTS

EXTEND CURD AND FLASH INTO (E) ROOF AS REQUIRED BY MATERIAL ROOFING MANUFACTURER

EXTEND DUCTS AND TRANSITION AS REQUIRED TO CONNECT THE EXISTING DUCTWORK TO THE NEW AIR HANDLER UNITS (TYPICAL OF ALL SA AND RA DUCTS)



1
M6.1

AHU-1,2,3,4 UNIT CURB MOD. DETAIL

SCALE: NONE

AHU MOUNTING REVISION

TITLE: MECHANICAL DETAILS

SCALE : NONE DRAWN BY: MCM

JOB NAME: SPARKS CITY HALL HVAC UPGRADE

CHECKED BY: MCM DATE: 2015.07.17

ADDENDUM-1 SKETCH-2 DRAWING NO.: DETAIL 1/M6.1

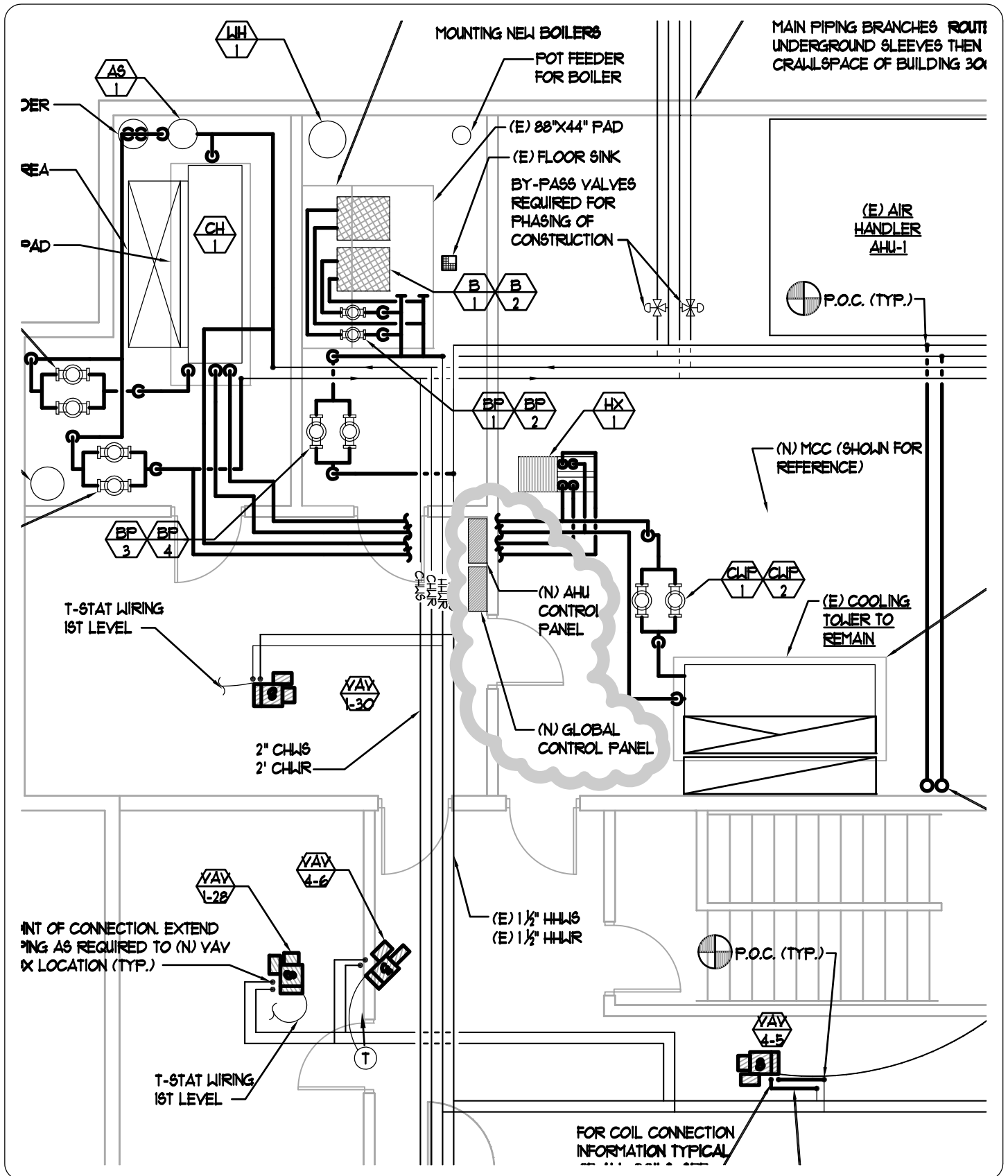
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CONTROL PANEL RELOCATION

TITLE: MECHANICAL PLAN - BUILDING #400

SCALE : NONE DRAWN BY: MCM

JOB NAME: SPARKS CITY HALL HVAC UPGRADE

CHECKED BY: MCM DATE: 2015.01.17

ADDENDUM-1 SKETCH-3 DRAWING NO.: M2.5

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