

ADDENDUM NO. 02

TO: All Registered Bidders

DATE: May 2, 2024

PROJECT: IRVINE UNIFIED SCHOOL DISTRICT
Bid No. 23/24-04MO, Deferred Maintenance: HVAC Equipment Replacement Project at Rancho San Joaquin Middle School

CONTACT: Maria Ragas, Irvine Unified School District
MariaRagas@iusd.org

This Addendum forms a part of the Contract Documents for the Project described above and shall supersede referenced sections of the original Bidding Documents. This Addendum is an integral part of said Bidding Documents and shall be acknowledged in the Contractor's Bid Proposal form. Failure to acknowledge receipt of this Addendum in the Bid may cause the Bid to be rejected.

This addendum is divided into seven (7) parts: Instructions and Procedures, Public Works Bid Package, Project Specifications, Drawings, Prior Addenda, Other Documents, and Pre-Bid Questions.

I. INSTRUCTIONS AND PROCEDURES

1. The following changes, omissions and/or additions to the Bid Specification shall apply to proposals made for and to the execution of the various parts of the work affected thereby, and all other conditions shall remain the same.
2. Careful note of the Addendum shall be taken by all parties of interest so that the proper allowance may be made in all computations and estimates, and all trades affected shall be fully advised in the performance of the work which will be required of them.
3. In case of conflict between the Drawings, Specifications, and this Addendum, this Addendum shall govern.
4. Upon receipt of this Addendum, please acknowledge receipt on the bid form.

II. PUBLIC WORKS BID PACKET

None.

III. PROJECT SPECIFICATIONS

None.

IV. DRAWINGS

1. Discard sheet A1-3.0 – Roof Plan previously issued and replace with Delta #2 sheet A1-3.0 – Roof Plan, dated 04/30/2024.
2. Sheet M0-0.2 – Mechanical Schedules and Details: Add detail 3 for addition of new curbs at unit AC-A1 MPR per attached Sketch MSK-2.1.
3. Sheet M1-2.0 – HVAC Demolition Plan: Revise demolition plan per clouded areas of attached Sketch MSK-2.2.
4. Sheet M1-3.0 – HVAC Roof Plan – Bldg A1, A2 and B: Add new curbs at AC-A1 MPR per clouded areas of attached Sketch MSK-2.3.
5. Sheet M1-3.0 – HVAC Roof Plan – Bldg A1, A2 and B: Add rerouting of existing gas piping around AC-A1 MPR per attached Sketch MSK-2.3.

V. CHANGES TO PRIOR ADDENDA

None.

VI. OTHER DOCUMENTS

Addendum No. 2 – Ruhnau Clarke Architects Notice to Bidders.

VII. PRE-BID QUESTIONS

1. Question: Russell Sigler, Inc. controls group provided control details in drawings M1-1.0, M1-1.1, and M1-1.2. Please confirm they are the sole BMS control provider and installed for the IUSD Rancho San Joaquin MS.

Response: Russel Sigler, Inc. controls group is the current BMS control provider being used at the Rancho San Joaquin Middle School campus.

2. Question: I have reviewed the bid documents for the Bid No. 23/24-04MO and did not see any specific instructions regarding whether or not MEP subcontractors need to be pre-qualified?

Response: Due to the nature of the deferred maintenance scope, contractors and/or subcontractors pre-qualification is not a requirement to participate on this bid.

VIII. ALTERNATES

None.

END OF ADDENDUM



AGENCY APPROVAL
110 101-30-48 11/04/22/25/24

**RUHNAU
CLARKE**
ARCHITECTS

STAMPS

CONSULTANT BRANDING

GENERAL NOTES

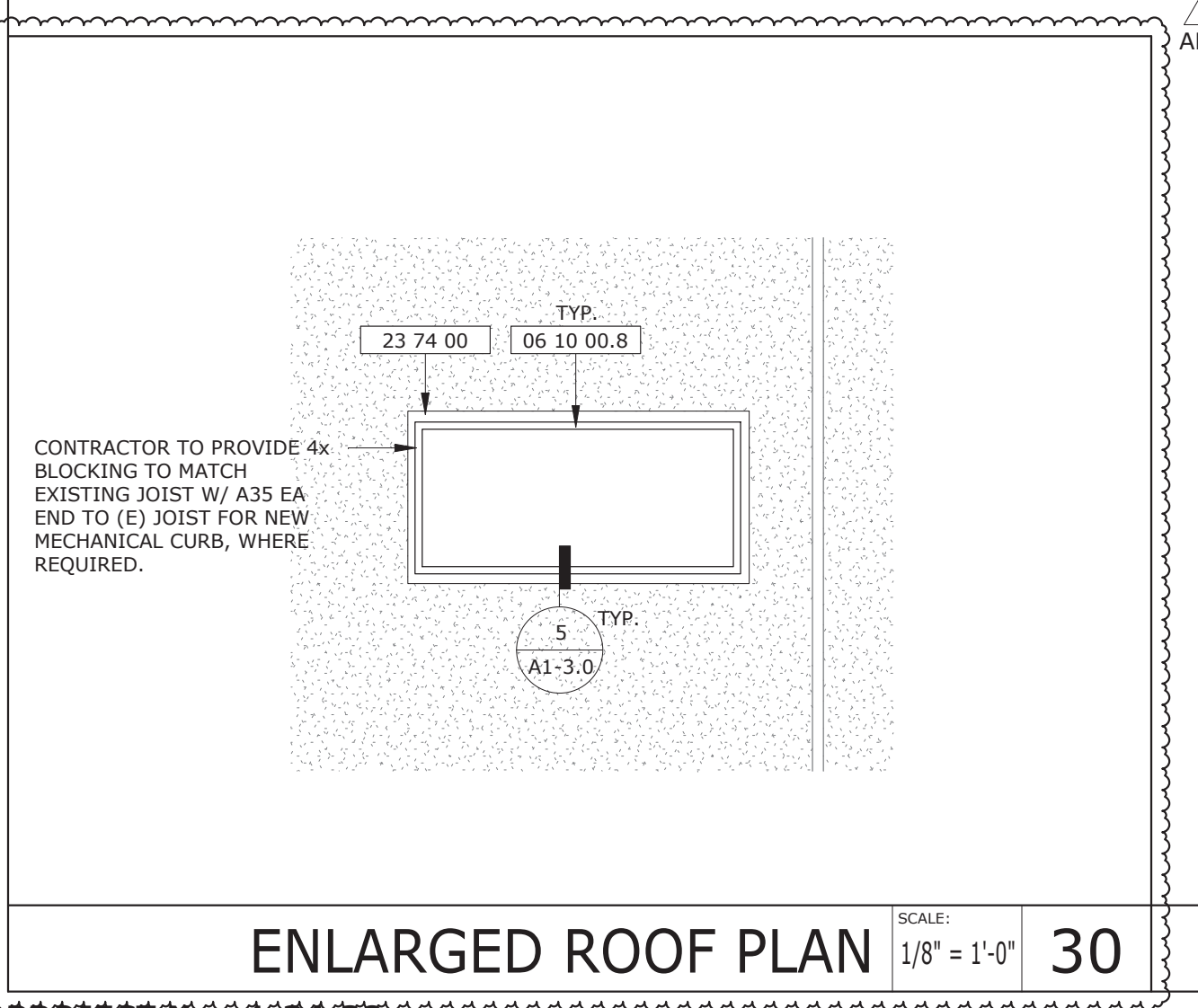
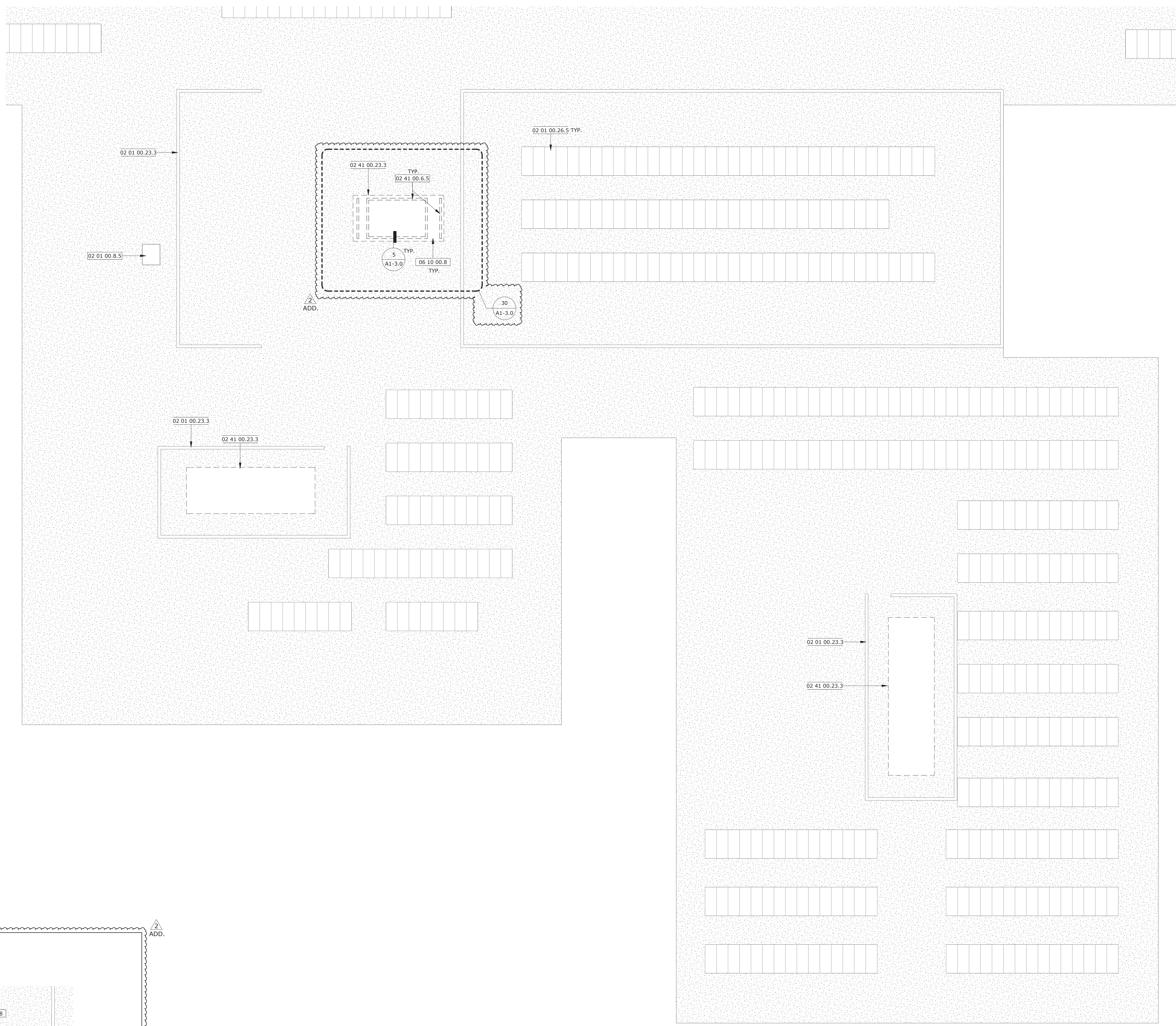
- SEE DETAIL FOR TYPICAL ROOF ASSEMBLY.
- FOR PIPE VENT PENETRATIONS THROUGH ROOF, REFER TO DETAIL & FOR TYP. INFO.
- ALL CRICKETS SHALL BE SHAPED WITH PLYWOOD WITH A MIN. 1.5% SLOPE TO ROOF AND OVERFLOW DRAINS.
- PROVIDE 36" WIDE CONTINUOUS WALKWAY TREAD FROM THE LANDING OF EACH ROOF ACCESS HATCH TO EACH MECHANICAL UNIT. TREAD AT EACH UNIT TO SURROUND PERIMETER
- AT MECHANICAL EQUIPMENT, REFER TO DETAIL FOR ROOF CURB

KEYNOTES

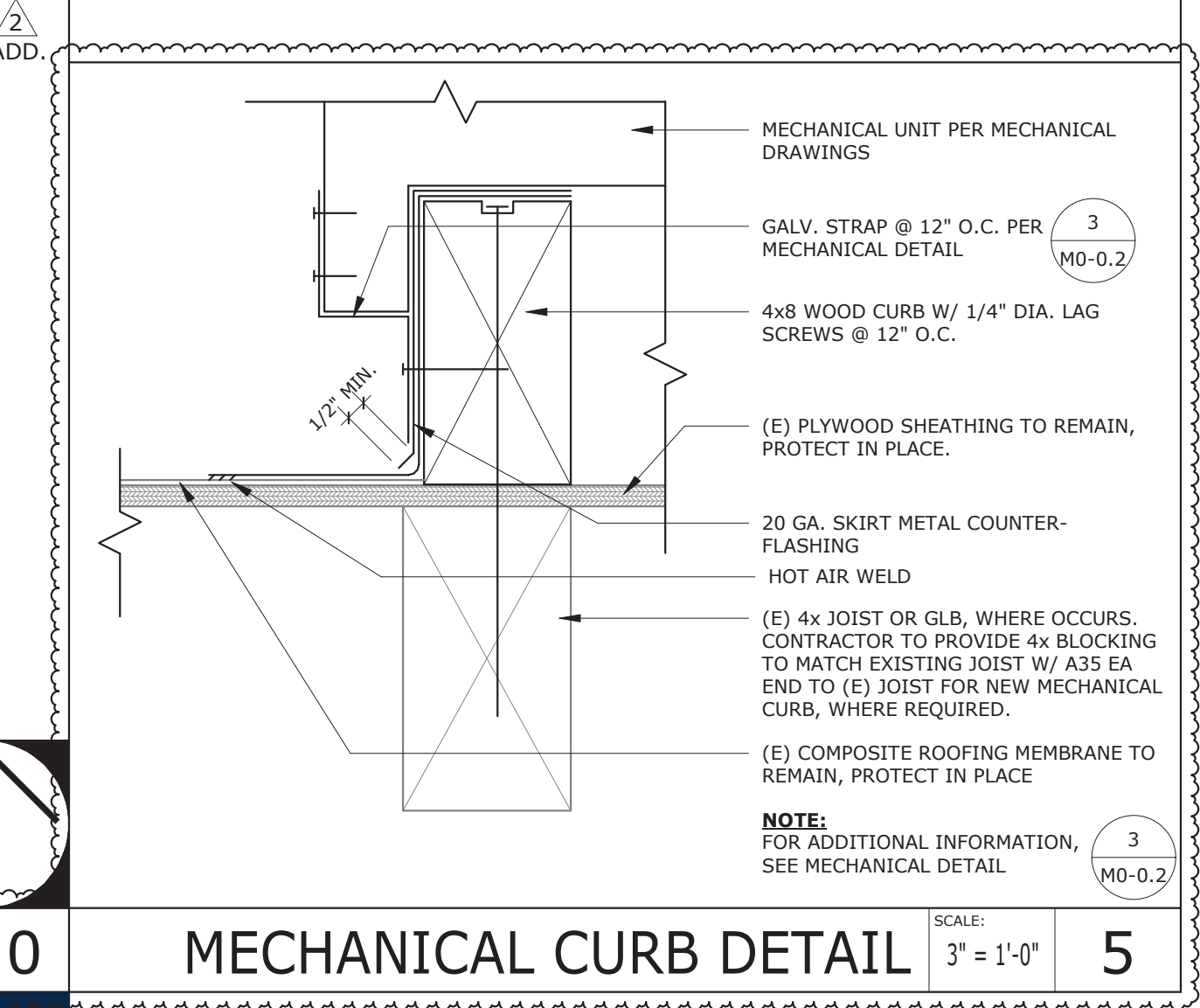
- 02 01 00.8.5 EXISTING ROOF HATCH TO REMAIN, PROTECT IN PLACE
- 02 01 00.23.3 EXISTING MECHANICAL SCREEN, PROTECT IN PLACE
- 02 41 00.26.5 EXISTING SOLAR PANELS TO REMAIN, PROTECT IN PLACE
- 02 41 00.6.5 REMOVE EXISTING MECHANICAL CURB AND METAL FLASHING. PREPARE SURFACE FOR NEW CURB. PATCH AND REPAIR ROOFING AS REQUIRED
- 02 41 00.23.3 DEMO AND REPLACE EXISTING MECHANICAL UNITS PER MECHANICAL DRAWINGS
- 06 10 00.8 ROOF-MOUNTED CURB FOR MECHANICAL UNIT
- 23 74 00 PACKAGED OUTDOOR HVAC EQUIPMENT PER MECHANICAL DRAWINGS

LEGEND

- EXISTING ROOF, PROTECT IN PLACE



ENLARGED ROOF PLAN SCALE: 1/8" = 1'-0" 30



MECHANICAL CURB DETAIL SCALE: 3/4\"/>

ROOF PLAN - BUILDING A1, A2 & B SCALE: 1/8\"/>

PROJECT No. 11-34-38
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DELTA #	DATE	ADD	REV

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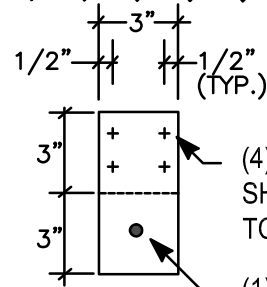
3775 TENTH STREET, RIVERSIDE CALIFORNIA 92501 (951) 684-6664 / 5751 PALMER WAY, SUITE C, CARLSBAD CALIFORNIA 92010 (760) 438-5899

**RANCHO SAN JOAQUIN MS: HVAC
REPLACEMENT**
RANCHO SAN JOAQUIN MIDDLE SCHOOL
4861 MICHELSON DR, IRVINE, CA 92612
IRVINE UNIFIED SCHOOL DISTRICT

ROOF PLAN

A1-3.0

(N)HVAC UNIT
PER PLAN



(4) #12 STAINLESS STEEL
SHEET METAL SCREWS
TO UNIT

(1) 1/4" DIA LAG SCREWS TO
(E)WOOD CURB

TYPICAL STRAP
12" O.C. ALL SIDES

14 GA x 3" WIDE GALV. STRAPS @12"
O.C. ON EACH SIDE

W/(4)#12 STAINLESS STEEL SHEET
METAL SCREWS TO UNIT

W/(1)1/4" DIA. STANLESS STEEL LAG
SCREW TO (E)WOOD CURB, STAGGER
WITH VERTICAL LAG SCREWS.

(E)ROOF

LEVEL PLANE

VARIABLE
10" MINIMUM
12" MAXIMUM

2" MIN.

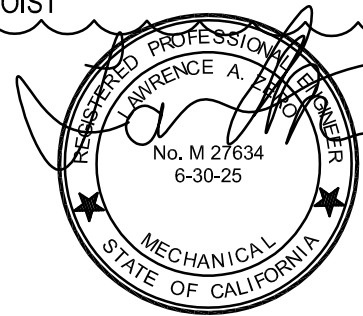
5" MIN.

(N)4X WOOD CURB W/(N) 1/4" DIA
LAG SCREWS @12" O.C. SET HEIGHT
LEVEL

NOTE:
THIS DETAIL ONLY APPLICABLE
FOR UNIT AC-A1 MPR CURB

(E)4"x JOIST OR GLB OR (N)
4x BLKG TO MATCH
EXISTING JOIST W/A35 EA.
END TO (E)JOIST

2
ADD



ADD #2

M0-0.2 -MECHANICAL DETAIL 3 - AC-A1 MPR NEW CURB

NOT TO SCALE

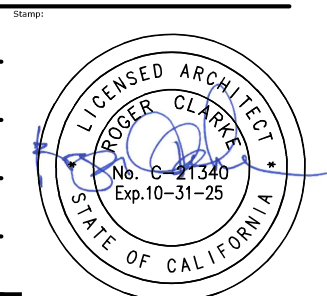
**RANCHO SAN JOAQUIN MS : HVAC REPLACEMENT
IRVINE UNIFIED SCHOOL DISTRICT**

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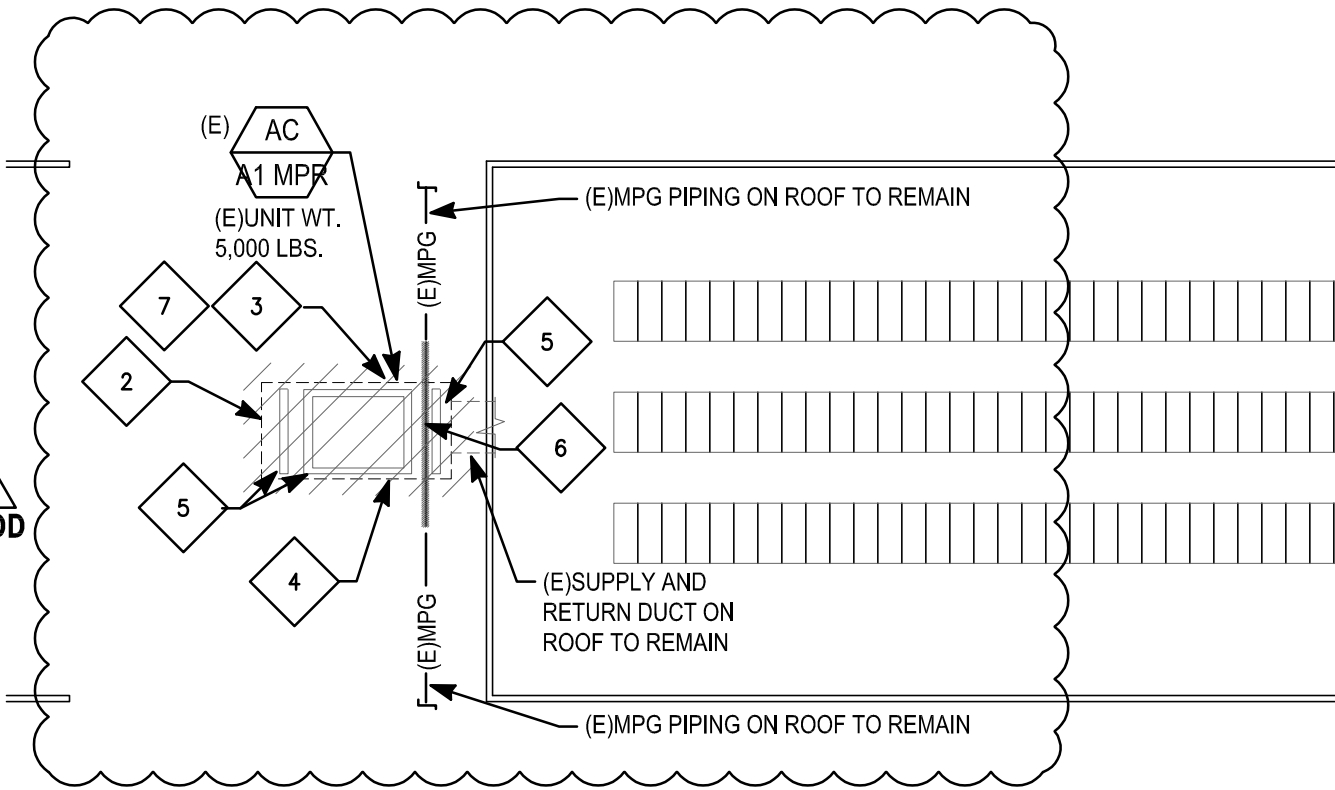
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DSA APH #: 04-122594
 DSA File #: 30-48
 Date: 04/30/2024
 Project #: 13438
 Sheet #: **MSK-2.1**



2
ADD



1 CAREFULLY DEMOLISH EXISTING ROOF MOUNTED MULTIZONE AIR CONDITIONER TO BE REPLACED LIKE FOR LIKE. EXISTING CURB TO REMAIN AND BE REUSED. EXISTING DUCT DROPS TO REMAIN AND BE REUSED.

2 CAREFULLY DEMOLISH EXISTING ROOF MOUNTED HORIZONTAL AIR CONDITIONER TO BE REPLACED LIKE FOR LIKE. EXISTING DUCTWORK ON ROOF TO REMAIN AND BE REUSED.

2
ADD

3 DEMOLISH TRAP AND CONDENSATE PIPING TO MULTIZONE UNIT BACK TO (E)ROOF RECEPTOR. TO BE REPLACED WITH NEW.

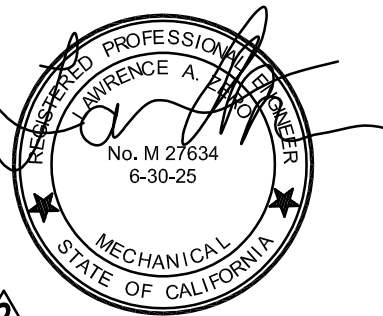
4 DISCONNECT EXISTING GAS PIPING AND SOC TO UNIT, TO BE REPLACED WITH NEW.

5 CAREFULLY DEMOLISH EXISTING CURB(S) TO BE REMOVED AND REPLACED WITH NEW SINGLE CURB.

6 DEMOLISH EXISTING 2"MPG ROUTED ON ROOF BELOW UNIT BETWEEN EXISTING CURBS. MPG TO BE REROUTED.

7 DEMOLISH EXISTING CONDENSATE PIPING ROUTED BELOW UNIT

2
ADD



ADD #2

Description: **M1-2.0 - HVAC DEMOLITION PLAN**

Scale: **1/16"=1'-0"**

**RANCHO SAN JOAQUIN MS : HVAC REPLACEMENT
IRVINE UNIFIED SCHOOL DISTRICT**

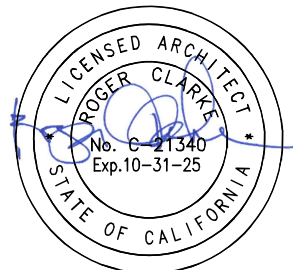
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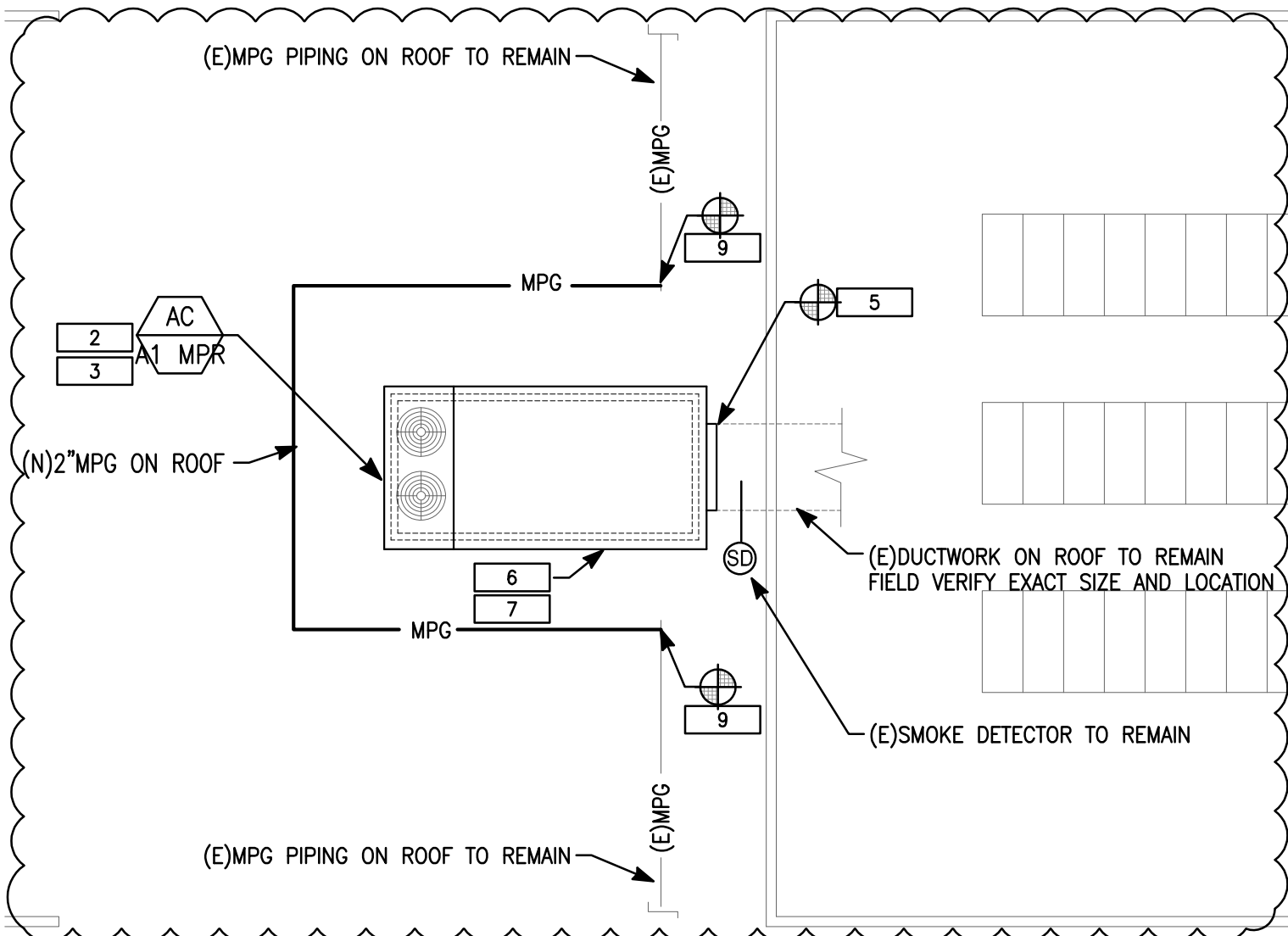
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DSA AP# #:	04-122594
DSA File #:	30-48
Date:	04/30/2024
Project #:	13438
Sheet #:	MSK-2.2

Stamp:





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2 INSTALL NEW HORIZONTAL AIR CONDITIONING UNIT AND NEW CURB ON ROOF. SEE DETAILS

3 MO-0.2 **2** MO-0.2

2
ADD

9 POC 2"MPG TO (E)2"MPG ON ROOF. FIELD VERIFY EXACT LOCATION AND SIZE. ROUTE & OFFSET NEW PIPING TO AVOID ANY EXISTING OBSTACLES.

2
ADD



ADD #2

M1-3.0 - HVAC ROOF PLAN BLDG. A1

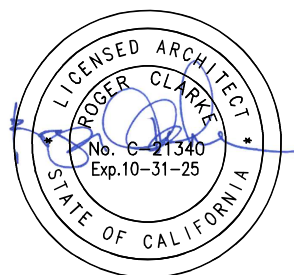
Scale: **1/8"=1'-0"**

RANCHO SAN JOAQUIN MS : HVAC REPLACEMENT
IRVINE UNIFIED SCHOOL DISTRICT

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DSA AP# #:	04-122594
DSA File #:	30-48
Date:	04/30/2024
Project #:	13438
Sheet #:	MSK-2.3

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April 30, 2024

ADDENDUM NO. 2

TO THE CONTRACT DOCUMENTS

FOR

Rancho San Joaquin MS HVAC Replacement

FOR THE

IRVINE UNIFIED SCHOOL DISTRICT
5050 BARRANCA PKWY
IRVINE, CA 92604

DSA #04-122954 FILE #30-48 RCA Project No. 1-34-38

NOTICE TO BIDDERS

This Addendum forms a part of the Contract and modifies the original bid documents issued on March 24, 2024. It is intended that all work affected by the following modifications shall conform with related provisions and general conditions of the contract of the original drawings and specifications. Modify the following items wherever appearing in any drawing or sections of the specifications. Acknowledge receipt of Addendum No. 02 in the space provided on the Bid Form. Failure to do so may subject bidder to disqualification.

CHANGES TO THE DRAWINGS

- | | |
|--------------|---|
| Item No. 2.1 | Reference sheet A1-3.0 – Roof Plan |
| 2.2.1 | Replace Sheet A1-3.0 in its entirety per clouded areas listed below and on attached Sheet A1-3.0:
a. Add Detail 5, Mechanical Curb Detail for new curb per clouded areas attached.
b. Revise Roof Plan to show demolition of existing mechanical curb per clouded areas attached.
c. Add Detail 30 Enlarged Roof Plan for new curb per clouded areas attached. |
| Item No. 2.2 | Reference sheet M0-0.2 – Mechanical Schedules and Details |
| 2.2.1 | Add detail 3 for addition of new curbs at unit AC-A1 MPR per attached Sketch MSK-2.1. |
| Item No. 2.3 | Reference sheet M1-2.0 – HVAC Demolition Plan |
| 2.3.1 | Revise demolition plan per clouded areas of attached Sketch MSK-2.2. |
| Item No. 2.4 | Reference sheet M1-3.0 – HVAC Roof Plan – Bldg A1, A2 and B |
| 2.4.1 | Add new curbs at AC-A1 MPR per clouded areas of attached Sketch MSK-2.2. |
| 2.4.2 | Add rerouting of existing gas piping around AC-A1 MPR per attached Sketch MSK-2.2. |

Specification:

Sketches: MSK-2.1, MSK-2.2, MSK-2.3

Sheets: A1-3.0

END OF ADDENDUM NO. 02

Roger Clarke, Principal
C-21340

