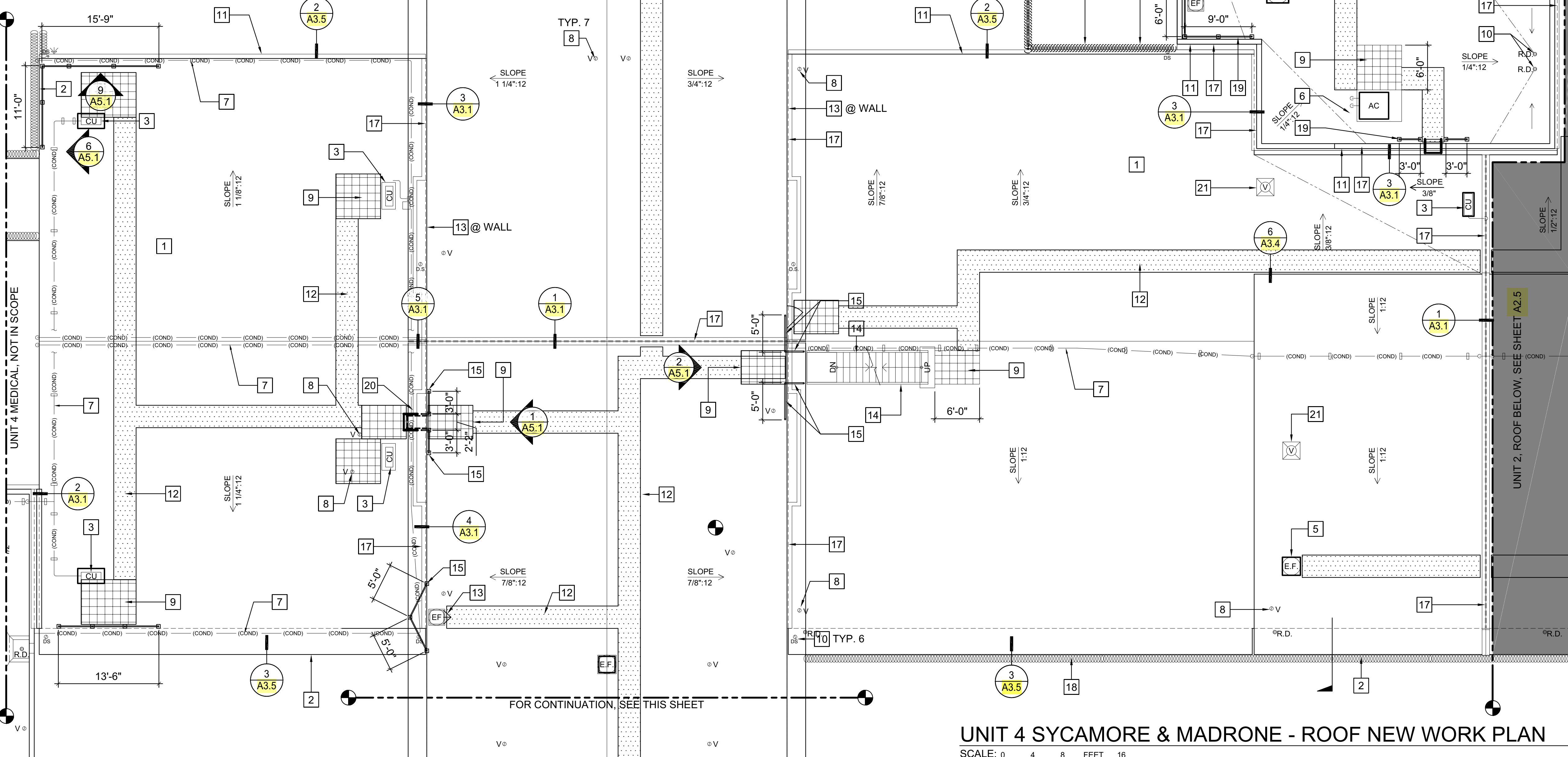
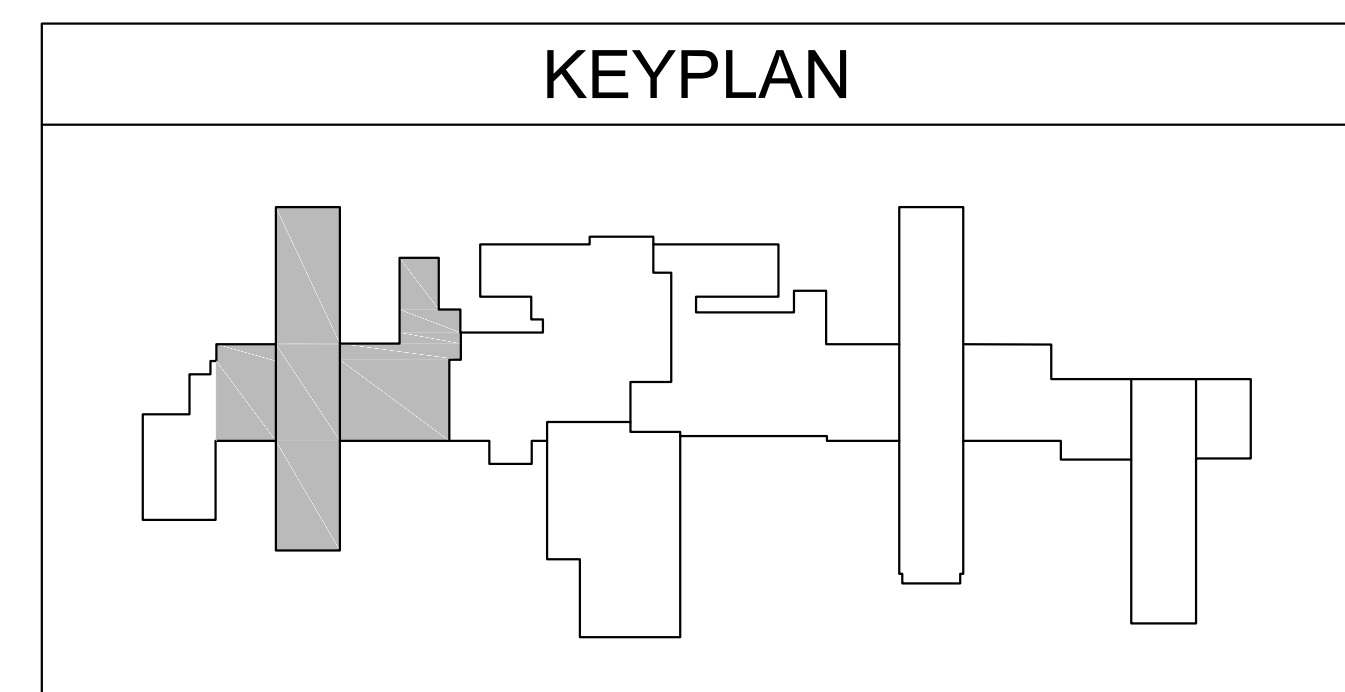


- 1 NEW CLASS 'A' 80 MIL. FULLY ADHERED PVC MEMBRANE ROOFING SYSTEM WITH XPS INSULATION (MIN. R-30) FOR ROOF.
- 2 NEW ROOF EDGE, SEE SHEET A3.6 FOR ADDITIONAL INFORMATION
- 3 NEW ROOF CURB AT AIR HANDLING UNIT/EQUIPMENT
- 4 NEW ROOF CURB AT EXHAUST FAN, SEE DET.9/A3.4
- 5 EXTEND ROOF CURB AT EXHAUST FAN, SEE DET.7/A3.4
- 6 EXISTING UTILITY PIPES/DUCTS TO REMAIN, MODIFY AS NEEDED DUE TO CHANGE IN ROOF SLOPE AND EQUIPMENT RELOCATION, PROVIDE TEMPORARY SUPPORT DURING CONSTRUCTION. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
- 7 NEW PIPE AND CONDUIT SUPPORT FOR ALL UTILITIES, SEE DET.2/A3.2
- 8 PROVIDE MANUFACTURED SPLIT MEMBRANE FLASHING BOOT AT EXISTING VENT, PIPE RISER AND CONDUIT. EXTEND VENT TO PROVIDE MINIMUM 8" FROM NEW ROOFING, SEE DET.4/A3.4
- 9 MIN. 36" WIDE WELDABLE WALK SURFACE WITH HEAVY DUTY TREAD EMBOSSED MATERIAL. MAINTAIN 72" WIDE WALKING SURFACE AROUND SERVICE SIDE OF UNITS, SEE DET.1/A3.3
- 10 REINSTALL (E) CAST-IRON DOME STRAINER AT (E) ROOF DRAIN AT (E) CORNICE.
- 11 PROVIDE NEW METAL GUTTER AND STRAINER AT (E) DRAIN
- 12 MIN 36" OPEN GRID WALKWAY MAT. ATTACH TO ROOF MEMBRANE WITH WELDED PVC MEMBRANE LOOPS, SEE DET.1/A3.3
- 13 TAPERED INSULATION CRICKET. USE 1" PER FT TAPERED INSULATION AT 1/2" SLOPED LOW PERIMETER ROOF AND 1/2" PER FT TAPERED AT 1/4" AND 1/2" SLOPED HIGH ROOFS. L:W RATIO AT 1/2" SLOPED ROOF SHALL BE 2:1 AT LOW ROOF. L:W RATIO AT OTHER SLOPED ROOFS SHALL BE 1:1
- 14 REINSTALL ACCESS LADDER/STAIR WITH EXTENDED CURB AT THE BOTTOM LANDING. PROVIDE BACKING/EXTENDED BRACING AT TOP LANDING
- 15 GALVANIZED SAFETY GUARD RAIL ATTACHED TO ROOF STRUCTURE. INSTALL TOP RAIL TO 42 1/2" ABOVE ROOF SURFACE, 1 1/2" DIA. SCH160 PIPE POST GUARD RAILS EXTEND 36" (MIN. 30") BEYOND EACH END OF WALKWAY, SEE DET.1/A3.2
- 16 CONTINUOUS EXISTING CONCRETE GUTTER WITH NEW LIQUID APPLIED ROOF MEMBRANE
- 17 REPLACE EXISTING ROOF EXPANSION JOINT & COVER ASSEMBLY. EXTEND CURB HEIGHT TO ACCOMMODATE ADDITIONAL LAYERS OF INSULATION
- 18 REINSTALL SECURITY BARBED TAPE AT NEW SUPPORT
- 19 REINSTALL POST AND CHAINLINK FENCE
- 20 PROVIDE FIXED WALK-MOUNTED ROOF ACCESS LADDER WITH HANDRAIL, SEE SHEET A5.2 FOR ADDITIONAL INFORMATION
- 21 EXTEND ROOF CURB AND REINSTALL EXISTING VENT



1. SEE PROJECT SPECIFICATION, SECTION 02 82 13 A1 FOR HAZARDOUS MATERIAL ABATEMENT AND HANDLING FOR ROOFING THAT CONTAINS NON-FRIABLE MATERIAL.
2. ALL ROOFING SHALL BE INSTALLED PER CBC CHAPTER 15.
3. FIRE ALARMS, PULL STATIONS, SMOKE DETECTORS, SHUT DOWN DEVICES SHALL REMAIN OPERATIONAL DURING CONSTRUCTION.
4. ALL EXPOSED SHEET METAL SHALL BE PREFINISHED U.O.N. COLOR SHALL BE FROM MANUFACTURER'S STANDARD PALETTE. FINAL COLOR SELECTION BY CDCR REPRESENTATIVE.
5. IDENTIFY THE CONDUITS THAT HAVE ELECTRICAL SYSTEMS (SUCH AS PDAS, INTERNET, DATA, ETC.) THAT HAVE TO BE OPERATIONAL AT ALL TIMES. THIS WILL REQUIRE A NEW SYSTEM BEING INSTALLED PRIOR TO THE NEW ROOF BEING INSTALLED AND THE OLD SYSTEM BEING REMOVED.

|                                                                                       |                                                                                          |
|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
|  | <p>PROVIDE FINISHED SURFACE<br/>SLOPE AS INDICATED (FINISHED<br/>SLOPE)</p>              |
|  | <p>ELEVATION DATUM IS<br/>MEASURED FROM TOP OF<br/>FINISHED FLOOR (GROUND<br/>FLOOR)</p> |
|  | <p>GRIDDED ROOF WALKWAY<br/>MATERIAL</p>                                                 |
|  | <p>ROOF WALKWAY MATERIAL</p>                                                             |



**FACILITY B, ROOF REPLACEMENT**

CALIFORNIA INSTITUTION FOR MEN (CIM)  
14901 CENTRAL AVENUE  
CHINO, CA 91710

| REVISIONS |             |
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| DATE      | DESCRIPTION |
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3/27/2025

SHEET NUMBER

**A2.1**