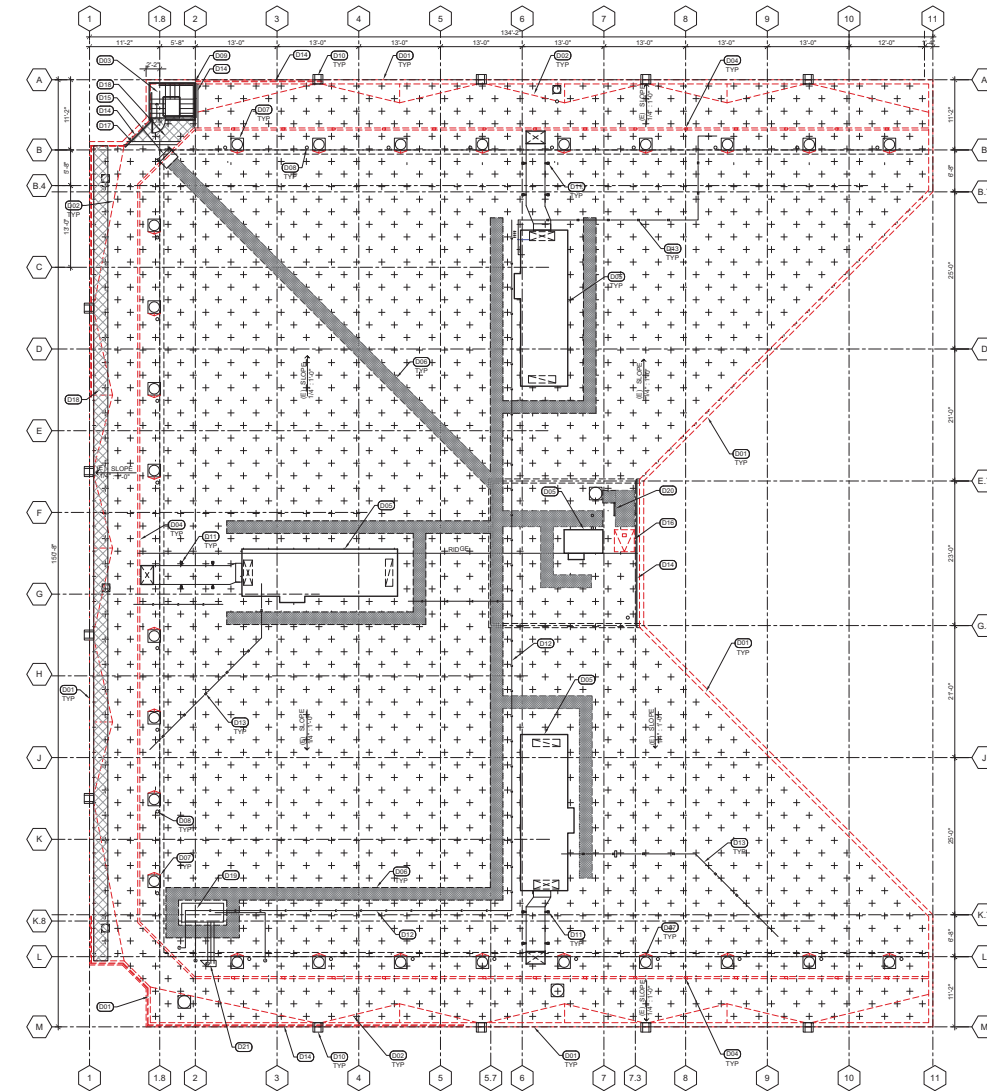


1 TYPICAL 270 HOUSING UNIT ROOF PLAN DEMOLITION

SCALE: 1/8" = 1'-0"



### GENERAL NOTES

1. ALL CONSTRUCTION DEBRIS GENERATED IN THE COURSE OF THIS PROJECT SHALL BE REMOVED AND DISPOSED OF IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL CODES AND REGULATIONS.
2. REPAIR/REPLACE ANY DAMAGED UTILITIES DURING THE COURSE OF WORK.
3. PROTECT BUILDING FROM DAMAGE WHICH MAY OCCUR FROM DEMOLITION, DUST, WATER, ADVERSE WEATHER, ETC.
4. CONTRACTOR TO PATCH AND REPAIR ALL AREAS DAMAGED BY OR INCIDENTAL TO DEMOLITION AND/OR NEW WORK TO MATCH ADJACENT FINISHES UNLESS OTHERWISE NOTED.
5. REPLACE ALL (E) CONDUIT & PIPE SUPPORTS ON ROOF W/ (N) HARD PIPE SUPPORT BLOCK, SED & SMD.
6. REMOVE (E) CONDUIT OR PIPE IN CONFLICT WITH THE INSTALLATION OF (N) WORK. REINSTALL AFTER COMPLETION OF (N) WORK.
7. REMOVE ALL (E) MECHANICAL UNITS, VENTS AND FANS AS REQUIRED TO PERFORM ROOFING AND FLASHING WORK. STORE AND PROTECT UNITS FOR REINSTALL TO WORKING ORDER. SCHEDULE MEETING WITH HEAD OF MAINTENANCE AND CONTRACTOR TO VERIFY WORKING ORDER OF HVAC SYSTEM PRIOR TO WORK AND ONCE WORK IS COMPLETE.
8. PROTECT ELECTRICAL BOXES.
9. ALL INFORMATION SHOWN ON THE DRAWING RELATIVE TO (E) CONDITIONS IS GIVEN AS THE BEST PRESENT KNOWLEDGE. WHERE ACTUAL CONDITIONS CONFLICT WITH THE DRAWING, THEY SHALL BE REPORTED TO THE ARCHITECT SO THAT THE CORRECTIONS/CLARIFICATIONS CAN BE PROVIDED.
10. ALL DIMENSIONS ARE TO BE VERIFIED IN FIELD.
11. COORDINATE WITH PLANT OPS BEFORE AND AFTER SHUTTING OFF ANY UTILITIES.
12. ANY GAS LINES THAT HAVE BEEN DISCONNECTED AND RECONNECTED, SHALL BE INSPECTED AND TESTED FOR LEAKAGE IN ACCORDANCE WITH CPC 1213, CMC 1303 AND NFPA 54.
13. PAINT ALL (N) TRIMS AND FLASHING TO MATCH (E) COLOR.
14. ALL FIRE RETARDANT TREATED WOOD SHALL BE INSPECTED PRIOR TO COVERING. MATERIAL SHALL BEAR A LABEL THAT INDICATES ITS LISTING.

### EQUIPMENT LEGEND

| SYMBOL | DESCRIPTION                                              | QTY.        |
|--------|----------------------------------------------------------|-------------|
| □      | (E) EXHAUST FAN OVER (N) CURB ADAPTER. SEE DETAIL.       | 32 PER ROOF |
| +      | (E) VENT PIPES TO RECEIVE (N) FOOT FLASHING. SEE DETAIL. | 32 PER ROOF |

\* NOTE: QUANTITY IS APPROXIMATE. VIF

### DEMOLITION LEGEND

|  |                                                                                                                                                                                                                                                                       |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | (E) CAT WALK                                                                                                                                                                                                                                                          |
|  | (E) WALKPAD TO BE REMOVED                                                                                                                                                                                                                                             |
|  | AREA OF (E) BUILT-UP ROOFING SYSTEM TO BE REMOVED, INCLUDING ROOF INSULATION, COUNTER FLASHING, FLASHING AROUND PENETRATIONS, ETC. (E) METAL DECK WITH LIGHT WEIGHT CONCRETE TOPPING TO BE PATCHED AND REPAIRED AS REQUIRED TO PREPARE STRUCTURE FOR NEW ROOF SYSTEM. |
|  | (E) CONDENSATE LINE, SMD.                                                                                                                                                                                                                                             |
|  | (E) ELECTRICAL CONDUIT, SED.                                                                                                                                                                                                                                          |
|  | (E) FUEL GAS PIPING, SMD.                                                                                                                                                                                                                                             |
|  | (E) BUILDING FOOTPRINT BELOW.                                                                                                                                                                                                                                         |

### DEMOLITION KEYNOTES

- (E) PARAPET COPING CAP TO BE REMOVED AND RECYCLED. INSPECTED FOR WATER DAMAGE.
- REMOVE (E) CRICKET.
- (E) STAIRCASE TO REMAIN.
- (E) SCUPPER AT HIGHER ROOF TO BE REMOVED.
- REMOVE (E) MECHANICAL UNIT AND CURB. STORE AND PROTECT FOR REINSTALLATION. SMD.
- DEMOLISH (E) WALK PADS/PAVERS, TYP.
- REMOVE AND PROTECT (E) EXHAUST FAN FOR REINSTALLATION. SMD.
- (E) ROOF VENT PIPE TO REMAIN. REMOVE (E) FLASHING. EXTEND TO 12" APR WHERE NECESSARY.
- REMOVE AND REINSTALL (E) STAIR CAGE.
- (E) SCUPPER AT LOWER ROOF TO REMAIN.
- (E) AIR DUCT SUPPORT AND BRACE TO BE REMOVED AND REPLACED. SMD.
- (E) ELECTRICAL CONDUIT TO BE REMOVED AND RE-INSTALLED. SED.
- (E) ROOF MOUNTED CONDENSATE PIPE ON SUPPORT BLOCK TO BE REMOVED AND REPLACED. SMD.
- (E) GUARDRAIL TO BE REMOVED.
- REMOVE AND PROTECT (E) TRANSITION LADDER.
- (E) ROOF HATCH TO BE REMOVED.
- (E) CURB TO REMAIN. EXTEND AS REQUIRED.
- (E) CATWALK TO BE REMOVED. CONDITION AT STAIRS OCCURS AT ALL BUILDINGS. CONDITION ALONG PARAPET OCCURS AT BUILDINGS 331, 333, 335, 341 AND 3310.
- REMOVE (E) WATER HEATER ON CURB. STORE AND PROTECT FOR REINSTALLATION. SMD.
- REMOVE (E) GRAB BAR.

### APPROVAL

CALIFORNIA DEPARTMENT OF  
CORRECTIONS AND REHABILITATION  
ACCESS COMPLIANCE REVIEW  
APPROVAL OF THIS PLAN DOES NOT AUTHORIZE  
OR APPROVE ANY OMISSION OR DEVIATION  
FROM THE APPLICABLE REGULATIONS.

TRACKING NUMBER: 11/20/2022  
DATE: CASO 491 #1317  
REVIEWER: [Signature]



OFFICE OF THE STATE FIRE MARSHAL  
APPROVED FOR FIRE AND PANIC ONLY  
[Signature]  
Approval of this plan does not constitute or  
imply approval of the project or the  
applicability of the code provisions to the  
project. The project must be subject to  
field inspection. One set of approved plans  
shall be available on the project site at all times.

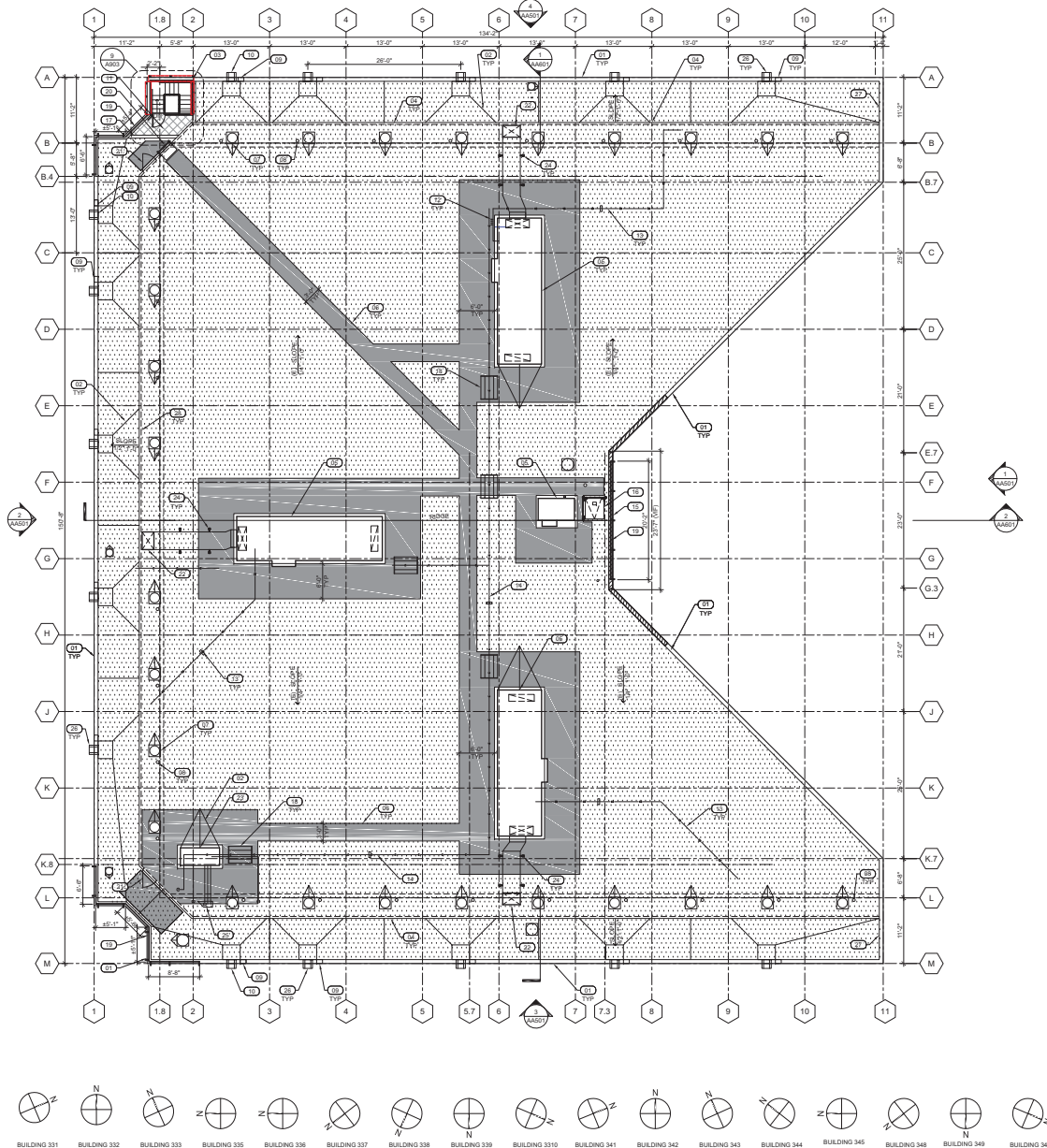
| NO. | DATE |
|-----|------|
|     |      |
|     |      |
|     |      |
|     |      |

STATE OF CALIFORNIA DEPARTMENT OF  
CORRECTIONS AND REHABILITATION  
FACILITY: CALIFORNIA STATE PRISON  
DESIGN SERVICES AND DAMAGE BRANCH  
DESIGN REVIEW SECTION  
Project No. 846310  
FINAL DRAWINGS  
Project Manager

**HY**  
HBSER YAMAUCHI  
Architects, Inc.  
4602 2nd Street, Suite #3  
Down, CA 92618  
330.758.1789  
Fax



LAC  
REPLACE ROOFS - PHASE 1  
CALIFORNIA STATE PRISON, LOS ANGELES COUNTY  
WEST  
LANCASTER, CA 93306  
DATE: AUGUST 31, 2023  
SHEET: TYPICAL 270 HOUSING UNIT ROOF PLAN DEMOLITION  
JOB NUMBER: 21-240 PHASE 1  
SHEET NUMBER  
**AA201**



1 TYPICAL 270 HOUSING UNIT ROOF PLAN REMODEL  
SCALE: 1/8" = 1'-0"

## GENERAL NOTES

- ALL CONSTRUCTION DEBRIS GENERATED IN THE COURSE OF THIS PROJECT SHALL BE REMOVED AND DISPOSED OF IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL CODES AND REGULATIONS.
- REPAIR/REPLACE ANY DAMAGED UTILITIES DURING THE COURSE OF WORK.
- PROTECT BUILDING FROM DAMAGE WHICH MAY OCCUR FROM DEMOLITION, DUST, WATER, ADVERSE WEATHER, ETC.
- CONTRACTOR TO PATCH AND REPAIR ALL AREAS DAMAGED BY OR INCIDENTAL TO DEMOLITION AND/OR NEW WORK TO MATCH ADJACENT FINISHES UNLESS OTHERWISE NOTED.
- REPLACE ALL (E) CONDUIT & PIPE SUPPORTS ON ROOF W/ (N) HARD PIPE SUPPORT BLOCK, SSD & SMD.
- REMOVE (E) CONDUIT OR PIPE IN CONFLICT WITH THE INSTALLATION OF (N) WORK. REINSTALL AFTER COMPLETION OF (N) WORK.
- REMOVE ALL (E) MECHANICAL UNITS, VENTS, AND PANS AS REQUIRED TO PERFORM ROOFING AND FLASHING WORK. STORE AND PROTECT UNITS FOR REINSTALL TO WORKING ORDER. SCHEDULE MEETING WITH HEAD OF MAINTENANCE AND CONTRACTOR TO VERIFY WORKING ORDER OF HVAC SYSTEM PRIOR TO WORK AND ONCE WORK IS COMPLETE.
- PROTECT ELECTRICAL BOXES.
- ALL INFORMATION SHOWN ON THE DRAWING RELATIVE TO (E) CONDITIONS IS GIVEN AS THE BEST PRESENT KNOWLEDGE. WHERE ACTUAL CONDITIONS CONFLICT WITH THE DRAWING, THEY SHALL BE REPORTED TO THE ARCHITECT SO THAT THE CORRECTIONS/CLARIFICATIONS CAN BE PROVIDED.
- ALL DIMENSIONS ARE TO BE VERIFIED IN FIELD.
- COORDINATE WITH PLANT OPS BEFORE AND AFTER SHUTTING OFF ANY UTILITIES.
- ANY GAS LINES THAT HAVE BEEN DISCONNECTED AND RECONNECTED, SHALL BE INSPECTED AND TESTED FOR LEAKAGE IN ACCORDANCE WITH IPC 1313, CMC 1303 AND NFPA 54.
- PAINT ALL (N) TRIMS AND FLASHING TO MATCH (E) COLOR.
- ALL FIRE RETARDANT TREATED WOOD SHALL BE INSPECTED PRIOR TO COVERING. MATERIAL SHALL BEAR A LABEL THAT INDICATES ITS LISTING.

## EQUIPMENT LEGEND

| SYMBOL | DESCRIPTION                                           | QTY         |
|--------|-------------------------------------------------------|-------------|
| □      | (E) EXHAUST FAN OVER (N) CURB ADAPTER<br>SEE DETAIL   | 32 PER ROOF |
| +      | (E) VENT PIPES TO RECEIVE ROOF FLASHING<br>SEE DETAIL | 32 PER ROOF |

\* NOTE: QUANTITY IS APPROXIMATE. VIF

## REMODEL LEGEND

|  |                                                                                                                                                                                                                                                |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | (N) 80 MIL FULLY-ADHERED (CLASS A, UL 790) PVC ROOFING SYSTEM OVER 1/2" PROTECTION BOARD OVER 4" MIN RIGID INSULATION. PROVIDE ROOF FLASHING FOR ALL (E) ROOF PENETRATIONS. COORDINATE RE-ADHERING WITH (E) UTILITIES AND ELECTRICAL CONDUITS. |
|  | (E) ELECTRICAL CONDUIT, SSD                                                                                                                                                                                                                    |
|  | (E) FUEL GAS PIPING, SMD                                                                                                                                                                                                                       |
|  | (N) PVC WALKPAD COMPATIBLE W/ (N) MEMBRANE. SURFACE MUST BE 3/8" MIN. WIDE AND INCREASED TO 7/8" MIN. WIDE WHERE INDICATED AT MECHANICAL EQUIPMENT.                                                                                            |
|  | (E) BUILDING FOOTPRINT BELOW                                                                                                                                                                                                                   |
|  | (N) CMU PARAPET EXTENSION                                                                                                                                                                                                                      |
|  | (E) METAL STUD PARAPET EXTENSION                                                                                                                                                                                                               |

## REMODEL KEYNOTES

- (E) METAL CORNING AT (E) PARAPET. SEE DETAIL
- (N) CRICKET
- (E) STAR CAGE TO BE REINSTALLED.
- (E) EDGE TRANSITION CONDITION AT HIGH ROOF
- (E) MECHANICAL UNIT RE-INSTALLED OVER (N) RAISED CURB, SMD.
- (N) 36" WIDE WALK PAD, 72" WIDE AROUND MECHANICAL EQUIPMENT
- (E) EXHAUST FAN, REINSTALLED OVER NEW RAISED CURB, SMD.
- (N) BOOT FLASHING AT (E) VENT PIPE
- (N) OVERFLOW SCUPPER
- (N) PRIMARY SCUPPER AT LOWER ROOF
- REINSTALL (E) METAL GRATING
- (N) BOOT FLASHING AT (E) ELECTRICAL CONDUIT PIPE, SSD
- (N) CONDENSATE PIPE ON (N) SUPPORT BLOCK, SMD.
- (RE) ELECTRICAL CONDUIT ON NEW SUPPORT BLOCK, SEE DETAIL
- (N) PARAPET EXTENSION, SSD &
- (N) 36"x42" ROOF HATCH WITH RAIL GUARD, SEE DETAILS
- EXTENDED CURB
- (N) CROSS OVER BRIDGE, SEE DETAIL
- (N) GUARDRAIL, SEE DETAIL
- (RE) TRANSITION LADDER, SEE DETAIL
- (N) PLUMBING ACCESS DOOR, SEE DETAIL
- (E) MECHANICAL DUCT TO BE RE-INSTALLED, SMD
- REINSTALL (E) WATER HEATER ON CURB, SMD.
- AHU DUCT SUPPORT AND BRACE, SMD
- PITCH POCKET, SMD
- (E) PRIMARY SCUPPER TO REMAIN
- TRANSITION STRIP AT PARAPET WALL, SEE DETAIL
- ROOF RAKE, SEE DETAIL

## APPROVAL

CALIFORNIA DEPARTMENT OF  
CORRECTIONS AND REHABILITATION  
ACCESS COMPLIANCE REVIEW

APPROVAL OF THIS PLAN DOES NOT AUTHORIZE  
OR APPROVE ANY OMISSION OR DEVIATION  
FROM THE APPLICABLE REGULATIONS.

TRACING NUMBER: 11-000000  
DATE: 08/01/2022  
REVIEWER: [Signature]



OFFICE OF THE STATE FIRE MARSHAL  
APPROVED FOR FIRE AND FLOOD ONLY

Approval of this plan does not constitute an approval of the project or any other aspect of the project. The project owner is responsible for the project and for the safety of the project. The project owner is responsible for the project and for the safety of the project. The project owner is responsible for the project and for the safety of the project.

| NO. | DATE | REVISION |
|-----|------|----------|
|     |      |          |
|     |      |          |
|     |      |          |

STATE OF CALIFORNIA DEPARTMENT OF  
CORRECTIONS AND REHABILITATION  
FACILITY: [Blank]  
DESIGN SERVICES SECTION

**HY**  
HBSER YAMAUCHI  
Architects, Inc.  
4602 2nd Street, Suite #3  
Down, CA 92618  
330.758.1789  
Fax



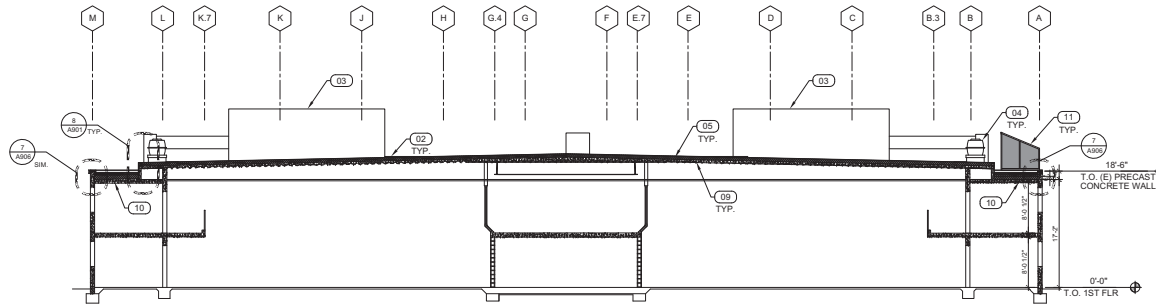
LAC

REPLACE ROOFS - PHASE 1  
CALIFORNIA STATE PRISON, LOS ANGELES COUNTY  
WEST  
LANCASTER, CA 93306  
DATE: AUGUST 31, 2023  
SHEET: TYPICAL 270 HOUSING UNIT  
ROOF PLAN REMODEL  
JOB NUMBER: 21-040 PHASE 1

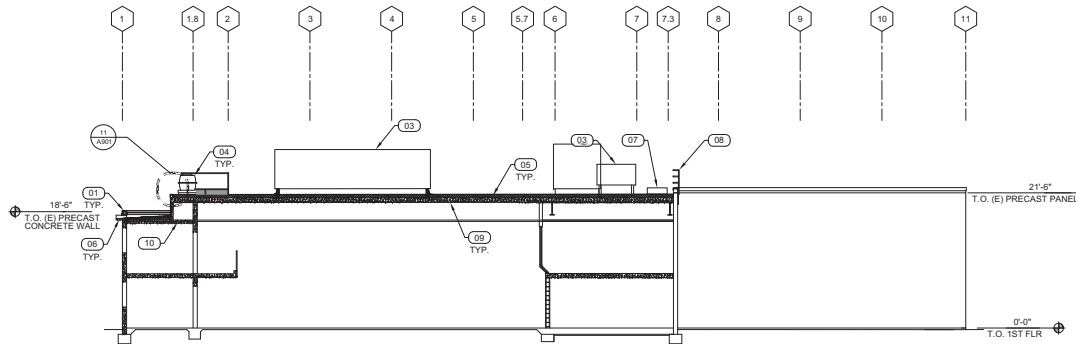
SHEET NUMBER

AA301





1 HOUSING UNIT BUILDING SECTION  
SCALE: 1/8" = 1'-0"



2 HOUSING UNIT BUILDING SECTION  
SCALE: 1/8" = 1'-0"

# BUILDING SECTION KEYNOTES

- (01) (N) METAL COPING AT PARAPET. SEE DETAIL.
- (02) (N) CRICKET.
- (03) (E) MECHANICAL UNIT RE-INSTALLED OVER NEW RAISED CURB. SMD.
- (04) (E) EXHAUST FAN, REINSTALLED OVER NEW RAISED CURB. SMD.
- (05) (N) 80 MIL FULLY ADHERED (CLASS A UL 790) PVC ROOFING SYSTEM OVER 1/2" PROTECTION BOARD OVER 8" MIN RIGID INSULATION.
- (06) (N) PRIMARY SCUPPER AT LOWER ROOF.
- (07) (N) ROOF HATCH. SEE DETAIL.
- (08) (N) GUARDRAIL. SEE DETAIL.
- (09) (E) METAL DECK WITH CONCRETE FILL.
- (10) (E) PRECAST CONCRETE PLANK W/ CONCRETE TOPPING.
- (11) (E) STAIR CAGE TO BE REINSTALLED.



OFFICE OF THE STATE FIRE MARSHAL  
APPROVED FIRE AND PANIC ONLY

Approval of this plan does not constitute an approval of any construction or equipment shown hereon from any jurisdiction. The plan is subject to field inspection. One set of approved plans shall be available on the project site at all times.

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
|     |      |             |
|     |      |             |
|     |      |             |
|     |      |             |

STATE OF CALIFORNIA DEPARTMENT OF  
CORRECTIONS AND REHABILITATION  
FACILITY PLANNING DIVISION  
DESIGN SERVICES AND STANDARD BRANCH  
DESIGN SERVICES SECTION

Project No. 9843.10

FINAL DRAWINGS

HYSER YAMAUCHI  
Architects, Inc.  
4602 2nd Street, Suite #3  
Down, CA 92618  
330.758.1789



LAC

CALIFORNIA STATE PRISON, LOS ANGELES COUNTY  
WEST  
LANCASTER, CA 93306

DATE: AUGUST 31, 2023  
SHEET 279 HOUSING UNIT TYPICAL  
BUILDING SECTIONS

SHEET NUMBER 21-240 PHASE 1

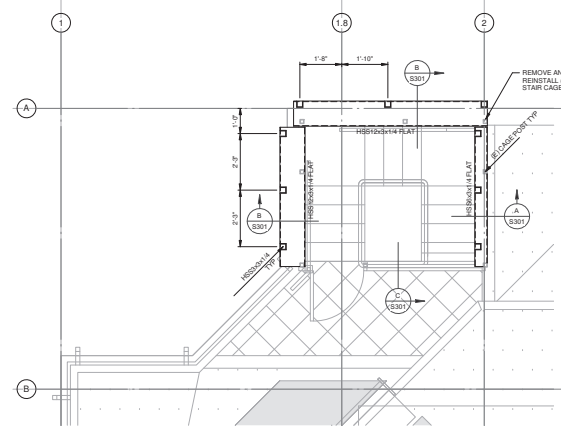
APPROVAL

CALIFORNIA DEPARTMENT OF  
CORRECTIONS AND REHABILITATION  
ACCESS COMPLIANCE REVIEW

APPROVAL OF THIS PLAN DOES NOT AUTHORIZE  
OR APPROVE ANY OMISSION OR DEVIATION  
FROM THE APPLICABLE REGULATIONS.

TRACKING NUMBER: 43202023  
DATE: 08/31/2023  
REVIEWER: [Signature]

AA601



0' 1'-0" 2'-0" 4'-0" 8'-0"



1. WIND UPLIFT VALUES INCLUDE A SAFETY FACTOR OF 2.  
LEGEND:

|                                                                                       |                             |
|---------------------------------------------------------------------------------------|-----------------------------|
|  | ZONE 1 - FIELD (60 PSF)     |
|  | ZONE 2 - PERIMETER (75 PSF) |
|  | ZONE 3 - CORNERS (105 PSF)  |



STATE OF CALIFORNIA DEPARTMENT OF  
CORRECTIONS AND REHABILITATION  
FACILITY PLANNING, CONSTRUCTION AND MANAGEMENT DIVISION  
DESIGN SERVICES AND STANDARDS BRANCH  
DESIGN SERVICES SECTION

**HY**  
HIBER YAMAUCHI  
Architects, Inc.  
6602 2nd Street, Suite #3  
Irvine, CA 92618  
307.58.1270 office  
307.58.4789 fax



|                                                                                                |     |  |
|------------------------------------------------------------------------------------------------|-----|--|
| REPLACE ROOF - PHASE 1                                                                         |     |  |
| CALIFORNIA STATE PRISON, LOS ANGELES COUNTY<br>4400 W 10TH STREET, WEST<br>LANCASTER, CA 93536 | LAC |  |
| DATE: AUGUST 31, 2023                                                                          |     |  |
| SHEET<br>TITLE: ROOF FRAMING PLAN - TYP<br>270 HOUSING UNIT                                    |     |  |
| CONTRACT<br>JOB NUMBER: 21-GC PHASE 1                                                          |     |  |

SHEET NUMBER  
**SA201**

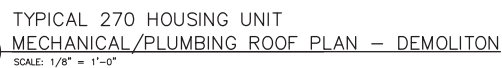
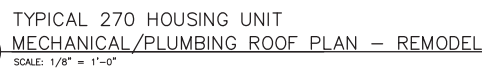


Figure 1 displays a sequence of 16 circular diagrams, each representing a network state. The diagrams are arranged horizontally and labeled below as BUILDING 331, BUILDING 332, BUILDING 333, BUILDING 335, BUILDING 336, BUILDING 337, BUILDING 338, BUILDING 339, BUILDING 340, BUILDING 341, BUILDING 342, BUILDING 343, BUILDING 344, BUILDING 345, BUILDING 348, BUILDING 349, and BUILDING 3416. Each diagram consists of a circle with internal lines (horizontal, vertical, diagonal, or a combination) and labels. Some diagrams have an additional label 'N' above them, and some have a label 'z' near a specific line or intersection. The sequence illustrates a progression of network states, with some diagrams showing a transition from one state to another.

---

|                                                                                                                      |    |                                                                                                                |         |
|----------------------------------------------------------------------------------------------------------------------|----|----------------------------------------------------------------------------------------------------------------|---------|
|  <b>TURLEY &amp; ASSOCIATES</b> |    | <b>MCCRANIE ENGINEERING GROUP, INC.</b>                                                                        |         |
| 2027 Capital Avenue<br>Sacramento, CA 95834                                                                          |    | (916) 328-3300<br>FAX: (916) 328-3301<br>Email: <a href="mailto:office@turleyinc.com">office@turleyinc.com</a> |         |
| Project Engineer                                                                                                     | /S | Job Number                                                                                                     | 22304   |
| Project Manager                                                                                                      | /S | Post Date: Aug. 29, 2020                                                                                       | 2:45 PM |
| Project Status                                                                                                       | -  | Login: 0/1mg                                                                                                   |         |



SHEET NUMBER  
**MPA301**

## REMODEL KEY NOTES

(E) (E) OR (N) PRIMARY SCUPPER AND OVERFLOW SCUPPER FOR LOW ROOF. EACH SCUPPER OPENING SHALL BE MIN 10"WDTH x 4"HIGH. THE LOCATION OF (N) PRIMARY SCUPPER SHALL MATCH (E) OR (N) SCUPPER CONDUCTORS. SEE ARCHITECTURAL DETAIL 20-0405.

(F) SCUPPER CONDUCTOR HEAD

(2) (N) SCUPPER CONDUCTOR HEAD, SIZE MATCH OTHER (E) CONDUCTOR HEAD ON THE SAME WALL. INSTALLATION DETAILS SEE 40507.

### NOTE

EQUIVALENT AREA OF ROOF AREA PLUS AREA OF VERTICAL WALLS, PER CPC 1103.1, 2018

### RAIN WATER CALCULATION

PER US WEATHER BUREAU TECHNICAL PAPER NO 40 CHART 14: 100-YEAR 1-HOUR RAINFALL (INCH), LOCAL RAIN WATER FALL RATE IS BETWEEN 0.7"HR AND 1.0"HR. WHILE CONSIDERING A SAFETY FACTOR, 2"HR RAINFALL IS USED IN THIS PROJECT.

PER 2022 CPC TABLE 1103.1 AND TABLE 1103.2, MAX PROTECTED ROOF AREA OF PIPES ARE SHOWING BELOW:

| PIPE SIZE (INCH) | MAX PROTECTED ROOF AREA (SQ.FT.) |         | VERTICAL PIPING |
|------------------|----------------------------------|---------|-----------------|
|                  | 4"X1/2"                          | 4"X1/4" |                 |
| 2"               |                                  |         | 1440            |
| 3"               | 1,644                            | 2,320   | 4,400           |
| 4"               | 3,760                            | 5,300   | 9,200           |
| 5"               | 6,680                            | 9,440   | 13,360          |
| 6"               | 10,700                           | 15,100  | 21,400          |

PER 2022 CPC 1101.122.1, WHEN SCUPPER OR SIDE OPENING IS USED FOR OVERFLOW, HEIGHT OF OPENING SHALL BE NO LESS THAN 4", AND WIDTH SHALL BE NO LESS THAN CIRCUMFERENCE OF THE ROOF DRAIN REQUIRED FOR THE AREA SERVED.

AN ALTERNATIVE MEANS IS USING SCUPPER INSTEAD OF THE ROOF DRAIN FOR THE PRIMARY RAINWATER DRAINAGE. ALTERNATIVE MEANS IS UNDER THE AGREEMENT WITH OF CDCR PROJECT MANAGER. IN THIS CASE, HEIGHT OF OPENING SHALL BE NO LESS THAN 4", AND WIDTH SHALL BE NO LESS THAN CIRCUMFERENCE OF THE ROOF DRAIN REQUIRED FOR THE AREA SERVED. WHERE ROOF DRAIN AND SCUPPER ARE COMBINED, THE HEIGHT OF OPENING MUST BE A MINIMUM OF TWICE THE REQUIRED HEIGHT (MIN OF 8").

THE ABOVE DATA ARE ONLY MINIMUM REQUIREMENT OF DRAINS AND PIPES. THEY CAN BE OVERSIZED IN THE PROJECT.

FOR AREA A1 THRU A15, MAX TOTAL EQUIVALENT ROOF AREA IS 2,200 SQ.FT. A MIN 7"X1/4" ROOF DRAIN OR MIN 10"WDTH SCUPPER OPENING IS SUFFICIENT TO SUPPORT EACH AREA. MIN OVERFLOW SIDE WALL OPENING IS 10"WDTH. THE NEW PRIMARY AND SECONDARY SIDE WALL OPENINGS ARE MEET THE CODE REQUIREMENT.



OFFICE OF THE STATE FIRE MARSHAL  
APPROVED FIRE AND PANC ONLY



Approved for use on this project for the purpose of approving any revision to the original form. This approval is not intended to be used for field inspection. One set of approved plans shall be available on the project site at all times.

### STATE OF CALIFORNIA DEPARTMENT OF CORRECTIONS AND REHABILITATION

FACILITY PLANNING, CONSTRUCTION AND MANAGEMENT DIVISION  
DESIGN SERVICES SECTION

Project No: 5843.30

Working Drawings

Sheet No: 1



**HIBSER YAMAUCHI**  
Architects, Inc.  
4602 2nd Street, Suite #3  
Davis, CA 95618  
Tel: 530.258.1800  
Fax: 530.258.1899



REGISTERED PROFESSIONAL ENGINEER  
No. 61-000866  
HUI CHEN  
CIVIL ENGINEER

**LAC**

CALIFORNIA STATE PRISON, LOS ANGELES COUNTY  
JAIL #1001  
LANCASTER, CALIF 93536

DATE: AUGUST 31, 2023  
DRAWN BY: TYPICAL PLUMBING  
CHECKED BY: TYPICAL 270 HOUSING UNIT ROOF PLAN RAINWATER

REPLACE ROOF'S - PHASE 1

### APPROVAL

CALIFORNIA DEPARTMENT OF CORRECTIONS AND REHABILITATION  
ACCESS COMPLIANCE REVIEW

APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY OMISSION OR DEVIATION FROM THE APPLICABLE REGULATIONS.

TRACKING NUMBER: 11202023  
DATE: LAST 8/11/23  
REVIEWED: [Signature]

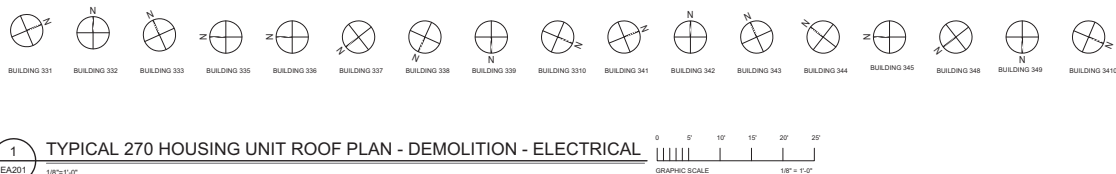
SHEET NUMBER

# MPA302



**TURLEY & ASSOCIATES**  
ARCHITECTS  
10000 WILSON BLVD  
SUITE 200  
LOS ANGELES, CA 90024  
TEL: 310.205.4000  
WWW.TURLEY-ASSOCIATES.COM

11202023

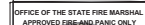


1 TYPICAL 270 HOUSING UNIT ROOF PLAN - DEMOLITION - ELECTRICAL

1. PLACE ALL EXISTING ELECTRICAL CIRCUITS FEEDING EXISTING HVAC AND ELECTRICAL EQUIPMENT ON ROOF FLAT IN A "SAFE-OF" CONDITION PRIOR TO CONSTRUCTION. NO NEW LOADS ADDED TO EXISTING CIRCUITS.
2. REMOVE PORTIONS OF EXISTING CONDUITS AND WIRING NECESSARY TO RE-ROOF EXISTING BUILDING.
3. DO NOT DAMAGE DURING CONSTRUCTION AND REUSE ALL EXISTING CIRCUITS. PROVIDE NEW HVAC DISCONNECTS. PROVIDE NEW WEATHERPROOF GFCI SERVICE RECEPTACLES TO REPLACE EXISTING RECEPTACLES FOR REMODEL.
4. REMOVE EXISTING JUNCTION BOXES AND FLEX CONDUITS BACK TO ROOF PENETRATION POINT, AND REMOVE FOR 4" ABOVE ROOF CONDUITS WITH NEW 1" WIDE SIDE QUANTITY AND TYPE SHALL MATCH EXISTING. SPACE IN POWER WIRING IS NOT ACCEPTABLE. NEW CONTROL WIRING TO EXISTING EQUIPMENT MAY BE RE-INSTALLED TO RUN FROM THE EQUIPMENT CONTROLS PANEL TO THE NEAREST EXISTING TERMINATION POINT OR SERVICE LOCATION. INSTALL NEW EMT WITH CONDUIT Fittings AND LIQUID-TIGHT METAL CONDUIT TERMINATION AT THE MECHANICAL EQUIPMENT.
5. DO NOT DAMAGE HVAC DUCTS WITH CUT DETECTORS. MAINTAIN FIRE ALARM DEVICE AND CIRCUIT DURING CONSTRUCTION.
6. DO NOT DAMAGE WP SERVICE RECEPTACLE BACK BOXES. REMOVE ANCHORING, AS NEEDED, TO ALLOW MOVEMENT DURING ROOF REPAIR. MAINTAIN CIRCUIT CONTINUITY AND RECEPTACLE FUNCTIONALITY AFTER CONSTRUCTION.
7. REPLACE JUNCTION BOXES. REPLACEMENT BOX TO MATCH EXISTING TYPE AND SIZE.

1 EXISTING MECHANICAL UNIT TO BE DISCONNECTED FOR ROOF REPAIR. COORDINATE WITH MECHANICAL. REINSTALL USING NEW ELECTRICAL CONDUIT, CONDUCTORS AND DEVICES. CONDUIT SIZE, WIRING SIZE, QUANTITY AND TYPE SHALL MATCH EXISTING. SEE REMODEL PLAN "1/EA301".

2 EXISTING NON-GFCI RECEPTACLE TO BE REPLACED. SEE REMODEL PLAN "1/EA301".



Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.

[illegible]STATE OF CALIFORNIA DEPARTMENT OF  
CORRECTIONS AND REHABILITATION

**HY** HIBSBER YAMAUCHI  
Architects, Inc.  
4602 2nd Street, Suite #3  
Davis, CA 95618  
530.758.1270 office  
530.758.4789 fax



CALIFORNIA DEPARTMENT OF  
CORRECTIONS AND REHABILITATION  
ACCESS COMPLIANCE REVIEW

APPROVAL OF THIS PLAN DOES NOT AUTHORIZE  
OR APPROVE ANY OMISSION OR DEVIATION  
FROM THE APPLICABLE REGULATIONS.

TRACKING NUMBER: 11/20/2023  
DATE: CASp 491 #1317

|                                             |                         |    |
|---------------------------------------------|-------------------------|----|
| 37                                          | REPLACE ROOFS - PHASE 1 | FR |
| CALIFORNIA STATE PRISON, LOS ANGELES COUNTY |                         |    |

REPLACE ROOFS - PHA  
CALIFORNIA STATE PR  
4750 60TH STREET, WES  
JANCASTER, CA 95336  
AUGUST 31, 2023

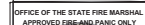
SHEET NUMBER

EA201



1. EXTEND EXISTING LISTS, WIRING AND CONDUITS AND RECONNECT TO EXISTING RELATED MECHANICAL, LIGHTING AND ELECTRICAL EQUIPMENT. REUSE SAME CIRCUIT TO FEED SAME MECHANICAL, LIGHTING AND ELECTRICAL EQUIPMENT. PROVIDE NEW CONDUIT TO MAINTAIN CIRCUIT CONTINUITY AND EQUIPMENT FUNCTIONALITY. ALL ABOVE ROOF ROOF CURT AND WIRING MUST BE INSTALLED IN THE SAME MANNER AS THE EXISTING EQUIPMENT. PROVIDE NEW CONDUIT TO MAINTAIN CIRCUIT RATING. REPLACE ALL EXISTING WEATHERPROOF GFCI SENSITIVE RECEPTACLES WITH THE SAME LOCATIONS AS PRIOR TO CONSTRUCTION.
2. PROVIDE NEW WEATHERPROOF, NEMA 3R JUNCTION BOXES AND WATERTIGHT FLEX CONDUITS FOR EACH MECHANICAL AND ELECTRICAL EQUIPMENT. KEEP EXISTING CONDUIT PENETRATIONS AT THE SAME LOCATIONS AS PRIOR TO CONSTRUCTION.
3. PROVIDE BLOODING AND CHANNELS TO CONDUIT RACEWAY AS BEING ON ROOFTOP. COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS FOR JOINT USE. SEE 730.01

- 1 REINSTALL MECHANICAL UNIT, RECONNECT EXISTING POWER AFTER ROOFING REPLACEMENT. SEE DETAIL "1/618.00" ON SHEET E8.001.
- 2 REPLACE EXISTING RECEPTACLE WITH NEW GFCI, WEATHER PROOF, WEATHER RESISTANT RECEPTACLE.
- 3 LOCATE AND IDENTIFY EXISTING CIRCUIT AND CONTROLS BELOW ROOF DECK. SPlice AND EXTEND TO RAISED EQUIPMENT AND RE-CONNECT. TYPICAL FOR ALL MECHANICAL UNITS MOUNTED ON RAISED ROOF.
- 4 PROVIDE NEW GFCI, WEATHER PROOF, WEATHER RESISTANT RECEPTACLE WITH METAL W/RAIN-NUSE COVER, CONNECT TO THE EXISTING ROOF RECEPTACLE CIRCUIT.
- 5 ALL CONDUIT RUN EXPOSED ON THE ROOF SHALL BE SUPPORTED PER DETAIL "2/618.00". SUPPORT SPACING SHALL BE PER DETAIL "2/618.00". NOTES 1 AND 2.



Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.

STATE OF CALIFORNIA DEPARTMENT OF  
CORRECTIONS AND REHABILITATION

**HY** HIBISER YAMAUCHI  
Architects, Inc.  
4602 2nd Street, Suite #3  
Davis, CA 95618  
530.758.1270 office  
530.758.4789 fax

REPLACE ROOFS - PHASE 1  
CALIFORNIA STATE PRISON, LOS ANGELES COUNTY  
44750 60TH STREET, WEST  
LANCASTER, CA 93536

SHEET NUMBER  
**EA30**

V